Please check our wiki for help on navigating the form.

Horizon 2020

Call: H2020-LC-SC3-2018-2019-2020

(BUILDING A LOW-CARBON, CLIMATE RESILIENT FUTURE: SECURE, CLEAN AND EFFICIENT ENERGY)

Topic: LC-SC3-EC-5-2020

Type of action: CSA

Proposal number: 101022965

Proposal acronym: EUCITYCALC

Deadline Id: H2020-LC-SC3-EE-2020-2

Table of contents

How to fill in the forms

The administrative forms must be filled in for each proposal using the templates available in the submission system. Some data fields in the administrative forms are pre-filled based on the steps in the submission wizard.

1 - General information

Topic	LC-SC3-EC-5-2020	Type of Action	CSA
Call Identifier	H2020-LC-SC3-2018-2019-2020	Deadline Id	H2020-LC-SC3-EE-2020-2

Acronym	EUCITYCALC
Proposal title	European City Calculator: Prospective modelling tool supporting public authorities in reaching climate neutrality

Note that for technical reasons, the following characters are not accepted in the Proposal Title and will be removed: < > " &

Duration in months	*36*
Fixed keyword 1	Energy efficiency - general
Free keywords	*energy and climate planning, climate neutrality, transition pathways, policy scenarios, multi-level governance framework, prospective modelling, webtool, cities, energy agencies, peer-to-peer learning*

Abstract

In order for Europe's transition towards climate neutrality to succeed, cities need to be in the driving seat. European cities are at the forefront in addressing climate change, with many having committed to develop and implement SEAPs/SECAPs through initiatives such as the Covenant of Mayors. Many cities have also committed to become climate-neutral by 2050 or even earlier. Yet, despite ambitious short- and long-term commitments, only few cities have managed to translate plans into concrete implementation strategies with tangible decarbonisation pathways. In transitioning towards climate neutrality, cities have to overcome complex challenges that cannot be tackled with a business-as-usual approach. For this, cities need to be equipped with tools, information and skills that empower them to become local transition leaders.
This is where EUCityCalc comes into play. Its objective is to support public authorities in planning towards climate neutrality through the prospective modelling approach of the European City Calculator webtool. The European City Calculator is an open-source, prospective modelling tool providing cities with a sectoral outlook on the type and ambition of measures they can take to achieve a transition towards climate neutrality. As a flexible model adapted to territorial specificities and reflecting the city governance, it supports cities in designing tailored transition pathways and policy scenarios.
With the webtool at its core, EUCityCalc will support 10 pilot cities - Riga, Dijon Métropole, Mantova, Zdar, Palmela, Sesimbra, Setubal, Koprivnica, Varazdin, Virovitica - in developing and implementing scientifically robust, detailed and integrated pathways and scenarios towards climate neutrality. Through peer-to-peer learning, a multifaceted capacity-building and training programme and the engagement of local stakeholders in expert working groups, EUCityCalc will empower cities in devising a clear and concrete roadmap towards climate neutrality.

Remaining characters 2

Has this proposal (or a very similar one) been submitted in the past 2 years in response to a call for proposals under Horizon 2020 or any other EU programme(s)? ○ Yes ◉ No

Please give the proposal reference or contract number.	
xxxxxx-x	

Declarations

1) The coordinator declares to have the explicit consent of all applicants on their participation and on the content of this proposal.	☒
2) The information contained in this proposal is correct and complete.	☒
3) This proposal complies with ethical principles (including the highest standards of research integrity — as set out, for instance, in the European Code of Conduct for Research Integrity — and including, in particular, avoiding fabrication, falsification, plagiarism or other research misconduct).	☒

4) The coordinator confirms:

- to have carried out the self-check of the financial capacity of the organisation on http://ec.europa.eu/research/participants/portal/desktop/en/organisations/lfv.html or to be covered by a financial viability check in an EU project for the last closed financial year. Where the result was "weak" or "insufficient", the coordinator confirms being aware of the measures that may be imposed in accordance with the H2020 Grants Manual (Chapter on Financial capacity check); or	◉
- is exempt from the financial capacity check being a public body including international organisations, higher or secondary education establishment or a legal entity, whose viability is guaranteed by a Member State or associated country, as defined in the H2020 Grants Manual (Chapter on Financial capacity check); or	○
- as sole participant in the proposal is exempt from the financial capacity check.	○

5) The coordinator hereby declares that each applicant has confirmed:

- they are fully eligible in accordance with the criteria set out in the specific call for proposals; and	☒
- they have the financial and operational capacity to carry out the proposed action.	☒

The coordinator is only responsible for the correctness of the information relating to his/her own organisation. Each applicant remains responsible for the correctness of the information related to him and declared above. Where the proposal to be retained for EU funding, the coordinator and each beneficiary applicant will be required to present a formal declaration in this respect.

According to Article 131 of the Financial Regulation of 25 October 2012 on the financial rules applicable to the general budget of the Union (Official Journal L 298 of 26.10.2012, p. 1) and Article 145 of its Rules of Application (Official Journal L 362, 31.12.2012, p.1) applicants found guilty of misrepresentation may be subject to administrative and financial penalties under certain conditions.

Personal data protection

The assessment of your grant application will involve the collection and processing of personal data (such as your name, address and CV), which will be performed pursuant to Regulation (EC) No 45/2001 on the protection of individuals with regard to the processing of personal data by the Community institutions and bodies and on the free movement of such data. Unless indicated otherwise, your replies to the questions in this form and any personal data requested are required to assess your grant application in accordance with the specifications of the call for proposals and will be processed solely for that purpose. Details concerning the purposes and means of the processing of your personal data as well as information on how to exercise your rights are available in the privacy statement. Applicants may lodge a complaint about the processing of their personal data with the European Data Protection Supervisor at any time.

Your personal data may be registered in the Early Detection and Exclusion system of the European Commission (EDES), the new system established by the Commission to reinforce the protection of the Union's financial interests and to ensure sound financial management, in accordance with the provisions of articles 105a and 108 of the revised EU Financial Regulation (FR) (Regulation (EU, EURATOM) 2015/1929 of the European Parliament and of the Council of 28 October 2015 amending Regulation (EU, EURATOM) No 966/2012) and articles 143 - 144 of the corresponding Rules of Application (RAP) (COMMISSION DELEGATED REGULATION (EU) 2015/2462 of 30 October 2015 amending Delegated Regulation (EU) No 1268/2012) for more information see the Privacy statement for the EDES Database.

2 - Participants & contacts

#	Participant Legal Name	Country	Action
1	ENERGY CITIES/ENERGIE-CITES ASSOCIATION	FR	
2	POTSDAM INSTITUT FUER KLIMAFOLGENFORSCHUNG	Germany	
3	CLIMACT SA	BE	
4	CARBON MARKET WATCH	BE	
5	RIGA MUNICIPAL AGENCY "RIGA ENERGY AGENCY"	LV	
6	COMUNE DI MANTOVA	IT	
7	DIJON METROPOLE	FR	
8	AGENCIA DE ENERGIA E AMBIENTE DA ARRABIDA	PT	
9	Mesto Zdar nad Sazavou	CZ	
10	Association of Local Energy Managers	CZ	
11	REGIONALNA ENERGETSKA AGENCIJA SJEVER	HR	

2 - Administrative data of participating organisations

PIC	***Legal name***
966036484	*ENERGY CITIES/ENERGIE-CITES ASSOCIATION*

Short name: ENERGY CITIES

Address of the organisation

Street CHEMIN DE PALENTE 2

Town BESANCON

Postcode 25000

Country France

Webpage

Legal Status of your organisation

Research and Innovation legal statuses

Public body .....no

Non-profit .....yes

International organisation .....no

International organisation of European interest .....no

Secondary or Higher education establishment .....no

Research organisation .....no

Legal person .....yes

Industry (private for profit).....no

Enterprise Data

SME self-declared status.....15/10/1990 - yes

SME self-assessment ..... unknown

SME validation sme.....15/10/1990 - no

Based on the above details of the Beneficiary Registry the organisation is not an SME (small- and medium-sized enterprise) for the call.

Department(s) carrying out the proposed work

No department involved

Department name: *Name of the department/institute carrying out the work.* ☒ not applicable

☐ Same as proposing organisation's address

Street: *Please enter street name and number.*

Town: *Please enter the name of the town.*

Postcode: *Area code.*

Country: *Please select a country*

Dependencies with other proposal participants

Character of dependence	***Participant***	

Person in charge of the proposal

The name and e-mail of contact persons are read-only in the administrative form, only additional details can be edited here. To give access rights and basic contact details of contact persons, please go back to Step 4 of the submission wizard and save the changes.

Title: Mr.

Sex: (•) Male ( ) Female

First name: **David**

Last name: **DONNERER**

E-Mail: **david.donnerer@energy-cities.eu**

Position in org.: EU Policy and Project Manager

Department: ENERGY CITIES/ENERGIE-CITES ASSOCIATION ☒ Same as organisation name

☒ Same as proposing organisation's address

Street: CHEMIN DE PALENTE 2

Town: BESANCON

Post code: 25000

Country: France

Website: www.energy-cities.eu

Phone: +33381653680

Phone 2: *+xxx xxxxxxxxx*

Fax: *+xxx xxxxxxxxx*

PIC	***Legal name***
999464042	*POTSDAM INSTITUT FUER KLIMAFOLGENFORSCHUNG*

Short name: PIK

Address of the organisation

Street Telegrafenberg 31

Town POTSDAM

Postcode 14412

Country Germany

Webpage http://www.pik-potsdam.de

Legal Status of your organisation

Research and Innovation legal statuses

Public body .....no

Non-profit .....yes

International organisation .....no

International organisation of European interest .....no

Secondary or Higher education establishment .....no

Research organisation .....yes

Legal person .....yes

Industry (private for profit).....no

Enterprise Data

SME self-declared status.....17/06/2008 - no

SME self-assessment ..... unknown

SME validation sme.....17/06/2008 - no

Based on the above details of the Beneficiary Registry the organisation is not an SME (small- and medium-sized enterprise) for the call.

Department(s) carrying out the proposed work

Department 1

Department name: RD2 Climate Resilience - Urban Transformations Group ☐ not applicable

☒ Same as proposing organisation's address

Street: Telegrafenberg 31

Town: POTSDAM

Postcode: 14412

Country: Germany

Dependencies with other proposal participants

Character of dependence	***Participant***	

Person in charge of the proposal

The name and e-mail of contact persons are read-only in the administrative form, only additional details can be edited here. To give access rights and basic contact details of contact persons, please go back to Step 4 of the submission wizard and save the changes.

Title: Mr. Sex: (•) Male ( ) Female

First name: **Luís** Last name: **Costa**

E-Mail: **carvalho@pik-potsdam.de**

Position in org.: PostDoc Researcher

Department: RD2 Climate Resilience - Urban Transformations Group ☐ Same as organisation name

☒ Same as proposing organisation's address

Street: Telegrafenberg 31

Town: POTSDAM Post code: 14412

Country: Germany

Website: www.pik-potsdam.de

Phone: +493312882527 Phone 2: +xxx xxxxxxxxx Fax: +xxx xxxxxxxxx

Other contact persons

First Name	***Last Name***	***E-mail***	***Phone***
Christiane	Walter	christiane.walter@pik-potsdam.de	*+493312882550*
Peggy	Graefe	rd2projekte@pik-potsdam.de	*+xxx xxxxxxxxx*

PIC	***Legal name***
953474887	*CLIMACT SA*

Short name: CLIMACT SA

Address of the organisation

Street PLACE DE L UNIVERSITE 16

Town LOUVAIN LA NEUVE

Postcode 1348

Country Belgium

Webpage www.climact.com

Legal Status of your organisation

Research and Innovation legal statuses

Public body .....no

Non-profit .....no

International organisation .....no

International organisation of European interest .....no

Secondary or Higher education establishment .....no

Research organisation .....no

Legal person .....yes

Industry (private for profit).....yes

Enterprise Data

SME self-declared status.....31/12/2015 - yes

SME self-assessment .....31/12/2015 - yes

SME validation sme..... unknown

Based on the above details of the Beneficiary Registry the organisation is an SME (small- and medium-sized enterprise) for the call.

Department(s) carrying out the proposed work

No department involved

Department name: *Name of the department/institute carrying out the work.* ☒ not applicable

☐ Same as proposing organisation's address

Street: *Please enter street name and number.*

Town: *Please enter the name of the town.*

Postcode: *Area code.*

Country: *Please select a country*

Dependencies with other proposal participants

Character of dependence	***Participant***	

Person in charge of the proposal

The name and e-mail of contact persons are read-only in the administrative form, only additional details can be edited here. To give access rights and basic contact details of contact persons, please go back to Step 4 of the submission wizard and save the changes.

Title: Mr. Sex: (•) Male ( ) Female

First name: **Julien** Last name: **Pestiaux**

E-Mail: **jpe@climact.com**

Position in org.: Administrator and Director of Prospective Analysis

Department: CLIMACT SA ☒ Same as organisation name

☒ Same as proposing organisation's address

Street: PLACE DE L UNIVERSITE 16

Town: LOUVAIN LA NEUVE Post code: 1348

Country: Belgium

Website: climact.com

Phone: +32471961390 Phone 2: *+xxx xxxxxxxxx* Fax: *+xxx xxxxxxxxx*

Other contact persons

First Name	***Last Name***	***E-mail***	***Phone***
Anne-Catherine	Lorge	acl@climact.com	*+3210750740*

PIC	***Legal name***
897038929	*CARBON MARKET WATCH*

Short name: CARBON MARKET WATCH

Address of the organisation

Street RUE D'ALBANIE 117

Town BRUXELLES

Postcode 1060

Country Belgium

Webpage https://carbonmarketwatch.org/

Legal Status of your organisation

Research and Innovation legal statuses

Public body .....no

Non-profit .....yes

International organisation .....no

International organisation of European interest .....no

Secondary or Higher education establishment .....no

Research organisation .....no

Legal person .....yes

Industry (private for profit).....no

Enterprise Data

SME self-declared status..... unknown

SME self-assessment ..... unknown

SME validation sme..... unknown

Based on the above details of the Beneficiary Registry the organisation is not an SME (small- and medium-sized enterprise) for the call.

Department(s) carrying out the proposed work

No department involved

Department name: *Name of the department/institute carrying out the work.* ☒ not applicable

☐ Same as proposing organisation's address

Street: *Please enter street name and number.*

Town: *Please enter the name of the town.*

Postcode: *Area code.*

Country: *Please select a country*

Dependencies with other proposal participants

Character of dependence	***Participant***	

Person in charge of the proposal

The name and e-mail of contact persons are read-only in the administrative form, only additional details can be edited here. To give access rights and basic contact details of contact persons, please go back to Step 4 of the submission wizard and save the changes.

Title: Mr.

Sex: (•) Male ( ) Female

First name: **Sam**

Last name: **Van den Plas**

E-Mail: **sam.vandenplas@carbonmarketwatch.org**

Position in org.: Policy Director

Department: CARBON MARKET WATCH ☒ Same as organisation name

☒ Same as proposing organisation's address

Street: RUE D'ALBANIE 117

Town: BRUXELLES Post code: 1060

Country: Belgium

Website: www.carbonmarketwatch.org

Phone: *+xxx xxxxxxxxx* Phone 2: *+xxx xxxxxxxxx* Fax: *+xxx xxxxxxxxx*

Other contact persons

First Name	***Last Name***	***E-mail***	***Phone***
Elisa	Martellucci	elisa.martellucci@carbonmarketwatch.org	*+324936201819*

PIC	***Legal name***
937861670	*RIGA MUNICIPAL AGENCY "RIGA ENERGY AGENCY"*

Short name: Riga Energy Agency (REA)

Address of the organisation

Street Maza Jauniela 5

Town Riga

Postcode 1539

Country Latvia

Webpage www.rea.riga.lv

Legal Status of your organisation

Research and Innovation legal statuses

Public body .....yes

Non-profit .....yes

International organisation .....no

International organisation of European interest .....no

Secondary or Higher education establishment .....no

Research organisation .....no

Legal person .....yes

Industry (private for profit).....no

Enterprise Data

SME self-declared status..... unknown

SME self-assessment ..... unknown

SME validation sme..... unknown

Based on the above details of the Beneficiary Registry the organisation is not an SME (small- and medium-sized enterprise) for the call.

Department(s) carrying out the proposed work

No department involved

Department name: *Name of the department/institute carrying out the work.* ☒ not applicable

☐ Same as proposing organisation's address

Street: *Please enter street name and number.*

Town: *Please enter the name of the town.*

Postcode: *Area code.*

Country: *Please select a country*

Dependencies with other proposal participants

Character of dependence	***Participant***	

Person in charge of the proposal

The name and e-mail of contact persons are read-only in the administrative form, only additional details can be edited here. To give access rights and basic contact details of contact persons, please go back to Step 4 of the submission wizard and save the changes.

Title: Ms

Sex: ○ Male ◉ Female

First name: **Evita** Last name: **Riekstina**

E-Mail: **evita.riekstina@riga.lv**

Position in org.: Acting Director

Department: RIGA MUNICIPAL AGENCY "RIGA ENERGY AGENCY" ☒ Same as organisation name

☒ Same as proposing organisation's address

Street: Maza Jauniela 5

Town: Riga Post code: 1539

Country: Latvia

Website: hwww.rea.riga.lv/en/

Phone: +37128603781 Phone 2: *+xxx xxxxxxxxx* Fax: *+xxx xxxxxxxxx*

PIC	***Legal name***
996362855	*COMUNE DI MANTOVA*

Short name: COMUNE DI MANTOVA

Address of the organisation

Street VIA ROMA 39

Town MANTOVA

Postcode 46100

Country Italy

Webpage http://www.comune.mantova.it

Legal Status of your organisation

Research and Innovation legal statuses

Public body .....yes

Non-profit .....yes

International organisation .....no

International organisation of European interest .....no

Secondary or Higher education establishment .....no

Research organisation .....no

Legal person .....yes

Industry (private for profit).....no

Enterprise Data

SME self-declared status..... unknown

SME self-assessment ..... unknown

SME validation sme..... unknown

Based on the above details of the Beneficiary Registry the organisation is not an SME (small- and medium-sized enterprise) for the call.

Department(s) carrying out the proposed work

Department 1

Department name: Department of Environment ☐ not applicable

☒ Same as proposing organisation's address

Street: VIA ROMA 39

Town: MANTOVA

Postcode: 46100

Country: Italy

Dependencies with other proposal participants

Character of dependence	***Participant***	

Person in charge of the proposal

The name and e-mail of contact persons are read-only in the administrative form, only additional details can be edited here. To give access rights and basic contact details of contact persons, please go back to Step 4 of the submission wizard and save the changes.

Title: Ms

Sex: ○ Male ◉ Female

First name: **Sofia** Last name: **Salardi**

E-Mail: **sofia.salardi@comune.mantova.gov.it**

Position in org.: Project and Fundraising Management

Department: Department of Environment ☐ Same as organisation name

☒ Same as proposing organisation's address

Street: VIA ROMA 39

Town: MANTOVA Post code: 46100

Country: Italy

Website: www.comune.mantova.it

Phone: +390376338406 Phone 2: *+xxx xxxxxxxxx* Fax: *+xxx xxxxxxxxx*

Other contact persons

First Name	***Last Name***	***E-mail***	***Phone***
Elisa	Parisi	elisa.parisi@comune.mantova.gov.it	*+390376338295*

PIC	***Legal name***
903066703	*DIJON METROPOLE*

Short name: DIJON METROPOLE

Address of the organisation

Street 40, AVENUE DU DRAPEAU

Town DIJON

Postcode 21000

Country France

Webpage https://www.metropole-dijon.fr

Legal Status of your organisation

Research and Innovation legal statuses

Public body .....yes

Non-profit .....yes

International organisation .....no

International organisation of European interest .....no

Secondary or Higher education establishment .....no

Research organisation .....no

Legal person .....yes

Industry (private for profit).....no

Enterprise Data

SME self-declared status..... unknown

SME self-assessment ..... unknown

SME validation sme..... unknown

Based on the above details of the Beneficiary Registry the organisation is not an SME (small- and medium-sized enterprise) for the call.

Department(s) carrying out the proposed work

Department 1

Department name: Department of Urban Ecology ☐ not applicable

☒ Same as proposing organisation's address

Street: 40, AVENUE DU DRAPEAU

Town: DIJON

Postcode: 21000

Country: France

Dependencies with other proposal participants

Character of dependence	***Participant***	

Person in charge of the proposal

The name and e-mail of contact persons are read-only in the administrative form, only additional details can be edited here. To give access rights and basic contact details of contact persons, please go back to Step 4 of the submission wizard and save the changes.

Title: Ms

Sex: ○ Male ◉ Female

First name: **Oanez** Last name: **Codet-Hache**

E-Mail: **ocodet-hache@metropole-dijon.fr**

Position in org.: Head of Department

Department: Department of Urban Ecology ☐ Same as organisation name

☒ Same as proposing organisation's address

Street: 40, AVENUE DU DRAPEAU

Town: DIJON Post code: 21000

Country: France

Website: www.metropole-dijon.fr

Phone: +33380745936 Phone 2: *+xxx xxxxxxxxx* Fax: *+xxx xxxxxxxxx*

PIC	***Legal name***
919965655	*AGENCIA DE ENERGIA E AMBIENTE DA ARRABIDA*

Short name: ENA

Address of the organisation

Street AVENIDA BELO HORIZONTE EDIFICIO ESCA

Town SETUBAL

Postcode 2910 422

Country Portugal

Webpage www.ena.com.pt

Legal Status of your organisation

Research and Innovation legal statuses

Public body .....no

Non-profit .....yes

International organisation .....no

International organisation of European interest .....no

Secondary or Higher education establishment .....no

Research organisation .....no

Legal person .....yes

Industry (private for profit).....no

Enterprise Data

SME self-declared status..... unknown

SME self-assessment ..... unknown

SME validation sme..... unknown

Based on the above details of the Beneficiary Registry the organisation is not an SME (small- and medium-sized enterprise) for the call.

Department(s) carrying out the proposed work

No department involved

Department name: *Name of the department/institute carrying out the work.* ☒ not applicable

☐ Same as proposing organisation's address

Street: *Please enter street name and number.*

Town: *Please enter the name of the town.*

Postcode: *Area code.*

Country: *Please select a country*

Dependencies with other proposal participants

Character of dependence	***Participant***	

Person in charge of the proposal

The name and e-mail of contact persons are read-only in the administrative form, only additional details can be edited here. To give access rights and basic contact details of contact persons, please go back to Step 4 of the submission wizard and save the changes.

Title: Ms

Sex: ○ Male ◉ Female

First name: **Cristina** Last name: **Daniel**

E-Mail: **cristina.daniel@ena.com.pt**

Position in org.: Executive Manager

Department: AGENCIA DE ENERGIA E AMBIENTE DA ARRABIDA ☒ Same as organisation name

☒ Same as proposing organisation's address

Street: AVENIDA BELO HORIZONTE EDIFICIO ESCARPAS SANTOS NICOLAU

Town: SETUBAL Post code: 2910 422

Country: Portugal

Website: www.ena.com.pt

Phone: +351265546194 Phone 2: *+xxx xxxxxxxxx* Fax: *+xxx xxxxxxxxx*

Other contact persons

First Name	***Last Name***	***E-mail***	***Phone***
Isabel	Rodriguez	isabel.rodriguez@ena.com.pt	*+351265546194*

PIC	***Legal name***
898900359	*Mesto Zdar nad Sazavou*

Short name: Mesto Zdar nad Sazavou

Address of the organisation

Street ?i?kova 227/1

Town ??ár nad Sázavou

Postcode 591 31

Country Czechia

Webpage www.zdarns.cz

Legal Status of your organisation

Research and Innovation legal statuses

Public body .....unknown

Non-profit .....unknown

International organisation .....unknown

International organisation of European interest .....unknown

Secondary or Higher education establishment .....unknown

Research organisation .....unknown

Legal person .....yes

Industry (private for profit).....unknown

Enterprise Data

SME self-declared status..... unknown

SME self-assessment ..... unknown

SME validation sme..... unknown

Based on the above details of the Beneficiary Registry the organisation is not an SME (small- and medium-sized enterprise) for the call.

Department(s) carrying out the proposed work

No department involved

Department name: *Name of the department/institute carrying out the work.* ☒ not applicable

☐ Same as proposing organisation's address

Street: *Please enter street name and number.*

Town: *Please enter the name of the town.*

Postcode: *Area code.*

Country: *Please select a country*

Dependencies with other proposal participants

Character of dependence	***Participant***	

Person in charge of the proposal

The name and e-mail of contact persons are read-only in the administrative form, only additional details can be edited here. To give access rights and basic contact details of contact persons, please go back to Step 4 of the submission wizard and save the changes.

Title: Mr. Sex: (•) Male ( ) Female

First name: **Michal** Last name: **Bacovsky**

E-Mail: **michal.bacovsky@zdarns.cz**

Position in org.: Project Manager and Smart City Coordinator

Department: Mesto Zdar nad Sazavou ☒ Same as organisation name

☒ Same as proposing organisation's address

Street: ?i?kova 227/1

Town: ??ár nad Sázavou Post code: 591 31

Country: Czechia

Website: www.zdarns.cz

Phone: +420778417798 Phone 2: +xxx xxxxxxxxx Fax: +xxx xxxxxxxxx

PIC	***Legal name***
898902202	*Association of Local Energy Managers*

Short name: Association of Local Energy Managers

Address of the organisation

Street Tyrsovo nám. 68

Town Litomerice

Postcode 412 01

Country Czechia

Webpage http://semmo.cz/

Legal Status of your organisation

Research and Innovation legal statuses

Public body .....unknown

Non-profit .....unknown

International organisation .....unknown

International organisation of European interest .....unknown

Secondary or Higher education establishment .....unknown

Research organisation .....unknown

Legal person .....yes

Industry (private for profit).....unknown

Enterprise Data

SME self-declared status..... unknown

SME self-assessment ..... unknown

SME validation sme..... unknown

Based on the above details of the Beneficiary Registry the organisation is not an SME (small- and medium-sized enterprise) for the call.

Department(s) carrying out the proposed work

No department involved

Department name: *Name of the department/institute carrying out the work.* ☒ not applicable

☐ Same as proposing organisation's address

Street: *Please enter street name and number.*

Town: *Please enter the name of the town.*

Postcode: *Area code.*

Country: *Please select a country*

Dependencies with other proposal participants

Character of dependence	***Participant***	

Person in charge of the proposal

The name and e-mail of contact persons are read-only in the administrative form, only additional details can be edited here. To give access rights and basic contact details of contact persons, please go back to Step 4 of the submission wizard and save the changes.

Title: Mr. Sex: (•) Male ( ) Female

First name: **Jaroslav** Last name: **Klusak**

E-Mail: **klusak@semmo.cz**

Position in org.: Chairman

Department: Association of Local Energy Managers ☒ Same as organisation name

☒ Same as proposing organisation's address

Street: Tyrsovo nám. 68

Town: Litomerice Post code: 412 01

Country: Czechia

Website: semmo.cz

Phone: +420773165574 Phone 2: *+xxx xxxxxxxxx* Fax: *+xxx xxxxxxxxx*

Other contact persons

First Name	***Last Name***	***E-mail***	***Phone***
Tereza	McLaughlin Vanova	vanova@semmo.cz	*+420792311399*

PIC	***Legal name***
953873266	*REGIONALNA ENERGETSKA AGENCIJA SJEVER*

Short name: REA North

Address of the organisation

Street MIROSLAVA KRLEZE 81

Town KOPRIVNICA

Postcode 48000

Country Croatia

Webpage www.rea-sjever.hr

Legal Status of your organisation

Research and Innovation legal statuses

Public body .....yes

Non-profit .....yes

International organisation .....no

International organisation of European interest .....no

Secondary or Higher education establishment .....no

Research organisation .....no

Legal person .....yes

Industry (private for profit).....no

Enterprise Data

SME self-declared status..... unknown

SME self-assessment ..... unknown

SME validation sme..... unknown

Based on the above details of the Beneficiary Registry the organisation is not an SME (small- and medium-sized enterprise) for the call.

Department(s) carrying out the proposed work

No department involved

Department name: *Name of the department/institute carrying out the work.* ☒ not applicable

☐ Same as proposing organisation's address

Street: *Please enter street name and number.*

Town: *Please enter the name of the town.*

Postcode: *Area code.*

Country: *Please select a country*

Dependencies with other proposal participants

Character of dependence	***Participant***	

Person in charge of the proposal

The name and e-mail of contact persons are read-only in the administrative form, only additional details can be edited here. To give access rights and basic contact details of contact persons, please go back to Step 4 of the submission wizard and save the changes.

Title Mr. Sex (•) Male ( ) Female

First name **Ivan** Last name **Simic**

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Position in org. Managing Director

Department REGIONALNA ENERGETSKA AGENCIJA SJEVER ☒ Same as organisation name

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3 - Budget

No	Participant	Country	(A) Direct personnel costs/€	(B) Other direct costs/€	(C) Direct costs of sub-contracting/€	(D) Direct costs of providing financial support to third parties/€	(E) Costs of inkind contributions not used on the beneficiary's premises/€	(F) Indirect Costs / € (=0.25(A+B-E))	(G) Special unit costs covering direct & indirect costs / €	(H) Total estimated eligible costs / € (=A+B+C+D+F+G)	(I) Reimburse-ment rate (%)	(J) Max.EU Contribution / € (=H*I)	(K) Requested EU Contribution/ €
1	Energy Cities/ energie-cites Association	FR	216578	98000	0	0	0	78644,50	0	393222,50	100	393222,50	393222,50
2	Potsdam Institut Fuer Klimafolgenfor	DE	208440	13500	0	0	0	55485,00	0	277425,00	100	277425,00	277425,00
3	Climact Sa	BE	175985	54500	0	0	0	57621,25	0	288106,25	100	288106,25	288106,25
4	Carbon Market Watch	BE	133783	28800	0	0	0	40645,75	0	203228,75	100	203228,75	203228,75
5	Riga Municipal Agency "Riga Energy	LV	38737	21500	0	0	0	15059,25	0	75296,25	100	75296,25	75296,25
6	Comune Di Mantova	IT	71279	21500	0	0	0	23194,75	0	115973,75	100	115973,75	115973,75
7	Dijon Metropole	FR	80713	18500	0	0	0	24803,25	0	124016,25	100	124016,25	124016,25
8	Agencia De Energia E Ambiente Da	PT	93471	33800	0	0	0	31817,75	0	159088,75	100	159088,75	159088,75
9	Mesto Zdar Nad Sazavou	CZ	43928	18500	0	0	0	15607,00	0	78035,00	100	78035,00	78035,00
10	Association Of Local Energy Managers	CZ	75441	26100	0	0	0	25385,25	0	126926,25	100	126926,25	126926,25

11	Regionalna Energetska Agencija	HR	92898	33800	0	0	0	31674,50	0	158372,50	100	158372,50	158372,50
	Total		1231253	368500	0	0	0	399938,25	0	1999691,25		1999691,25	1999691,25

4 - Ethics

1. HUMAN EMBRYOS/FOETUSES		Page
Does your research involve Human Embryonic Stem Cells (hESCs)?	○ Yes ◉ No	
Does your research involve the use of human embryos?	○ Yes ◉ No	
Does your research involve the use of human foetal tissues / cells?	○ Yes ◉ No	
2. HUMANS		**Page**
Does your research involve human participants?	○ Yes ◉ No	
Does your research involve physical interventions on the study participants?	○ Yes ◉ No	
3. HUMAN CELLS / TISSUES		**Page**
Does your research involve human cells or tissues (other than from Human Embryos/ Foetuses, i.e. section 1)?	○ Yes ◉ No	
4. PERSONAL DATA		**Page**
Does your research involve personal data collection and/or processing?	○ Yes ◉ No	
Does your research involve further processing of previously collected personal data (secondary use)?	○ Yes ◉ No	
5. ANIMALS		**Page**
Does your research involve animals?	○ Yes ◉ No	
6. THIRD COUNTRIES		**Page**
In case non-EU countries are involved, do the research related activities undertaken in these countries raise potential ethics issues?	○ Yes ◉ No	
Do you plan to use local resources (e.g. animal and/or human tissue samples, genetic material, live animals, human remains, materials of historical value, endangered fauna or flora samples, etc.)?	○ Yes ◉ No	
Do you plan to import any material - including personal data - from non-EU countries into the EU?	○ Yes ◉ No	
Do you plan to export any material - including personal data - from the EU to non-EU countries?	○ Yes ◉ No	
In case your research involves low and/or lower middle income countries, are any benefits-sharing actions planned?	○ Yes ◉ No	
Could the situation in the country put the individuals taking part in the research at risk?	○ Yes ◉ No	

7. ENVIRONMENT & HEALTH and SAFETY		Page
Does your research involve the use of elements that may cause harm to the environment, to animals or plants?	○ Yes ◉ No	
Does your research deal with endangered fauna and/or flora and/or protected areas?	○ Yes ◉ No	
Does your research involve the use of elements that may cause harm to humans, including research staff?	○ Yes ◉ No	
8. DUAL USE		**Page**
Does your research involve dual-use items in the sense of Regulation 428/2009, or other items for which an authorisation is required?	○ Yes ◉ No	
9. EXCLUSIVE FOCUS ON CIVIL APPLICATIONS		**Page**
Could your research raise concerns regarding the exclusive focus on civil applications?	○ Yes ◉ No	
10. MISUSE		**Page**
Does your research have the potential for misuse of research results?	○ Yes ◉ No	
11. OTHER ETHICS ISSUES		**Page**
Are there any other ethics issues that should be taken into consideration? Please specify	○ Yes ◉ No	

I confirm that I have taken into account all ethics issues described above and that, if any ethics issues apply, I will complete the ethics self-assessment and attach the required documents. ☒

How to Complete your Ethics Self-Assessment

5 - Call-specific questions

Extended Open Research Data Pilot in Horizon 2020

If selected, applicants will by default participate in the Pilot on Open Research Data in Horizon 2020[1] , which aims to improve and maximise access to and re-use of research data generated by actions.

However, participation in the Pilot is flexible in the sense that it does not mean that all research data needs to be open. After the action has started, participants will formulate a Data Management Plan (DMP), which should address the relevant aspects of making data FAIR – findable, accessible, interoperable and re-usable, including what data the project will generate, whether and how it will be made accessible for verification and re-use, and how it will be curated and preserved. Through this DMP projects can define certain datasets to remain closed according to the principle "as open as possible, as closed as necessary". A Data Management Plan does not have to be submitted at the proposal stage.

Furthermore, applicants also have the possibility to opt out of this Pilot completely at any stage (before or after the grant signature). In this case, applicants must indicate a reason for this choice (see options below).

Please note that participation in this Pilot does not constitute part of the evaluation process. Proposals will not be penalised for opting out.

We wish to opt out of the Pilot on Open Research Data in Horizon 2020.	○ Yes	◉ No

Further guidance on open access and research data management is available on the participant portal: http://ec.europa.eu/research/participants/docs/h2020-funding-guide/cross-cutting-issues/open-access-dissemination_en.htm and in general annex L of the Work Programme.

[1] *According to article 43.2 of Regulation (EU) No 1290/2013 of the European Parliament and of the Council, of 11 December 2013, laying down the rules for participation and dissemination in "Horizon 2020 - the Framework Programme for Research and Innovation (2014-2020)" and repealing Regulation (EC) No 1906/2006.*

Cover page

EUCityCalc
European City Calculator: Prospective modelling tool supporting public authorities in reaching climate neutrality

List of participants

Participant No. *	Participant organisation name	Country
1 (Coordinator)	Energy Cities (ENC)	FR
2	Potsdam Institute for Climate Impact Research (PIK)	DE
3	Climact S.A. (Climact)	BE
4	Carbon Market Watch (CMW)	BE
5	Riga Energy Agency (REA)	LV
6	Municipality of Mantova (MUM)	IT
7	Dijon Métropole (DM)	FR
8	Energy and Environment Agency of Arrábida (ENA)	PT
9	City of Žďár nad Sázavou (Zdar)	CZ
10	Association of Energy Managers of Towns and Municipalities (SEMMO)	CZ
11	Regional Energy Agency North (REAN)	HR

Table of Contents

1. Excellence

The EU is a global frontrunner as it catalyses the energy transition, tackles climate change and builds a society that lives within its environmental boundaries. It has undertaken significant efforts to meet the Paris Agreement's objective to limit global temperature increase to well below 2°C. The Energy Union strategy and the "Clean Energy for all Europeans" package have set a robust energy and climate framework for 2030 to cut greenhouse gas (GHG) emissions, increase the share of renewables and energy efficiency. The European 2050 long-term strategy, the Green Deal roadmap and the Recovery plan have laid the foundation for Europe to become the world's first climate-neutral continent and achieve an economy with net-zero GHG emissions by 2050.

In order for Europe's transition towards climate neutrality to become a reality, cities need to be in the driving seat. While cities account for most of GHG emissions and energy consumption in the EU, they are also laboratories that foster transformative solutions. In this respect, the Commission has called on the EU to expand and capitalise on the role of cities in its vision for a climate-neutral EU[1]. Furthermore, cities are at the forefront in addressing climate change, with many among them having declared a climate emergency. Through urban initiatives such as the Covenant of Mayors for Climate & Energy or the European Energy Award, thousands of cities have voluntarily committed to develop and implement Sustainable Energy Action Plans (SEAPs) and Sustainable Energy and Climate Action Plans (SECAPs) to meet or even exceed the EU's 2020 and 2030 energy and climate targets. Many European cities have also committed to become climate-neutral by 2050 or even earlier.

Yet, despite ambitious short- and long-term commitments, only few European cities have succeeded in translating plans into concrete implementation strategies with tangible decarbonisation pathways. There are several reasons for this, which ENC has identified thanks to its European network of 1,000 members and its decade-long experience in co-leading the European secretariat of the Covenant of Mayors. Firstly, many plans of cities often lack clearly defined sectoral milestones and targets. Progress monitoring of actions is also ineffective, as cities can only assess a limited number of indicators. And even if they have data and knowledge available, it is often dispersed, with no centralised platform available to contextualise or leverage this information for planning purposes. As a result, it is difficult for them to effectively plan and operate a climate-neutral transition.

Addressing these problems is of the utmost urgency. **In transitioning towards climate neutrality, European cities and their public officials have to overcome complex systemic challenges that cannot be tackled with a business-as-usual approach:** alongside the energy transition, climate change and environmental degradation, the health and economic crisis triggered by the COVID-19 pandemic requires them to think "outside of the box" in order to resolve these challenges. With the current pace of changes observed, clean technologies can become market competitive in a few years' time, and rapid societal transformations can profoundly alter public support for the transition. Hence, the policy choices and investments that cities make today will determine whether they are setting the right trajectory towards climate neutrality. The milestones and targets they establish for the different sectors on their territory will also set the direction of travel for their key local stakeholders. **All this implies a high level of flexibility and leadership for cities when devising their transition plan towards climate neutrality, continuously iterating it and evaluating its outlook in face of these dynamic developments.** For this, cities need to be equipped with tools, information and skills that empower them to take on the role as local energy transition leaders and plan towards climate neutrality in line with the 2050 EU targets. **This is where EUCityCalc comes into play. Its overall objective is to support European public authorities in planning towards climate neutrality through the prospective modelling approach of the European City Calculator webtool**.

The European City Calculator is an open-source, web-based modelling tool providing cities with a sectoral outlook on the type and ambition of measures they can take, to achieve a transition towards climate neutrality. In addition, such system view highlights the implications and trade-offs between energy, climate, resource use, and socio-economic impacts. As a flexible model adapted to territorial specificities and reflecting the city governance, it supports cities in designing tailored transition pathways and policy scenarios, that allow their stakeholders to explore decarbonisation trajectories in the short- and long-term. **The European City Calculator is thus a prospective modelling webtool**, **providing cities and their public officials with a critical anticipation and foresight ability** on the policy choices and investments they need to make, in order to effectively plan their transition towards climate neutrality. **The European City Calculator is based on the European Calculator**[2], a

[1] European Commission Communication (2018), "Strategic Vision for a Climate Neutral Europe", accessed at: https://ec.europa.eu/clima/policies/strategies/2050_en

[2] http://www.european-calculator.eu/

model of energy, climate, resources (incl. land-use, water, biodiversity, air quality and materials), products and food systems at EU and Member State level representing GHG emissions dynamics until 2050 (see Section 1.3 for how the European City Calculator builds on and enhances the European Calculator model). The European Calculator is the key outcome of the Horizon 2020 R&I project EUCalc, one of the 3 Horizon 2020 projects that contributed to the High-Level Panel of the European Decarbonisation Pathways Initiative[3].

The European Calculator was chosen as basis for the European City Calculator due to two key advantages:

- **Comprehensiveness**: by being built on a system view with strong cross-sector interactions, it can cover issues within the city as e.g. building renovation and transport challenges, and also connect it to all the activities supplying the cities from outside their border. It is also built with both the short- and long-term perspective in mind, thereby ensuring that cities can define their action plan for the next years in light of long-term challenges;
- **User-friendliness**: it is also built to be used by a wide range of stakeholders to support the co-creation of transition pathways and policy scenarios, and visualizing their implications for cities. Users will be able to define complexity on demand, deep diving into the actions and the implications which are closest to their daily issues. It is further intuitive and allows anyone to connect, explore existing pathways and scenarios and build new ones easily, with short calculation times enabling a rapid exploration of a wide range of options linked with potential tradeoffs and synergies. Finally, it covers a broad range of impacts and opportunities for cities.

The market analysis conducted by EUCityCalc during the proposal phase has shown that other tools (e.g. ClimateView, FutureProofedCities) tend to be less comprehensive in their scope, and only focus on short timelines (i.e. few years). This can be misleading, as cities can dismiss their impact beyond their territory from imported goods and energy, and also disregard the real ambition required to reach climate neutrality in the medium- to long-term. EUCityCalc has thus taken on the challenge to capture these issues, while remaining accessible and user-friendly, especially for cities and public authorities (e.g. local and regional energy agencies) as key beneficiaries.

With the European City Calculator at its core, EUCityCalc will support cities in leading the transition towards climate neutrality. It will bring together a broad range of cities in different stages in their transition, but united in the effort to attain climate neutrality. **These 10 cities will spearhead EUCityCalc as pilot cities**:

- The city of Riga (Latvia (LV) – **in short REA**), directly involved as project partner
- The city of Mantova (Italy (IT) – **in short MUM**), directly involved as project partner
- The city of Dijon Métropole (France (FR) – **in short DM**), directly involved as project partner
- The city of Žďár nad Sázavou (Czechia (CZ) – **in short Zdar**), directly involved as project partner
- The city of Palmela (Portugal (PT) - **in short PAL**), indirectly through its local energy agency ENA
- The city of Sesimbra (PT - **in short SES**); indirectly through its local energy agency ENA
- The city of Setúbal (PT - **in short SET**); indirectly through its local energy agency ENA
- The city of Koprivnica (Croatia (HR) - **in short KOP**); indirectly through its regional energy agency REAN
- The city of Varazdin (HR - **in short VAR**); indirectly through its regional energy agency REAN
- The city of Virovitica (HR - **in short VIR**); indirectly through its regional energy agency REAN

EUCityCalc has also gathered support from more than 50 additional European local, regional and national authorities (i.e. cities, regions, energy agencies, ministries, etc.) and from associations representing these public authorities, as evidenced by their letters of support (LoS) (see proposal annex).

The EUCityCalc pilot cities are the outcome of a careful selection process, that began in the early stages of the proposal**.** The proposal idea was presented in a webinar to Energy Cities' network in March 2020, which triggered a lot of interest from its membership. Following the webinar, a call for interest was organised within Energy Cities, which was also extended beyond the network's membership in order to attract an even more diverse selection of pilot cities for the proposal. The call for interest then considered several factors in the final selection of the EUCityCalc pilot cities. Firstly, they represent a geographically balanced set of European cities. Secondly, they have widely differing territorial specificities, planning cultures, key local stakeholders, regulatory frameworks, energy systems, and climatic conditions. And thirdly, by being mostly small- to medium-sized cities, they often face significant resource constraints. This selection ultimately provides an added-value to other European cities, as in spite of their different starting points and challenges, they will showcase the feasibility to plan a transition towards climate neutrality through their involvement in EUCityCalc. The pilot cities will be guided in this undertaking by the scientific and technical partners behind the European Calculator, PIK and Climact, and

[3] DG RTD 2018, Final report of the High-Level Panel of the European Decarbonisation Pathways Initiative, accessed at: https://op.europa.eu/en/publication-detail/-/publication/226dea40-04d3-11e9-adde-01aa75ed71a1

supported by ENC as network of cities in energy transition and CMW as a European NGO experienced in policy, dissemination and communication. ENA will continuously accompany PAL, SES and SET throughout EUCityCalc with technical support, while REAN will do the same for KOP, VAR and VIR. Zdar will also get this dedicated support from SEMMO, the Czech Association of Energy Managers of Towns and Municipalities.

The European City Calculator will support pilot cities in developing scientifically robust, detailed and actionable policy scenarios and transition pathways towards climate neutrality, in line with the 2050 EU targets and underpinned by a cross-sectoral and territorial approach to decarbonisation. This will be done in co-creation with key local stakeholders through expert working groups. The developed scenarios and pathways will be politically binding for the pilot cities, as they will feed into the development and update of their SEAPs/SECAPs and related strategic plans. **The capacity-building approach of EUCityCalc will include three dimensions**. In its first dimension, **the pilot cities will receive**, as outlined earlier, **continued dedicated support** from project partners in developing their transition pathways and policy scenarios towards climate neutrality. The second dimension will consist of **peer-to-peer learning** among all EUCityCalc local and regional partners to exchange their experiences and discuss challenges faced in planning the climate-neutral transition in the pilot cities. The third dimension will then include the **project's multifaceted training programme**. The EUCityCalc training programme will **train an additional 75 cities and public authorities (e.g. local and regional energy agencies) across Europe during the project** in using the prospective modelling of the European City Calculator and adopting a cross-sectoral and territorial approach in planning a climate-neutral transition. **A national and EU-wide dissemination and communication campaign, reaching out to a further 600 European cities and public authorities, will motivate at least 60 more European cities and public authorities to launch this planning process with the webtool's prospective modelling beyond the project's lifetime**. Finally, EUCityCalc will strengthen its pilot cities' role in the multi-level governance framework for their transition towards climate neutrality, especially through the updated National Energy and Climate Plans (NECPs) and National Long-Term Strategies (LTS) in the Energy Union Governance and Climate Action Regulation (Governance Regulation).

1.1 Objectives

The specific objectives of the EUCityCalc project are the following:

Table 1: EUCityCalc objectives

Objective 1	Enable cities to integrate their vision and data on the sectors (e.g. buildings, transport, etc.) on their territory in the prospective modelling framework of the European City Calculator to design transition pathways and policy scenarios towards climate neutrality.
	Measures of success: Data is available for all city-relevant activities across departments, without needing external consulting. Cities can assess under which conditions (e.g. ambition in the short-term by 2030) climate neutrality can be achieved in the long-term (e.g. 2050), and can independently develop and update their transition pathways & policy scenarios with the European City Calculator.
	How will it be achieved: A guide will be produced to adopting a prospective modelling approach on the city-level. It will establish guidelines to leverage existing data and knowledge from cities into the webtool's framework, and also partially automate the data gathering and processing of additional data required from cities. Furthermore, a report will outline methods to enhance the modelling of Scope 1-3 emissions and air quality in cities. Data identification forms will enable cities to gather the necessary data by using these approaches, perform data quality checks and establish their energy and emissions baseline for the webtool. An in-depth demonstration session will finally coach cities in independently developing and updating their transition pathways and policy scenarios with the European City Calculator, and enable them to assess the conditions under which they can achieve climate neutrality in the long-term. **(addressed in WP2-3)**
Objective 2	Explore the opportunities, barriers and trade-offs associated with cities' pathways and scenarios to climate neutrality, and enable them to assess the concrete impact of policy choices on their territories.
	Measures of success: Cities can independently develop their own "measure packages" in their most relevant sectors and evaluate the energy, emissions, resources, and costs benefits for their territories.

	How will it be achieved: The concept of ambition levers (in short levers) will be used to enable cities to design their measure packages, assess the concrete impact of their policy choices and explore the pros and cons of different decarbonisation trajectories towards climate neutrality in their pathways and scenarios. A report will outline how ambition levers such as e.g. travel habits or energy technology can be used by cities to inform the design of their measures, and evaluate the corresponding benefits and trade-offs. It will also illustrate the relationship between these levers and different governance levels (i.e. local, regional, national, EU-level), as well as concrete policies. Moreover, it will outline the adequate governance level that cities can implement these levers on, and highlight in particular the impact that city-level policies can have on their territory, but also on higher governance levels. **(addressed in WP3)**
Objective 3	Enable cities to use the European City Calculator's emission calculation processes in the framework of key urban initiatives such as the Covenant of Mayors and the European Energy Award.
	Measures of success: Cities can employ the European City Calculator webtool to fulfil the Covenant of Mayors' SEAPs/SECAPs criteria, in particular for the baseline emission inventory, as well as the GHG balance criteria of the European Energy Award.
	How will it be achieved: A handbook on the emission calculation methodology of the European City Calculator will be produced to outline in detail how cities can use the webtool to meet the requirements of the Covenant of Mayors for SEAPs/SECAPs, in particular the baseline emission inventory, as well as the GHG balance criteria of the European Energy Award. **(addressed in WP5)**
Objective 4	Co-create policy scenarios and transition pathways towards climate neutrality in the pilot cities by engaging key local stakeholders with the European City Calculator webtool.
	Measures of success: Policy scenarios and transition pathways in line with the 2050 EU targets are established in the 10 pilot cities, through a co-creation process involving in total 200 key local stakeholders in expert working groups. The developed scenarios and pathways feed into the development and update of the pilot cities' SEAPs/SECAPs & related strategic plans.
	How will it be achieved: The key local stakeholders in the 10 pilot cities will be identified and engaged through local communication campaigns to join the expert working groups. A sequential co-creation process will be performed in the expert working groups, which will result in a binding agreement (Memorandum of Understanding) between pilot cities and their key local stakeholders on the policy scenario and transition pathway to adopt in line with 2050 EU targets. Guidelines will be developed for the pilot cities to then insert the adopted scenarios and pathways into the development and update of their SEAPs/SECAPs and related strategic plans. **(addressed in WP4)**
Objective 5	Based on the lessons learnt and skills acquired in the pilot cities in applying the European City Calculator, train other European cities and public authorities (e.g. local and regional energy agencies) in the use of the webtool for planning their own transition towards climate neutrality.
	Measures of success: The multifaceted training programme of EUCityCalc builds up the capacity and skills of at 165 public officials in 75 additional European cities and public authorities (e.g. local and regional energy agencies) in using the European City Calculator webtool during the project's lifetime.
	How will it be achieved: The EUCityCalc training programme will build up the capacity and skills of its participants by employing an active learning approach, where recipients actively engage in the material they are learning, instead of simply listening to and memorising information they receive. The training programme will follow a sequential learning process, which will enable participating European public authorities (cities and local and regional energy agencies) to understand the "big picture" of a transition towards climate neutrality, learn the use of the European City Calculator webtool to develop pathways and scenarios and adopt a cross-sectorial and territorial approach to decarbonisation. **(addressed in WP5)**

Objective 6	Target other European cities and public authorities (e.g. local and regional energy agencies) through an EU-wide communication campaign to disseminate EUCityCalc findings and encourage them to take up the webtool's prospective modelling approach in their planning towards climate neutrality.
	Measures of success: The project's communication campaign reaches out to 600 further cities and public authorities (e.g. local and regional energy agencies) out of which at least 60 will be motivated to launch the planning process for a climate-neutral transition with the webtool 5 years after the project has ended.
	How will it be achieved: By leveraging the network of Energy Cities and its involvement in the Covenant of Mayors initiative as co-leader of its European secretariat, as well as the various memberships of the project's local and regional partners in multipliers (i.e. associations of cities or energy agencies), EUCityCalc will widely promote the European City Calculator as a powerful communication, capacity-building and policy outlet for cities and public authorities to launch a planning process towards climate neutrality with their stakeholders. It will also employ innovative and tailored communication and dissemination tools to share project findings and materials to attract widespread interest beyond the project's lifetime, by developing in particular attractive multimedia tools (i.e. videos, infographics, podcasts, European narrative on prospective modelling in cities) to visualise the language of modelling in an understandable manner for the project's target groups. **(addressed in WP7)**
Objective 7	Strengthen the pilot cities' role in the multi-level governance framework of their transition towards climate neutrality, by enabling them to feed into the update of their countries' NECPs and LTS as part of the EU Energy Union Governance and Climate Action Regulation.
	Measures of success: The pilot cities' SEAPs/SECAPs and related strategic plans outline their contributions to their six countries' updated NECPs and LTS. Policy recommendations are developed to improve the alignment of local, national and EU decarbonisation policies.
	How will it be achieved: An online advocacy training will build the project's local and regional partners' capacity to engage in the Governance Regulation, identify and establish links between their pathways/scenarios and SEAPs/SECAPs with their countries' NECPs and LTS, and formulate country-specific policy recommendations to address national and EU-level barriers through the updated NECPs and LTS. These recommendations will be discussed with national policymakers in six national roundtable workshops (one per country). The project's overall policy recommendations will outline the remaining gaps in the Governance Regulation and how to bridge them, by building on the webtool's approach to connect the levers with governance levels and policies, and the pathways and scenarios developed in the pilot cities. The overall recommendations will be debated in 2 EU-level workshops. **(addressed in WP6)**

1.2 Relation to the work programme of the Energy Efficiency Call for Proposals

EUCityCalc relates to the Horizon 2020 call LC-SC3-EC-5-2020 "Supporting public authorities in driving the energy transition", with the main scope addressed being "Support to local and regional public authorities". The table below outlines the specific challenges and scope of this topic, and how these are addressed by EUCityCalc:

Table 2: Relation between EUCityCalc and the specific challenges and scope of LC-SC3-EC-5-2020

Specific challenges	**How it is addressed by EUCityCalc**
"The delivery of the Energy Union targets requires the full engagement of the public sector at all governance levels. Local and regional public authorities have a crucial role in setting ambitious energy efficiency strategies, e.g. in the framework of the Covenant of Mayors [...]"	EUCityCalc highlights the central role of cities in driving the energy transition. It supports clarifying which actions are needed from the local, national and EU levels. The 10 pilot cities are engaged in the Covenant of Mayors and have developed corresponding ambitious energy and climate action strategies. Through adopting the European City Calculator's prospective modelling, they will embark in a cross-sectoral planning process towards climate neutrality that will contribute to the delivery of the Energy Union targets across all of its five

	dimensions. However, as 10 cities are not enough for meeting the Energy Union's objectives, the project will therefore train during its lifetime an additional 75 cities and public authorities (e.g. local and regional energy agencies) in using the webtool to plan their climate-neutral transition, and also motivate 60 more cities and public authorities to launch this planning process beyond the project period.
"The political commitment at local level should be enhanced and the focus should turn to implementation and effective monitoring of concrete energy efficiency solutions and actions, which can contribute to modernise and decarbonise the European economy."	All pilot cities are well positioned in their countries to act as flagships among peer cities. By showcasing the feasibility to plan a transition towards climate neutrality, they will challenge and encourage other cities to raise their commitments. This will be done mainly through the project's training programme, where similar city profiles to the pilot cities will be identified and targeted, to facilitate peer-to-peer city learning and also enable a high level of uptake and replication. Pilot cities will also demonstrate how to enhance implementation and monitoring of actions, by devising tailor-made "measure packages" that can be flexibly adapted and updated. At EU level, outreach to cities will be strengthened through ENC, which will share project results with the Covenant of Mayors as co-leader of its European secretariat.
"Synergies should be sought, whenever possible, with local and regional air quality plans and air pollution control programmes to reduce costs since these plans rely to a large extent on similar measures and actions."	In EUCityCalc, the pilot cities' transition pathways and policy scenarios will feed into their air quality and pollution control strategies. The project will leverage the PM2.5 modelling work from the European Calculator. It will provide concentrations of pollutants and emissions at country-level. Emissions factors will be scaled with city-specific activity levels (e.g. traffic density) and city-concentrations derived. Linkages to health via country-specific mortality functions will also be created, highlighting the societal impact of air pollution at local level.
"Support should continue and be reinforced in building capacity of public authorities and empowering them to take up their role of energy transition leaders at regional and local level, by permanently improving their skills as public entrepreneurs and supporters of market transformation towards more efficient energy systems."	EUCityCalc will strengthen the capacity of pilot cities and empower them to become transition leaders through various capacity building activities and materials, such as e.g. guidelines for data standardisation, data identification forms to easily gather data and perform data quality checks, and a demonstration session on the webtool. It will further provide them with the webtool a highly flexible instrument to independently design, implement and monitor their transition towards climate neutrality. Moreover, the pilot cities will be able to centralise data across all sectors on one single platform, which will facilitate the engagement with their key local stakeholders. Furthermore, the pilot cities will be supported in accelerating the market transformation towards climate neutrality, by using the webtool to tap into societal and technological trends, and react and adapt to fast-paced changes.
Scope	**How it is addressed by EUCityCalc**
"Support public authorities in the development of policy scenarios and transition roadmaps that clearly outline the path to the European long-term 2050 targets and inform the ongoing implementation of SEAPs/SECAPs or similar plans and the development of future plans/targets for 2030 and beyond.	**This is the core scope addressed by EUCityCalc.** The project will accompany its pilot cities throughout their development and implementation of their transition pathways and policy scenarios towards climate neutrality by using the prospective modelling framework of the webtool. The pilot cities will be supported in ensuring that these plans are scientifically robust, detailed and actionable to comply with the EU's aim to become climate-neutral by 2050. Scope 1, 2 and 3 emissions will be covered to ensure cities can realise their comprehensive impact on GHG emissions. They will be equipped with

Actions should closely link to the Covenant of Mayors initiative and the Energy Union Governance Regulation, where relevant."	guidelines to apply these pathways and scenarios in the development and update of their SEAPs/SECAPs and related strategic plans. EUCityCalc will also enable cities to use the webtool's emission calculation processes in the framework of the Covenant of Mayors. A handbook on its adopted emission calculation methodology will outline how the webtool can be used by cities to meet the criteria for SEAPs/SECAPs, in particular the baseline emission inventory. The 10 pilot cities' SEAPs/SECAPs and related strategic plans will contribute to their six countries' updated NECPs and LTS, and overall policy recommendations will outline how to better align city, national & EU decarbonisation policies through the Governance Regulation.
"Enhance decision-making processes of regional and local authorities, to deliver a higher quality, coherence and consistency of energy efficiency measures - and accelerate reaching targets [...]"	The prospective modelling of the European City Calculator aims to simplify cities' decision-making processes, by giving them a systems view on which measures they can take in which sectors, using varied levers adapted to their territorial specificities, to achieve the impacts consistent with a transition towards climate neutrality. EUCityCalc also provides the necessary data for the design and delivery of more qualitative, coherent and consistent measures, laying the foundation for cities to reach their short- and long-term targets more rapidly.
"[…] developing interface capacities within public authorities to engage with civil society."	The EUCityCalc pilot cities will be equipped with enhanced interface capacities to engage the key local stakeholders of their expert working groups, in particular civil society actors. Their main instrument will be tailored and easily adaptable local communication campaign toolkits, that will be developed by CMW and ENC. CMW, as a European NGO experienced in engaging and working with civil society actors across Europe, will furthermore support the project's pilot cities with methods to facilitate the outreach to key civil society actors on their territories.
"Deliver innovative capacity-building programmes for cities and/or regions to step up their capacity to drive the sustainable energy transition [...]"	The capacity-building approach of EUCityCalc will include three dimensions. In its first dimension, the pilot cities will receive continued, **dedicated support** from experienced local and regional energy agencies and national city network partners, and from the scientific and technical partners behind the European Calculator in developing their transition pathways and policy scenarios towards climate neutrality. The second dimension will consist of **peer-to-peer learning** among all the project's local and regional partners to exchange their experiences and discuss challenges faced in planning the climate-neutral transition in the pilot cities. The third dimension includes the **project's training programme**, which will train 75 cities and public authorities across Europe during the project in the webtool and adopting a cross-sectoral and territorial approach in planning a climate-neutral transition.

Involvement of relevant key actors and target groups

Key actors

EUCityCalc will firstly involve the **10 pilot cities as key actors in the project**. The pilot cities will contribute with key staff from various departments, especially from those with a strategic function and planning competence within their administration, i.e. that are in charge of data collection and planning documents such as SEAP/SECAP, Smart City concepts, urban development and air quality strategies. **The political commitment of the pilot cities is demonstrated by their letters of commitment (LoC) (see proposal annex), which are provided by their mayors, deputy mayors or technical directors**. This backing will ascertain that the pilot cities' planning towards climate neutrality through the European City Calculator constitutes a transformative and durable undertaking.

The second group of key actors are the pilot cities' respective local and regional energy agencies, in particular for PAL, SES, SET, KOP, VAR and VIR. ENA and REAN will provide continuous technical support to the aforementioned pilot cities throughout the development process of their transition pathways and policy scenarios towards climate neutrality. This technical expertise will also be provided by the **third group of key actors, the scientific and technical project partners** PIK and Climact, responsible for the creation of the European Calculator and its refinement into the European City Calculator.
ENA and REAN will also form part of the **fourth group of key actors, the multipliers**, by participating in the project's peer-to-peer learning, capacity building and dissemination activities, in particular at national level. Another such a multiplier at national level will be SEMMO as the Czech Association of Energy Managers of Towns and Municipalities, which will also accompany the pilot city Žďár nad Sázavou throughout its planning towards climate neutrality. At EU level, the multipliers are ENC as European city network and CMW as European NGO. They will lead dissemination, communication and policy activities. Furthermore, they will contribute to peer-to-peer learning and capacity building, which will also be the case for PIK & Climact.
The pilot cities' cross-sectoral and territorial approach to decarbonisation requires the close and continued involvement of **key local stakeholders, which will form the fifth group of key actors**. These stakeholders will provide vital inputs to the pilot cities' transition pathways and policy scenarios. As their trust, buy-in and support is essential to the planning of the pilot cities' climate-neutral transition, they will take part in the expert working groups as part of the project's co-creation process. (described in detail in Section 1.3).

Table 3: Overview of key actors involved in EUCityCalc

Key actors	**Involvement in project**	**Letters of commitment / support or other evidence**
10 Pilot cities with key staff from strategic departments	4 cities (Zdar, MUM, DM, REA) directly as project partners 6 cities (PAL, SES, SET, KOP, VIR, VAR) indirectly via ENA & REAN As expert working groups members	Letters of commitment received from all 10 pilot cities, attached as annex to the proposal
Local and regional energy agencies	ENA & REAN as project partners support 6 pilot cities with expertise & lead their expert working groups	Participant Information
Research institutes and engineering consultancies	PIK & Climact as project partners support all pilot cities with expertise	Participant Information
Multipliers	ENC, CMW, ENA, REAN and SEMMO as project partners	Participant Information
Key local stakeholders (e.g. industry, energy suppliers, data observatories, NGO, academia)	As members of the expert working groups in the 10 pilot cities As linked third parties	22 Letters of support attached as annex to the proposal, divided by pilot cities

Key target groups
Considering that EUCityCalc aims to mobilise and motivate more public authorities (especially cities and local and regional energy agencies) to plan their transition towards climate neutrality through prospective modelling, **the most critical target group are European cities and their public officials**, in particular staff from strategic departments with responsibility for key planning documents such as SEAP/SECAP. The project will propose its findings and training programme in particular to this target group both on a national and a European level, through the various multipliers among its consortium partners. EUCityCalc will also target other relevant groups with a stake in the climate-neutral transition at local level through dissemination of project information and invitation to its activities, such as policymakers at regional, national and EU level, academia, think tanks and NGOs.

Table 4: Overview of key target groups addressed in EUCityCalc

Key target groups	Involvement in project	Letters of support
European cities and their public officials from key departments	Invited to join trainings & project events via ENC, ENA, REAN, SEMMO, CMW and pilot cities national & EU-level dissemination activities	28 Letters of support, attached in proposal annex
European local and regional energy agencies	Invited to join trainings via ENA, REAN, ENC & CMW national & EU dissemination activities	13 LoS, attached in proposal annex
Policymakers at regional, national and EU level	Invited to join events through national dissemination by pilot cities & EU dissemination by ENC & CMW	7 LoS, attached in proposal annex
Other multipliers such as associations of cities, associations of energy agencies	Spread information about project trainings and events to their members through ENC, ENA, REAN, SEMMO & pilot cities	4 LoS, attached in proposal annex
Academia and think tanks	Invited to join events via ENC, CMW, PIK and Climact national & EU-level dissemination activities	3 LoS, attached in proposal annex
Key local stakeholders of the expert working groups, and stakeholders not part of groups	Through stakeholder opinion leaders in expert working groups and via local communication campaigns of pilot cities	2 LoS, attached in proposal annex

1.3 Concept and methodology; quality of the measures

a. Overall project concept and how it addresses the needs and constraints of key actors

For cities to plan their climate-neutral transition, they need to understand the "big picture" of what this transition implies for all their sectors and actors. They have to demonstrate agility in the face of fast-paced changes, while also having to look ahead in the short- and long-term. Their measures need to be adapted to their territorial specificities and context, but also fit a robust decarbonisation trajectory consistent with climate neutrality. Cities have to conduct this transition by setting the direction of travel and engaging their key local stakeholders to leverage their support and buy-in. But cities face constraints preventing them from taking on this leadership role:

Table 5: Needs and constraints of cities & how they will be addressed by EUCityCalc

Needs and constraints of cities	How they will be addressed by EUCityCalc
Lack of quality data that can be accessed on regular basis and in a timely manner;	Provision of enabling methods and guidance for data collection, processing and standardisation, as e.g. guidelines for integration of data and knowledge into the webtool, data automation protocol and processing;
Lack of internal capacity, with public officials not being able to gather and contextualise available data on a centralised platform, or communicating and integrating this data across departments;	Capacity-building activities to train cities in contextualizing data through the European City Calculator as centralised platform, with e.g. demonstration session on how to use the webtool;
Lack of staff and time to develop plans, often having to rely instead on external expertise which at best delivers a generic, static report without tangible milestones and targets, and which doesn't adequately reflect their territorial specificities;	Capacity-building materials and activities as e.g. guidelines for insertion of pathways and scenarios into SEAPs/SECAPs, webtool demonstration session, to enable cities to gather data for all city-relevant activities across departments without needing external consulting, and to use the webtool to independently develop and update scenarios and pathways that they can transpose into their SEAPs/SECAPs;
Difficulties in developing own policy scenarios and transition pathways, and as a result, their decision-making processes are hampered by incomplete	Provision of continuous support and guidance by e.g. scientific and technical project partnes, tailored to the territorial specificities and context of pilot cities, to

assessment of benefits, trade-offs, synergies and impacts of the choices and investments they make;	ensure scientific robustness and technical rigour in their transition pathways and policy scenarios;
Lack of insight into which levers they can pull to which extent, in order to affect their decarbonisation trajectory in the short- and long-term;	Capacity-building materials as e.g. report on relation between levers and governance levels & policies, to highlight the impact that city-level policies can have across governance levels;
National and EU-level barriers often prevent them from adopting ambitious policies on their territory (e.g. more stringent building code)	Capacity-building activities as e.g. online advocacy training on the Governance Regulation to help pilot cities formulate recommendations to address barriers;

EUCityCalc deems the prospective modelling webtool of the European City Calculator as essential to building cities' capacities, but also considers it vital to enable a multi-level governance framework that leverages the key role of cities in the transition towards climate neutrality. **Thus, the overall concept of EUCityCalc combines**:

- **The European City Calculator prospective modelling webtool**, which builds on the European Calculator model for the EU- and Member States level, but is refined to enable city-level modelling in a highly flexible, easily accessible and transparent manner across all sectors on the territory;
- **10 pilot cities, which represent a geographically balanced and diverse set of mostly small- to medium-sized cities**, that are well-placed to learn from each other and provide valuable lessons and guidance for the planning of the climate-neutral transition of many more similar European cities;
- **Continuous support and guidance tailored to the territorial specificities and context of pilot cities,** provided by the scientific and technical partners behind the European Calculator and by experienced practitioners from the local and regional energy agencies and national city network partners, to ensure scientific robustness and technical rigour in the pilot cities' transition pathways and policy scenarios;
- **Scientifically sound advice and know-how provided by the expert members of the advisory board**, to ensure EUCityCalc is firmly grounded in the realities that shape cities' planning of a climate-neutral transition;
- **An innovative co-creation process with key local stakeholders in the pilot cities**, consisting of expert working groups in order to build support, buy-in and trust for their transition towards climate neutrality;
- **Online advocacy training provided** by a European NGO and European city network experienced in policy, to help the pilot cities, local and regional energy agencies and national city network partners in navigating the multi-level governance framework for climate neutrality, in particular **the Governance Regulation**;
- **A multifaceted training programme for European cities and public authorities to learn the use of the European City Calculator,** understand the "big picture" of the transition towards climate neutrality and adopt a cross-sectorial and territorial approach to decarbonisation;

<u>The European City Calculator tool - a state of the art approach to city-level prospective modelling</u>

The conceptual starting point of the European City Calculator webtool is the flexible web-interface of the European Calculator, which is the key outcome of the Horizon 2020 R&I project EUCalc, as mentioned earlier. **The European Calculator is best described as a simulation model composed of sequential operations**, **without recurring to complex feedback mechanisms or optimisation**. While optimisation models are the norm in decarbonisation analysis, they struggle to capture transformative change and the dynamics associated with disruption, innovation, and non-linear change in human behaviour[4]. Accordingly, policy optimisation models are now being complemented with policy simulation models, to enable exploring the full abatement strategy space[5]. Simulation models are useful tools to investigate the full option space for climate mitigation in particular, as shifts in preferences for mobility, housing or diets can be imposed exogenously, and technology options can sometimes not be ready yet for cost-effective market deployment. **The most defining feature of the European Calculator model are the so-called "ambition levers" (in short levers)**. These levers[6] set the 2020-2050 trajectories at the

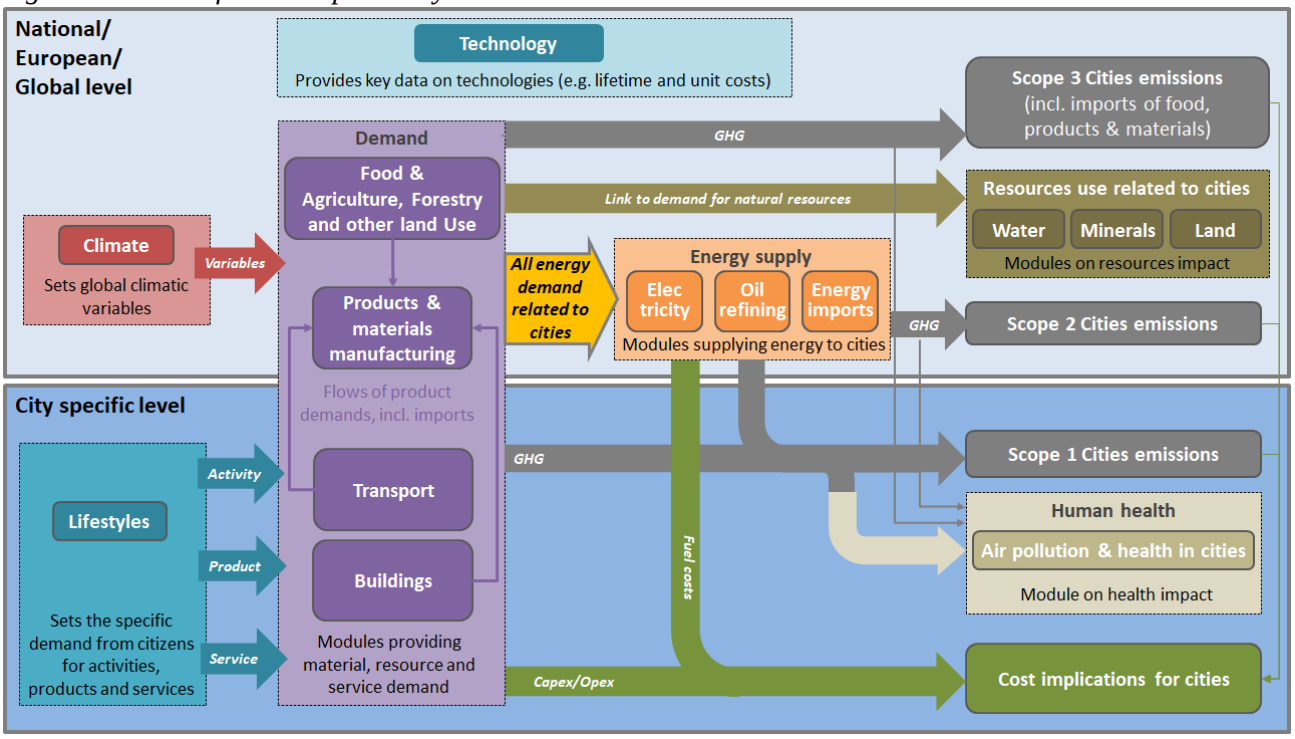
[4] Rockström J et al. 2017, A roadmap for rapid decarbonization, Science 355, pp. 1269–71.

[5] Lamontagne J R et al. 2019, Robust abatement pathways to tolerable climate futures require immediate global action, Nature Climate Change 9, pp. 290–294.

[6] For a full set of ambition levers in the European Calculator model: http://www.european-calculator.eu/wp-content/uploads/2020/04/EUCalc_D9.6_EUCalc-model-Pathways-Explorer-release-2.pdf

country-level for technology, lifestyles and agricultural practices. The term ambition refers to whether a trajectory represents the continuation of current trends, or that associated with a transformational level, both in terms of societal change and technology deployment. At the country-level scale, the European Calculator consists of 18 modules representing the evolution of climate, lifestyles, energy supply, resource and material demand/supply, technology costs, carbon capture use and sequestration and societal impact of air pollution and employment. At the core of the European Calculator model are the modules representing the energy-relevant sectors of agriculture, buildings (incl. district heating and cooling), electricity[7], transport and manufacturing. Consultations with experts across co-creation workshops[8] within EUCalc have challenged assumptions made by module developers and lead to further improvements. **The prospective modelling of the European City Calculator in EUCityCalc carries over many of the defining features of the European Calculator. The below figure shows the representation of the European City Calculator model, including its different aspects and dimensions**:

Figure 1: Model of the European City Calculator



Firstly, the European City Calculator takes over many of the key outputs of the European Calculator model in its city-level modelling. These outputs include not only GHG emissions, but also energy metrics around all relevant sectors on the territory of a city (transport, buildings, energy, industry, agriculture). The European City Calculator also accounts for physical implications across these sectors (e.g. amount of floors under renovation, composition of municipal fleet), as well as investment levels. Additionally, it accounts for air quality (PM2.5e), food supply and land-use among its modelled outputs. Costs associated with the roll-out of particular strategies or technologies, such as capital expenditures per transport mode, are considered. Key interlinkages between sectors are also modelled: e.g. the renovation of roads would in turn require the manufacturing sector to deliver cement and other materials, which comes with associated emissions. Thus, cities are provided with a standardised accounting of their GHG footprint and climate mitigation potentials for Scope 1, 2 and 3 emissions (see explanatory table of Scope 1-3 emissions on following page) with the European City Calculator. Tackling Scope 3 emissions is also key, as in Europe, about 2/3 of consumption-based GHG emissions are imported from regions outside cities[9].

[7] Gyalai-Korpos M et al. 2020, The Role of Electricity Balancing and Storage: Developing Input Parameters for the European Calculator for Concept Modeling, Sustainability 12, p. 811, accessed at: https://www.mdpi.com/2071-1050/12/3/811

[8] Rankovic A and Patrick-Kelly G 2019, Implementing co-designed research: Experiences gained from expert consultation workshops, accessed at: http://www.european-calculator.eu/wp-content/uploads/2019/12/EUCalc_D9.7.pdf

[9] https://www.c40.org/researches/consumption-based-emissions

Table 6: Overview of Scope 1, 2 and 3 GHG emissions for a city - in terms of Scope 3 emissions, examples can also include imports of food (and impact on deforestation) and imports of products (e.g. materials, goods)[10]

Scope	Definition	Category	Examples
Scope 1 = Territorial	Carbon emissions from sources located within the city.	In-boundary	• Natural gas consumption • Fugitive emissions from mining coal • Fuel consumption in vehicles • Wastewater generated in the city • Emissions from livestock
Scope 2	Use of grid-supplied electricity in the city.	Grid-supplied energy sources	• Electricity use in commercial buildings • Electricity use in residential buildings • Electricity use for streetlighting • Charging electric vehicles • Electricity use for railways
Scope 3	All other carbon emissions that occur outside the boundary of the city as a result of activities within the city.	Out-of-boundary	• Transmission and distribution losses of grid-supplied electricity • Waste disposal and treatment outside the city/LGA boundary • Transboundary transportation

Secondly, the European City Calculator can leverage many of the levers from the European Calculator model, simulating the technical and social changes needed for climate neutrality. These levers range from behavioural to technical, such as e.g. travel habits or energy technology. Each lever is related to one or several governance levels, between EU (e.g. car technology), country or city level (e.g. modal shift). The levers are connected to measures and indicators, and thus can simulate a large range of decarbonisation options for cities. They are intuitive enough to be used by non-experts, while at the same time providing enough detailed and open-source modules to technical experts to ensure the transparency of the calculations. The trajectories can be easily visualised and updated to match the new outlook of the city if it is needed. The ambition levers of the European City Calculator introduce four possible course of action - to follow historical trends, intermediate effort, very ambitious effort and drive transformational change -, which have been carried over from the European Calculator:

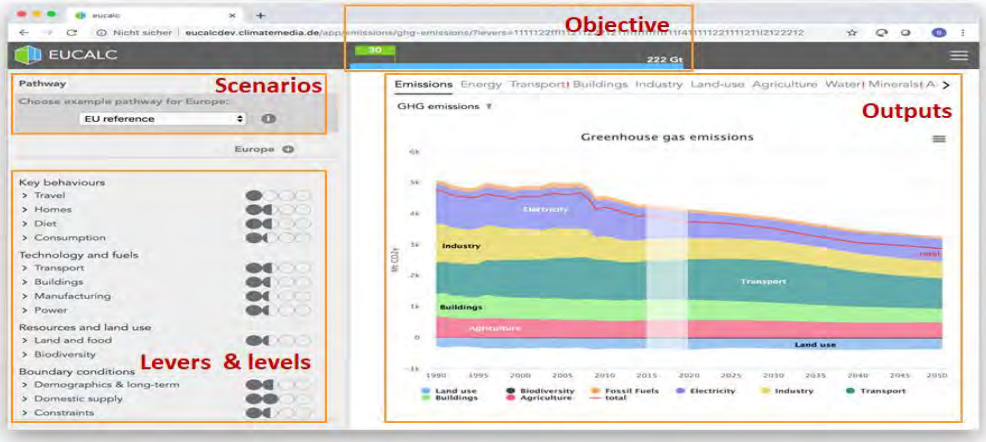
Table 7: The four possible course of action for the ambition levers in the European City Calculator:

Level 1	*Level 2*	*Level 3*	*Level 4*
Projections of **historical trends.**	**Intermediate scenario**, more ambitious than a projection of historical trends but not reaching the full potential of available solutions.	**Very ambitious but realistic** scenario, given the current technology evolutions and the best practices observed in some geographical areas.	**Transformational requiring additional breakthroughs** or efforts such as cost reduction for key technologies, very fast deployment of infrastructures, technological advances, strong societal change, etc...

The European City Calculator will include documentation of the assumptions, ideas and data behind the ambition levers, so cities using the webtool can understand the context underlying the simulations of the prospective modelling. The model of the webtool will also be highly flexible, in order to enable cities to determine themselves which aspects are critical to address on their territory (e.g. traffic, heating, electricity).
The European City Calculator carries over the majority "scenario exploration" function of the European Calculator, which includes ambition levers and levels (i.e. course of action) (bottom left side of the figure on the following page); scenarios (top left side) and outputs (bottom right side). While the overarching objective of the European Calculator was to keep EU emissions below a budget compliant with 2 or 1.5 degrees (see blue bar above outputs), this might not be the optimal metric for cities to benchmark against national and EU 2030 and 2050 emission targets with the European City Calculator. Accordingly, EUCityCalc will consult with pilot cities on different benchmark criteria available - from simple (e.g. carbon law[11]) to more complex ones (e.g., down-scaled carbon budgets). The most consensual metric will then be implemented in the European City Calculator webtool.

[10]According to the definition of the scopes by GPC, the Greenhouse Gas Protocol for cities, accessed at: https://ghgprotocol.org/greenhouse-gas-protocol-accounting-reporting-standard-cities
[11] Rockström J et al. 2017, A roadmap for rapid decarbonization, Science 355, pp. 1269–71.

Figure 2: Web interface of the European Calculator and its Transition Pathway Explorer[12]



<u>A balanced selection of pilot cities reflecting the diversity and challenges faced by European cities</u>

The concept of a European City Calculator requires it to be open enough to appeal to a broad variety of cities, while at the same time being able to be tailored to each city's availability of both data and resources. The 10 EUCityCalc pilot cities, with their widely differing starting points and conditions, reflect the diverse challenges faced by European cities in planning the transition towards climate neutrality, and are thus suited to act as demonstrators, from which valuable lessons and guidance can be derived for the further take-up of the webtool. The selection of Riga, Mantova, Dijon Métropole, Žďár nad Sázavou, Palmela, Sesimbra, Setúbal, Koprivnica, Varazdin and Virovitica (see Excellence section for description of early engagement and selection process) was further underpinned by the assumption that planning a transition towards climate neutrality will require different priorities, measures and investments, depending on the territorial specificities and context within each city - in terms of stakeholders to engage, climatic conditions to take into account, planning cultures, regulatory frameworks and energy systems.

The pilot cities, being mostly small- to medium-sized cities, also have widely differing challenges to address in their climate-neutral transition, such as decarbonising industry (PAL, SES, SET), renovating historic buildings (MUM as UNESCO World Heritage city), reducing household consumption (REA), decreasing share of individual private car trips (Zdar, DM) and retrofitting private buildings (KOP, VAR and VIR).

However, the pilot cities also share similarities that will facilitate their peer-to-peer learning, such as difficulties in gathering, centralising and contextualising data, independently developing and updating transition pathways and policy scenarios, and effectively monitoring progress made. Moreover, they are at different stages in their transition, which will enable mutually beneficial experience sharing between the frontrunners and beginners (those supported in the project by local and regional energy agencies and national city network partners). The pilot cities are also united in transiting towards climate neutrality (see their letters of commitment in proposal annex).

<u>Tailored technical and scientific support and guidance for the pilot cities</u>

Planning a transition towards climate neutrality is a complex, multifaceted challenge for the pilot cities that cannot be addressed with a one-size-fits-all solution. Each scenario and pathway comes with its technological, socio-economic, energy and emission implications, as well as different opportunities, costs, externalities and trade-offs for the city and its actors. The rapid pace of changes requires an equally fast reaction to be in tune with the latest science, socio-technical and economic developments. Pilot cities will need to acquire competences on the webtool's model and its interdisciplinary concepts: policy simulation modelling, prospective analysis, social science and humanities of the transition (e.g. behavioural levers), data contextualisation and cross-sectorial design of measures. PIK & Climact, as scientific and technical partners behind the European Calculator, are ideally placed to enrich these competences, thereby ensuring the scientific robustness of their scenarios and pathways towards climate neutrality. Technical rigour is ascertained throughout this process by the experienced practitioners from the local and regional energy agencies (ENA and REAN) and national city network partners (SEMMO), given their strength in data collection (through their energy observatories), policy analysis and methodological discipline.

[12] http://tool.european-calculator.eu

The expert members of the project advisory board to enrich competences of project partners

The role of the project advisory board is to provide strategic guidance and external insight to the EUCityCalc partners, to anchor the project firmly in the societal, regulatory and policymaking realities that shape cities' planning of their climate-neutral transition. The members of the project advisory board are experts in their field and are well-placed to provide scientifically sound advice and know-how, especially to the pilot cities and the other local and regional partners. They will join 3 project meetings (kick-off, interim and final meeting), and provide their expertise on key tasks within the project (e.g. input to focus group session in **WP6**). The 5 members of the advisory board have confirmed their interest in joining the project through an LoS (see proposal annex):

- **Erica Hope**, Director for Climate Planning and Laws, European Climate Foundation;
- **Matthias Duwe**, Head of Climate, Ecologic Institute;
- **Eddy Deruwe**, Flemish Energy Agency, Coordinator of the LIFE IP BE REEL! project;
- **Dr. Ekki Kreutzberger**, Delft University of Technology, Coordinator of the 2050 CliMobCity project;
- **Prof. Júlia Seixas**, University of Lisbon, Center for Environmental and Sustainability Research;

Expert working groups - foundation of co-creation engagement process in the pilot cities

As cities' administrations are only responsible for a fraction of the GHG emissions on their territory, planning their transition towards climate neutrality must account for their key local stakeholders to be an effective undertaking. EUCityCalc holds the view that for cities to act as conductors of this transition, the direction of travel they set for their stakeholders has to leverage their support, buy-in and trust. Thus, innovative engagement concepts are needed to overcome sectorial silos, bridge departmental divides within city administrations and reach out to stakeholders in a time when large-scale gatherings could remain constrained by the COVID-19 pandemic.

In response, EUCityCalc bases the engagement process of its pilot cities in the co-creation format of small-scale, but targeted expert working groups with key local stakeholders. The expert working groups bring together the public officials from the pilot cities in charge of their SEAPs/SECAPs and related strategic plans with their stakeholders across sectors (e.g. industry, energy suppliers, data observatories, NGOs, academia). In the case of the Croatian, Portuguese and Czech pilot cities, the local and regional energy agencies and national city network partners will support them in chairing their expert working groups. Additionally, depending on the stakeholders present in the pilot cities' expert working groups, further public officials from other relevant departments (e.g. transport, housing) within the pilot cities will join the face-to-face meetings of the expert working group, in particular officials with planning competence. Thus, the composition of the expert working groups will vary depending on the territorial context of each pilot city. However, the key function of the expert working groups will be the same across pilot cities, consisting in leveraging feedback to co-build their transition pathways and policy scenarios towards climate neutrality. This format will not only foster collaboration and learning between the pilot city and its stakeholders (external dimension), but also between their departments (internal dimension).

Online advocacy training on the multi-level governance framework for climate neutrality

EUCityCalc departs from the perspective that cities are in the driving seat of the EU's transition towards climate neutrality. However, even as empowered and ambitious transition leaders on their territory, cities don't operate in a closed environment, as they are impacted by the decisions taken by higher-tiered governance levels (e.g. national, EU-level) in planning their transition towards climate neutrality. Adopting a multi-level governance perspective is thus necessary, which considers in particular enabling and constraining national- and EU-level factors (e.g. measures, policies) affecting cities, and the necessity of aligning city, national and EU decarbonisation policies for the transition towards climate neutrality. In the EU, the multi-level governance framework for climate neutrality is strongly determined in the short- and long-term by the Governance Regulation, in particular by its NECPs (short-term, till 2030) and LTS (long-term, till 2050) developed and implemented by Member States, and assessed by the Commission for their compatibility with EU objectives. NECPs and LTS are key planning instruments that affect cities' measures across sectors (e.g. transport, buildings) and thus their decarbonisation trajectories. Hence, the Governance Regulation forms the key policy context for the EUCityCalc pilot cities. Being able to navigate and understand the Governance Regulation becomes a necessity for the pilot cities as well as for the local and regional energy agencies and national city network partners, in view of influencing its upcoming key milestones, which are the update of the NECPs in 2023/24 and the LTS in 2024/25. The Governance Regulation and these milestones are then the key topic for the online advocacy training provided to the pilot cities to enrich their knowledge and skills in this field. As a result of this training, country-specific policy recommendations will be developed by all local and regional partners for the 6 countries in which the pilot cities are located (LV, IT, FR, HR, CZ, PT), which

will be debated in national roundtable workshops with policymakers and stakeholders to shape these countries' updated NECPs and LTS. CMW and ENC are well positioned to provide the online advocacy training, given their experience and capacity in shaping the Governance Regulation. Furthermore, the European City Calculator closely links to this training, as it includes multi-level governance in its inputs (each lever will be associated to a governance level), and model results (comparing the ambitions of national and city pathways). Finally, CMW and ENC will establish the project's overall policy recommendations to improve the alignment between city, national and EU policies towards climate neutrality, in particular in the frame of the Governance Regulation.

Active learning as backbone of the training programme of the European City Calculator

As the web-based, open-source and interactive prospective modelling tool of the European City Calculator is a hands-on instrument underpinned by a variety of interdisciplinary technical and scientific concepts (e.g. prospective analysis, simulation modelling, etc.), the design of the EUCityCalc training programme reflects this notion by basing itself on the principles of active learning. Active learning[13] means that recipients engage in the material they are learning, instead of simply listening to and memorising information they receive from their instructors. Recipients learn more when they actively participate and collaborate in the learning process, be it through e.g. practice, application, discussion and review, then when they are subject to a traditional learning style where they have to merely absorb information presented by the instructor[14]. EUCityCalc thus views active learning as suitable to the purposes of its training programme, which are for European public authorities (cities and local and regional energy agencies) to understand the "big picture" of a transition towards climate neutrality, learn the use of the European City Calculator webtool and adopt a cross-sectorial and territorial approach to decarbonisation. With active learning, they can learn about the model and concepts underlying the webtool, but are not limited to this knowledge, since they can apply it in the webtool itself in a dynamic and interactive manner, with concrete results (i.e. transition pathways and policy scenarios) that can be linked to their planning towards climate neutrality.

b. Overall methodology of the project

The aforementioned concepts will be transposed into the methodological approach of the EUCityCalc project. The methodological approach is divided into the following phases, of which an overview is provided below:

- **Phase 1:** Prepare guidance materials on the European City Calculator prospective modelling framework;
- **Phase 2:** Support the pilot cities in establishing their energy and emissions baseline, through enabling methods and guidance for data collection, processing and standardisation;
- **Phase 3:** Tailor the European City Calculator to the pilot cities' territorial specificities and context underpinning their climate-neutral transition, through the adoption of an iterative co-definition process;
- **Phase 4:** Implement the co-creation process of transition pathways and policy scenarios towards climate neutrality by using the webtool with key local stakeholders in the pilot cities, through a sequential approach to co-creation in expert working groups and local communication campaigns;
- **Phase 5:** Take stock of the application process of the European City Calculator in the pilot cities and anchor lessons learnt in the training programme on the webtool for European cities and public authorities;
- **Phase 6:** Leverage the developed pathways and scenarios in the pilot cities in shaping the Governance Regulation as key multi-level governance framework for climate neutrality, through hands-on online advocacy trainings, a capacity-building toolkit and consolidated policy recommendations;
- **Phase 7:** Engage other European cities and public authorities to plan a climate-neutral transition with the webtool, through communication and dissemination visualising the language of modelling;

Phase 1: Preparing guidance materials on the European City Calculator prospective modelling framework

Here, the project will prepare the following guidance materials on the webtool's underlying model and concepts:

A guide to adopting a prospective modelling approach on the city level: An integrated modelling approach has to be adopted in order to effectively exploit the concepts underpinning the prospective modelling approach of the European City Calculator. Such an integrated approach is already widely used at the national, regional and EU levels[15], thereby allowing for iterative target setting and revision between policy makers, planners and researchers.

[13] https://teachingcommons.stanford.edu/resources/learning-resources/promoting-active-learning

[14] Grunert, J (1997), The course syllabus: A learning-centered approach, Bolton, MA: Anker Publishing Co, Inc.

[15] Lopion, P et al. 2018. A review of current challenges and trends in energy systems modeling. *Renewable and sustainable energy reviews*, *96*, 156-166.

The uptake of similar integrated approaches by cities has been rare[16], with cities often relying on more detailed, consulting-based studies. However, this approach is ill-suited for cities, as they have to update their planning flexibly to match fast-paced developments and ever-changing needs. Hence, EUCityCalc will develop a guide to adopt its prospective modelling approach on the city level. It will identify overarching categorisations of challenges faced by cities from literature review[17] and derive recommendations to overcome them. For the Czech, Croatian and Portuguese pilot cities, SEMMO, REAN and ENA will be involved in this identification process **(WP2)**.

Guidelines to insert city information, knowledge and vision into the webtool's model: To enact the adoption of the webtool's prospective modelling approach, EUCityCalc will equip the 10 pilot cities, ENA, SEMMO and REAN with guidelines to leverage existing information, knowledge and vision into the webtool's model (**WP2**). The first phase is critical for pilot cities before using the webtool to develop their pathways and scenarios, as it builds their knowledge about the model and its concepts. It is also key for SEMMO, ENA and REAN, as they will accompany the webtool' application process by the Czech, Portuguese and Croatian pilot cities, and design and deliver the project's training programme on the European City Calculator webtool **(WP5)**.

Objective 1: Enable cities to integrate their vision and data on the sectors (e.g. buildings, transport, etc.) on their territory in the prospective modelling framework of the European City Calculator to design transition pathways and policy scenarios towards climate neutrality.

Phase 2: Supporting the pilot cities in establishing their energy and emissions baseline through the webtool

This phase will support the pilot cities in establishing their energy and emission baseline for the webtool. Firstly, the available data of the pilot cities, ENA, REAN and SEMMO will be identified, including on Scope 1-3 emissions and air quality. Based on this analysis, a template with data gathering priorities will be established. Secondly, the methods and sources will be defined to collect and process data that is currently not available. The methods employed will aim at setting up a protocol to automatically fill missing data, such as through downscaling and refining data from higher governance levels - building on data from the European Calculator -, or leveraging it from cities similar to the pilot cities **(WP2-3)**. Thirdly, pilot cities, ENA, REAN and SEMMO will benefit from regular interactions and coaching from PIK and Climact in regard to the data collected. Fourthly, developed guidelines for data standardisation and harmonisation will facilitate data insertion into the pilot cities' baseline **(WP2-3).** Based on the EUCityCalc's local and regional partner's experiences with the data approach, as well as the interactions of participating public authorities in the training programme with this approach, a handbook on its emission calculation methodology will be developed. The handbook will outline how cities can use the webtool to comply with the SEAPs/SECAPs requirements of the Covenant of Mayors (especially its baseline emission inventory), and also how it can be used to fulfill the GHG balance criteria of the European Energy Award. **(WP5)**.

Objective 1: Enable cities to integrate their vision and data on the sectors (e.g. buildings, transport, etc.) on their territory in the prospective modelling framework of the European City Calculator to design transition pathways and policy scenarios towards climate neutrality.
Objective 3: Enable cities to use the European City Calculator's emission calculation processes in the framework of key urban initiatives such as the Covenant of Mayors and the European Energy Award.

Phase 3: Tailoring the webtool's features and interface to the pilot cities' territorial specificities and context

The approach taken here follows three processes: to tailor the webtool's features and interface to the territorial specificities and context underpinning the pilot cities' climate neutral-transition; to train the pilot cities in using the webtool to implement the co-creation process of their pathways and scenarios towards climate neutrality with their key local stakeholders; and to also train ENA, REAN and SEMMO in the webtool's use, for supporting the co-creation process of the Czech, Portuguese and Croatian pilot cities, and the design and delivery of the training programme **(WP3-5)**. A highly collaborative, iterative co-definition process, consisting of several feedback

[16] Chalendar, J. A. et al. (2019). City-scale decarbonisation experiments with integrated energy systems. *Energy & Environmental Science*, *12*(5), 1695-1707.

[17] Lim, C. et al. (2018). Smart cities with big data: Reference models, challenges, and considerations. *Cities*, *82*, 86-99.

sessions and a survey, will be adopted to ensure that the transition from the European Calculator to the European City Calculator meets cities' needs. This will consist in several refinements and additions to the webtool:

- Co-determine the ambition levers pertinent to city-level modelling;
- Connect the levers to governance levels and corresponding policies at these levels, by highlighting the impact that city-level policies can have, not only on their territory but also on higher governance levels;
- Co-specify the indicators and sectors that require more detailed modelling, and flexibly adapt the graphs included in the webtool based on pilot cities' inputs;
- Introduce comparison of scenarios, across cities and between cities and countries/EU-level, to enable the pilot cities to benchmark between themselves, with other cities and their countries/EU-level;

This process will conclude in creating an operational version of the European City Calculator webtool, on which the pilot cities, ENA, REAN and SEMMO will be trained by PIK & Climact through 1 face-to-face demonstration session. The webtool will be translated into the pilot cities' 6 national languages to facilitate use by local and regional partners **(WP3)**. The approach to connect the levers with governance levels and policies **(WP2)** will further inform the project's training programme **(WP5)** and its overall policy recommendations **(WP6)**.

Objective 1: Enable cities to integrate their vision and data on the sectors (e.g. buildings, transport, etc.) on their territory in the prospective modelling framework of the European City Calculator to design transition pathways and policy scenarios towards climate neutrality.

Objective 2: Explore the opportunities, barriers and trade-offs associated with cities' pathways and scenarios to climate neutrality, and enable them to assess the concrete impact of policy choices on their territories.

Phase 4: Implementing the co-creation process of transition pathways and policy scenarios towards climate neutrality with key local stakeholders in the pilot cities

With the webtool in an operational status, the co-creation process of pathways and scenarios towards climate neutrality will be implemented in the pilot cities. This will be done through **5 face-to-face meetings with key local stakeholders in the expert working groups**. Although the composition of these groups will differ among pilot cities, their co-creation process will be comparable, consisting in the following sequential co-creation process:

- **1 Introductory meeting of expert working group** with presentation of the webtool (month 18)
- **1 Workshop on the technical assumptions** (e.g. how far can be renovated) **for each sector** (month 20)
- **1 Workshop on scenario analysis and trade-offs across sectors** (e.g. is it cheaper to focus on renewables or building insulation, and is it easier to focus on technology vs. behavioural change) (month 22)
- **1 Co-creation session to build and refine pathways and scenarios**, with the objective to reach an agreement on pathway and scenario to adopt that is in line with 2050 EU targets (month 24)
- **1 Final meeting to define responsibilities for all members to put adopted pathway and scenario into action, including establishment of a binding MoU**, and taking stock of the process (month 26)

Following the meetings, the **10 pilot cities will then insert the adopted pathway and scenario as politically binding planning instruments** into the development and update of their SEAPs/SECAPs and related strategic plans, by using insertion guidelines developed by ENA, REAN, SEMMO, ENC, PIK, Climact & CMW **(WP4)**. The Portuguese, Croatian and Czech pilot cities will be accompanied throughout this process by ENA, REAN and SEMMO. Tailor-made toolkits will be provided by CMW and ENC to run local communication campaigns in the pilot cities for engaging stakeholders **(WP7)**. The main outputs (i.e. pathways and scenarios feeding into SEAPs/SECAPs and related strategic plans) will serve as basis for the online advocacy training on the Governance Regulation, and the stakeholder members of the expert working groups will also contribute to the assessment of enabling/constraining factors at national/EU-level in the pilot cities' climate-neutral transition **(WP6).**

Objective 4: Co-create policy scenarios and transition pathways towards climate neutrality in the pilot cities by engaging key local stakeholders with the European City Calculator webtool.

Phase 5: Taking stock of the application process of the European City Calculator in the pilot cities and anchoring the lessons learnt in the approach of the training programme on the webtool

3 peer-to-peer learning exchanges will be organised for the pilot cities, to share their experiences and discuss their challenges in using the webtool. These exchanges will be facilitated by ENC, to foster a common understanding and shared vision of planning a climate-neutral transition through the webtool. The exchanges will result in lessons learnt, that will be anchored into the approach of the training programme on the webtool for other European cities

and public authorities (e.g. local and regional energy agencies). **The training programme will consist of 2 face-to-face and 3 online trainings**, and will employ the principles of active learning. **The approach of the training programme will be implemented in the same manner in the pilot cities' 6 countries (in their national languages) and at EU-level (in English)**. The sequential learning process will include these training modules:

- **1 face-to-face problem framing workshop** on the "big picture" of the climate-neutral transition, the challenges faced by cities in planning it, and how adopting a prospective modelling approach can help address it. This workshop will be held in month 27 in the pilot cities' six countries, and in month 30 at EU-level, back-to-back with the project meeting in Brussels;
- **1 online webinar** with interactive break-out sessions on how to establish the energy and emissions baseline within the webtool, with participants peer reviewing each other's work. This webinar will be held in month 27 in the pilot cities' six countries, and in month 30 at EU-level;
- **1 online webinar** with interactive break-out sessions on the webtool's levers approach, including role-playing simulations and virtual whiteboards where participants interpret levers from the perspective of their key actors. This webinar will be held in month 28 in the pilot cities' countries and in month 30 at EU-level;
- **1 face-to-face demonstration session** for participants to apply the webtool in developing their transition pathways and supporting the creation of policy scenarios towards climate neutrality. This session will be held in month 29 in the pilot cities' countries and in month 33 at EU-level;
- **1 final online webinar** to take stock of participants' experience with the webtool and outline possibilities to integrate developed pathways and scenarios into their key plans, in co-creation with their stakeholders. This webinar will be held in month 29 in the pilot cities' countries and in month 33 at EU-level;

REAN, ENA and SEMMO will design the training programme with support from the pilot cities, ENC, PIK, Climact and CMW. All project partners will be involved in running the programme at national and EU-level (see workplan for detailed division of work among partners). To enable a high level of uptake and replication, the programme will target similar cities and public authorities to the project's local and regional partners **(WP5)** (see Impact section for exact number of cities and public authorities targeted per pilot city' country and at EU-level). Findings from the problem-framing workshops of the programme at national and EU-level will feed into updating the report on national/EU-level enablers and barriers to cities' climate neutral transition **(WP6).** The programme will further be made available to additional cities and public authorities after the project (see Exploitation section).

Objective 5: Based on the lessons learnt and skills acquired in the pilot cities in applying the European City Calculator, train other European cities and public authorities (e.g. local and regional energy agencies) in the use of the webtool for planning their own transition towards climate neutrality.

Phase 6: Leveraging the pathways and scenarios developed in the pilot cities in shaping the Governance Regulation as key multi-level governance framework for climate neutrality

In this phase, the approach taken is to feed the learnings and outputs (the adopted transition pathways and policy scenarios informing their SEAPs/SECAPs and related strategic plans) from the co-creation process in the pilot cities **(WP4)** and the approach to connect levers to governance levels and policies **(WP3)** into the Governance Regulation as key multi-level governance framework for climate neutrality. This will be done at the necessary levels of the framework, by developing country-specific recommendations targeted at the 6 countries of the pilot cities for the update of their NECPs and LTS. It will be also done through drafting overall policy recommendations to improve the alignment between city, national and EU policies towards climate neutrality. CMW and ENC will establish these overall recommendations, and support the pilot cities, ENA, REAN and SEMMO by:

- **Helping them identify enabling and constraining national and EU-level factors** in their climate-neutral transition, through 1 focus group session and a survey with members of pilot cities' expert working groups;
- **3 online advocacy training sessions** (in English), which will have the following structure and sequence:
    - **1 session (**in month 26**) to build their knowledge of the Governance Regulation** and their capacity to engage in the design and delivery of NECPs and LTS. This session will also link to related initiatives under the EU Green Deal that are key to the Governance Regulation, such as e.g. the Climate Law;
    - **1 session** (in month 28) **to support them in identifying linkages between the pilot cities' SEAPs/SECAPs and the NECPs/LTS of their country**, and enable them to use the adopted pathways and scenarios to match with the relevant dimensions in their countries' NECP and LTS. PIK & Climact will contribute to this session with guidance to local and regional partners, based on their experience in working with Member States on their NECPs through the European Calculator;

- **1 session (**in month 30**) to help formulate country-specific recommendations to address national barriers through the updated NECPs/LTS**. REAN (for HR), ENA (for PT) and SEMMO (for CZ) will support the Croatian and Portuguese pilot cities and Zdar in formulating these recommendations;
- Providing them with a **capacity-building toolkit highlighting the Governance regulation processes**;
- **Supporting the organization of 6 face-to-face national roundtable workshops in the pilot cities' 6 countries** (one per country), where the pilot cities' adopted pathways and scenarios informing their SEAPs/SECAPs and related strategic plans, and their country-specific recommendations for the updated NECPs and LTS will be discussed with policymakers and stakeholders from the expert working groups. **(WP6)**

Objective 7: Strengthen the pilot cities' role in the multi-level governance framework of their transition towards climate neutrality, by enabling them to feed into the update of their countries' NECPs and LTS as part of the EU Energy Union Governance and Climate Action Regulation.

Phase 7: Engaging other European cities and public authorities in planning towards climate neutrality using the webtool's prospective modelling approach

This phase will employ innovative and tailored communication and dissemination activities, to promote the European City Calculator and its prospective modelling approach as a powerful communication, capacity-building and policy outlet for other European cities and public authorities (e.g. local and regional energy agencies) to launch a planning process towards climate neutrality with their stakeholders. These activities will deliver the project's methodological tools, guidelines, handbooks, reports and policy recommendations to its target audiences to maximise uptake and exploitation of results. This will be done in particular by leveraging ENC's network and its involvement in the Covenant of Mayors initiative (which currently has +10,000 signatories) as co-leader of its European secretariat, as well as through the various memberships of the project's local and regional partners in multipliers (i.e. associations of cities or energy agencies). To ensure high quality dissemination and exploitation of outputs, attractive multimedia tools will further be used to translate prospective modelling into a language that those impacted by it can understand and apply. The main activities will include (more details in section 2.2):

- Establishing and maintaining the project's communication tools;
- Disseminating the project outcomes through national and EU events, stakeholders, initiatives and media;
- Multimedia tools in the form of videos, infographics and podcasts
- A European narrative around "Prospective modelling for the climate-neutral transition in cities"

Objective 6: Target other European cities and public authorities (e.g. local and regional energy agencies) through an EU-wide communication campaign to disseminate EUCityCalc findings and encourage them to take up the webtool's prospective modelling approach in their planning towards climate neutrality.

c. Key characteristics of the pilot cities

The 10 pilot cities represent a geographically balanced set of cities, with different starting points, conditions and challenges to consider in planning their transition towards climate neutrality, as outlined earlier. This makes them suited to demonstrate to more cities and public authorities the feasibility to plan such a transition through the prospective modelling approach of the European City Calculator. Here, the key characteristics of the pilot cities Riga, Mantova, Dijon Métropole, Žďár nad Sázavou, Palmela, Sesimbra, Setúbal, Koprivnica, Varazdin and Virovitica will be outlined, which will include their political objectives, their main emission/energy sources and critical sectors to tackle in planning their climate-neutral transition, what they seek to learn from the project, and how project results will feed into their key planning documents.

Riga

Riga was the first European capital city to sign the Covenant of Mayors in 2008. Currently, Riga is upgrading its SEAP to a SECAP, with the aim to achieve a GHG emission reduction of 40% by 2030. The Latvian pilot city's vision is to reach climate neutrality in 2050, by cutting its GHG emissions by 95%. Its main emission/energy sources are households (36% of final consumption), the service sector (25%), motor vehicle transport (24%) and industry (15%). Riga has identified these sectors as critical in planning its transition towards climate neutrality - for example, a key challenge is the renovation of 6000 multi-apartment buildings in the city. Through its involvement in EUCityCalc, Riga seeks to learn new tools and methods for data gathering and analytics, as well as how to better engage NGOs in the SECAP implementation process. Riga plans to feed project results into updating its SECAP with specific metrics and forecasts for a 2050 vision towards climate neutrality.

Mantova

Mantova, a renowned UNESCO World Heritage city in Italy, renewed in 2019 its commitment to the Covenant of Mayors, with the aim to reach 40% GHG emission reduction compared to a 2005 baseline. The main emission/energy sources identified concern tertiary buildings (32% of emissions), residential buildings (29%), the productive sector (27%) and the transport sector (11%). Mantova has identified the renovation of its historic buildings as its most critical sector to tackle in planning its climate-neutral transition. Through its involvement in EUCityCalc, Mantova seeks to develop its capacity to independently monitor its SECAP and related plans, and learn about new ways to effectively communicate and disseminate climate-related issues to its local stakeholders. Mantova plans to feed project results into updating its SECAP, as well as in supporting the update of its city plan.

Dijon Métropole

Dijon Métropole, the regional capital of the Burgundy-Franche-Comté region, renewed its Covenant of Mayors commitment in 2019, with the aim to cut GHG emissions by 40% by 2030. It also adopted new energy and climate objectives in 2019, including the goal to move towards climate neutrality by 2050 by reducing GHG emissions by 95%. The French pilot city's main emission/energy sources are its buildings and transport sectors. Private transport has been identified as the most critical sector in reaching climate neutrality, in particular as concerns decreasing the share of individual private car trips. Through EUCityCalc, Dijon Métropole seeks to create a centralised data platform, as well as acquire new methods in engaging local stakeholders, in particular NGOs. It also plans to use project results to inform the update of its PCAET (Territorial climate, air and energy plan), which is a requirement that Dijon Métropole has to comply with under the French Energy Transition Law.

Žďár nad Sázavou

Žďár nad Sázavou, a small town in the Bohemian-Moravian highland in Czechia, is currently preparing its Covenant SECAP, with the GHG emission reduction goal of -40% by 2030. Žďár nad Sázavou has not yet established its GHG emission reduction objective for 2050, but has already identified its main emission/energy sources and critical sectors that would need to be addressed in planning a transition towards climate neutrality. Its largest emission source is the machinery factory Žďas, which is included in the EU ETS, however, Žďár has also other emission-intensive factories that are not part of the EU ETS. Žďár's critical sectors to be tackled alongside its local industry, concern especially the transport sector (individual private car trips). The Czech pilot city aims to learn through EUCityCalc how to conduct a comprehensive review of GHG sources, and how to tackle them in its long-term development. It seeks to feed project results into the update of its SECAP, and into the development of a new transition roadmap that will be incorporated in its 2028-2050 development strategy.

Palmela

Palmela, a medium-sized town in the Lisbon metropolitan area, joined the Covenant of Mayors already in 2009. This Portuguese pilot city is currently adapting its 2030 objectives to match a 2050 vision for climate neutrality, which would result in -45 to -55% GHG emission cuts by 2030, and -85 to -90% GHG emission cuts by 2050, both compared to a 2005 baseline. Its main emission/energy sources are industry (VW plant on its territory) and transport, followed by residential buildings. These are its critical sectors to tackle to plan towards climate neutrality by 2050. Through its indirect involvement in EUCityCalc (via ENA), Palmela aims to learn about new methods to better collect and systematise data, and will feed project results into its SECAP update.

Sesimbra

Sesimbra, another medium-sized town in the Lisbon metropolitan area, joined the Covenant of Mayors in 2019. Sesimbra is also in the process of adapting its 2030 objectives to match a 2050 vision for climate neutrality, which would result in -45 to -55% GHG emission cuts by 2030, and -85 to -90% GHG emission reduction by 2050, compared to a 2005 baseline. Its main emission/energy sources are transport, residential buildings and industry, which are its critical sectors to address to plan towards climate neutrality by 2050. Through its indirect involvement in EUCityCalc (via ENA), Sesimbra also seeks to learn about new methods to better collect and systematise data, and will also feed project results into its SECAP update.

Setúbal

Setúbal, like Palmela and Sesimbra a medium-sized town in the Lisbon metropolitan area, renewed its Covenant commitment already in 2016. Setúbal is also currently adapting its 2030 objectives to match a 2050 vision for climate neutrality, to cut by -45 to -55% its GHG emission by 2030, and by -85 to -90% by 2050, both compared to a 2005 baseline. Its main emission/energy sources are transport, residential buildings and industry (Paper Pulp plant on its territory). As in Palmela and Sesimbra, these are Setúbal's critical sectors to tackle to plan towards climate neutrality. Through its indirect involvement in EUCityCalc (via ENA), Setúbal aims to learn about new methods to better collect and systematise data, and will feed project results into the update of its SECAP.

Koprivnica
Koprivnica, a medium-sized town and political and economic center of Northern Croatia counties, renewed its Covenant commitment in 2019. This Croatian pilot city is currently in the process of adopting its SECAP, with the objective of reducing emissions by 40% by 2030, and by 80% by 2050. Koprivnica's main emission/energy sources are buildings, industry and transport. The retrofitting of private buildings has been identified as a critical sector, to be fully on track in moving towards climate neutrality. Through its indirect involvement in EUCityCalc (via REAN), Koprivnica aims to learn about new data gathering methods, as well as receive guidance on how to engage stakeholders with the webtool. It will feed project results into its SECAP update.

Varazdin
Varazdin, another medium-sized town and political and economic center of Northern Croatia counties, is currently preparing the renewal of its Covenant commitment. Varazdin is also in the process of adopting its SECAP, with the objective of reducing emissions by 40% by 2030, and by 80% by 2050. Its main emission/energy sources are buildings, industry and transport, with also the retrofitting of private buildings identified as a critical sector to move towards climate neutrality. Through its indirect involvement in EUCityCalc (via REAN), this Croatian pilot city aims to learn about new data gathering methods, as well as receive guidance on how to engage stakeholders with the webtool. It will also feed project results into its SECAP update.

Virovitica
Virovitica, like Koprivnica and Varazdin a political and economic hub of Northern Croatia counties, renewed its Covenant commitment in 2020. This Croatian pilot city is also currently in the process of adopting its SECAP, with the objective of reducing emissions by 40% by 2030, and by 80% by 2050. Its main emission/energy sources are also buildings, industry and transport, with the retrofitting of private buildings similarly identified as a critical sector in staying on track towards climate neutrality. Through its indirect involvement in EUCityCalc (via REAN), Virovitica also aims to learn about new data gathering methods, as well as receive guidance on how to engage stakeholders with the webtool. It will also feed project results into its SECAP update.

d. Related EU projects & how EUCityCalc can build on and interact with them
EUCityCalc leverages the key outcome of the EUCalc project, the model of the European Calculator webtool, for its European City Calculator webtool. The project's webtool builds on the methods (e.g. levers) and previous calculations and data gathering done for the European Calculator, e.g. data modelled at national and EU-level. EUCityCalc will leverage these inputs from EUCalc into **WP2** and **WP3**, and also the experiences of EUCalc town hall events for **WP4** and **WP5**. EUCityCalc will also create synergies with the following EU-funded projects:

Table 8: Overview of relevant EU-funded projects and how EUCityCalc can build on and interact with them:

Name of EU-funded project	**Main focus**	**Relevance to EUCityCalc**
LIFE PlanUp (CMW, ENC, Climact), until 07/2021	Governance Regulation, NECPs, SEAPs/SECAPs	Project results and good practices will be shared at EUCityCalc kick-off meeting
LIFE UNIFY, until 08/2022	Governance Regulation, NECPs, LTS, SEAPs/SECAPs	Project results will feed into the capacity-building approach for **WP6**
INTERREG Europe 2050 CliMobCity, until 07/2023 (PIK)	Climate mitigation in the field of urban mobility	Use synergies for **WP2** & **WP3** in particular on data gathering, tailoring to city specificities and output selection
Horizon 2020 TOMORROW (ENC), until 08/2022	Empower cities to develop 2050 transition roadmaps with citizens	Its community of practice to be invited to join **WP5** training programme
Horizon 2020 C-Track 50 (REAN), until 02/2021	Putting regions on track for carbon neutrality by 2050	Project results will be fed by REAN & Croatian pilot cities into **WP4-6**
Horizon 2020 RESPONSE (Smart City Project) (DM), until mid-2025	Roll-out of positive energy neighbourhoods in cities	DM as lighthouse city can use synergies especially for data collection (**WP2 & WP3**) & stakeholder engagement (**WP4**)

Horizon 2020 Urban GreenUP (MUM), until 05/2022	Renaturing urban plans through nature-based solutions	Project results can feed into European City Calculator approach to land-use in urban areas in **WP 2 & WP3**
Horizon 2020 ATELIER (Smart City project) (REA), until 10/2024	Create and replicate positive energy districts within cities through broad citizen involvement	REA as follower city in this project can use the experience gathered to establish synergies for the co-creation engagement process in **WP4**
Horizon 2020 CoME EASY, until 04/2021	Linking European Energy Award to Covenant of Mayors	Project results can feed into the EUCityCalc handbook on the emission calculation methodology of European City Calculator webtool **(WP5)**
Horizon 2020 STARDUST (Smart City project) (SEMMO), until 07/2022	Create and replicate positive energy districts and complex approach in sustainable energy	As SEMMO supports a follower city in this project, it can use this experience to establish synergies for the co-creation engagement process in **WP4**
Horizon 2020 SCORE (SEMMO), until 03/2021	Create and replicate consumer co-ownership in renewables	Participation process in community projects from this project will feed into co-creation engagement process in **WP4**
URBACT Zero Carbon Cities (ENC), until 08/2022	Capacity-building of cities to develop science-based carbon reduction targets & carbon budgets	Guidance and lessons learnt on effective co-creation process from this project will be shared at the EUCityCalc project meeting in month 12

e. Gender dimension

Levers portraying key behaviour choices that will be carried over from the European Calculator model, as e.g. travel distance and diets, already account for gender aspects – e.g. young men travel on average more for work and study using private transport, while women travel mostly for access to services and child care using public transport. Regarding diets, the calorie requirements also scale with age (due to pregnancy and body size) and sex (due to activity levels). Research points also for differences in gender metabolism to influence room temperature in buildings. All this will be discussed in tailoring the levers for the European City Calculator webtool under **WP3,** and may be expanded if deemed paramount for the pilot cities' pathways and scenarios towards climate neutrality. Furthermore, the research team implementing EUCityCalc will strive for a balance between women and men.

2. Impact

2.1 Expected impacts

EUCityCalc will have both direct and triggered impacts. Its direct impacts, which concern in particular capacity-building and shaping policies, are expected during the project as well as shortly thereafter, keeping in mind that even when a policy is in place, it takes time for it to show its effect. The direct impacts are the number of public authorities and public officials with improved capacities and skills in delivering the energy transition, the number of policies and strategies created or influenced by the project, and the number of local stakeholders engaged in co-creating transition pathways and policy scenarios towards climate neutrality. Those impacts are then expected to trigger investments in sustainable energy (compared to a 2020 baseline), net GHG emission reduction (compared to a 1990 baseline), reduction of final energy demand (also compared to a 1990 baseline) and alleviation of air pollution (compared to a 2005 baseline). The triggered impacts are expected to occur after the project has ended, but this will also depend on how much and how fast the multi-level governance framework for cities' climate-neutral transition (the Governance Regulation in particular) will change in a favorable manner.

The table on the following page shows how EUCityCalc actions will contribute to the expected direct impacts:

Table 9: Direct impacts of EUCityCalc

Expected impact	Project Performance Indicator	Measurement unit	Quantified target	Contribution of project outputs
Public authorities and officials with improved skills and capacities	Staff in pilot cities & local & regional energy agencies involved throughout project acquire long-lasting and transferrable ability to independently develop & update cross-sectorial and territorial transition pathways & policy scenarios towards climate neutrality, through the adoption of the prospective modelling approach of the European City Calculator webtool; Staff from similar cities to pilot cities, as well as from similar local and regional energy agencies at national and EU-level, through participation in training programme, acquire substantial ability to independently develop & update cross-sectorial and territorial transition pathways & policy scenarios towards climate neutrality through prospective modelling approach of the European City Calculator webtool;	**Number of public authorities** **Number of public officials**	**<u>In total:</u> 317 officials from 147 authorities with improved skills & capacities, as follows:** <u>During project:</u> **20 officials from 6 authorities as direct project partners:** (REA 3, DM 3, MUM 3, Zdar 2, ENA 6, REAN 3); **12 officials from 6 authorities indirectly involved** via ENA & REAN: (PAL, SES, SET, KOP, VAR, VIR each 2) **165 officials from 75 authorities** (2 officials / authority joining the training programme), from the pilot cities' 6 countries & at EU-level: 30 officials from 15 cities/agencies in CZ: several cities/agencies already provided an LoS; 30 officials from 15 authorities in PT (cities & agencies): several identified cities/agencies already provided an LoS; 30 officials from 15 authorities in HR (cities & agencies): several identified cities/agencies already provided an LoS; 30 officials from 15 cities/agencies in LV, IT, FR (5/country): several identified cities/agencies already provided an LoS; 30 officials from 15 public authorities at EU-level (cities & agencies): several identified cities/agencies have already provided an LoS; <u>5 years after project</u> **120 officials from 60 authorities** joining the training programme	<u>During project</u> Capacity building activities and materials such as e.g. guidelines for data standardisation & harmonisation, the report on relation between levers and governance levels & policies, webtool demonstrations, emission calculation method handbook, training programme, online advocacy trainings; <u>5 years after project</u> The EUCityCalc dissemination materials (e.g. the multimedia tools, the European narrative on prospective modelling in cities) and the project information and results, will cause the number of European cities and local and regional energy agencies motivated to take up the European City Calculator webtool to grow, thereby contributing to their improvement of capacities and skills; the training programme will be further made available to interested cities, local and regional energy agencies after the project has ended (see in detail in exploitation section);

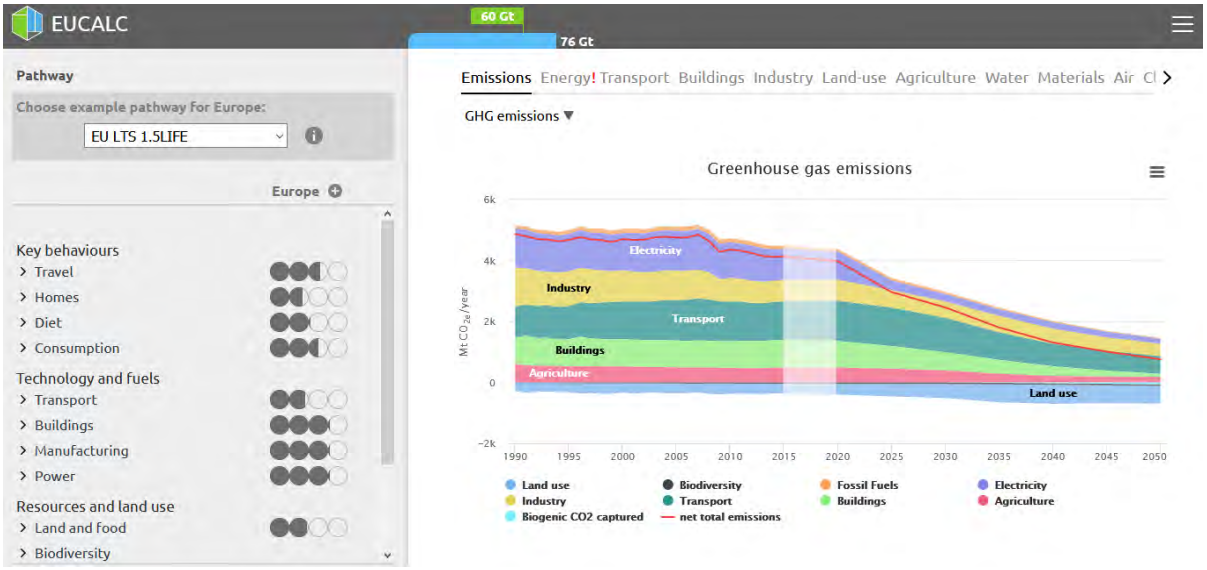
Policies and strategies created or influenced	The pathways and scenarios towards climate neutrality in each pilot city feed into their SEAPs/SECAPs and related strategic plans, increasing their ambition both in the short- (2030) and long-term (2050), to cut net GHG emissions, reduce final energy demand, alleviate air pollution and trigger investments in sustainable energy; The pathways and scenarios towards climate neutrality in the public authorities that joined the training programme similarly feed in their SEAPs/SECAPs and related strategic plans, to increase their short- and long-term ambition to cut net GHG emissions, reduce final energy demand, alleviate air pollution and trigger investments in sustainable energy; The country-specific policy recommendations influence the pilot cities' 6 countries updated NECPs & LTS, and the project's overall policy recommendations influence the Governance Regulation;	**Number of created or influenced policies and strategies**	**<u>In total:</u> 100 policies and strategies created or influenced, as follows:** <u>During project</u> 10 SEAPs/SECAPs are updated in the pilot cities, and also 3 related strategic plans are developed or updated in Zdar, MUM & DM; 6 updated NECPs and 6 updated LTS in the EU-countries PT, HR, FR, LV, IT and CZ – several national authorities have also provided an LoS; <u>5 years after project</u> 75 SECAPs updated in the European public authorities that had joined the training programme during the project's lifetime;	<u>During project</u> Capacity building activities such as e.g. the online advocacy trainings, the toolkit on the Governance Regulation; guidelines to insert pathways and scenarios into SEAPS/SECAPs and related strategic plans, report on the national / EU-level enablers & barriers to the pilot cities' climate-neutral transition; advocacy activities such as the national roundtable workshops with policymakers, the EU-level events, the country-specific recommendations and overall policy recommendations; <u>5 years after project</u> the overall policy recommendations, guidelines to insert pathways and scenarios into SEAPS/SECAPs, the online advocacy trainings recordings;
Local stakeholders engaged in the co-creation process	Local stakeholders are involved in the co-creation engagement process of the expert working groups to develop and adopt pathways and scenarios towards climate neutrality in the project's pilot cities; The cities and public authorities that joined the training programme during the project also take up this co-creation approach adopted by the pilot cities, and similarly involve their local stakeholders;	**Number of local stakeholders engaged**	**<u>In total:</u> 950 local stakeholders engaged, as follows :** <u>During project</u> 200 local stakeholders are involved in the 10 pilot cities, as on average 20 local stakeholders are involved in each of their expert working groups; <u>5 years after project</u> 750 local stakeholders involved in 75 more cities and authorities, as they involve on average 10 local stakeholders;	<u>During project</u> The mapping of key local stakeholders in pilot cities and the communication & dissemination products as e.g. the local communication campaign toolkits; <u>5 years after project</u> The developed local communication campaign toolkits, report on co-creation process in the project's pilot cities;

Methodology for estimation of triggered impacts

EUCityCalc views cities' transition towards climate neutrality in both a short-term (2030) and long-term (2050) perspective. As the project will support cities as its key target group to permanently build their capacities in independently developing and updating their transition pathways and policy scenarios, it will trigger significant impacts beyond its duration. This is also to account for the policy time lag, before enhanced planning processes and changes to the multi-level governance framework start to affect investments in sustainable energy, net GHG emission reduction, reduction of final energy demand and alleviation of air pollution. Thus, it uses the period 2030-2050 to estimate its triggered impacts in its calculation methodology, with the following assumptions:

- EUCityCalc takes as starting point the assumptions underlying the 1.5 degrees LIFE scenario (see figure below) of the Commission's 2050 vision for a climate-neutral EU[18]. It considers this scenario as key benchmark for cities' transition towards climate neutrality in line with the 2050 European targets;
- The standard 1.5 degrees LIFE scenario is already inserted into the Transition Pathway Explorer of the European Calculator webtool at EU-level and for all Member States. It shows the projections for the project's triggered impacts from a 1990 (for net GHG emission reduction and reduction of final energy demand), 2005 (for alleviation of air pollution) and 2020 baseline (for investments in sustainable energy) until 2050. **Investments in sustainable energy have been calculated by compiling the forecasted capital expenditures for the energy, buildings, transport, and carbon capture, utilisation and storage sectors.** Figures for all these sectors are already available in the interface of the Transition Pathway Explorer.

Figure 3: 1,5 LIFE degrees scenario from EU long-term strategy in the Transition Pathway Explorer



- For the project's 10 pilot cities in the EU-countries PT, CZ, IT, FR, HR and LV, the data from the model is first added into an overall figure for each of the triggered impacts at national level for 2030 and 2050. The share of these impacts applying to the pilot cities is then calculated by dividing them into the current population share of the pilot cities per Member State. The current population share is as follows:
  - **Zdar** (20,544 population) for Czechia (10,69 million population)
  - **Mantova** (50,000 population) for Italy (60 million population)
  - **Dijon Métropole** (258,000 population) for France (66,66 million population)
  - **Riga** (630,000 population) for Latvia (1,88 million population)
  - **KOP** (23,212), **VAR** (36,643) and **VIR** (13,922 population) for Croatia (4,1 million population)
  - **SET** (127,314), **PAL** (72,173) and **SES** (62,679 population) for Portugal (10,2 million population)
- It is assumed that due to the project capacity-building activities and materials, pilot cities will push the levers and also identify innovative measures that are not yet part of their SEAPs/SECAPs and related strategic plans, and thus will be able to **increase their forecasted triggered impacts for 2030 and 2050 by 5%;**

[18] https://ec.europa.eu/clima/sites/clima/files/docs/pages/com_2018_733_analysis_in_support_en_0.pdf

- It is assumed that by engaging their stakeholders in the co-creation engagement process of the expert working groups, the measures and policies across sectors on the pilot cities' territories will be better aligned, **resulting in a further 5% increase of each of their forecasted triggered impacts for 2030 and 2050**;
- As concerns the cities and public authorities joining the training programme, the total forecasted triggered impacts in the pilot cities' 6 countries and at EU-level are divided into the estimated current total population share of cities and authorities reached. Factoring in that similar city profiles (with similar population) to the pilot cities will be targeted among the **75 cities and public authorities** to join the training programme during the project, **the population share of cities and authorities reached is estimated at 10 million inhabitants**:
    - **15 cities/agencies in Czechia** with a **total estimated population of 700,000**
    - **5 cities/agencies in Italy** with **a total estimated population of 500,000**
    - **5 cities/agencies in France** with a **total estimated population of 1 million**
    - **5 cities/agencies in Latvia** with a **total estimated population of 300,000**
    - **15 cities/agencies in Croatia** with a **total estimated population of 800,000**
    - **15 cities/agencies in Portugal** with a **total estimated population of 2 million**
    - **15 cities/agencies from other EU Member States** with a **total estimated population of 4,7 million** (which factors in ENC's membership of 1,000 cities and its total estimated population of 60 million)
- Due to the participation of these cities and public authorities in the training programme, with spillover effects from peer-to-peer city and agencies learning (as all pilot cities and ENA, REAN and SEMMO will be involved in running the programme), it is assumed that the **75 cities and public authorities joining the programme will achieve an additional 2,5% of each of the forecasted triggered impacts for 2030 and 2050**;
- The impacts triggered by the project's pilot cities and the 75 cities and public authorities joining the training programme are then all added up, which results in the overall estimated triggered impacts (see table below):

Table 10: Triggered impacts of EUCityCalc

Project Performance Indicator	Quantification			Total triggered impacts	Measurement unit
	within project duration	2030	2050		
Investments in sustainable energy	None	686	565	**1,251**	million EUR, cumulated
Net GHG emission reduction	None	1,435,400	2,588,000	**4,023,400**	Tons CO2 eq, cumulated
Reduction of final energy demand	None	1,473	3,301	**4,774**	GWh, cumulated
Alleviation of air pollution	None	147	194	**341**	Fewer deaths due to PM2.5 in air, cumulated

Barriers, obstacles and framework conditions to project impacts

Several barriers, obstacles and framework conditions can detrimentally affect EUCityCalc's impacts:

- Firstly, **the national and EU framework conditions** (e.g. measures, policies) can negatively affect the pilot cities' ability to plan an ambitious transition towards climate neutrality. EUCityCalc addresses this barrier by assessing all possible constraining national and EU-level factors impacting pilot cities in this regard, and will propose country-specific and overall policy recommendations to address them **(WP6)**;
- Secondly, **the internal governance conditions in the pilot cities** themselves can pose a key obstacle, in particular as concerns a lack of interdepartmental collaboration, which would be however required to deliver a cross-sectoral and territorial approach to decarbonisation that is inherent to the European City Calculator. By involving key city staff with planning competence across departments as members of the expert working groups, the project seeks to remedy this obstacle **(WP4)**;

- Thirdly, another critical barrier is the **reluctance of key local stakeholders to participate in the co-creation process** of the expert working groups, which will apply the webtool concretely in the pilot cities. Reasons for this reluctance could be due to stakeholders' lack of interest in working with the webtool, as they don't perceive its added value in planning a climate-neutral transition. The project will address this barrier notably by involving stakeholders early and also through its local communication campaign toolkits **(WP7)**, which will highlight in an accessible and visually appealing manner the benefits of using the prospective modelling approach of the webtool to plan towards climate neutrality in the pilot cities;
- Finally, a significant barrier concerns the **budgetary limits of many cities and public authorities in Europe** to participate in external capacity-building activities. Oftentimes, it is not possible for staff from cities and public authorities to travel to such activities, as there is no internal funding for it available. By providing a travel subsidy to cities and public authorities joining its training programme **(WP5)**, EUCityCalc will ensure that lacking financial means do not pose this constraint for interested participants.

2.2 Measures to maximise impact

a) Dissemination and exploitation of results

EUCityCalc aims to maximise its impact by extensively disseminating its project findings to its target groups (see Section 1.2). In its draft dissemination and exploitation plan proposed below, and which will be further refined in WP7, the project lays out a clear strategy for spreading its results and enabling its target groups to build on them, in particular European cities and their public officials as EUCityCalc's most critical target group. **For this purpose, the project follows three main lines in its dissemination and exploitation activities:**

1. **Disseminating and exploiting the leveraged knowledge** on the capacity required to adopt the prospective modelling approach of the European City Calculator in planning a climate-neutral transition, which will in particular address European cities and their public officials, but also other public authorities (e.g. local and regional energy agencies) that are key partners for cities in such a transition;
2. **Disseminating and exploiting propositions** to shape the Governance Regulation as the key multi-level governance framework for climate neutrality, but also being attune of other policies that can play a key role in adjusting the framework for cities' climate-neutral transition (e.g. the forthcoming EU climate law);
3. **Disseminating and exploiting the actions** taken by the project's pilot cities in applying the webtool through a co-creation engagement process, which will mainly address their key local stakeholders that are part of the expert working groups, but also other local stakeholders that are not part of these groups.

Each of these main lines will be underpinned by the three major components of the dissemination strategy:

- **Dissemination for awareness-raising**, which informs target groups about the project results;
- **Dissemination for understanding**, which provides capacity-building materials for target groups to gain a broader insight into the project's resources;
- **Dissemination for action**, which refers to actively exchanging and adopting project knowledge by having target groups involved in the project's activities, such as its training programme in **WP5**;

For the first main line of dissemination and exploitation, EUCityCalc is keen on achieving a high uptake of its webtool and its prospective modelling approach, by focusing its national and EU-level outreach efforts in particular on city profiles that are similar to the project's pilot cities, both in the pilot cities' 6 countries as well as at EU-level. These city profiles will be invited in priority to join the training programme in **WP5**. Considering e.g. the advantage of facing similar challenges and also a common language (i.e. for the training programme in the 6 countries), impact will be maximised both in terms of knowledge transfer in the training programme, as well as also in terms of fostering additional dissemination of project results. **This dissemination and exploitation line uses the dissemination components for understanding, and also for action in its activities**.

As concerns the second main line of dissemination and exploitation, the project will be leveraging various opportunities (e.g. national updates of NECPs/LTS) to influence the policy processes in the Governance Regulation, through the activities of **WP6** (i.e. national roundtable and EU-level workshops, country-specific and overall policy recommendations). EUCityCalc will be also attentive to other relevant policy developments outside of the Governance Regulation, such as the climate law under the EU Green Deal, in order to inform its target groups in its dissemination activities accordingly. **Hence, in this dissemination and exploitation line, the project uses both the dissemination components for awareness-raising and understanding in its activities**.

Finally, the third main line of dissemination and exploitation relates to fostering a close cooperation between the pilot cities and their stakeholders in applying the webtool locally, in particular by directly addressing key local stakeholders as members of the expert working groups, and also indirectly other stakeholders that are not part of

these groups. To support the pilot cities in this outreach and especially motivate key local stakeholders to engage in the co-creation process of the expert working groups, visually attractive and easily understandable local communication campaign toolkits will be provided to the project's local and regional partners. As a side-effect of this dissemination activity, these toolkits will also contribute to raise awareness about the benefits of the webtool to those stakeholders that are not part of the expert working groups. **Thus, this line of dissemination and exploitation addresses both action and awareness-raising in its activities**.

Alongside these main lines for dissemination and exploitation, **the project will further trigger widespread dissemination through its website**, which will act as a central hub to provide all relevant information about the project. As a user-friendly platform, it will enable straightforward disseminating of news, events, media coverage and all deliverables. EUCityCalc will further exploit synergies with other projects and platforms to further spread its results, in particular with projects identified in the Section 1.3 table of related EU projects.
At EU- and national level, **the project will make use of existing, established events to broadly disseminate its project results**. At EU level, renowned events such as the Covenant of Mayors ceremony, EUSEW, EUWRC or the EU modelling forum will be leveraged in this regard, alongside large-scale events of project partners (e.g. Energy Cities' annual conference). At national level, EUCityCalc will use big conferences (e.g. ANCI congress in Italy for Italian municipalities, Assises de l'Energie in France for French municipalities) to also convey its findings. The below table on dissemination and exploitation actions provides a comprehensive overview on the pursued objective of the impact, the target groups addressed, the means/dissemination products employed and KPIs:

Table 11: Dissemination and exploitation actions to maximise impact

Objective of impact	**Which target groups are addressed**	**Means / dissemination products employed**	**Key Performance Indicators (KPIs)**
Support the build-up of capacity in cities and public authorities to use the European City Calculator for planning their transition towards climate neutrality	Cities & public officials (incl. pilot cities and their staff), local & regional energy agencies (incl. the project's local and regional energy agencies and their staff)	Training programme; Capacity-building materials developed in WP2-6 and published on project website (e.g. handbook, guidelines for SEAPs/SECAPs, etc.)	165 officials from 75 cities and authorities join training programme in pilot cities' 6 countries & EU-level during project; >1000 downloads in total of developed materials
Spread visually attractive and easily accessible and understandable information about the project knowledge and results to increase awareness about the benefits of using the webtool in building the capacity of more cities and public authorities	Cities and public officials, local and regional energy agencies, other multipliers such as associations of cities or associations of energy agencies, both at national (in pilot cities' countries) and at EU-level	Project visual identity; Communication tools (i.e. mass media); Narrative on prospective modelling in cities; The capacity-building materials of WP 2-6; EU & national-level dissemination by ENC, REAN, ENA, SEMMO and pilot cities; Final conference	>200 downloads of the narrative brochure from the project website; >15 mentions of project in EU (3 mentions) and national media (12 mentions, two per pilot cities' countries); At least 30 participants from these target groups join the EUCityCalc final conference in Brussels;
Support the EU and the pilot cities' 6 countries in better delivering the Governance Regulation by highlighting the benefits of adjusting this framework to fit cities' climate-neutral transition	Policymakers at regional, national (pilot cities' 6 countries) and at EU-level (i.e. Commission DGs, progressive MEPs in EU Parliament - EP); Project pilot cities and the local and regional partners and their staff	6 country-specific and the overall project policy recommendations; National roundtable workshops (WS) in pilot cities' 6 countries; EU-level workshops with Covenant of Mayors / EP Final conference	>250 downloads in total of recommendations from project website; >18 policymakers join nat. WS (3 per country); >30 policymakers join EU workshops in total; >15 policymakers join the final conference;

Increase awareness of and empower local stakeholders in the pilot cities about their potential to take targeted climate action to support the local planning efforts towards climate neutrality	Key local stakeholders of the expert working groups (e.g. NGOs, industry, energy suppliers, etc.) and the stakeholders not part of these groups; all of the project's local & regional partners and their staff	Local communication campaign toolkits with videos and infographics; Podcasts with pilot cities; Project website; Project communication tools (i.e. social media); Meetings of expert working groups	>600 views of videos; >300 downloads of infographics and >300 downloads of podcasts; >200 mentions on social media channels in total; >20 stakeholders join on average expert working groups in pilot cities
Inform academic & think tank community about findings to improve research on the planning of city transitions towards climate neutrality through prospective modelling	Academia and think tanks, the scientific and technical partners of the project (PIK & Climact)	Project website Project communication tools (i.e. mailing lists, newsletter, social media); EU-level and national dissemination of PIK & Climact, incl. PIK scientific publications	>2 presentations at relevant conferences (i.e. EU modelling forum); >2 publications in academic journals during the project lifetime, with more to be expected after the project has ended

Follow-up of the project and business plan

The ambition of EUCityCalc is to pursue exploitation of project results after the project has ended. The pilot cities and the other local and regional project partners are committed to continue using the European City Calculator to further refine their developed planning of their transition towards climate neutrality, and potentially explore a co-creation process going beyond their stakeholders, which would involve their citizens. **All project partners are keen to provide the training programme for free to other interested cities and public authorities in Europe, with the aim to train at least 60 other cities and public authorities in the webtool 5 years after the project has ended**. In terms of securing funding to finance the continuation of the training programme beyond the project lifetime, the consortium will explore suitable funding options, such as established philanthropic organisations (i.e European Climate Foundation - already member of the project advisory board as outlined in the Excellence section). The approach would be to secure funding to finance the staff effort, and cover travel and organisation costs for the partners as well as cities and public authorities participating in the training programme, on a long-term basis. This funding would also contribute to cover a yearly maintenance fee for the project website, to make information accessible and maintained for more than 5 years after the project's end. A reasonable yearly fee from cities and public authorities using the webtool could be considered to cover some of the fixed costs related to data updates, maintenance and servers.

Knowledge management and protection

Knowledge management and protection is not foreseen to be a major issue for the project. EUCityCalc partners have already agreed on a joint ownership and access to key knowledge developed by the project (e.g. the webtool). The developed key knowledge will be open-source and not subject to restrictions. The project will further aim to provide the scientific publications resulting from its actions under a green open access publishing policy.

Data collection, protection and management

EUCityCalc will comply with the General Data Protection Regulation (GDPR) in its approach to data collection, protection and management. ENC as coordinator will draw up a data management plan under **WP1**, and thereby draw on the expertise of its designated data protection officer for the GDPR. It is not foreseen that the data generated by the project, notably the data requirements of the models captured in **WP2** and **WP3**, will conflict with protecting international property rights of any form.

b) Communication activities

In its communication activities, EUCityCalc will advocate and showcase three main messages:

- Cities are key to drive the planning towards climate neutrality, and the European City Calculator will support cities and their public officials in their decision-making through an intuitive and comprehensive webtool that uses a prospective modelling approach to provide them with a systems view on the choices and investments they need to make to transition towards climate neutrality;

- As cities' climate action is crucial for a successful transition towards climate neutrality, city, national and EU policies all need to be aligned to support them in helping Europe achieve its 2050 targets;
- Local stakeholders have a key role in supporting cities in their planning towards climate neutrality, by taking targeted climate action that can contribute to multiply the efforts of city administrations;

To reach a broad audience, the project will communicate its three main messages along the following lines:

- In a first instance, it will put forward its pilot cities, which act both as "living labs" for the application of the European City Calculator, as well as ambassadors for the relevance of the webtool, in order to share project messages in a way that other European cities, but also the pilot cities' stakeholders (key local stakeholders part of expert working groups, as well as stakeholders outside of these groups) can relate to;
- EUCityCalc will leverage the ENC's network, which represents 1,000 cities and public authorities in Europe. ENC also co-leads the Covenant of Mayors in Europe and will leverage its community of +10,000 signatories for effective communication and outreach to the main target group of the project, which are in particular cities and their public officials. In doing so, ENC will also highlight how EUCityCalc outcomes (e.g. pathways and scenarios that can be developed through the webtool, guidelines for insertion in SEAPs/SECAPs, handbook on emission calculation methodology) can support Covenant cities in updating their political commitment in the initiative to include a planning perspective towards climate neutrality;
- At national level, i.e. in the pilot cities' countries, the project will rely on ENA, REAN and SEMMO, as well as also on the pilot cities themselves, to broadly communicate project findings in national conferences. The project also seeks to leverage the membership of all its local and regional partners in multipliers, i.e. associations of cities or association of energy agencies, to further increase its national outreach. All local and regional partners have already identified these multipliers to leverage, such as e.g. ENA as board member of RNAE (national network of energy agencies in Portugal – see LoS in proposal annex). Outside of the pilot cities' countries, ENC will support communication outreach through its collective members (national associations of cities, such as OER in Romania – see LoS in proposal annex);
- At EU-level, EUCityCalc will not reinvent the wheel, and therefore organise its events back-to-back with larger events (e.g. EUSEW, EUWRC, Covenant of Mayors ceremony) to broadly convey project findings. It will also seek to establish a regular presence at these events widely attended by its target groups. It will further seek cooperation with other projects in this regard, i.e. with EU projects identified in Section 1.3;
- Furthermore, the project will draw on the long-standing experience of CMW in building successful communication campaigns, turning complex issues into a comprehensible language that attracts media attention, engages policymakers and also NGOs as a key local stakeholder in the pilot cities. In engaging with NGOs, CMW will notably draw on its established EU-wide network of NGOs;

EUCityCalc will start its communication activities as of month 1, and has designed activities specifically tailored to its target groups and objectives, and which will be further tailored during project implementation and beyond its lifetime. High visibility will be ensured in particular through the project's main communication tools, which will notably provide direct communication at events where the target groups meet. For effective outreach to the project's main target group, European cities and their public officials, EUCityCalc has further identified suitable online channels and platforms, with Facebook and Twitter as the main social media channels. Local communication campaign toolkits for pilot cities and a European narrative on prospective modelling at local level will also be created to engage with the project's target groups (see section 1.2 for the identified target groups).

WP7 will mainly communicate the project's results, with also **WP6** advocating towards policymakers for a better alignment of city, national and EU policies to improve the multi-level governance framework for climate neutrality with a stronger role for cities (i.e. with communication activities foreseen for the national and EU-level workshops, as well as the country-specific and overall policy recommendations). **Taking the aforementioned into account, EUCityCalc has defined the following quantified target for its communication outreach:** Using its communication channels, networks and other multipliers, the project's **communication campaign is expected to reach out to 600 further cities and public authorities** (e.g. local and regional energy agencies), out of which **at least 60 will be motivated to launch the planning process for a climate-neutral transition with the webtool's prospective modelling**. The reasoning behind this number stems from the numerous networks and multipliers that EUCityCalc can build on, e.g. ENC's own network and its close ties with the Covenant of Mayors as co-leader of this initiative, of which it can also leverage its communication channels (e.g. newsletter, social media). Additionally, the networks of ENA, REAN, SEMMO and the pilot cities, which also factors in their membership in multipliers, also underpins this reasoning. Finally, CMW's expertise in designing successful communication campaigns will support EUCityCalc in reaching out to its target groups using tailored communication activities.

3. Implementation

3.1 Work plan – Work packages and deliverables

Figure 4: Work Package structure EUCityCalc

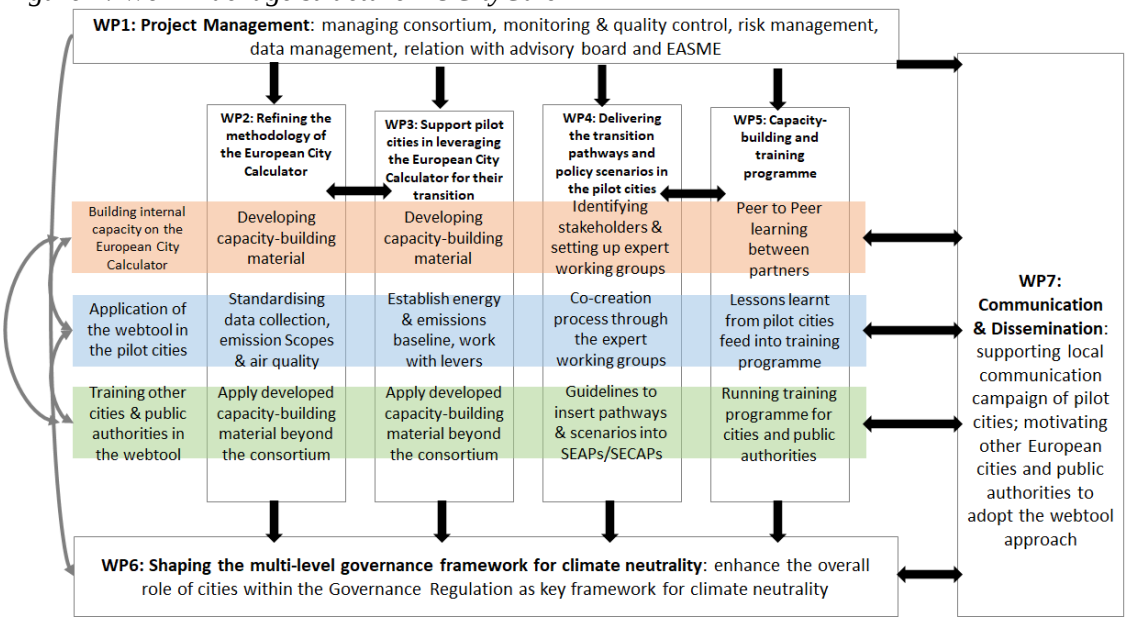


Figure 5: Gantt Chart EUCityCalc

Legend: M = Milestone; x = project meeting / workshop / event, face-to-face & online; D = Deliverable

Project month			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36
WP1	**ENC**	**Project Management**																																			
T1.1	ENC	Overall project management	x	D1.2	D1.3		D1.4	x						x						x						x					x					x / D1.1
T1.2	ENC	Project monitoring & quality control																																			
T1.3	ENC	Reporting to & liaising with EASME	M																	M																	M
WP2	**PIK**	**Refining the methodology of the European City Calculator**																																			
T2.1	PIK	Identify challenges on modelling in cities						D2.1																													
T2.2	PIK	Guidelines to leverage data in the webtool									D2.2																										
T2.3	Climact	Partial automation data gathering/processing												M																							
T2.4	PIK	New methods for added value of webtool																D2.3																			
WP3	**Climact**	**Support pilot cities in leveraging the European City Calculator for their transition**																																			
T3.1	Climact	Interact to improve data forms & gather data						D3.1																													
T3.2	PIK	Approach for governance levels/policies												D3.2																							
T3.3	Climact	Refine webtool for application													M																						
T3.4	Climact	Co-define how to use webtool at city level																	D3.3																		
T3.5	Climact	Internal demonstration session on webtool																		x/D3.4																	
WP4	**ENA**	**Delivering the transition pathways and policy scenarios in the pilot cities**																																			
T4.1	ENA	Map key stakeholders in pilot cities						M																													
T4.2	ENC	Set up expert working groups in pilot cities												D4.1																							
T4.3	ENA	Implement co-creation process												x/M						x		x		x		x		x/M	D4.2								
T4.4	ENA	Guidelines for insertion in SEAPs/SECAPs																																D4.3			
T4.5	ENC	Develop/update SEAPs/SECAPs in pilot cities																																			D4.4
T4.6	ENA	Impact monitoring																																			
WP5	**REAN**	**Capacity-building and training programme**																																			
T5.1	ENC	Peer-to-peer learning for pilot cities						x						x													x/D5.1										
T5.2	REAN	Design training programme on webtool																										M									
T5.3	REAN	Run training programme nationally & at EU																											x	x	x/M	x		x		x/M	D5.2
T5.4	Climact	Handbook emission calculation methodology																																			D5.3
T5.5	REAN	Impact monitoring																																			
WP6	**CMW**	**Shaping the multi-level governance framework for climate neutrality**																																			
T6.1	CMW	Assessing factors at national & EU-level												x/M										D6.1													M
T6.2	CMW	Online training Governance Regulation																									D6.2	x		x		x/M/D6.3				
T6.3	ENC	Pilot cities' contributions to NECPs and LTS																																	x/M	D6.4	
T6.4	CMW	Alignment policies for climate neutrality																														x/M/D6.6			x/M		D6.5
T6.5	CMW	Impact monitoring																																			
WP7	**ENC**	**Communication & dissemination**																																			
T7.1	ENC	Communication & dissemination plan			D7.1																																
T7.2	CMW	Visual identity & media package			D7.2																																
T7.3	ENC	Main project communication tools						D7.3																													
T7.4	CMW	Local communication campaign toolkits															D7.4																				
T7.5	ENC	Multimedia tools (video/podcast/infographic)															M																				M
T7.6	CMW	EU narrative on prospective modelling cities																																	D7.6		
T7.7	ENC	Dissemination at national and EU-level																																			x/D7.7/M
T7.8	ENC	Impact monitoring																																			D7.5

The workplan is divided into 7 work packages (WP), which are complementary and are briefly described below: **WP1: Project Management** aims to effectively manage and coordinate the project, including assuring monitoring, reporting and quality control, risk management, liaising with EASME, and enhancing exchanges among the partners, between the WPs and with the project advisory board. **WP2: Refining the methodology of the European City Calculator** aims to refine the methodology of the European City Calculator to enable a city-level prospective modelling approach, including designing guidelines to leverage city data into the webtool, and

developing methods to enhance the modelling of Scope 1-3 emissions and air quality in cities. **WP3: Support pilot cities in leveraging the European City Calculator for their transition** is to work with all local and regional partners to make the European City Calculator webtool fully functional, help pilot cities in gathering the relevant data to establish their energy and emissions baseline in the webtool, and learn how to use the webtool most effectively. This WP will deliver an operational version of the webtool in the pilot cities' national languages. **WP4: Delivering the transition pathways and policy scenarios in the pilot cities** will aim, based on WP2-3 learnings, to design and adopt scientifically robust, detailed and actionable transition pathways and policy scenarios towards climate neutrality in the pilot cities, in co-creation with their key local stakeholders and in line with the 2050 EU targets. **WP5: Capacity-building and training programme** aims to take the lessons learnt of the application process of the webtool in the pilot cities, to build the capacity and skills of public officials in other cities and public authorities in using the webtool to plan their climate-neutral transition. **WP6: Shaping the multi-level governance framework for climate neutrality** aims to trigger change at the necessary levels of the Governance Regulation to strengthen pilot cities' role in this key multi-level governance framework for climate neutrality. **WP7: Communication and Dissemination** aims to promote the webtool's approach to other cities and public authorities, and support the outreach of pilot cities to their key local stakeholders in the application of the webtool.

Table 3.1 a: List of work packages

Work package No	Work Package Title	Lead Participant No	Lead Participant Short Name	Person-Months	Start Month	End month
1	Project Management	1	ENC	24,25	1	36
2	Refining the methodology of the European City Calculator	2	PIK	23,5	1	16
3	Support pilot cities in leveraging the European City Calculator for their transition	3	Climact	51,75	1	18
4	Delivering transition pathways and policy scenarios in the pilot cities	8	ENA	47,25	1	36
5	Capacity-building and training programme	11	REAN	41,45	6	35
6	Shaping the multi-level governance framework for climate neutrality	4	CMW	32,3	12	36
7	Communication & Dissemination	1	ENC	35,35	1	36
				255,85		

Table 3.1 b: Work package description

Work package number	1	**Lead beneficiary**		ENC						
Work package title	Project Management									
Participant number	1	2	3	4	5	6	7	8	9	10	11
Short name of participant	ENC	PIK	Climact	CMW	REA	MUM	DM	ENA	Zdar	SEMMO	REAN
Person months per participant:	9	1,75	1,75	1,75	1,1	1,1	1,1	2,25	1,1	1,1	2,25
Start month	1			**End month**	36						

Objectives

The overall goal of WP1 is the effective management of the project. The specific objectives of WP1 are to:

- Ensure efficient and effective project management and coordination of consortium and project work;
- Enhance exchanges among the partners, between the WPs and with the project advisory board;
- Assure rigorous project monitoring, reporting and quality control;
- Communication with and reporting to EASME;

Description of work

Task 1.1: Overall project management (M1-M36) (Lead: ENC, Contributing: all partners) Project management will be structured as in Section 3.2, with ENC as coordinator assuming the responsibilities to oversee project activities and handle administrative and financial aspects. In project implementation, ENC will rely on the project management group (with all WP leaders) and the steering group (involving all partners).

Project meetings

The steering group will gather in-person once every 5-7 months, to ensure regular exchange of experiences, foster common understanding and motivation for project activities and objectives, and instill a team spirit throughout the consortium. The steering group meetings will be organised back-to-back with other project events (e.g. peer-to-peer learning exchanges, trainings), to minimise travel and the project's GHG emissions. The kick-off, interim and final meeting will be held in Brussels, with the participation of the project advisory board. The meetings in month 12 and 30 will also occur in Brussels, while the two remaining meetings (in month 6 and month 25) will be held in Croatia (REAN) and Portugal (ENA) to better anchor the project locally.

Internal communication between meetings

The project management group will regularly convene virtually to review progress made in the WPs, keep track of the interactions between the WPs, resolve potential delays and problems, and discuss next steps. This format will ensure smooth horizontal communication and alignment between partners, as well as facilitate their contributions in a democratic and decisive manner. ENC will also facilitate continuous internal communication, collaboration and information-sharing by providing appropriate online tools to all partners.

Risk management plan

During the project's inception phase, a risk management plan will be elaborated, based on the proposed one in Section 3.2, to mitigate and contain identified risks. It will be regularly monitored by ENC in collaboration with WP leaders, and updated as soon as new risks are identified during the project.

Data management plan

A data management plan will be produced in the inception phase to define the strategy for data collection, processing, protection and retention during and beyond the project. This plan will be drafted by the coordinator with support of the ENC data protection officer. It will comply with the GDPR and align with the data requirements of the models captured in **WP2** and **WP3**. It will be regularly updated as project datasets evolve.

Relations with the Project Advisory Board

ENC will centralise relations with the project advisory board. Alongside their participation to project meetings as outlined above, they will provide their expertise on key tasks (e.g. input to focus group session in **WP6**).

Task 1.2: Project monitoring and quality control (M1-M36) (Lead: ENC, Contributing: all partners) ENC as coordinator will ensure that all activities and deliverables are implemented in a timely manner, and will take corrective actions in case of delays. High quality administrative, technical and financial project management will be coupled with rigorous monitoring and reporting of progress, including all KPIs. Budgetary discipline will be ascertained through the regular gathering of financial statements from partners. Quality control will be assured through the quality management plan, which will define an internal quality control system involving ENC as overall responsible quality manager and all WP leaders. The quality, coherence and consistency of deliverables will be ensured through peer-review and an approval procedure.

Task 1.3: Reporting to & liaising with EASME (M1-M36) (Lead: ENC, Contributing: all partners) The reports provided to EASME, in particular the interim and the final reports, will be produced by the coordinator in cooperation with all partners. ENC will assure regular contact with EASME throughout the project by responding in a timely manner to all requests and inquiries (including participation in contractors' meetings), and contributing upon invitation with information material, presentation slides and reports.

Role of participants: ENC as coordinator will lead all tasks in this WP, with contributions from all partners.

Deliverables

D1.1: Minutes of project meetings (with agendas, list of participants, decisions taken) (M1-36)

D1.2: Quality management plan (M2)

D1.3: Risk management plan (M3)

D1.4: Data management plan (M5)

Milestones

M1.1: Kick-off meeting, with participation of advisory board & EASME (M1)

M1.2: Interim meeting, with participation of advisory board & EASME (M18)

M1.3: Final meeting, with participation of advisory board & EASME (M36)

Work package number	2	**Lead beneficiary**		PIK						
Work package title	Refining the methodology of the European City Calculator									
Participant number	1	2	3	4	5	6	7	8	9	10	11
Short name of participant	ENC	PIK	Climact	CMW	REA	MUM	DM	ENA	Zdar	SEMMO	REAN
Person months per participant:	0,3	13	7	0,2	0,5	0,5	0,5	0,5	0,25	0,25	0,5
Start month	1			**End month**		16					

Objectives

The overall aim of WP2 is to refine the methodology of the European City Calculator webtool to enable a city-level prospective modelling approach. The specific objectives of WP2 are:

- Identify the main challenges related to prospective modelling faced by the pilot cities;
- Establish guidelines to leverage data and knowledge from pilot cities into the webtool framework;
- Partially automate the data gathering and processing of additional data required from the pilot cities;
- Develop methods to enhance the modelling of Scope 1-3 emissions and air quality in cities;

Description of work

Task 2.1: Identification of operational and information challenges for prospective modelling in cities (M1-M6) (Lead: PIK, Supporting: Climact, Contributing: all other partners)

This task evaluates the knowledge and data barriers observable in pilot cities to the adoption of prospective modelling. The mapping of these barriers will be done along overarching categorisations of challenges found in the literature, such as e.g., technical aspects of data integration, difficulties in capturing views on decarbonisation across city departments and stakeholders, or the identification of adequate emission criteria to benchmark their pathways against national and EU targets. A substantial challenge is expected to be placed around the issues of identifying and acquiring relevant data. Therefore, it will be ensured that pilot cities can understand what prerequisites existing data need to fulfil to be integrated into the European City Calculator model, and can subsequently conduct initial data queries in their departments. This task will conduct the systematic analysis of these challenges across pilot cities and its results will feed into **task 2.2**.

Task 2.2: Establishment of common guidelines for pilot cities to leverage existing data and knowledge in the tool (M1-M9) (Lead: PIK, Supporting: Climact)

Although the needs of cities in terms of their decarbonisation pathways are different, interfacing of cities with the European City Calculator model will be common for all pilot cities. This task will devise guidelines for cities to leverage their existing data into the webtool. The task will result in a thorough collection of data available in the pilot cities, and establish guidelines for its standardisation. In addition to data, knowledge that can be crucial to reflect in the model, e.g. city-expert opinion or national frameworks that can pose constraints to setting levers in a sector will also be collected. Finally, the task will map and prioritise the main data entries required from the pilot cities to be further processed in **task 2.3** and **WP3**.

Task 2.3: Partial automation of additional data gathering and processing required from pilot cities (M3-M12) (Lead: Climact, Supporting: PIK)

This task will initiate the partial automation of the data gathering and processing required from the pilot cities (e.g. some model inputs can be pre-populated based on the country information). Several processing methods will be implemented in this regard (e.g. ratio based on city population, or based on city transport modal share).

Task 2.4: Development of new methods for enhancing the added value of the European City Calculator (M9-M16) (Lead: PIK, Supporting: Climact, ENC, CMW)

Methods to highlight the city-specific decarbonisation challenges for a better representation of Scope 1-3 emissions and air quality in the city will be developed. Consumption-based emissions for the pilot cities will

be investigated in regards to products, materials and energy requirements that originate from the city, and the corresponding amounts of products, materials and energy required, both within city boundaries and outside of it. A link with the accounting standard GHG protocol will be provided, segmenting emissions along Scopes 1-3 emissions vis-à-vis city boundaries. For Scope 2, consistency will be ensured by linkages to the European Calculator, in which country and European-based electricity emissions are already modeled. For Scope 3, transboundary transportation will be specified (i.e. some plans/boats depart in a city and emit outside of it, creating upstream emissions, some cars are registered in the city but emit outside of it, creating "satellite cities"). Import of products (e.g. food, consumer goods) will be addressed by repurposing the emission drivers modelled by the European Calculator. The emissions outside city boundaries will be segmented in national, EU and extra-EU emissions. On air quality, the concentrations of pollutants will be specified (in PM2.5e). This will leverage the air quality module of the European Calculator. Emissions factors are already available at country-level, and will be refined with city-specific activity levels (e.g. traffic density) and concentrations where possible. Linkages to health via country-specific mortality functions will also be established.

Role of participants: PIK will lead WP2, including tasks 2.1-2.2 and 2.4. Climact will support PIK to guarantee alignment with WP3 and lead task 2.3. All local and regional partners will contribute to task 2.1. ENC and CMW will both contribute to tasks 2.1 and 2.4, CMW especially with expertise on Scope emissions.

Deliverables
D2.1: Guide to adopting a prospective modelling approach at city-level (M6)
D2.2: Guidelines for integration of data and knowledge from pilot cities in European City Calculator (M9)
D2.3: Methods report on scope-emissions and air quality in the European City Calculator (M16)
Milestones
M2.1: Data automation protocol and processing (M12)

Work package number	3		**Lead beneficiary**			Climact					
Work package title	Support pilot cities in leveraging the European City Calculator for their transition										
Participant number	1	2	3	4	5	6	7	8	9	10	11
Short name of participant	ENC	PIK	Climact	CMW	REA	MUM	DM	ENA	Zdar	SEMMO	REAN
Person months per participant:	1,6	9	11	0,2	4,35	4,35	4,35	5,85	2,6	2,6	5,85
Start month	1			**End month**		18					

Objectives
The overall objective of WP3 is to work with local and regional partners to make the European City Calculator webtool fully functional, help pilot cities in gathering the relevant data to establish their energy and emissions baseline in the webtool, and learn how to use the webtool most effectively. The specific objectives are to:

- Fine-tune the data identification form with the pilot cities and other local and regional partners;
- Support them in gathering the required data and performing data quality checks;
- Leverage the data for the models in the relevant module and processes of the webtool's model;
- Refine the levers to properly represent the impact of various governance levels;
- Improve the connection between technical levers and underlying policies;
- Train all project partners in the use of the European City Calculator webtool;

Description of work
Task 3.1: Interacting with local and regional partners to improve data forms and gather the required data (M1-M12) (Lead: Climact, Supporting: PIK, ENC, Contributing: all local and regional partners).
This task will ensure that the work done in WP2 is fit for purpose, and that the structure of the data forms is in line with the requirements of the project's local and regional partners and with the data they have available. Climact & PIK will fine-tune data identification forms with them, while also supporting them in gathering the data and performing data quality checks. Hence, local and regional partners will be able to define which source or approach is used for the various categories of data (e.g. data from this country downsized with this approach

to this city). As the data for the pilot cities comes in, it will be leveraged into the relevant module and processes simulated by the European City Calculator model, and it will be ensured that all the inputs are used adequately.
Task 3.2: Improving the approach to reflect governance levels and underlying policies (M6-M12) (Lead: PIK, Supporting: Climact, ENC, Contributing: all other partners).
As an objective of **WP3** is to improve the connection between the model use and reality at city-level, this task will reflect this twofold: firstly, it will provide local and regional partners with a clear view on the adequate governance level that the pilot cities can implement the levers on. Secondly, the connection between policies at governance levels and the technical levers will be highlighted. In the transport sector e.g., vehicle energy efficiency is mostly driven at EU-level with CO2 emission performance standards for new vehicles. Concurrently, accelerating the modal shift is significantly driven by policies at the city level. Thus, local and regional partners will get insight on the critical impact that city regulation can have across sectors on their territories.
Task 3.3: Refining the European City Calculator webtool for application by the local and regional partners (M13-M15) (Lead: Climact, Supporting: PIK, ENC, Contributing: all local and regional partners)
After **tasks 3.1** and **3.2** will have supported local and regional partners in establishing the energy and emissions baseline for each pilot city, the European Calculator will then be refined into the European City Calculator webtool to match pilot cities' needs in planning their climate-neutral transition. This will include the notions of governance levels and policies, visualisations of the implementation levels of key levers, and an option for cities to compare their own implementation levels (and the rate of implementation over time) with other cities.
Task 3.4: Co-defining with local and regional partners how to use the European City Calculator at city level (M15 - M17) (Lead: Climact, Supporting: PIK, ENC, Contributing: all local and regional partners)
Once the webtool is populated with the relevant data, and the levers categorised and detailed, this task will co-define with local and regional partners how they can use its model. A highly collaborative, iterative co-definition process, consisting of several feedback sessions and a survey, will ensure that the webtool meets pilot cities' needs. This will include: testing the impact of the levers, checking how far implemented levers lead to climate neutrality, and ensuring that newly implemented functionalities work properly. Once all webtool parameters are agreed upon, the European City Calculator will be translated into the national languages of the pilot cities (LV, IT, FR, HR, CZ and PT).
Task 3.5: Conducting demonstration session to train project partners in the European City Calculator (M18) (Lead: Climact, Supporting: PIK, Participating: all other partners)
Following the completion of the first operational version of the webtool in **task 3.4**, Climact & PIK will train partners in the webtool's use in 1 in-depth demonstration session in month 18, back-to-back with the interim project meeting. This session will be key in preparing all local and regional partners in conducting the co-creation process with stakeholders in the pilot cities' expert working groups in **WP4**, and running the training programme in **WP5**. It will also enable pilot cities to assess under which conditions (e.g. ambition in short-term by 2030) they can achieve climate neutrality in the long-term (e.g. 2050). After this session, pilot cities and local and regional partners will further be able to independently develop and update their developed transition pathways & policy scenarios with the European City Calculator webtool.

Role of participants: Climact will lead WP3, including tasks 3.1 and 3.3-3.5. PIK will support Climact to ensure alignment with WP2 and lead task 3.2. All local and regional partners will contribute to tasks 3.1-3.4, to gather data for pilot cities' baselines for the webtool. CMW will contribute to task 3.2 with expertise on EU legislation to reflect in the levers. ENC will support PIK & Climact in tasks 3.1-3.4 by facilitating interactions with local and regional partners, and ensure the webtool's translation in task 3.4. All partners join task 3.5.

Deliverables

D3.1: Final data gathering forms (M6)

D3.2: Report on the relationship between levers and governance levels as well as concrete policies (M12)

D3.3: European City Calculator webtool with translations in pilot cities' 6 national languages (M17)

Milestones

M3.1: Energy and emissions baseline established in pilot cities for European City Calculator webtool (M13)

M3.2: 1 In-depth demonstration session back-to-back with interim project meeting (M18)

Work package number	4	Lead beneficiary			ENA					
Work package title	Delivering transition pathways and policy scenarios in the pilot cities									
Participant number	1	2	3	4	5	6	7	8	9	10	11
Short name of participant	ENC	PIK	Climact	CMW	REA	MUM	DM	ENA	Zdar	SEMMO	REAN
Person months per participant:	3,5	1	1	1	4,75	4,75	4,75	13	3,05	2,2	8,25
Start month	1			End month		36					

Objectives

Based on the learnings of WP2-3, the overall aim of WP4 is for pilot cities to design and adopt robust, detailed and actionable transition pathways and policy scenarios towards climate neutrality, in co-creation with their key local stakeholders and in line with the 2050 EU targets. The specific objectives of WP4 are to:

- Conduct the mapping of key local stakeholders in the pilot cities;
- Set up the expert working groups in the pilot cities;
- Implement the co-creation process with key local stakeholders through the expert working groups;
- Establish guidelines to insert adopted pathways and scenarios into pilot cities' SEAPs/SECAPs and related strategic plans;
- Develop/update SEAPs/SECAPs and related strategic plans in the pilot cities;

Description of work

Task 4.1: Mapping of key local stakeholders in the pilot cities (M1-M6) (Lead: ENA, Supporting: ENC, Contributing: all other local and regional partners)

Key local stakeholders in pilot cities will be identified to prepare the ground for establishing the expert working groups in **task 4.2**. While identified stakeholders will be suited to local circumstances, a common set of criteria will be defined to guide the stakeholders mapping. These criteria will e.g. account for the share of stakeholders' GHG emissions on pilot cities' territories, whether they belong to key sectors that need to be tackled to achieve climate neutrality, and if they are opinion leaders that can shape actions of actors not directly addressed by EUCityCalc in its co-creation process (e.g. other stakeholders not part of expert working groups, citizens).

Task 4.2: Set up of the expert working groups in the pilot cities (M7-M12) (Lead: ENC, Supporting: ENA, Contributing: all other local and regional partners)

In each pilot city, an expert working group with the identified stakeholders will be established. Their composition will vary depending on territorial specificities of the pilot cities. In all pilot cities however, key members will include public officials in charge of their SEAPs/SECAPs and related strategic plans. Also, depending on stakeholders involved, further public officials from other key city departments (e.g. transport, housing), especially those with planning competence, will join expert working group meetings. In DM, MUM and REA, expert working groups will be chaired solely by the pilot cities. In the Croatian and Portuguese pilot cities and Zdar, REAN, ENA and SEMMO will support pilot cities in chairing the expert working groups.

Task 4.3: Implementing co-creation with stakeholders in expert working groups in pilot cities (M12-27) (Lead: ENA, Supporting: ENC, Climact, PIK, CMW, Contributing: all other local and regional partners)

Prior to launching the expert working group meetings in the pilot cities, a workshop involving all partners will be held back-to-back with the project meeting in month 12. In this workshop, representatives from the URBACT Zero Carbon Cities project will be invited to share guidance and lessons learnt in delivering effective co-creation processes with stakeholders, based on their experiences with the URBACT local groups format. Alongside this workshop, CMW will provide guidance on engagement with NGOs, while PIK & Climact will provide insight on how to perform a sequential co-creation process through the European City Calculator, based on their experience with the stakeholder engagement for the European Calculator. Then, between months 18-26, the meeting structure and co-creation process as outlined in the methodology part of the Excellence section, will be implemented for the 5 face-to-face meetings of the expert working groups in each pilot city. DM, MUM and REA will run the co-creation process of their expert working groups. For the 3 Croatian, the 3 Portuguese pilot cities and Zdar, REAN, ENA and SEMMO will support them in implementing the co-creation process. Additionally, in Croatia and Portugal, the introductory meeting of expert working groups will be held jointly for the 3 pilot cities, before being split into separate expert working groups for each pilot city.

Task 4.4: Guidelines to insert adopted transition pathways and policy scenarios into SEAPs/SECAPs (M27-M31) (Lead: ENA, Supporting: REAN, SEMMO, Contributing: ENC, PIK, Climact, CMW)
Following the co-creation process, ENA, with support of REAN and SEMMO, will develop guidelines to facilitate the insertion of the adopted pathways and scenarios into pilot cities' SEAPs/SECAPs. ENC, PIK, Climact and CMW will contribute with guidance on how to conduct this insertion, based on their experience with NECPs. These guidelines will further comply with the Covenant of Mayors SEAP/SECAP guidebooks.
Task 4.5: Development/Update of SEAPs/SECAPs and related strategic plans in the pilot cities (M27-M36) (Lead: ENC, Contributing: all local and regional partners)
In this task, all pilot cities will transpose their adopted pathways and scenarios towards climate neutrality from the expert working groups as politically binding planning instruments into their SEAPs/SECAPs and related strategic plans. All pilot cities will feed their adopted pathway and scenario into their SEAP/SECAP update. Zdar will also use them to develop a new transition roadmap for its 2028-2050 development strategy. In MUM, they will feed into updating its city plan, while in DM, they will inform the update of its PCAET.
Task 4.6: Impact monitoring (M1-M36) (Lead: ENA, Supporting: ENC)
This task monitors the results and impact of the co-creation process. It will monitor the performance of the project in terms of meeting its KPIs on engaging local stakeholders and shaping policies/strategies. It will also derive findings and recommendations for improving the overall process and encourage participants to the training programme **(WP5)** to adopt this approach. Inputs for the results and impact monitoring will include meeting minutes of the expert working groups and satisfaction surveys with the stakeholders of these groups.

Role of participants: ENA will lead WP4, including tasks 4.1, 4.3, 4.4 and 4.6. ENC will have a strong supporting role and lead tasks 4.2 and 4.5. REAN and SEMMO will be involved in tasks 4.1-4.5 and support ENA in the development of the guidelines in task 4.4. DM, REA, Zdar and MUM are involved in tasks 4.1-4.3 and 4.5 as indicated. PIK, Climact & CMW will contribute with indicated expertise to tasks 4.3 and 4.4.

Deliverables
D4.1: Report on set-up of expert working groups in pilot cities (M12)
D4.2: Report on co-creation process in pilot cities (M27)
D4.3: Guidelines to leverage pathways and scenarios into SEAPs/SECAPs (M31)
D4.4: Report on development/update of SEAPs/SECAPs and related strategic plans in the pilot cities (M36)
Milestones
M4.1: Mapping of key local stakeholders in pilot cities (M6)
M4.2: Workshop with URBACT Zero Carbon Cities on co-creation with stakeholders (M12)
M4.3: MoUs with stakeholders of expert working groups in pilot cities on adopted pathway and scenario (M26)

Work package number	5	**Lead beneficiary**			REAN					
Work package title	Capacity-building and training programme									
Participant number	1	2	3	4	5	6	7	8	9	10	11
Short name of participant	ENC	PIK	Climact	CMW	REA	MUM	DM	ENA	Zdar	SEMMO	REAN
Person months per participant:	7,5	2,45	2,95	0,95	4,2	4,2	0,55	4,7	0,55	3,7	9,7
Start month	6			**End month**		35					

Objectives
Taking the lessons learnt of the application process of the webtool in the pilot cities, the overall objective of WP5 is to build the capacity and skills of public officials in other cities and public authorities in using the European City Calculator to plan their climate-neutral transition. The specific objectives of WP5 are to:

- Facilitate 3 peer-to-peer learning exchanges on the application of the webtool for the pilot cities;
- Design and deliver the training programme for cities and public authorities on the webtool in the pilot cities' 6 countries (Croatia, Portugal, Czechia, Italy, France, Latvia) and at EU-level;
- Develop a handbook on the European City Calculator webtool emission calculation methodology for cities to use in the Covenant of Mayors and European Energy Award initiatives;

Description of work

Task 5.1: Peer-to-peer learning for the pilot cities (M6-M25) (Lead: ENC, Participating: all partners)

As the pilot cities work with the European City Calculator throughout the project, ENC will facilitate 3 peer-to-peer learning exchanges, back-to-back with project meetings in months 6, 12 and 25, for them to share their experiences and challenges faced in applying the webtool, and identify lessons learnt for other cities and public authorities in using the European City Calculator webtool to plan their climate-neutral transition. The lessons learnt will feed into the design of the training programme of the webtool in **task 5.2**.

Task 5.2: Design of the training programme on the webtool (M19-M26) (Lead: REAN, Supporting: ENC, ENA, SEMMO, REA, MUM, Contributing: DM, Zdar, PIK, Climact, CMW)

Drawing on the lessons learnt from **task 5.1**, and after the internal demonstration session in month 18 to train all partners in using the webtool, the training programme on the webtool will be designed. The programme will employ the principles of active learning (see methodology part in Section 1.3). Its main elements will contain the same amount of face-to-face and online training modules in both the pilot cities' 6 countries and at EU level, as it will identify and target cities and public authorities that are similar to the project's local and regional partners. The programme will follow a sequential learning process: this will include a problem-framing of the "big picture" of the transition towards climate neutrality; webinars to adopt a cross-sectorial and territorial approach to decarbonisation through the webtool; and a face-to-face demonstration session on how to apply the webtool to develop pathways and support the creation of scenarios towards climate neutrality.

Task 5.3: Delivering training programme in pilot cities' countries and at EU-level (M27-M35) (Lead: REAN, Supporting: ENC, ENA, SEMMO, REA, MUM, Contributing: DM, Zdar, PIK, Climact, CMW)

The programme will then be implemented in the pilot cities' six countries (FR, HR, LV, IT, PT and CZ) and at EU-level as outlined in the methodology part of the Excellence section. In HR (REAN), PT (ENA) and CZ (SEMMO), the pilot cities and Zdar will contribute to the programme run by these project partners. In FR, ENC will run the programme with the contribution of DM to ensure peer-to-peer city learning. In IT (MUM) and LV(REA), the pilot cities will implement the programme for their peers. At country-level, the programme will be run in national languages. At EU-level, the programme will be run in English and led by REAN and ENC, with contribution of PIK, Climact and CMW, and participation of other local and regional partners.

Task 5.4: Development of handbook on emission calculation methodology of European City Calculator for the Covenant of Mayors and European Energy Award initiatives (M27-M35) (Lead: Climact, Supporting: PIK, Contributing: ENC, REAN, ENA, SEMMO)

Building on the experiences of the local and regional partners in applying the project's data approach for the webtool, as well as the interactions of participants of the training programme with this approach, Climact, with support of PIK and contribution of REAN, ENA and SEMMO, will draw up a handbook on the webtool's emission calculation methodology for cities to use in the Covenant of Mayors and European Energy Award. It will include guidance on how the webtool can be used to meet the Covenant of Mayors' SEAPs/SECAPs criteria, especially the baseline emission inventory, and how it can fulfil the GHG balance criteria of the European Energy Award. ENC will present the handbook in meetings with the Covenant of Mayors Europe Secretariat and the Covenant of Mayors practitioners group, as well as the European Energy Award secretariat.

Task 5.5: Impact monitoring (M6-M35) (Lead: REAN, Supporting: ENC)

In this task, the results and impact of the capacity-building activities and training programme will be monitored. It will monitor the project's performance in terms of meeting its KPI on increasing the capacity and skills of public officials and public authorities. It will also draw up findings and recommendations to improve the programme for further exploitation after the project's end. Inputs for the results and impact monitoring will include the stocktaking webinars done at the end of the programme in countries and at EU-level, as well as interviews with pilot cities on their learning experience with the webtool during the project.

Role of participants: REAN will lead WP5 and tasks 5.2-5.3 and 5.5, as well as run the training programme in HR and at EU-level. ENC will have a strong supporting role and lead task 5.1, as well as run the training programme in FR and at EU-level. Climact will lead task 5.4 with partners contributing as indicated. ENA, SEMMO, REA and MUM will lead the programme in PT, CZ, LV and IT, while DM and Zdar will contribute to the programme's delivery in FR and CZ. CMW, PIK & Climact will contribute to the design of the training programme and its delivery at EU-level through their involvement in tasks 5.2 and 5.3.

Deliverables
D5.1: Report on peer-to-peer learning exchanges (M25)
D5.2: Report on project's training programme in pilot cities' six countries and at EU-level (M35)
D5.3: Handbook on European City Calculator emission calculation methodology (M35)
Milestones
M5.1: Training programme on the webtool established (M26)
M5.2: Training programme delivered in six countries of pilot cities (M29) and at EU-level (M33)

Work package number	6	**Lead beneficiary**			CMW					
Work package title	Shaping the multi-level governance framework for climate neutrality									
Participant number	1	2	3	4	5	6	7	8	9	10	11
Short name of participant	ENC	PIK	Climact	CMW	REA	MUM	DM	ENA	Zdar	SEMMO	REAN
Person months per participant:	6,5	0,6	0,6	10	2,2	2,2	2,2	2,4	1,6	1,6	2,4
Start month	12			**End month**		36					

Objectives
WP6's objective is to trigger change at the necessary levels of the Governance Regulation to strengthen pilot cities' role in this key multi-level governance framework for climate neutrality. Its specific objectives are:

- Identify national and EU-level factors affecting the pilot cities' transition towards climate neutrality;
- Establish links between the pilot cities' SEAPs/SECAPs and their countries' NECPs and LTS;
- Inform the update of the NECPs and LTS in the pilot cities' countries;
- Enhance the alignment of city, national and EU decarbonisation policies for climate neutrality;

Description of work
Task 6.1: Assessment of enabling and constraining factors at national and EU-level (M12-35) (Lead: CMW, Supporting: ENC, Contributing: all other partners)
A focus group session with all partners will be arranged at the project meeting in month 12, to identify enabling and constraining national and EU factors affecting pilot cities' transition towards climate neutrality. Prior to this session, the advisory board will be consulted to contribute to the assessment. A survey will also be carried out among the stakeholders of the expert working groups (**WP4**) to feed into the collection of these factors. The results of the focus group session and survey will feed into a first report in month 22, which will be updated before the project's end, to add any further factors identified by participants of the training programme (**WP5**).
Task 6.2: Online advocacy training on the Governance Regulation for the local and regional partners (M23-M30) (Lead: CMW, Supporting: ENC, Contributing: all other partners)
A capacity-building toolkit on the Governance Regulation processes will be prepared by CMW and ENC for the online advocacy training with local and regional partners. 3 hands-on online advocacy training sessions will then be conducted with the local and regional partners, as outlined in the Excellence section, to help them formulate their recommendations for their countries' NECPs/LTS update. All sessions (in English) will be recorded and published on the project website to provide this opportunity to other cities and public authorities.
Task 6.3: Feed the pilot cities' contributions into the NECPs and LTS (M30-M35) (Lead: ENC, Supporting: CMW, Contributing: all local and regional partners)
1 national roundtable workshop will be organised in month 34 in the 6 countries of the pilot cities, with participation of national policymakers and stakeholders of their expert working groups. In these workshops, the pilot cities' adopted pathways and scenarios towards climate neutrality will be presented, and how they will shape their SEAPs/SECAPs. These workshops will also outline and discuss pilot cities' country-specific recommendations for the update of their countries' NECPs in 2023/2024 and the LTS in 2024/2025. ENA and REAN will support the Portuguese and Croatian pilot cities in organising the workshops and presenting the recommendations for Portugal and Croatia, while SEMMO will do the same for Zdar in the case of Czechia.
Task 6.4: Align city, national & EU climate neutrality policies (M25-M36)(Lead: CMW, Supporting: ENC)
CMW and ENC will formulate overall policy recommendations for cities, EU-countries and EU institutions to accelerate the transition towards climate neutrality, by enhancing the integration of top-down policy

mechanisms with new bottom-up incentives that leverages cities' role as key decarbonisation arenas. For this, it will build on the webtool's approach to connect the levers with governance levels and policies (**WP3**), and the pathways and scenarios developed in the pilot cities (**WP4**). It will also identify remaining gaps in the Governance Regulation and how to bridge them, to drive stronger alignment between cities, Member States and the EU-level. The recommendations will be ready in month 30 and presented in 2 EU-level workshops in Brussels: 1 workshop will be organised by ENC with the Covenant of Mayors, back-to-back with the project meeting in month 30 during the EUWRC, where outcomes of the co-creation process in the pilot cities will be discussed with Covenant signatories. 1 workshop will be organised by CMW in the EP in month 34 (with the Green Deal Intergroup), to discuss the key role of cities in the EU's transition towards climate neutrality.

Task 6.5: Impact monitoring (M12-M36) (Lead: CMW, Supporting: ENC)

Results and impact of **WP6** capacity-building and advocacy activities will be monitored. It will monitor project performance in meeting its KPIs on increasing capacity and skills of public officials and public authorities and shaping policies/strategies. It will draw up learnings on how the **WP6** capacity-building process could be refined to empower more cities in using the Governance Regulation to strengthen their role in this framework. Inputs for the results and impact monitoring will include interviews with local and regional partners on their learning experience with the advocacy training, and satisfaction surveys after the national and EU-level events.

Role of participants: CMW will lead WP6 and tasks 6.1-6.2 and 6.4-6.5. ENC will have a strong supporting role and lead task 6.3. All local and regional partners contribute as indicated to tasks 6.1-6.3. PIK & Climact will contribute to the focus group session organised in task 6.1, and with indicated expertise to task 6.2.

Deliverables

D6.1: Report on national and EU factors affecting pilot cities' climate-neutral transition (M22)
D6.2: Capacity building toolkit highlighting the Governance Regulation processes (M25)
D6.3: Country-specific recommendations to improve updated NECPs & LTS in pilot cities 6 countries (M30)
D6.4: Report on national roundtable workshops (M35)
D6.5: Report on EU-level workshops (M36)
D6.6: Policy recommendations to improve multi-level governance framework for climate neutrality (M30)

Milestones

M6.1: 1 Focus group session (M12)
M6.2: 3 online advocacy training sessions completed on the Governance Regulation (M30)
M6.3: 6 national roundtable workshops held in the pilot cities' 6 countries (1 per country) (M34)
M6.4: 2 EU-level workshops organised, 1 with Covenant of Mayors (M30) & 1 with EU Parliament (M34)
M6.5: Finalised report on national and EU factors affecting pilot cities' climate-neutral transition (M35)

Work package number	7	**Lead beneficiary**			ENC					
Work package title	Communication and Dissemination									
Participant number	1	2	3	4	5	6	7	8	9	10	11
Short name of participant	ENC	PIK	Climact	CMW	REA	MUM	DM	ENA	Zdar	SEMMO	REAN
Person months per participant:	9,75	0,75	1	8	2,5	2,5	2,5	2,75	1,6	1,25	2,75
Start month	1			**End month**		36					

Objectives

The overall objective of WP7 is to promote the prospective modelling approach of the European City Calculator webtool to other European cities and public authorities, and to support the outreach of pilot cities to their stakeholders in the application of the webtool. The main activities to support this objective are:

- Developing an effective communication and dissemination plan and the main communication tools;
- Developing highly adaptable local communication campaign toolkits for the pilot cities;
- Designing attractive and understandable multimedia tools to visualise the language of modelling;
- Disseminating findings widely to encourage more cities and public authorities (e.g. local and regional energy agencies) to launch the planning process towards climate neutrality with the webtool;

Description of work

Task 7.1 Communication & dissemination plan (M1 – M3) (Lead: ENC, Supporting: CMW)

A communication & dissemination plan will be developed at the project's start, building on the draft proposed in Section 2.2. This plan will ensure a high visibility and effective dissemination of EUCityCalc outputs, and will elaborate the methods and tools employed to reach the project's key target groups. For this, it will draw on the established networks of the local and regional partners. The plan, which will be regularly updated, will also identify other projects (i.e. EU projects identified in Section 1.3) to seek synergies and maximise impact.

Task 7.2 Project visual identity and media package (M1-M3) (Lead: CMW, Supporting: ENC)

This task will develop tailored communication tools for the EUCityCalc key target groups. This will consist of the project visual identity (logo, templates for presentations and reports, brandbook), a roll-up for project events and a media package, in order to ensure a cohesive and common branding of all project activities.

Task 7.3 Establishing and maintaining the project main communication tools (M1-M6) (Lead: ENC, Supporting: CMW, Contributing: all partners)

The project website created in month 6 will be a user-friendly, open access knowledge dissemination platform. It will enable an intuitive viewing of the webtool, which will be the core of the website hosting. It will provide a resource library of project publications, multimedia outputs, activities and capacity-building materials, and include information about project objectives, members and reports. The website will be maintained for at least 5 years after the project's end, to exploit results beyond its lifetime. Other external communication tools and channels will include mailing lists, social media, a newsletter and mass media. Mailing lists will alert key target groups about events and publications every 2-3 months. All partners will contribute to build up mailing list audiences, and advertise subscription to it among their contacts and participants to project activities. Partners will be encouraged to use social media to communicate project findings and outcomes. Social media use will be also promoted among participants to project activities through social media packages, which will share information and highlight project campaigns, e.g. the local communication campaigns in **task 7.4** for pilot cities. These packages (in English) will be editable for translation into pilot cities' national languages. The project will publish periodically a newsletter, and also make use of mass media and publications.

Task 7.4: Design of local communication campaign toolkits for pilot cities (M3-M15) (Lead: CMW, Supporting: ENC, Contributing: all local and regional partners)

CMW and ENC will develop adaptable and translatable local communication campaign toolkits, one per pilot cities' country, together with local and regional partners. The toolkits will contain media and social media strategies and promoted content, as well as campaign videos and infographics created by CMW and ENC in **task 7.5**. The toolkits will support outreach in pilot cities to key local stakeholders of their expert working groups in **WP4**, and raise awareness of other stakeholders not part of these groups, by highlighting the benefits of prospective modelling in planning a climate-neutral transition. CMW, with its expertise on working with NGOs, will support local and regional partners with methods to facilitate outreach to key NGOs on their territories. Local and regional partners will translate and adapt the toolkits before running their campaigns.

Task 7.5: Creation of multimedia tools (videos, infographics and podcasts) (M3-M36) (Lead: ENC, Supporting: CMW, Contributing: all local and regional partners)

This task will respond to the challenge of translating modelling into a language that those impacted can understand and apply. In alignment with **task 7.4** and to support the national outreach of local and regional partners, ENC & CMW will develop several multimedia tools to visualise the prospective modelling approach of the webtool in attractive formats. CMW will create 1 campaign video per pilot cities' country, in collaboration with local and regional partners, for the toolkits of **task 7.4**. These videos will be adapted by local and regional partners to their context and translated by them into their languages to ensure broad outreach and impact. ENC will develop 1 infographic per pilot cities' country, together with local and regional partners, for the toolkits, to highlight how pilot cities address their main challenges towards climate neutrality with the webtool. ENC will also produce with support of CMW 1 podcast per pilot cities' country. The podcasts will be in English and contain interviews with the pilot cities on their experiences with applying the webtool at local level. Local and regional partners will contribute to their podcast with short audio interviews (in their national language and translated by ENC into English) with the stakeholders of their expert working groups.

Task 7.6: EU narrative on prospective modelling in cities (M24-M33) (Lead: CMW, Supporting: ENC)

This task will summarise the application process of the webtool in the pilot cities. It will be written in a visually compelling storytelling format, to facilitate dissemination and encourage more cities to take up the webtool's

prospective modelling approach in planning their climate-neutral transition. The narrative will be a brochure in English, and include 'short narratives' outlining the benefits of planning such a transition in co-creation with stakeholders. It will become part of project presentations at national and EU-level dissemination events.

Task 7.7: Dissemination at national and EU-level (M6-M36) (Lead: ENC, Supporting: CMW, Contributing: all other partners)

EUCityCalc will ensure broad dissemination of its information to its key target groups at national and EU-level and invite them to its activities through a threefold approach. Firstly, all partners will disseminate findings through their communication channels and their media contacts. Secondly, local and regional partners will present project findings in 1 national dissemination event (e.g. Assises de l'Energie in France). ENC will support national dissemination through its collective members outside of the pilot cities' countries. PIK, Climact & CMW will each present findings in English in 1 EU-level dissemination event (e.g. EU modelling forum). Thirdly, ENC will disseminate project contents during key EU events (e.g. EUSEW) and through its involvement in the Covenant of Mayors. For the Covenant of Mayors, ENC will highlight how the pathways & scenarios towards climate neutrality developed with the webtool can support signatories in updating their commitment to include climate neutrality. In month 36, ENC will organise with support of CMW the project's final conference in Brussels, which will target European public authorities at all governance levels and EU institutions. It will communicate on the project's final results and what they entail for public authorities. It will also tie them to the political context to contribute to the EU Green Deal debate on long-term goals and the need for short-term action. It will invite broad participation through an interactive exchange with attendees to debate how prospective modelling can shape the planning of the climate-neutral transition beyond the city-level.

Task 7.8: Impact monitoring (M1-M36) (Lead: ENC, Supporting: CMW)

Regular data collection of outputs will be conducted, to measure if project performance is on track in meeting its KPIs (dissemination impact indicators as in Section 2) as laid out in the communication and dissemination plan. This continuous monitoring will ensure that when EUCityCalc is not performing adequately in reaching its key target groups, corrective actions can be rapidly identified and implemented to remedy the situation.

Role of participants: ENC will lead WP7 and tasks 7.1, 7.3, 7.5, 7.7-7.8. CMW will have a strong supporting role and lead tasks 7.2, 7.4, 7.6. All partners contribute to tasks 7.3 and 7.6 as indicated. Climact will also support ENC in task 7.3 in maintaining the webtool on the website. All local and regional partners will contribute to tasks 7.4 & 7.5 as indicated to ensure strong linkage of WP7 to their co-creation process in WP4.

Deliverables

D7.1: Communication and Dissemination plan (M3)
D7.2: Visual identity and media package (M3)
D7.3: Project website (M6)
D7.4: Local communication campaign toolkits (1 per pilot cities' country) (M15)
D7.5: Report on dissemination activities (M36)
D7.6: European narrative on prospective modelling in cities (M33)
D7.7: Report on EUCityCalc final conference (M36)

Milestones

M7.1: Multimedia tools: 6 campaign videos & 6 infographics for toolkits (M15), & 6 podcasts (M36)
M7.2: EUCityCalc final conference organised (M36)

Table 3.1 c: List of Deliverables

Deliverable #	Deliverable name	WP#	Short name lead participant	Type	Dissemination level	Delivery date (month)
D1.1	Minutes of project meetings	WP1	ENC	R	CO	M1-36
D1.2	Quality Management Plan	WP1	ENC	Other	CO	M2
D1.3	Risk Management Plan	WP1	ENC	Other	CO	M3
D1.4	Data Management Plan	WP1	ENC	Other	CO	M5
D2.1	Guide prospective modelling	WP2	PIK	R	PU	M6
D2.2	Guidelines data integration	WP2	PIK	R	PU	M9
D2.3	Report Scope emissions / air quality	WP2	PIK	R	PU	M16

D3.1	Final data gathering forms	WP3	Climact	Other	CO	M6
D3.2	Report on levers	WP3	PIK	R	PU	M12
D3.3	European City Calculator webtool	WP3	Climact	Other	PU	M17
D4.1	Report expert working groups	WP4	ENC	R	CO	M12
D4.2	Report co-creation in pilot cities	WP4	ENA	R	PU	M27
D4.3	Guidelines for SEAPs/SECAPs	WP4	ENA	R	PU	M31
D4.4	Report SEAPs/SECAPs pilot cities	WP4	ENC	R	PU	M36
D5.1	Report on peer to peer learning	WP5	ENC	R	PU	M25
D5.2	Report on training programme	WP5	REAN	R	PU	M35
D5.3	Handbook emission calcul. method.	WP5	Climact	R	PU	M35
D6.1	Report on national and EU factors	WP6	CMW	R	PU	M22
D6.2	Toolkit Governance Regulation	WP6	CMW	R	PU	M25
D6.3	Country-specific recommendations	WP6	CMW	Other	PU	M30
D6.4	Report on national workshops	WP6	ENC	R	PU	M35
D6.5	Report on EU-level workshops	WP6	CMW	R	PU	M36
D6.6	Overall policy recommendations	WP6	CMW	R	PU	M30
D7.1	Communicat. & disseminat. plan	WP7	ENC	R	PU	M3
D7.2	Visual identity and media package	WP7	CMW	DEC	PU	M3
D7.3	Project website	WP7	ENC	DEC	PU	M6
D7.4	Local campaign toolkits	WP7	CMW	DEC	PU	M15
D7.5	Report on dissemination activities	WP7	ENC	R	PU	M36
D7.6	Narrative prospective modelling	WP7	CMW	R	PU	M33
D7.7	Report on final conference	WP7	ENC	R	PU	M36

3.2 Management structure and procedures

EUCityCalc will set up a flexible and straightforward management approach that will match the complexity and scale of the proposal. ENC with its 30 years' experience in managing EU-funded projects, will draw on proven and relevant management structures and procedures to oversee the project's delivery. The management approach taken will ensure a high level of engagement and collaboration among partners. Relations between partners, including a code of conduct, will be established in detail at the project's start in its consortium agreement (CA). **The organisational structure, decision-making mechanisms and roles and responsibilities will be as follows**:

Project coordinator (PCO): ENC as PCO will assume the responsibilities of coordination and management, in line with the grant agreement (GA) and the CA. The PCO will oversee the delivery of project activities, monitoring and reporting of progress, and handle administrative and financial aspects. In terms of financial project management, the PCO will manage the overall project budget, but partners will be responsible to manage their own project finances in compliance with GA requirements. The PCO will require regular financial updates from partners (expected on a 6-month basis) to assure sound monitoring and reporting of spending levels, and if needed implement changes in reallocating resources among partners. The PCO will manage project meetings (the steering group meetings), and support ENA and REAN in the management of their allocated project meetings. The PCO will also manage the meetings of the project management group. It will be responsible for implementing decisions taken in the steering group and project management group meetings. It will be also the final instance of quality control of deliverables, and the first instance in representing EUCityCalc to the outside. Finally, the PCO will centralise all required communications with EASME. The role of PCO will be assumed by an expert with a PMP certification from the Project Management Institute (PMI), who will be supported by a junior project manager with a CAPM certification from the PMI. Project management will follow best practices according to PMI standards.
Project management group (PMG): In the project delivery, the PCO will rely on the PMG for taking operative decisions that don't require escalation to the steering group. The PMG, which includes the PCO and all WP leaders, will regularly meet virtually to discuss operational matters, such as reviewing progress made in WPs, and ensuring coherent interactions between WPs. The PMG will strive to take decisions by consensus, but if it is not possible, it will adopt decisions by majority. WP leaders are responsible for overseeing and delivering the activities within their WP, and are the first instance for quality control of deliverables of their WP. They are also responsible for

supervising the timely delivery of tasks within their WP by task leaders. WP leaders have been designated based on their competences and available capacity, and have experience from previous EU projects in being WP leader.
Steering group (SG): The PCO will also rely on the SG for the project's delivery. The SG is composed of two representatives per partner and acts as the project's decision-making body for strategic, principle decisions. Decisions in the SG are also strived to be taken by consensus, with each partner having one vote. In case consensus is not possible, a 2/3 majority will be required. The issues subject to adoption by the SG concern substantial administrative changes (e.g. GA modifications) and definition of strategic, policy and dissemination orientations.
Project advisory board: The PCO will centralise relations with the project advisory board, as outlined earlier.

Conflict management

In EUCityCalc, all partners are responsible for raising critical difficulties and conflicts. These will be discussed during SG meetings. For serious conflicts, the PCO will organise the conflict resolution. If required, the matter will be escalated to higher levels in the hierarchy of involved partners, or subject to a decision in an SG meeting.

Innovation management

As concerns innovation management, the management structure and work plan will allow to exploit in particular the numerous capacity-building materials developed on the webtool. This will be ensured notably by feeding in learnings from local and regional partners, and also from cities and public authorities joining the training programme, in refining these materials to improve them and increase their relevance for more European cities and public authorities. Synthesis outputs such as the policy recommendations in WP6 and the narrative on prospective modelling in WP7, will contribute to this innovation process by providing more generalised and easily accessible innovation. The PCO will assume overall responsibility for innovation management with support of WP leaders.

Table 3.2 a: List of milestones

Milestone number	Milestone name	Related WP(s)	Due (in month)	Means of verification
M1.1	Kick-off meeting	WP1	1	Report of meeting shared with partners
M1.2	Interim meeting	WP1	18	Report of meeting shared with partners
M1.3	Final meeting	WP1	36	Report of meeting shared with partners
M2.1	Data automation protocol and processing	WP2	12	Data protocol shared with partners
M3.1	Baseline in pilot cities	WP3	13	Each pilot city has baseline document
M3.2	Demonstration session on European City Calculator	WP3	18	Participation List and article published online on project website
M4.1	Mapping key stakeholders in the pilot cities	WP4	6	Each pilot city has a documented list
M4.2	Workshop with URBACT Zero Carbon Cities	WP4	12	Participation list and meeting minutes
M4.3	MoUs with stakeholders of expert working groups	WP4	26	Each pilot city has an adopted MoU
M5.1	Training programme on webtool established	WP5	26	Document on training programme is available to partners
M5.2	Training programme done in countries & at EU-level	WP5	29/33	Lists of attendance for each training
M6.1	Focus group session	WP6	12	Participation list and meeting minutes
M6.2	3 online advocacy training sessions completed	WP6	30	Participation list for each of the 3 training sessions
M6.3	6 workshops held in pilot cities' countries	WP6	34	Lists of attendance for each workshop
M6.4	2 EU workshops held	WP6	34	Lists of attendance for each workshop
M6.5	Finalised report on national and EU factors	WP6	35	The finalised report is published online on the project website
M7.1	Multimedia tools	WP7	15/36	6 Videos & 6 infographics in toolkits, 6 podcasts online on project website
M7.2	Final conference organised	WP7	36	List of attendance for final conference

Risk management

Effective risk management will be key considering EUCityCalc's complexity and scale. A first draft of the risk management plan is provided below, which will be completed at the project's start. This plan will be regularly monitored by the PCO as overall responsible risk manager together with WP leaders. It will mitigate and contain identified risks, and centralise risks in a risk register, which will be updated as new risks are identified. Below, a first list of risks and risk-mitigation measures is provided, which will pre-populate the project's risk register:

Table 3.2b: Critical risks for implementation

Description of risk (level of likelihood: Low/Medium/High)	WP(s) involved	Proposed risk-mitigation measures
Lack of availability of pilot cities and local and regional partners' staff (due to workload peaks of their day-to-day work), and changes in staff, prevent them to work on project activities **(low)**	1-7	The involved pilot cities and local and regional partners were selected due to their motivation and vision of how they will match the project with their local agenda. Also, all local partners will commit between 2-5 staff to the project, which should assure continuity in the delivery even if a staff member is leaving.
Resurgence of COVID-19 pandemic in Europe prevents partners from travelling to project meetings and organising face-to-face events of the project **(high)**	1, 3, 4, 5, 6, 7	All partners have acquired experience during the first COVID-19 wave in holding engaging online events. As the project revolves around a webtool which enables broad online interactions, another ban on travel and face-to-face events can be mitigated by reallocating resources to change these events into online ones.
Delays in mapping the main data entries required from pilot cities in task 2.2 delays the data automation procedure of task 2.3 and data usage in WP3 **(medium)**	2	PIK and Climact, with support of ENC, will engage as of month 1 the pilot cities and other local and regional partners to identify their information challenges in this regard and how to overcome them.
Pilot cities and the local and regional partners of the project require additional support to standardise data entries to be used in the model of the European City Calculator (**medium-high**)	2	Best data practices (e.g. filling up missing years, interpolations) and common metadata structures will be provided through pilot cases at the kickoff meeting. Regular and tailored support will be further ensured by PIK & Climact throughout the first project year.
Insufficient availability of city-specific air quality emission factors **(medium)**	2	This risk will be addressed by using country factors instead for the pilot cities' six countries.
Connection between policies at various governance levels and the technical levers is not always 1:1, meaning that the quantitative effect of one lever cannot be linked unequivocally to local or national policies **(low-medium)**	3	This risk will be mitigated through a qualitative judgment drawn from established literature on the differential effect of national vs local governance level for the technical lever in question.
Delay in the delivery of the first operational version of the European City Calculator for the pilot cities and other local and regional partners **(medium)**	3	The project can draw on the well-functioning webtool of the European Calculator, which has modelled relevant data for the pilot cities' countries. Thus, the required adaptations from the country to city level should not be an obstacle to all local and regional partners to already start work with the existing webtool, before the European City Calculator is available.

Insufficient availability of data at city level for the pilot cities **(medium)**	3	To mitigate this risk, already modelled country data from the European Calculator can be used (downscaling), or data from another similar city leveraged. City values can also be automatically interpolated based on European or national values based on their respective populations.
Resistance from hierarchy in the administrations (e.g. due to elections changing leadership) of pilot cities prevents insertion of adopted scenarios and pathways into SEAPs/SECAPs **(low)**	4	EUCityCalc engages departments with a strategic planning function within pilot cities to mitigate this risk. Also, LoCs were provided by them at mayor, deputy-mayor or director level to demonstrate political commitment. ENC as PCO will also monitor political changes in pilot cities and ensure early engagement of new hierarchies in administrations and local leaders.

3.3 Consortium as a whole

EUCityCalc gathers a balanced, interdisciplinary team of experts. It unites ENC as PCO and dissemination and communication lead, PIK and Climact as partners behind the European Calculator, CMW as policy partner in shaping the Governance Regulation, and practitioners from ENA and REAN as leaders of the co-creation process in the pilot cities (also supporting the pilot cities PAL, SES, SET, KOP, VAR and VIR, all indirect partners) and the training programme for cities and public authorities. It also brings in an additional national capacity-building and dissemination partner (SEMMO supporting Zdar and running the programme in CZ) and 4 pilot cities (REA, MUM, DM and Zdar) as direct partners. Partners have not worked in this constellation before, but have acquired profound experience in working in EU projects. Their selection was also guided by EUCityCalc's ambition to support cities and public authorities as key beneficiaries in learning novel approaches and acquiring a higher level of expertise to meet their challenges in planning a climate-neutral transition: adopting a prospective modelling approach through the webtool (PIK, Climact), shaping the Governance Regulation (CMW), and driving a co-creation process to engage with stakeholders (ENC, PIK, Climact, and CMW). **The selection of the 10 pilot cities**, as outlined earlier, allows for meaningful peer-to-peer learning and enables other cities and public authorities to learn from their experiences in working with the European City Calculator. The 4 pilot cities (**REA, MUM, DM and Zdar**) as direct partners are represented by senior staff from departments with a strategic planning function. The other 6 pilot cities as indirect partners will also be represented through such staff, and will be involved by ENA and REAN in all project activities. **The selection of the remaining partners was guided as follows:**

ENC: As European network of cities in energy transition, its strengths lie in managing EU-funded projects involving cities and public authorities, in fostering peer-to-peer learning and in maximising outreach across the EU. ENC also acquired profound understanding of the European Calculator by working with it in the frame of the LIFE PlanUp project, and will use this experience to support the transition from the European Calculator to the European City Calculator, by acting as broker between the modelling world and the local energy transition reality.

PIK: As one of the two modelling partners of the project responsible for the European Calculator, PIK is well-positioned with its scientific expertise to ensure that the prospective modelling approach of the European City Calculator will be in line with the latest science and the 2050 EU targets. PIK also has experience from other EU projects (e.g. 2050 CliMobCity) in supporting cities and public authorities in planning their energy transition.

Climact: In complementarity to the modelling expertise provided by PIK, Climact's competences are especially its ability to support cities and public authorities with a practically applicable perspective on how they can use the levers approach to trigger systemic change at the adequate governance level. Climact is also astute in the main local planning documents (e.g. SEAPs/SECAPs), especially due to their experience in working with cities in Belgium. Climact's work with Member States in feeding European Calculator pathways and scenarios into their NECPs can be leveraged to support the project's 10 pilot cities in doing the same for their pathways and scenarios.

CMW: With its policy expertise in shaping the Governance Regulation, CMW is well-placed to support the pilot cities in strengthening their role within this framewok. CMW can also leverage this expertise through its experience in coordinating LIFE PlanUp, which has shaped the NECPs agenda in the past two years. CMW's strength in developing and applying innovative communication tools, especially multimedia tools, will contribute to

strengthen the project's communication and outreach capacity. As NGO, CMW's knowledge on how to engage these key local stakeholders will also be critical in shaping the co-creation process of the webtool in the pilot cities.
ENA: As practitioners with long-term expertise in supporting city planning, e.g. SEAPs/SECAPs, ENA's strengths lie in technical rigour, methodological discipline and data collection. ENA has participated in the SEAPs/SECAPs of the PT pilot cities it will support in EUCityCalc, and they are part of ENA's Board. ENA is also astute in establishing and maintaining ties with local stakeholders, which will be key in leading **WP4**. ENA will commit senior staff to EUCityCalc, including an expert on dissemination and communication to boost outreach in PT.
REAN: With a similar profile to ENA, REAN complements ENA and will ensure that the Croatian pilot cities it supports will benefit from all learnings of EUCityCalc. REAN was also established by the Croatian pilot cities to support their transition, e.g. in the SEAPs/SECAPs process. REAN has experience in training other cities and public authorities in this regard, which will be key for leading the **WP5** training programme. REAN will commit senior staff to the project, including a dissemination and communication expert to boost outreach in Croatia.
SEMMO: SEMMO's long-term expertise of supporting Czech cities in their planning process, e.g. on SEAPs/SECAPs, will serve its accompaniment of Zdar in working with the webtool. SEMMO will also run the training programme in CZ, and contribute to dissemination and communication to increase outreach in this country.

3.4 Resources to be committed

Table 3.4a: Summary of staff effort

	WP1	WP2	WP3	WP4	WP5	WP6	WP7	Total PM	In %
1) ENC	**9**	0,3	1,6	3,5	7,5	6,5	**9,75**	**38,15**	14,91%
2) PIK	1,75	**13**	9	1	2,45	0,6	0,75	**28,55**	11,16%
3) Climact	1,75	7	**11**	1	2,95	0,6	1	**25,3**	9,89%
4) CMW	1,75	0,2	0,2	1	0,95	**10**	8	**22,10**	8,64%
5) REA	1,1	0,5	4,35	4,75	4,2	2,2	2,5	**19,6**	7,66%
6) MUM	1,1	0,5	4,35	4,75	4,2	2,2	2,5	**19,6**	7,66%
7) DM	1,1	0,5	4,35	4,75	0,55	2,2	2,5	**15,95**	6,24%
8) ENA	2,25	0,5	5,85	**13**	4,7	2,4	2,75	**31,45**	12,29%
9) Zdar	1,1	0,25	2,6	3,05	0,55	1,6	1,6	**10,75**	4,2%
10) SEMMO	1,1	0,25	2,6	2,2	3,7	1,6	1,25	**12,7**	4,96%
11) REAN	2,25	0,5	5,85	8,25	**9,7**	2,4	2,75	**31,7**	12,39%
Total PM	**24,25**	**23,5**	**51,75**	**47,25**	**41,45**	**32,3**	**35,35**	**255,85**	100%

Table 3.4 b 'Other direct cost' items (travel, equipment, goods and services)
Reasons are stated for partners where other direct costs are higher than 15% of direct personal costs. These costs are e.g. due to travel, event organisation, webtool tailoring and communication tools. Travel costs are budgeted at EUR 900 per travel per person (EUR 500 travel, EUR 400 subsistence), due to partners aiming to travel low-carbon, i.e. train, where possible. As train travel is still costlier than flying, this informed travel costs calculation.

ENC	Cost (€)	Justification
Travel	8100	Project meetings (3600), 3 Dissemination events (2700), 2 trainings in Dijon, France (1800)
Other goods and services	89900	Travel for 3 meetings project advisory board (8100), organisation 5 project meetings (10000), Zoom subscription (1900), translation webtool (25000), organisation 2 trainings EU-level (2000), travel for participants 2 trainings France (3000), travel for participants for 2 trainings EU-level (18000), organisation 1 EU-level workshop (1000), travel 2 speakers EU-level workshop (1800), project website (8000), Soundcloud subscription podcasts (300), translation for 6 podcasts (1200), editing 6 infographics (3600), final conference (6000)
Total	98000	

Climact	Cost (€)	Justification
Travel	4500	Project meetings (3600), 1 Dissemination event (900)
Other goods and services	50000	Webtool improvements (50000)
Total	54500	

CMW	Cost (€)	Justification
Travel	4500	Project meetings (3600), 1 Dissemination event (900)

Other goods and services	24300	Organisation 1 EU workshop (1000), travel for 2 speakers EU workshop (1800), layout/printing overall policy recommendations (2500), visual identity & media package (5000), 6 videos for toolkits (12000), layout/printing narrative report (2000)
Total	28800	

REA	**Cost (€)**	**Justification**
Travel	13500	Project meetings (12600), 1 Dissemination event (900)
Other goods and services	8000	Organis. expert working group meetings (2500), Organis. 2 trainings Latvia (1500), travel for participants 2 trainings Latvia (3000), organis. 1 national workshop (1000)
Total	21500	

MUM	**Cost (€)**	**Justification**
Travel	13500	Project meetings (12600), 1 Dissemination event (900)
Other goods and services	8000	Organis. expert working group meetings (2500), Organis. 2 trainings Italy (1500), travel for participants 2 trainings Italy (3000), organis. 1 national workshop (1000)
Total	21500	

DM	**Cost (€)**	**Justification**
Travel	13500	Project meetings (12600), 1 Dissemination event (900)
Other goods and services	5000	Organisation expert working group meetings (2500), organisation 2 trainings in Dijon, France (1500), organisation 1 national workshop in Dijon, France (1000)
Total	18500	

ENA	**Cost (€)**	**Justification**
Travel	15300	Project meetings (10800), 1 Dissemination event (900), expert working group meetings (1800), 2 trainings in Portugal (900), 1 national workshop (900)
Other goods and services	18500	Organisation 1 project meeting (2000), organisation expert working group meetings (5000), organisation 2 trainings in Portugal (1500), travel for participants 2 trainings in Portugal (9000), organisation 1 national workshop (1000)
Total	33800	

Zdar	**Cost (€)**	**Justification**
Travel	13500	Project meetings (12600), 1 Dissemination event (900)
Other goods and services	5000	Organisation expert working group meetings (2500), Organisation 2 trainings in Zdar, Czechia (1500), Organisation 1 national workshop in Zdar (1000)
Total	18500	

SEMMO	**Cost (€)**	**Justification**
Travel	17100	Project meetings (12600), 1 Dissemination event (900), expert working group meetings (1800), 2 trainings Zdar, Czechia (900), 1 national workshop (900)
Other goods and services	9000	Travel for participants 2 trainings in Zdar, Czechia (9000)
Total	26100	

REAN	**Cost (€)**	**Justification**
Travel	15300	Project meetings (10800), 1 Dissemination event (900), expert working group meetings (1800), 2 trainings Croatia (900), 1 national workshop (900)
Other goods and services	18500	Organisation 1 project meeting (2000), organisation expert working group meetings (5000), organisation 2 trainings Croatia (1500), travel for participants 2 trainings Croatia (9000), organisation 1 national workshop (1000)
Total	33800	

EUCityCalc Section 4 and 5

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Section 4: Members of the consortium

4.1. Participants (applicants)

Participant No. 1 – Energy Cities (ENC)

Description of the legal entity

Energy Cities is the European association of local authorities in energy transition. The network represents 1,000 cities and towns from 30 countries. Energy Cities triggers a trustful dialogue between local leaders and EU & national institutions to accelerate the energy transition in Europe. The network gathers frontrunners and energy transition beginners, city officials and technical experts. Energy Cities is steered by a Board of Directors of 11 cities from 11 countries, and its activities are driven by a staff of 25 international experts. Its current President is the City of Heidelberg (Germany), which also sits at the board of the Covenant of Mayors Europe and the Global Covenant of Mayors initiatives.

Its main objectives are to:

- Strengthen local authorities' role and skills in the field of sustainable energy.
- Represent their interests and influence the EU policies in the fields of energy, environmental protection and urban policy.
- Develop and promote cities' initiatives through exchange of experiences, transfer of know-how and implementation of joint projects.

Energy Cities wants a radical transformation of the energy systems and policies, giving citizens the power to shape a decentralised and renewable energy future. The network believes that the energy transition is not just about clean energy or great technologies: It is about a wise use of resources, while strengthening local participation and well-being in a democratic Europe.

Through persistent advocacy work in Brussels and Member States, Energy Cities transforms European governance and legal frameworks so that cities can fully play their role in the energy transition. Its events provide creative spaces for our community to connect and share experiences. The network also develops, tests and applies new solutions in projects. They serve as tools for others. The stories shared demonstrate the many benefits of a participatory energy transition to national and European decision-makers.

With more than 30 year of experience in the management and coordination of EU-funded projects in programmes such as Horizon 2020, IEE, FP7, LIFE and INTERREG, Energy Cities is well placed to support cities in driving the energy transition in Europe. By developing capacity-building materials, organizing trainings and peer-to-peer activities and facilitating collaboration, networking and new partnerships, we seek to foster the upscaling and replication of innovative and successful governance, transition management, roadmapping and other tools by European public authorities at local level.

Energy Cities has also been engaged in different projects and programmes addressing in particular the long-term decarbonisation pathways of cities, such as the French Post-Carbon City Programme led by ADEME (French National Environment and Energy Agency) and the French Environment Ministry, but also the EU FP7 funded POCACITO (Post-Carbon Cities of Tomorrow) project and the on-going INTERREG Europe project MOLOC - Low carbon urban morphology.

From 2009 onwards, Energy Cities has also been coordinating the European Covenant of Mayors initiative, which is supporting now over 10 000 signatory cities in the development and implementation of their Sustainable energy & climate action plans (SECAPs). The ambitious SECAPs developed by local authorities committed to the Covenant of Mayors have proven to be critical in supporting the EU in meeting its 2020 and 2030 EU climate and energy objectives. Energy Cities can leverage on this experience to further support public authorities, in particular local authorities, in their energy transition in Europe.

In EUCityCalc, Energy Cities will be involved as coordinator and lead WP1 (Project Management) and WP7 (Communication & Dissemination). For WP1, Energy Cities will leverage its abovementioned experience in managing and coordinating EU-funded projects. For WP7, Energy Cities will notably build in the communication and dissemination on its established channels, such as e.g. its monthly newsletter with over 4,000 subscriptions, and its Twitter account with over 9,000 followers. Moreover, Energy Cities' annual conference attracts each year some 200 participants (cities, regions, national- and EU-decision-makers, etc.).

Key personnel to be involved in the proposed project

Name :	Gonçalves	**First Name:**	Francisco	**Gender:**	Male	**Nationality:**	Portuguese
Qualification (degree):	MSc in Environmental Engineering & Executive Master in Management						
Job title:	Project Management & Overall Coordination						
Short description of work experience, relevant to the proposal:	Francisco Gonçalves is PMP® (Project Management Professional) and IPMVP (International Performance Measurement and Verification Protocol) certified and has a strong experience in urban sustainable management - energy efficiency and renewable energy. He has gained strong technical skills in the fields of Smart Cities, energy efficiency, low carbon energy production and urban water cycle management in Lisbon's Energy and Environmental Agency – Lisboa E-Nova; between 2009 and 2017. Francisco Gonçalves has been working for Energy Cities since April 2017. He is coordinating and managing European projects, including project strategic orientation and building trustful relationships with consortia of project partners coming from various European countries. He is currently responsible for the coordination of the recently launched EU City Facility and is also managing replication activities in the Smarter Together (Horizon 2020 Smart Cities and communities) project and mPOWER (Horizon 2020) projects. He speaks Portuguese, English, German and Spanish.						
Role within the project:	Overall project coordination & capacity-building and training programme						

Name :	Cappelletti	**First Name:**	Floriane	**Gender:**	Female	**Nationality:**	French
Qualification (degree):	Bachelor degree in Applied Foreign Languages & Master degree in Management – International Business						
Job title:	Communication Management & Overall Coordination						
Short description of work experience, relevant to the proposal:	Floriane Cappelletti has been working for Energy Cities since 2011 as a communication specialist. She has been involved in several European projects related to supporting public authorities in their energy transition, such as the progRESsHEAT project (H2020) and the Infinite Solutions project (Intelligent Energy Europe). Floriane Cappelletti became Communication Manager for the European Covenant of Mayors Office in 2015, where she is responsible for communication strategy development, communication team coordination, production of communication tools (printed materials, website content management, etc.), community management, event partnerships and media relations. She speaks French, English and Italian.						
Role within the project:	Coordination of Communication & Dissemination						

Name :	Donnerer	**First Name:**	David	**Gender:**	Male	**Nationality:**	Austrian & French
Qualification (degree):	BA in Journalism and Media Management & MA in International Studies						
Job title:	EU Policy & Project Manager						
Short description of work experience, relevant to the proposal:	David Donnerer is EU Policy and Project Manager at Energy Cities since September 2015. His focus areas in EU policy include notably EU funding processes, energy and climate governance, energy efficiency and digital energy technologies. He is CAPM® (Certified Associate in Project Management) certified. Within the Covenant of Mayors, he has organized capacity-building events and advanced the impact of the initiative at EU and national level. He has worked in EU projects related to supporting public authorities in their energy efficiency policies, such as the Energy Efficiency Watch 3 project (Intelligent Energy Europe) or the PUBLEnEF project (H2020). He currently						

	manages the activities related to facilitating a multi-level governance framework in the ongoing National Energy and Climate Plan process in the EU Member States Italy, Spain, Poland, Hungary and Romania through the LIFE PlanUp project. Before joining ENC, David Donnerer worked for 6 years as a journalist for various Austrian and European media outlets. He speaks German, French, English, Spanish and Dutch.
Role within the project:	Supporting overall project coordination & shaping the multi-level governance framework for climate neutrality

List of up to 5 relevant projects or activities

Project/activities	National or local/regional or European	Year of finalisation	Website
TOMORROW	European (Horizon 2020)	2022	www.citiesoftomorrow.eu
LIFE PlanUp	European (LIFE)	2021	www.planup.eu
Covenant of Mayors service contract n°4	European	2020	www.eumayors.eu
PUBLEnEF	European (Horizon 2020)	2019	http://publenef-project.eu/
POCACITO	European (FP7)	2016	https://pocacito.eu/

List of up to 5 relevant publications, and/or products, services (including widely-used datasets or software), or other achievements

Publications, products, services	Year	Website
INTERREG MOLOC project: City pathways to low-carbon models	2020	https://energy-cities.eu/wp-content/uploads/2020/01/publication_MOLOC_EN_web.pdf
Horizon 2020 Hotmaps project: Toolbox to support strategic heating & cooling planning at local level	2019	https://energy-cities.eu/wp-content/uploads/2019/11/brochure-hotmaps-web-2-1.pdf
LIFE PlanUp project: Report on good practices in energy and climate governance	2019	https://energy-cities.eu/wp-content/uploads/2019/09/C7.4_Report-on-good-practices-in-energy-and-climate-governance_ENC.pdf
Cities heading towards 100% renewable energy by controlling their consumption	2016	https://energy-cities.eu/wp-content/uploads/2018/11/publi_100pourcent_final-web_en.pdf
Low-Energy City Policy Handbook (INTERREG IVC project IMAGINE)	2014	http://www.energy-cities.eu/IMG/pdf/handbook_imagine_a.pdf & http://www.energy-cities.eu/IMG/pdf/handbook_imagine_b.pdf

Participant No. 2 – Potsdam Institute for Climate Impact Research (PIK)

Description of the legal entity

The **Potsdam Institute for Climate Impact Research** (PIK), founded in 1992, is a non-profit research institute addressing crucial scientific questions in the fields of global change, climate impacts and sustainable development. Researchers in the natural and social sciences work closely together to examine the earth system‘s capacity for withstanding human interventions and devise options for a sustainable development of humankind and nature; bringing together the concepts of global commons and of planetary boundaries are key in this interdisciplinary endeavour. The co-production of knowledge with representatives of politics, economy and civil society play a pivotal role at PIK in assisting stakeholder to develop robust mitigation and adaptation strategies and to illuminate the implications of potential policy options.

Within PIK's research structure, the working group 'Urban Transformations' (UT) is dedicated to the investigation of sustainability challenges at the urban scale. Among these are the creation of knowledge and tools assisting the reconfiguration of structures and service-provision in cities in order to bring these in line with low-carbon pathways. Because the UT group takes a systematic approach to the investigation of city-scale challenges, the lessons learned are transferrable across urban geographies. This is of importance in the context of the EUCityCalc project, as it will allow to compile the fragmented knowledge regarding mitigation actions that currently characterises cites (observable even across the different planning offices within just one single city). On the modelling side, the UT group has lead the scientific work of the European Calculator, an open-source model that assists decision makers to test their own policies. The model accounts for various topics like lifestyles, mobility, health, land use, and food security for example. This fits perfectly with the needs of the current proposal to the extent that although cities are unique entities, they are embedded into national and European structures (e.g., electricity provision, common markets) that need to be accounted for in the development of local policy scenarios, transition pathways and action plans towards climate neutrality.

In EUCityCalc, PIK will be especially involved as leader of WP2 (Refining the methodology of the European City Calculator), for which it will be able to leverage its aforementioned expertise and experience.

Key personnel to be involved in the proposed project

Name :	Costa	**First Name:**	Luís	**Gender:**	Male	**Nationality:**	Portuguese
Qualification (degree):	PhD						
Job title:	Post-Doc						
Short description of work experience, relevant to the proposal:	Luís Costa has managed over the last 3 years the scientific work of the EUCalc project and respective model, on which the European City Calculator will build upon. He has the full overview of model outputs and capabilities across economic sectors, particular regarding the demand side. This is fundamental in facilitating the communication with cities and in assisting them leveraging the European City Calculator for the purposes of developing their policy scenarios and transition pathways towards climate neutrality. He has been an active participant in stakeholder workshops for the purposes of energy model refinement and stakeholder needs; these skills will be relevant to assist the co-creation process in the pilot cities through expert working groups with key local stakeholders. Finally, his long experience with EU-funded projects will guarantee the timely delivery of project outputs.						
Role within the project:	Coordination refining the methodology of the European City Calculator and supporting the co-creation process in pilot cities						

Name :	Reitemeyer	**First Name:**	Fabian	**Gender:**	Male	**Nationality:**	German
Qualification (degree):	Master						
Job title:	Junior Scientist						
Short description of work experience, relevant to the proposal:	Fabian Reitemeyer is currently leading the modelling and comparison of GHG transport emissions in the case-study cities of the ongoing INTERREG 2050CliMobCity project. The lessons learned and knowledge acquired in terms of data needs from cities and current status of energy modelling at city-scale from 2050CliMobCity will be valuable to transfer to the EUCityCalc proposal. Prior to joining PIK, he worked in the environment and nature department of Charlottenburg-Wilmersdorf, an inner-city district of Berlin.						
Role within the project:	Refining the methodology of the European City Calculator and supporting pilot cities in leveraging the webtool for their transition, overall dissemination of project results						

Name :	Hezel	**First Name:**	Bernd	**Gender:**	Male	**Nationality:**	German
Qualification (degree):	PhD						
Job title:	Post-Doc						

Short description of work experience, relevant to the proposal:	Bernd Hezel was over the last 3 years closely involved in the scientific work of the EUCalc project. He supported the model process and content related discussions, especially in regard how to link the different sectors and to find efficient ways to calculate the results in the European Calculator. Additionally, he presented the model to stakeholders and collected also their feedback during an iterative co-creation process. Bernd Hezel has been working for many years closely with the so-called calculator community and is very experienced in bringing together scientific based knowledge with stakeholders usability needs.
Role within the project:	Refining the methodology of the European City Calculator, supporting pilot cities in leveraging the webtool for their transition and the co-creation process in pilot cities

Name :	Walter	**First Name:**	Christiane	**Gender:**	Female	**Nationality:**	German
Qualification (degree):	Magistra Artium						
Job title:	Coordinator						
Short description of work experience, relevant to the proposal:	Christiane Walter is project and also group coordinator of Urban Transformations working group at PIK's Research Department 2. She was also part of the coordination team that lead the EUCalc project and is therefore familiar with the approach and developed model as well as tools and other communication material. As journalist by training, she is very experienced in stakeholder involvement, targeted communication processes as well as organisation of events and related materials like policy briefs, fact sheets etc.						
Role within the project:	Coordination administrative issues and reporting duties of PIK and supporting project dissemination and communication related tasks						

List of up to 5 relevant projects or activities

Project/activities	National or local/regional or European	Year of finalisation	Website
EUCalc	European (Horizon 2020)	2020	www.european-calculator.eu
2050 CliMobCity	European (INTERREG)	2023	www.interregeurope.eu/2050climobcity
RAMSES	European (FP7)	2017	https://ramses-cities.eu/home/
Global Calculator	Global	2014	http://tool.globalcalculator.org/
KLiB	Local	2019	https://klimaneutral.berlin/

List of up to 5 relevant publications, and/or products, services (including widely-used datasets or software), or other achievements

Publications, products, services	Year	Website
European Calculator model	2020	https://bitbucket.org/account/user/eucalcmodel/projects/EC & http://www.european-calculator.eu/
Master thesis: Reitemeyer, Fabian (2019) Erstellung einer Treibhausgasbilanz für Bezirke und Vergleich mit einer verbraucherbasierten Treibhausgasbilanz mit direkten und indirekten Emissionen.	2019	
Book chapter: Reusswig, Fritz, Lass, Wiebke, Bock, Seraja (2020) Urban low-carbon futures: Results from real-world lab experiment in Berlin. In: Marta Lopes, Carlos	2020	https://doi.org/10.1016/B978-0-12-818567-4.00016-8

Henggeler Antunes and Kathryn B. Janda (eds.): Energy and Behaviour. Towards a Low Carbon Future. Elsevier, pp. 419-450.		
Paper: Ramana Gudipudi, Till Fluschnik, Anselmo García Cantú Ros, Carsten Walther, Jürgen P. Kropp (2016) City density and CO2 efficiency, Energy Policy, Volume 91, p.352-361, ISSN 0301-4215.	2016	https://doi.org/10.1016/j.enpol.2016.01.015
Paper: Steffen Kriewald, Prajal Pradhan, Luis Costa, Anselmo Garcia Cantu Ros, Jürgen Kropp (2019): Hungry Cities: how local food self-sufficiency relates to climate change, diets, and urbanization. Environmental Research Letters	2019	https://doi.org/10.1088/1748-9326/ab2d56

Participant No. 3 – Climact S.A. (Climact)

Description of the legal entity

Climact is an engineering consultancy founded in Belgium whose mission is to support organisations to reduce their energy dependence and climate impact. Since 2007, Climact is building a solid reputation of professionalism, expertise and integrity. Its clients include small & large companies, NGOs, public authorities at all governance levels and local communities. Its services encompass prospective studies such as low carbon & energy roadmaps, GHG reduction strategies, carbon footprints, life cycle assessments and legal support. Climact's key experience and major activity over the past 10 years has been to develop and deploy models on a wide array of geographies and sectors, also assessing embedded emissions and economic impacts.

Climact was the modelling and programming lead for the development of the European Calculator in the EUCalc project. Prior to that, Climact was also leading the transport & manufacturing components of the Global Calculator (www.globalcalculator.org). Climact also has a key role in setting-up low carbon roadmaps in several territories across the world (e.g. Albania, Algeria, Belgium, Bosnia, Croatia, Ireland, Kosovo, North Macedonia, Malaysia, Montenegro, Serbia, Vietnam). Climact is also supporting several federations in equipping their sector with low-carbon roadmaps (such as e.g. steel, Innovative products, furniture, glass, paper, printing & textiles). Furthermore, it has already supported various cities and regions in the development and implementation of their low-carbon roadmaps (in Belgium e.g. Ans, Les Bons Villers, Brussels, Louvain-la-Neuve, Mons, Namur, Pont-à-Selle, Seneffe, Visé, Antwerpen, Wallonia, Flanders).

In EUCityCalc, Climact will be especially involved as leader of WP3 (Supporting the pilot cities in leveraging the European City Calculator for their transition), for which it will be able to leverage its aforementioned expertise and experience in supporting public authorities at all governance levels.

Key personnel to be involved in the proposed project

Name :	Pestiaux	**First Name:**	Julien	**Gender:**	Male	**Nationality:**	Belgian
Qualification (degree):	Master in Civil Engineering – Orientation in Energy Master in Engineering Management (Energy and sustainability)						
Job title:	Director of Prospective analysis						

Short description of work experience, relevant to the proposal:	Julien Pestiaux has been leading the EUCalc work at Climact, and previously also the development of the transport sector for the Global Calculator project. He was further involved as project director for the Belgium Low Carbon roadmap 2050 and project manager for the development of 2050 low-carbon and renewable energy scenarios for the Walloon Region in Belgium. Prior to working at Climact, he worked at the EU Commission as member of the 2050 energy roadmap team at the DG Energy, detached from the European Climate Foundation, and was also project manager at McKinsey with a focus on energy and climate change issues. At McKinsey, he worked on energy projects such as the roadmap 2050: towards a prosperous, zero-carbon Europe and the Pathways to a low-carbon economy: Version 2 of the Global Greenhouse Gas Abatement Cost Curve. Julien Pestiaux is also co-author of the UNEP Bridging the gap report of 2011. He speaks French, English, Spanish and Dutch.
Role within the project:	Supervisor of the Climact team providing strategic guidance

Name :	Cornet	**First Name:**	Michel	**Gender:**	Male	**Nationality:**	Belgian
Qualification (degree):	Master in Civil Engineering – Orientation : Computer science						
Job title:	Energy & Climate Change Consultant and Business Partner						
Short description of work experience, relevant to the proposal:	Michel Cornet leads Climact's work on the industry and materials sector for various roadmaps, and also supported the work for the EUCalc and Global Calculator projects. He was also project manager for the Low Carbon 2050 roadmaps of Albania, Bosnia, Croatia, Kosovo, North Macedonia, Montenegro and Serbia. He also performed key components of the Belgium, Brussels, Ireland, Flanders & Wallonia 2050 roadmap. Michel Cornet is also managing several sector roadmaps (steel, innovative products, glass, paper, printing & textiles). Prior to working at Climact, he was consultant as A.T. Kearney with a focus on private equity and complexity management, and also worked in microfinance both on the field and within the special microfinance unit of the UNDP. Michel speaks French, English, Spanish and Dutch.						
Role within the project:	Supervisor providing strategic guidance						

Name :	Matton	**First Name:**	Vincent	**Gender:**	Male	**Nationality :**	Belgian
Qualification (degree):	Master degree in Applied Mathematics						
Job title:	Energy & Climate Change Consultant						
Short description of work experience, relevant to the proposal:	Vincent Matton is specialised in modelling and has worked both on a national and European level to build CO2 emissions calculators. He was furthermore one of the central programmers for the European Calculator in the EUCalc project. His expertise covers in particular data analytics and energy modelling. Prior to working at Climact, he worked at Image Matters as a Product Manager.						
Role within, the project:	Programming architect, coordinating the support provided to pilot cities in leveraging the European City Calculator for their transition and supporting the refinement of the methodology of the webtool						

Name :	Martin	**First Name:**	Benoît	**Gender:**	Male	**Nationality:**	Belgian
Qualification (degree):	Master in electromechanical engineering - orientation energy PhD in Electrical Engineering						
Job title:	Energy & Climate Change Consultant						

Short description of work experience, relevant to the proposal:	Benoît Martin works within Climact in mainly contributing to various low carbon models, low-carbon scenarios and quantitative assessment of climate policies in the European context, such as in the framework of EU-funded projects like LIFE PlanUp. As concerns the European Calculator in the EUCalc project, he was involved in the development of the transport module. His expertise covers in particular programming, power systems and transport. Prior to working at Climact, he worked for a year for Boydens Engineering (HVAC). Benoît Martin is a native French speaker, and also speaks English and Dutch.
Role within the project:	Transport lead, support provided to pilot cities in leveraging the European City Calculator for their transition and supporting the refinement of the methodology of the webtool, overall dissemination of project results.

Name :	Jonas	**First Name:**	Maïté	**Gender:**	Female	**Nationality:**	Belgian
Qualification (degree):	Master of Science in Bio-engineering – Agronomy Major in Water and Soil Resources						
Job title:	Energy & Climate Change Consultant						
Short description of work experience, relevant to the proposal:	Maite Jonas is a consultant at Climact and is mainly specialised in data management and modelling. Prior to joining Climact, she had worked on hospital data management (from reception of data to web site creation to deliver results), and also on creating an automated method to detect changes under forest based on remote imagery.						
Role within the project:	Programming and air quality lead, support to pilot cities in leveraging the European City Calculator for their transition and supporting refinement of the methodology of the webtool						

List of up to 5 relevant projects or activities

Project/activities	National or local/ regional or European	Year of finalisation	Website
Structuration and steering of a local energy renovation for Ottignies-Louvain-la-Neuve. Facilitation of the local market for energy renovation, optimisation of the customer journey, communication and sensibilisation campaign, mobilisation of stakeholders	Local	Since 2019 (ongoing)	(WIP version) https://renovation-energetique-olln.webnode.be/
Contribution to development and improvement of Excel tool that is provided by AWAC to cities in Wallonia to support them in the realisation of their climate plan	Regional	2020	http://www.awac.be/index.php/thematiques/politiques-actions/agir/calculer-ses-emissions
EUCalc project supporting the development of the European Calculator. Coordination of programming in KNIME and developing the conversion to the Python code.	European (Horizon 2020)	2020	www.european-calculator.com
2050 Low Carbon Scenarios for the Brussels region. Development of a calculator and analysis of low carbon pathways. Assessment of imported emissions.	Regional	2016	https://document.environnement.brussels/opac_css/elecfile/2017-02-03_-_Rapport_v17-final.pdf

2015 South East Europe sustainable Energy Policy: Developed by SEEChangeNet (an NGO network), performed policy recommendation based on Low Carbon 2050 roadmaps for Albania, Bosnia, Croatia, Kosovo, North Macedonia, Montenegro & Serbia. Provided weekly coaching to the teams.	European	2015	seechangenetwork.org/see-2050-carbon-calculator/ simpler tool developed for schools/ students: http://seechangenetwork.org/see-2050-energy-model/

List of up to 5 relevant publications, and/or products, services (including widely-used datasets or software), or other achievements

Publications, products, services	**Year**	**Website**
Case study: The transition of Belgium towards a low carbon society: A macroeconomic analysis fed by a participative approach, Energy Strategy Reviews (2020) 29 by Berger L, Bréchet T, Pestiaux J, et al.	2020	https://www.sciencedirect.com/science/article/pii/S2211467X20300171 based on the full study https://climat.be/doc/macro-low-carbon-report.pdf
Climact, Net zero by 2050: from whether to how	2019	https://europeanclimate.org/content/uploads/2019/12/09-19-net-zero-by-2050-from-whether-to-how-executive-summary.pdf
Prosperous living for the world in 2050: insights from the Global Calculator by UK Department of Energy and Climate Change, Climate-KIC, the International Energy Agency, Climate Media Factory, Climact, Ernst & Young India, the World Resources Institute, The Chinese Energy and Resource Institute, Imperial College, the London School of Economics, NERC Science of the Environment, the National Oceanographic Center, the Potsdam Insitute for Climate Impact Research, Walker Institute at the University of Reading	2015	http://tool.globalcalculator.org/ https://www.gov.uk/government/publications/the-global-calculator
Etude de prospective : Transition énergétique (2015), for l'Institut Wallon de l'évaluation, de la prospective et de la statistique by Boulanger PM, Bréchet T, Henry A, Marenne Y, Pichault F, Vanderstraeten P, Meessen J et Vermeulen P	2015	https://www.iweps.be/publication/transition-energetique-etude-prospective/
Scenarios for a Low Carbon Belgium by 2050, for the Climate Change Section of the Federal Public Service Health, Food Chain Safety and Environment by Cornet M, Duerinck J, Laes E, Lodewijks P, Meynaerts E, Pestiaux J, Renders N, Vermeulen P	2013 and 2019	https://climat.be/2050-en/scenario-analysis https://climat.be/doc/low-carbon-scenarios-for-be-2050-final-report.pdf

Participant No. 4 – Carbon Market Watch (CMW)

Description of the legal entity

Carbon Market Watch has 11 years' experience in assessing and informing EU and international climate policy developments with the unique combination of technical policy expertise and bottom-up pressure through its NGO members and strategic partnerships. CMW promotes environmental integrity and human rights and empowers communities to participate in decision making processes related to climate policies.

CMW has also been closely involved in the legislative implementation of the EU 2030 climate and energy framework (including the EU Emission Trading System, Effort Sharing Regulation, Regulation on greenhouse

gas emissions and removals from land use, land use change and forestry) through the organisation of policy events, the commissioning of reports and the drafting of policy briefings. More recently, CMW is working to advocate for an EU-wide zero-carbon industrial strategy to bring energy-intensive industries in line with the Paris Agreement climate goals, including proposals for new regulatory and financial instruments.

CMW is currently coordinating the LIFE PlanUP project, which tracks the development of National Energy & Climate Plans in five EU Member States: Spain, Italy, Poland, Romania and Hungary. To support rapid decarbonisation in Europe, the project promotes good practices in the transport, agriculture and building sector and fosters dialogue on low-carbon policymaking between local, regional and national authorities, civil society organizations and academia.

Evidence-based advocacy is central to CMW's work. CMW in-depth policy expertise is coupled with strong communication and dissemination skills and close work with community groups and NGOs in over 60 countries across the world operating in English, French, and Spanish. CMW has established strong partnerships inter alia through regional capacity-building workshops in South and East Europe as well as most major regions across the globe, including China, India, West Africa, South and Central America. CMW is furthermore an accredited member of the United Nations Framework Convention on Climate Change (UNFCCC), the Green Climate Fund (GCF) and the Intergovernmental Panel on Climate Change (IPCC).

In EUCityCalc, CMW will be especially involved as leader of WP6 (Shaping the multi-level governance framework for climate neutrality), for which it will be able to leverage its aforementioned experience. Furthermore, CMW will strongly support ENC in WP7 with its communication campaigning expertise.

Key personnel to be involved in the proposed project

Name :	Van den Plas	**First Name:**	Sam	**Gender:**	Male	**Nationality:**	Belgian
Qualification (degree):	Master Degree						
Job title:	Policy Director						
Short description of work experience, relevant to the proposal:	Sam Van den Plas is in charge of CMWs European and International policy strategy, positioning and advocacy outreach. Sam worked previously with WWF, where he focused on advocacy work towards the European institutions and linking the organisations network in Europe to the EU legislative and policy-making cycles on climate and energy issues. His main areas of expertise include EU and international climate policy, carbon markets, the EU Emissions Trading System and industrial decarbonisation.						
Role within the project:	Coordination shaping the multi-level governance framework for climate neutrality and support on scope 1-3 emissions in WP3						

Name :	Amaral	**First Name:**	Kaisa	**Gender:**	Female	**Nationality:**	Finnish
Qualification (degree):	Master Degree						
Job title:	Communication Director						
Short description of work experience, relevant to the proposal:	At CMW, Kaisa Amaral is in charge of developing and implementing communication strategies and managing media relations. She has 10 years of work experience in the field of media and communications. Prior to working at CMW, she has worked at the European Commission's citizens' information service and in the press team of the Permanent Representation of Finland to the EU.						
Role within the project:	Communication and dissemination						

Name :	Vicente Marcos	**First Name:**	Miriam	**Gender:**	Female	**Nationality:**	Spanish
Qualification (degree):	Master Degree in Marketing, Branding and Communications Major in audiovisual communication						
Job title:	Communication and Outreach Officer						

Short description of work experience, relevant to the proposal:	At CMW, Miriam Vicente Marcos works on the development and implementation of communication strategies and its digital media content. She has experience as a video creator, photographer, graphic designer and social media marketer, notably in the framework of EU-funded projects such as LIFE PlanUp.
Role within the project:	Communication and dissemination

Name :	Martellucci	**First Name :**	Elisa	**Gender :**	Female	**Nationality:**	Italian
Qualification (degree):	Master Degree in Political Science						
Job title:	Project Manager						
Short description of work experience, relevant to the proposal:	At CMW, Elisa Martellucci is in charge of managing EU-funded projects. She is currently project coordinator of the LIFE PlanUp project. Before joining CMW team, worked at the Centre for European Policy Studies (CEPS) where she has been extensively involved in several EU funded research projects on employment and education.						
Role within the project:	Shaping the multi-level governance framework for climate neutrality						

List of up to 5 relevant projects or activities

Project/activities	National or local/regional or European	Year of finalisation	Website
LIFE PlanUp: A multi-stakeholder platform for inclusive and ambitious 2030 climate plans	EU (LIFE programme)	2021	https://www.planup.eu/en/countries
Delivering the EU 2030 and long term climate objectives in Central, Eastern and Southern Europe, with a specific focus on transport	EU (EUKI programme)	2018	https://carbonmarketwatch.org/publications/national-energy-and-climate-plans-and-the-transition-to-carbon-free-societies-a-civil-society-guide/
LIFE Operating grant	EU	2020	https://carbonmarketwatch.org/

List of up to 5 relevant publications, and/or products, services (including widely-used datasets or software), or other achievements

Publications, products, services	Year	Website
Last chance: how to strengthen the final national energy and climate plans	2019	https://www.planup.eu/en/resources
Fit to lead? An assessment of selected 5 draft national energy and climate plans	2019	https://www.planup.eu/en/resources

Fit to succeed? An assessment of the national draft energy and climate plans	2019	https://www.planup.eu/en/resources
National Energy and Climate Plans and the transition to carbon-free societies – A civil society guide	2018	https://carbonmarketwatch.org/publications/national-energy-and-climate-plans-and-the-transition-to-carbon-free-societies-a-civil-society-guide/
Understanding the Climate Action Regulation	2018	https://carbonmarketwatch.org/publications/understanding-the-climate-action-regulation/

Participant No. 5 – Riga Energy Agency (REA)

Description of the legal entity

Riga Energy Agency (REA), established by the Riga City Council, is the first local energy agency in Latvia. On behalf of the City of Riga, REA engages in long term partnerships signing agreements with professional associations, universities, research centres and NGOs to share the knowledge and disseminate the results of implemented projects and innovative actions. REA represents the city and takes an active part in European networks such as Energy Cities, the Local Governments for Sustainability (ICLEI), the European Association for Hydrogen and fuel cells and Electro-mobility in European Regions (HyER), ManagEnergy, the Union of the Baltic Cities (UBC), EUROCITIES, WHO Healthy Cities Network and others.

Riga was one of the first European capitals to sign the Covenant of Mayors initiative in 2008. Through cooperating with other cities in the implementation of a number of energy efficiency projects, Riga has been able to introduce new innovative technologies that add to citizen's comfort and make their lives more environment-friendly. Riga has also strong commitments to bringing its city closer to a smart city status.

In the past ten years, Riga has become an active player in addressing EU policies and targets to go beyond the national ambition on energy issues. REA has been engaging various stakeholders in this regard, including businesses, universities, NGOs and energy suppliers, in order to learn and share the expertise in Latvia, but also with neighbouring countries, especially Eastern partnership countries.

REA is a key player in promoting renewable energy sources and rational use of energy in Riga as well as nationwide, and also in enhancing the shift to sustainable transport modes and solutions. It is also consulting and advising local decision makers and inhabitants on energy efficiency issues, thereby ensuring public awareness and public involvement within its core activities. REA was a coordinating institution to develop Riga's Smart City SEAP for 2020 and is also responsible for monitoring its implementation. It is also in charge of developing Riga's SECAP for 2030 and other energy planning frameworks. REA's advisory Board consists of Latvia's most outstanding researchers for energy, engineering, economics and law.

Based on developed long-term development strategies and short-term action plans, REA has successfully implemented within the last 5 years more than a dozen international projects, including infrastructure co-creation and IT solutions, managing both local teams and international consortia. REA has also managed the implementation of a large-scale municipal financing programme for multi-apartment building renovation in more than 130 households in Riga, including running media campaigns in this regard. REA has established partnerships between Riga and more than 36 cities in the EU, Japan, China, India and CIS countries, including Kazakhstan, Belarus, Ukraine, Kirgistan, Russia and others.

In EUCityCalc, REA will be involved in all WPs, in particular in WP4 (delivering transition pathways and policy scenarios in the pilot cities), where it will run the co-creation engagement process of its expert working group involving key local stakeholders, and also in WP3 (support pilot cities in leveraging the European City Calculator for their transition). REA will also run the training programme on the European City Calculator webtool in Latvia in the framework of WP5 (Capacity-building and training programme).

Key personnel to be involved in the proposed project

Name :	Riekstina	**First Name:**	Evita	**Gender:**	Female	**Nationality:**	Latvia
Qualification (degree):	MSc in International Law and BSc in Law (both from Turība University)						
Job title:	Acting Director						

Short description of work experience, relevant to the proposal:	Evita Riekstina has more than 10 years' experience in international project management and is also a senior procurement expert. Within REA, she has led local programme coordination within the urban development field, including on energy efficiency, renewable energy sources, sustainability and smart climate actions, with a special focus on public procurements. She has also profound experience in strategy and action plan development, as well as administrative and legal issue management.
Role within the project:	Overall coordination, with special focus on leveraging the webtool for Riga's transition, shaping the multi-level governance framework and dissemination and communication

Name :	Kalnina	**First Name:**	Ieva	**Gender:**	Female	**Nationality:**	Latvia
Qualification (degree):	MSc in Project Management (Riga International School of Economics and Business Administration) and BSc in Financial Sector Management (University of Latvia)						
Job title:	International project manager						
Short description of work experience, relevant to the proposal:	Ieva Kalnina is a senior expert in strategic planning and project management. She has profound competence in management of EU funded projects related to energy and climate issues, and is also experienced in the development of integration action plans, such as e.g. for the introduction of circular economy in the building sector (renewable energy resources as part of the circular economy process) and the municipal strategic planning process in the field of sustainable housing (development of the Riga City Development Program 2021-2027).						
Role within the project:	Leveraging the webtool for Riga's transition, delivering transition pathways and policy scenarios in Riga and capacity-building and training programme						

Name :	Latisevs	**First Name:**	Jevgenijs	**Gender:**	Male	**Nationality:**	Latvia
Qualification (degree):	MSc in Finance and Investments (Nottingham University) and BSc in Finance (University of Essex)						
Job title:	International project manager						
Short description of work experience, relevant to the proposal:	Jevgenijs Latisevs has over 5 years of experience in managing international projects within the Horizon 2020 programme, with a specific focus on research and business model development, including qualitative and quantitative research, as well as empirical testing of concepts. He has been also extensively involved in cooperation and communication with international organizations on urban development. Furthermore, he has profound experience in full-cycle digital service development and fintech implementation.						
Role within the project:	Leveraging the webtool for Riga's transition, delivering transition pathways and policy scenarios in Riga and capacity-building and training programme						

List of up to 5 relevant projects or activities

Project/activities	**National or local/regional or European**	**Year of finalisation**	**Website**
ATELIER	European (Horizon 2020)	2024	https://smartcity-atelier.eu/
INNOVATE	European (Horizon 2020)	2020	http://www.financingbuildingrenovation.eu/
SMR	European (Horizon 2020)	2019	https://smr-project.eu/
GreenSAM	European (INTERREG)	2021	http://greensam.eu/
Municipal co-financing programme for multi-apartment building renovation	Local	ongoing	www.renove.lv

List of up to 5 relevant publications, and/or products, services (including widely-used datasets or software), or other achievements

Publications, products, services	**Year**	**Website**
Carbon Disclosure Project (CDP) rated Riga with highest "A" rating in the "leadership" category for	2019	https://www.cdp.net/en

demonstrated best practice standards in the field of climate adaptation and mitigation, as well as significant progress in achieving set urban development goals.		
Utility-e-vehicles for municipal hospital	2019	https://www.1slimnica.lv/lv/par-mums/aktualitates/jaunums/elektroskuteri-pacientu-parvietosanai
Euro-China Green and Smart City Award 2018 in category "Innovations" for the development of innovative FinTech applications	2018	http://www.prospective-innovation.org/
Database on energy consumption in multi-apartment buildings in Riga (6000 buildings)	2017	http://www.rea.riga.lv/energoefektivitate/datu-baze-dzivojamam-majam-riga
Sustainable Energy Action Plan for Riga Smart City 2020	2014	https://www.covenantofmayors.eu/about/covenant-community/signatories/action-plan.html?scity_id=11849

Participant No. 6 – Municipality of Mantova (MUM)

Description of the legal entity

The Municipality of Mantova is the local government authority of the city of Mantova (ca. 50,000 inhabitants) and it's the main city for the province of Mantova (ca. 400,000 inhabitants). Together with the neighboring municipalities of the "Greater Mantova" area, it slightly surpasses 100,000 inhabitants. The municipality's main tasks are manifold: from urban planning and maintenance, to social service, primary education, culture, arts and museums, local policing, etc. It employs around 400 people in three different buildings around town, with the headquarter in the city centre. MUM has achieved the prestigious title of Italian Capital of Culture 2016 and European Region of Gastronomy 2017. In addition, MUM is part of the UNESCO World Heritage List since 2008, which on the other hand imposes several strict limitations on energy efficiency actions and tools which the Municipality is aiming to address in an innovative and flexible manner. Mantova is also located in the heart of the Po Valley, an area known for critical air pollution levels.

MUM is deeply involved in multidisciplinary and shared urban regeneration, green policies for a sustainable urban development for the improvement of the quality of life, as well as in projects aiming at reducing air pollution due to urban traffic. The Municipality is provided with the EMAS Registration (the EU Ecomanagement and audit scheme) since 2008 and also the ISO 14001 environmental management system certification since 2004 for all of the municipal organisation's sectors. MUM has also been involved in:

- The Covenant of Mayors signed by the city of Mantova, with the development and monitoring of its SEAP and the development of its new SECAP;
- The Joint SEAP promoted by Mantova, in which 7 surrounding municipalities participate. The Joint SEAP represents a first step for a supra-communal approach in dealing with shared sustainable environment policies at the local level;
- Mantova Resilient - Guidelines for Climate Change Adaptation strategy;
- C-Change – MUM is part of the URBACT project network aiming at supporting cities in mobilising their arts and culture sectors to contribute towards local climate change action;
- EUR 1.5 million investment in tree planting as a climate resilience and air quality measure;
- Mantova Challenge" launched by the City together with FAO, with the goal of creating an international network of green cities to take part in the FAO initiative "Tree cities of the world"
- Sustainable Urban Mobility Plan (SUMP), approved in November 2019, promotes sustainable and efficient mobility with the goals of protecting the historical, cultural and environmental heritage , as well as improving citizens' quality of life.

In EUCityCalc, MUM will be involved in all WPs, in particular in WP4 (delivering transition pathways and policy scenarios in the pilot cities), where it will run the co-creation engagement process of its expert working group involving key local stakeholders, and also in WP3 (support pilot cities in leveraging the European City Calculator for their transition). MUM will also run the training programme on the European City Calculator webtool in Italy in the framework of WP5 (Capacity-building and training programme).

Key personnel to be involved in the proposed project

Name :	Moraschi	**First Name:**	Giulia	**Gender:**	Female	**Nationality:**	Italian
Qualification (degree):	Architecture Degree						
Job title:	Head of the Environment, territory policies						
Short description of work experience, relevant to the proposal:	Giulia Moraschi is energy manager within MUM. She is also single responsible of the procedure with the role of technical, economical and administrative feasibility, as well as environmental, urban and territorial compliance supervisor. She manages the relation with Institutions at national, regional and local level (e.g. with the region of Lombardia in which MUM is situated in, ISS, ISPRA, ARPA, ATS Valpadana, Ente Parco Mincio, AIPO, etc) to obtain the needed opinions and authorizations for design activities. Giulia Moraschi is furthermore the competent authority for MUM's environmental evaluation procedures.						
Role within the project:	Overall coordination, with special focus on shaping the multi-level governance framework for climate neutrality and capacity building and training programme						

Name :	Marchioro	**First Name:**	Roberta	**Gender:**	Female	**Nationality:**	Italian
Qualification (degree):	Environmental Sciences Degree Planning and Policy for city landscape and environment degree						
Job title:	Executive instructor technical activities and Manager Environmental Sector						
Short description of work experience, relevant to the proposal:	Roberta Marchioro is in charge of environmental evaluations (VIA and VAS) and projects related to sustainable development and territorial resilience promotion within MUM. She is further responsible for policies and projects related to the reduction of CO2 emissions: SEAP, Joint SEAP and SECAP, and also issues related to resilience as e.g. the "Guidelines for climate adaptation" and the goal for Mantova to become a plastic free territory. Roberta Marchioro is also involved in EU-funded projects as e.g. the Horizon2020 "Urban GreenUP". She is member of the "Tree Board" in the context of the "Mantova challenge" launched after the first World Forum for Urban Forests.						
Role within the project:	Leveraging the European City Calculator for Mantova's transition, including management of data (in particular the ones from MUM's SECAP system), delivering transition pathways and policy scenarios in Mantova, and also communication and dissemination						

Name :	Parisi	**First Name:**	Elisa	**Gender:**	Female	**Nationality:**	Italian
Qualification (degree):	Degree in Environmental Science Master degree in Environmental, quality and safety integrated system						
Job title:	Executive instructor technical activities						
Short description of work experience, relevant to the proposal:	Elisa Parisi has been in charge for the past 10 years of the Municipality Environmental management system/EMAS environmental area in MUM, where she especially conducts data collection and elaboration and environmental reporting. She also works on Mantova's SEAP and SECAP, and further took part in the development of the "Guidelines for climate adaptation". Elisa Parisi has been involved in several EU-funded projects as e.g. LIFE IDEMS, "ERO Regio, Horizon2020 Urban Green UP and URBACT C-Change.						
Role within the project:	Leveraging the European City Calculator for Mantova's transition, including management of data (in particular the ones from the EMAS system), delivering transition pathways and policy scenarios in Mantova, and also capacity-building and training programme						

List of up to 5 relevant projects or activities

Project/activities	**National or local/regional or European**	**Year of finalisation**	**Website**
SECAP	European	2020	http://www.comune.mantova.gov.it/index.php/territorio/mantova-sostenibile-alias/mantova-sostenibile-home
INNOVATE	European (Horizon 2020)	2020	http://www.financingbuildingrenovation.eu/

URBAN GREENUP	European (Horizon 2020)	2022	https://www.urbangreenup.eu/
BHENEFIT	European (INTERREG)	2020	https://www.interreg-central.eu/Content.Node/BhENEFIT.html
"CreiamoPA"- Project Promotion of environmental and energetic management models in Public Administration, promoted by the Ministry of Environment	National	2023	https://creiamopa.minambiente.it/

List of up to 5 relevant publications, and/or products, services (including widely-used datasets or software), or other achievements

Publications, products, services	Year	Website
"MANTOVA SI RIGENERA"	2019	https://mantovasirigenera.giscloud.com/

Participant No. 7 – Dijon Métropole (DM)

Description of the legal entity

Dijon Métropole is a public institution of intercommunal cooperation bringing together 23 municipalities including the city of Dijon, regional capital of the Burgundy-Franche-Comté region. With more than 250,000 inhabitants, the community acquired the status of metropolitan area in April 2017. Dijon Métropole is one of 22 French metropolitan areas. Dijon Métropole implements its public policies under the authority of a Metropolitan Concil, a deliberative assembly bringing together 79 elected representatives representing the municipal concils of each of the 23 municipalities. Its main competences are economic, social and cultural development, land-use planning, housing and urban renewal policy, management of services of collective interest (water, sanitation, waste, public transport, etc.) and ecology policy (energy, GHG emissions, air quality, noise, etc.). Dijon Métropole places at the core of its economic strategy its major sectors of excellence: agri-food, health and digital with internationally renowned companies (e.g. Tetra Pak, Unilever). It is also working to develop its advanced competitiveness poles in these areas, to provide favourable conditions for the emergence of experimentations and innovations on its territory.

Since more than 10 years, Dijon Métropole has been implementing energy and climate policies. Since 2010, it has assisted low-income landlords to renovate their house, financing relevant studies and a part of the renovation itself, and also assisting public housing companies to renovate and/or build new positive energy buildings. Between 2010 and 2016, Dijon Métropole has also increased by 164% its production of renewable energies, notably thanks to the development of its heating and cooling network. The heating and cooling network is powered by 70% renewable energy (biomass and waste incineration). As part of its mobility policy, Dijon Métropole has managed to reduce its energy consumption and has begun the energy transition of its municipal fleet (purchase of tramway in 2012, 102 hybrid buses in 2013, 5 electric shuttle buses in 2017, etc.) It has also aimed to become a national experimental territory for the hydrogen sector. Furthermore, it will create a production site from recovered electricity from waste treatment and with several distribution stations to supply garbage trucks and buses.

Dijon Métropole has also developed OnDijon, its ambitious smart and connected metropolitan area project (Smart Cities). OnDijon will make it possible to collect data from public services and share them with the world of digital economy, thus providing real opportunities to develop new activities and innovations around the analysis and processing of this data. Dijon Métropole participates in the development of a unique local digital ecosystem and encourages businesses to create the services of tomorrow. The digital ecosystem is made

up of innovative companies, start-up, accelerators, different clusters and activity poles (e.g. Smart Building cluster specialised in 3D imaging for the management of buildings, the robotics pole of excellence, Fablabs).

In EUCityCalc, DM will be involved in all WPs, in particular in WP4 (delivering transition pathways and policy scenarios in the pilot cities), where it will run the co-creation engagement process of its expert working group involving key local stakeholders, and also in WP3 (support pilot cities in leveraging the European City Calculator for their transition). DM will also be involved in the training programme on the European City Calculator webtool in France, run by ENC, in the frame of WP5 (Capacity-building and training programme).

Key personnel to be involved in the proposed project

Name :	Codet-Hache	**First Name:**	Oanez	**Gender:**	Female	**Nationality:**	French
Qualification (degree):	Master in Geography at the Ecole Normale Superieure of Lyon						
Job title:	Head of Urban Ecology Department						
Short description of work experience, relevant to the proposal:	Since 2009, Oanez Codet-Hache has been working as Head of the Urban Ecology Department for the city of Dijon and Dijon Métropole. She is in charge of energy climate change (mitigation) and air quality projects, and has been responsible for coordinating the drafting of Dijon's SEAP and also its SECAP. She is also in charge of Dijon's involvement in the European Energy Award initiative (its equivalent in France being Cit'ergie), as well as the metropolitan areas' Smart City projects. In this regard, Oanez Codet-Hache is responsible for the delivery of the Horizon 2020 Smart City project RESPONSE in Dijon Métropole.						
Role within the project:	Overall coordination and implementation of Dijon-Métropole's involvement in EUCityCalc, also to leverage synergies with its Smart City project RESPONSE						

List of up to 5 relevant projects or activities

Project/activities	**National or local/regional or European**	**Year of finalisation**	**Website**
RESPONSE	European (Horizon 2020 Smart City Project)	2025	https://www.metropole-dijon.fr/Actualites/Programme-europeen-H2020
Heating Network	Local	2021	https://www.metropole-dijon.fr/Services-et-missions/Environnement-et-qualite-de-vie/Reseaux-de-chaleur
RenovEco platform	Local	2022	https://www.metropole-dijon.fr/Services-et-missions/Renoveco-Dijon-metropole
Hydrogen production	Local	2021	https://www.metropole-dijon.fr/Actualites/Production-d-hydrogene

List of up to 5 relevant publications, and/or products, services (including widely-used datasets or software), or other achievements

Publications, products, services	**Year**	**Website**
SECAP	2020	http://mycovenant.eumayors.eu/
Cit'ergie (European Energy Award)	2019	https://tool.european-energy-award.org
Energy – GHG emissions – Air Quality datasets	2020	http://opteer.org/
Jeparticipe.dijon.fr: discussion and empowerment website with inhabitants	2018	https://www.dijon.fr/Je-participe
Air quality web application in real time for view at street by street level	2019	https://www.airtogo.fr/web

Participant No. 8 – Energy and Environment Agency of Arrábida (ENA)

Description of the legal entity

ENA is an energy and environment agency, non-profit association, which began operating in June 2006. Its location in the Setúbal Peninsula, integrated in the Lisbon Metropolitan Area, leads to very important challenges in the scope of economical, socio-demographic and territorial structuring mechanisms, taking into account the work developed in a region that brings together heavy and cutting-edge technology industry, forest, agriculture and handicraft activities, tourism infrastructures and large natural areas.

Through technical activities, research and cooperation projects, awareness raising campaigns, information and training, ENA provides expertise and advice to municipalities, public and private entities, associations, industry, research organisations, universities, schools and citizens. ENA participates actively in RNAE, the Portuguese Network of Energy Agencies, and has been involved in the elaboration and debate of international and national policies and strategies on environment and energy, as well as specific network projects. Since 2006, ENA has been working in several European, national and local projects, establishing partnerships and developing specific activities that helped to acquire useful experience for EUCityCalc:

- Energy and environment awareness raising and behaviour change campaigns targeting public authorities, private entities, associations (consumers) and citizens in the scope of specific projects (e.g. Conhecer & Agir, BundleUp, Esmartcity and EnerNetMob);
- In the scope of the Covenant of Mayors processes, fostering involvement of public authorities, companies, citizens and NGOs in the SEAP/SECAP elaboration, implementation and monitoring in ENA's municipalities Palmela, Sesimbra and Setúbal;
- Implementation of Energy management processes in public and private entities (e.g. Smart Offices: Energy Off Platform: http://energyoff.pt/site/index, Por um Turismo Sustentável);
- Development and implementation of technical training programmes (for e.g. teachers, students, decision makers, private and public technical staff) on environment, renewables and energy efficiency (e.g. Energy Game II, Young Energy Leaders, Municipal Energy Managers, School Energy Tutors, ISO 50 001);
- Energy auditing (ISO 50 002) and energy certification of buildings (public and private entities);
- Measurement and verification of Energy Performance of Organisations (ISO 50 015);
- Development and implementation of Municipal Energy Observatories, since 2009;
- Development, together with ENA's 3 municipalities, of the Arrábida Energy Strategy;
- Development, together with NGOs and associations representing civil society, of awareness raising tools and materials and technical projects solutions for rural communities to become energy independent and efficient (e.g. Interreg MED COMPOSE).

ENA has also been participating in the implementation of renewables and energy performance contracts at local administration level. In the scope of this work, ENA is collaborating with several national and European entities, namely funding entities and EIB, lawyers' cabinets and policy makers, resulting in jurisprudence standards for Portugal in the subjects of Energy efficiency and renewable energy sources.

In EUCityCalc, ENA will be involved in all WPs and further lead WP4 (delivering transition pathways and policy scenarios in the pilot cities), where it will also support ENA's 3 municipalities and project pilot cities Palmela, Sesimbra and Setúbal in running the co-creation engagement process of their expert working groups with key local stakeholders. Furthermore, in the framework of WP3 (support pilot cities in leveraging the European City Calculator for their transition), WP6 (Shaping the multi-level governance framework for climate neutrality) and WP7 (communication & dissemination), ENA will involve and support its 3 municipalities in the project activities in these WPs. ENA also will run the training programme on the European City Calculator webtool in Portugal in WP5 (Capacity-building and training programme).

Key personnel to be involved in the proposed project

Name :	Daniel	**First Name:**	Cristina	**Gender:**	Female	**Nationality:**	Portuguese
Qualification (degree):	Post-Graduation in Renewable Energy Sources Management (Universidade Católica) Graduation in Forest Engineering (Universidade de Trás-os-Montes e Alto Douro)						
Job title:	Executive Manager						

Short description of work experience, relevant to the proposal:	Cristina Daniel is responsible for the creation, development and management of ENA, where she works as CEO and managing director since 2006. She has also worked as energy and environment senior expert/advisor in the Portuguese municipalities of Palmela and Loures (2008-2015). She holds and ISQ and AML certification in energy efficiency skills and is also specialised in renewable energy sources (main skills in residual biomass) and natural resources' sustainable management. She has more than two decades' experience in drafting and implementing development and cooperation projects in the scope of national and European funding programmes, as e.g. PROFLOREN (Altener/96-98), RURAQUA21 and GEO-LINK (Interreg IIIB Sudoe/03-05), PROMOTION 3E (IEE/08-11), PERIPHERIA (CIP-Pilot actions/11-13), Maletas da Sustentabildiade e da Água (Fundo Ambiental 17-18). With competencies in communication and dissemination strategies and sustainability reporting (GRI4), she is also member of the Technical Commission (TC) 184, assessing the works developed by ISO/TC 268 in the scope of the translation and publication of ISO/DIS 37101, ISO 37120, ISO/DTR 37121 and ISO/DIS 37102, participating in local development organisations and initiatives (e.g. ADREPES, Palmela Mobility Council).
Role within the project:	Overall coordination, with special focus on communication and dissemination, delivering transition pathways and policy scenarios in the 3 Portuguese pilot cities supported by ENA, and supporting them in shaping the multi-level governance framework for climate neutrality

Name :	Paraíba	**First Name:**	Orlando	**Gender:**	Male	**Nationality:**	Portuguese
Qualification (degree):	Post-graduation in Energy Production and Conservation Systems Graduation in Electromechanical Engineering (both from the Universidade da Beira Interior)						
Job title:	Technical Manager						
Short description of work experience, relevant to the proposal:	Orlando Paraíba has been ENA's technical manager since 2008, with expertise in developing awareness raising projects/campaigns, studies, training programs in the scope of renewable energy sources and energy efficiency, energy auditing, sustainable development (adaptation and mitigation actions) and the Energy Performance of Buildings Directive. He has been working in energy efficiency auditing since 1999 and is qualified by DGEG for energy audit and planning for big energy consumers (industries and transports). He also has deep knowledge in renewables, particularly on wind, having worked in the past on the installation of wind farms. Orlando Paraíba has more than a decade of experience in working with national and EU-funded projects, such as e.g. deSOLaSOL, IEE/06-08, Yaeci, IEE/12-15, Atlas da Energia and Tutores da Energia. He is the active contact of ENA in the board of RNAE and advisor on new national plans/laws related with energy efficiency and renewables. He also participates in local organisations and initiatives related with sustainable development (IN2SET), and is trainer for IPQ – Portuguese Institute of Quality on ISO 50 001 – Energy Management Systems, ISO 50 002 – Energy Audits and ISO 50 015 – Measurement and Verification of Energy Performance of Organizations.						
Role within the project:	Supporting the 3 Portuguese pilot cities in leveraging the European City Calculator for their transition, capacity building and training programme and delivering transition pathways and policy scenarios in the 3 Portuguese pilot cities supported by ENA						

Name :	Alegria	**First Name:**	Ricardo	**Gender:**	Male	**Nationality:**	Portuguese
Qualification (degree):	Master Degree in Energy and Bio-Energy (Universidade Nova de Lisboa), Post-graduation in Energy Management and Energy Efficiency (Instituto de Soldadura e Qualidade) and Graduation in Electrical Engineering (Instituto Superior de Engenharia de Lisboa)						
Job title:	Expert						
Short description of work experience, relevant to the proposal:	Ricardo Alegria works for ENA as senior energy official since 2009, holding expertise in developing awareness raising projects/campaigns, studies and training programs in the scope of renewable energy sources and energy efficiency (e.g. ISO 50 001 training, ISO 50 002 energy audits, energy certification of buildings). He also holds expertise in energy audits and certification for industry, domestic and services' buildings, and is trainer on ISO 50 001 – Energy Management Systems and technical implementation of the Social Housing and public buildings' energy auditing and certification projects. He has also more than a decade						

	experience in working with national and European projects (e.g. Promotion 3e, Esmartcity). Ricardo is also a qualified expert for the National System of Energy Certification of Buildings.
Role within the project:	Supporting the 3 Portuguese pilot cities in leveraging the European City Calculator for their transition, capacity building and training programme and delivering transition pathways and policy scenarios in the 3 Portuguese pilot cities supported by ENA

Name :	Rodriguez	**First Name:**	Isabel	**Gender:**	Female	**Nationality:**	Spanish
Qualification (degree):	Degree in Communication Sciences from the University of Seville						
Job title:	Project Manager						
Short description of work experience, relevant to the proposal:	Isabel Rodriguez has been working since 2019 at ENA as project manager, with her main responsibility being managing communication and dissemination activities (e.g. media relations, website, social media, etc.). Prior to joining ENA, she was working as a journalist in radio and TV for e.g. Cadena Ser, Una TV, Spanish National Radio. She was also responsible for the creation of the Energy Agency of Cádiz (Spain) and managing its involvement in European projects, as well as coordinating the involvement of the Province of Cadiz in the Covenant of Mayors. She was there also in charge of the Provincial Energy Optimisation and Savings Plans (POEE) and the Municipal Energy Plans (PEM). Isabel Rodriguez has also profound experience in communication management, in particular by working as a communication Manager of the Andalusian Government in the Tourism sector, and as responsible for Institutional Communication at the Delegation of the Andalusian Government, as well as at the Department of Environment of the Andalusian Government.						
Role within the project:	Communication and Dissemination						

Name :	Cardona	**First Name:**	Fábio	**Gender:**	Male	**Nationality:**	Portuguese
Qualification (degree):	Master of Environmental Engineering						
Job title:	Expert						
Short description of work experience, relevant to the proposal:	Fábio Cardona is currently technical responsible within ENA for accompanying and monitoring the SEAPs and SECAPs of Setúbal, Palmela, and Sesimbra. He is also managing ENA's projects on Green Libraries, Green Seal and the environmental education project Sustainability and Water briefcases. He is specialised in developing projects for environmental assessment, environmental education and supporting decision-making methodologies. In this regard, he has e.g. developed risk maps for overtopping and coastal flooding in the Hidralerta Project, developed the strategy for the implementation of a local protected marine area in the Foz Azul Marine Protected Area in Torres Vedras, and performed cost-benefit analysis and structural resilience proposals for buildings at coastal flooding risk in the northern region of Portugal mainland in the frame of the INTERREG MarRISK project.						
Role within the project:	Supporting the 3 Portuguese pilot cities in leveraging the European City Calculator for their transition, capacity building and training programme and delivering transition pathways and policy scenarios in the 3 Portuguese pilot cities supported by ENA						

Name :	Rocha	**First Name:**	Fernanda	**Gender:**	Female	**Nationality:**	Portuguese
Qualification (degree):	Degree in Public Administration from the University of Lisbon						
Job title:	Secretary and Administrative support						
Short description of work experience, relevant to the proposal:	Fernanda Rocha is working since 2019 as administrative technician at ENA, where she supports ENA's experts in the management and implementation of national and EU-funded projects. Prior to joining ENA, she was responsible for the administrative and financial monitoring of training projects from Community Support Frameworks.						
Role within the project:	Supporting overall coordination and implementation of ENA activities within EUCityCalc						

List of up to 5 relevant projects or activities

Project/activities	National or local/regional or European	Year of finalisation	Website
RecOil (coordinator)	European (IEE)	2015	www.recoilproject.eu
COMPOSE	European (INTERREG MED)	2019	https://compose.interreg-med.eu/
BundleUp	European (Horizon 2020)	2021	https://www.pontoenergia.pt/english/
Esmartcity	European (INTERREG MED)	2020	https://esmartcity.interreg-med.eu/
EnerNetMob	European (INTERREG MED)	2022	https://enernetmob.interreg-med.eu/

List of up to 5 relevant publications, and/or products, services (including widely-used datasets or software), or other achievements

Publications, products, services	Year	Website
Palmela's SEAP	2009	http://www.cm-palmela.pt/pages/1700
Appliances' efficient utilisation Guide	2012	http://www.ena.com.pt/?cix=792&lang=1
The Used Cooking Oil-to-biodiesel chain in Europe: assessment of best practices and environmental performance	2015	http://www.sciencedirect.com/science/article/pii/S1364032115010096
Energy Management Handbook	2016	http://www.ena.com.pt/?cix=792&lang=1
The Sustainability and Water Briefcases	2017-18	http://www.maletas.ena.com.pt/

Participant No. 9 – City of Žďár nad Sázavou (Zdar)

Description of the legal entity

The city of Žďár nad Sázavou in Czechia is the local authority governing the local policy in the town Žďár nad Sázavou and some villages nearby - see here: https://www.zdarns.cz/en/about-the-town . Zdar governs the daily life and development of the town Žďár nad Sázavou. It ensures the energy management of municipal buildings (e.g. schools, administrative buildings, sport and fitness buildings, part of residential buildings, municipal library, etc). Zdar also plans the town's next development, such as e.g. energy supply for newly planned buildings. The city owns the local heat distributing company called SATT, which distributes the heat from the central source factory called Žďas to the majority of buildings on the town's territory (both private and public).

Zdar also promotes climate policies and other relevant topics to its citizens, in order to raise their awareness and motivate behavioural change regarding energy efficiency and the environment. Zdar runs many projects relevant for energy efficiency and climate change, and is currently preparing its SECAP in the framework of its commitment to the Covenant of Mayors, which will be ready in early 2021.

In EUCityCalc, Zdar will be involved in all WPs, in particular in WP4 (delivering transition pathways and policy scenarios in the pilot cities), where it will run the co-creation engagement process of its expert working group involving key local stakeholders with the support of SEMMO. Zdar will also be involved in WP3 (support pilot cities in leveraging the European City Calculator for their transition), where it will be also supported by SEMMO in the WP's activities. Finally, Zdar will also be involved in the training programme on the European City Calculator webtool in Czechia, run by SEMMO, in the frame of WP5 (Capacity-building and training programme).

Key personnel to be involved in the proposed project

Name :	Bačovský	**First Name:**	Michal	**Gender:**	Male	**Nationality:**	Czech
Qualification (degree):	Ing. (equivalent to a Master of Science) in energy management from Czech Technical University in Prague						

Job title:	Project Manager and Smart City Coordinator
Short description of work experience, relevant to the proposal:	Michal Bačovský has been working for Zdar since 2018, where he is responsible for the preparation and implementation of the city's Smart City concept. He is also in charge of clean mobility support, the development of the municipal energy management, including on renewable energy sources and green roofs, and also for the popularisation of energy and climate changes issues for the wide audience of Zdar's inhabitants. Michal Bačovský has also experience in process engineering, ISO 9000 and 9001 and holds certificate level D in project management from the International Project Management Association. Prior to joining Zdar, he notably worked as financial manager for the Czech Ministry of Education, Youth and Sports, and as project manager for the Faculty of Electrical Engineering at the Czech Technical University in Prague.
Role within the project:	Overall coordination and implementation of Zdar's involvement in EUCityCalc

List of up to 5 relevant projects or activities

Project/activities	National or local/regional or European	Year of finalisation	Website
Smart City Strategy and Energy Management Implementation in Zdar (presentation at conference)	National	2020	Presentation in Czech on conference website: https://www.bids.cz/cz/konference/energeticky-management-pro-verejnou-spravu/448
The Process of Smart City Conception (presentation at Urbis Smart city fair)	National		Presentation in Czech on fair website: https://www.bvv.cz/urbis/
The exhibition "Climate has Changed and You Should Change too" (article for Covenant of Mayors website)	European	2020	https://www.eumayors.eu/news-and-events/news/1770-climate-has-changed-and-you-should-change,-too-an-exhibition-in-czech-republic.html
The e-mobility experience (presentation for the Vysočina Region Transport Committee)	Regional	2018	Presentation in Czech on website of Region Vysočina government: https://www.kr-vysocina.cz/en/vismo5/dokumenty2.asp?id_org=450028&id=1014&p1=1024

List of up to 5 relevant publications, and/or products, services (including widely-used datasets or software), or other achievements

Publications, products, services	Year	Website
The territorial energy politics according to the act 103/2015, colloquium on energy management	2018	Construction Macroeconomics Conference (2018), Conference Proceedings: http://www.conference-cm.com/index.php?history=history9
How the Czech municipalities fulfil the commitments in their SECAPs	2019	Construction Macroeconomics Conference (2019), Conference Proceedings http://www.conference-cm.com/index.php?history=history10
The energy poverty severity inspected in Zdar	2019	Business & IT scientific journal: http://bit.fsv.cvut.cz/issue.html

Participant No. 10 – Association of Energy Managers of Towns and Municipalities (SEMMO)

Description of the legal entity

The Association of Energy Managers of Towns and municipalities (SEMMO) is a Czech association of towns and municipalities interested in implementing energy-saving measures, renewable energy sources or related solutions in transport. Its mission is to disseminate examples of good practice, to educate Czech cities and municipalities in the field of sustainable energy and transport, and to help them to manage energy effectively. SEMMO aims to create an effective platform to exchange information on sustainable energy and transport, to educate towns and municipalities at seminars and conferences, and to involve cities and municipalities in innovative projects and activities.

SEMMO was a partner in the "Energy Cities - Mainstream the Covenant of Mayors in Member States" project, jointly funded by the European Commission and Energy Cities. The project was realised from January 2018 until December 2019. Together with the Healthy Cities network of Czechia, the Czech Ministry of the Environment and the Czech Ministry of Industry and Trade, SEMMO organised a series of webinars, workshops, conferences, including a study trip, to promote the Covenant of Mayors Europe in Czechia. In 2019, SEMMO ran another project called "Evaluation of energy management (EM) in the Czech municipalities and recommendations for the future EM development", which was also supported by the Czech Ministry of Industry and Trade.

In EUCityCalc, SEMMO will be involved in all WPs, especially in WP4 (delivering transition pathways and policy scenarios in the pilot cities), where it will support the pilot city Zdar in running its co-creation engagement process of its expert working groups with key local stakeholders. SEMMO will further support Zdar in the project activities in the framework of WP3 (support pilot cities in leveraging the European City Calculator for their transition), WP6 (Shaping the multi-level governance framework for climate neutrality) and WP7 (communication & dissemination). Finally, SEMMO also will run the training programme on the European City Calculator webtool in Czechia in WP5 (Capacity-building and training programme).

Key personnel to be involved in the proposed project

Name :	Klusák	**First Name:**	Jaroslav	**Gender:**	Male	**Nationality:**	Czech
Qualification (degree):	PhD in Environmental Economics from the University of Economics in Prague						
Job title:	Chairman						
Short description of work experience, relevant to the proposal:	Jaroslav Klusák has been Chairman of SEMMO since 2018. He has also been working since 2011 as Energy Manager for the Czech town of Litoměřice. He has been active in the field of municipal sustainable energy since 2004, and has participated in multiple national, European and international projects, such as e.g. Horizon 2020 INNOVATE, SCORE and STARDUST. He is a member of the Committee on Sustainable Energy at the Government Council for Sustainable Development.						
Role within the project:	Overall coordination and implementation of SEMMO's involvement in EUCityCalc, with a specific focus on supporting Zdar in leveraging the webtool for its transition, supporting the delivery of Zdar's transition pathways and policy scenarios towards climate neutrality, and running the training programme on the European City Calculator in Czechia						

Name :	McLaughlin Váňová	**First Name:**	Tereza	**Gender:**	Female	**Nationality:**	Czech
Qualification (degree):	Masters degree from the Faculty of Social Sciences, West European Studies at Charles University in Prague						
Job title:	Communication and International Cooperation Manager						
Short description of work experience,	Tereza McLaughlin Váňová is responsible for communication, public relations and international cooperation at SEMMO. Prior to joining SEMMO, she has worked at the Centre for Clean Technology and the Environment (CSTM) at the University of Twente in the Netherlands and at the Scottish University of Strathclyde at the Centre for Endangered						

relevant to the proposal:	Children (CELCIS). Since 2015, she has worked at the Czech Technical University in Prague, University Centre for Energy Efficient Buildings. She coordinates the Energy Efficient Buildings platform (EEB-CZ) in Czechia, and is also principle investigator in 3 INTERREG Europe projects focused on financial instruments, renewables in industry and transitions to low-carbon districts.
Role within the project:	Communication and dissemination, supporting Zdar in shaping the multi-level governance for climate neutrality and supporting capacity-building and training programme in Czechia

List of up to 5 relevant projects or activities

Project/activities	National or local/regional or European	Year of finalisation	Website
Energy Cities - Mainstream the Covenant of Mayors in Member States	National	2019	https://www.zdravamesta.cz/cz/NSZM-pakt-starostu-energetika
INNOVATE: Integrated solutioNs for ambitiOus energy refurbishment of priVATE housing	European (Horizon 2020)	2020	http://www.financingbuildingrenovation.eu/
Evaluation of energy management in Czech municipalities & recommendations for next steps	National	2020	
SCORE	European (Horizon 2020)	2021	https://www.score-h2020.eu
STARDUST: Holistic and integrated urban model for Smart Cities	European (Horizon 2020)	2022	https://stardustproject.eu/

List of up to 5 relevant publications, and/or products, services (including widely-used datasets or software), or other achievements

Publications, products, services	Year	Website
NCEÚ (National Centre for Energy Savings) Proč energetické úspory: Why energy savings – handbook for mayors	2019	http://www.nceu.cz/file/edee/tiskove-zpravy/nceu_prirucka-k-energetickym-opatrenim-pro-starosty.pdf
Klusák, J. et al.: Úspory v energetice – Energy Savings, in Sbírka případových studií – Compilation of case studies, Svaz měst a obcí ČR 2015; Union of Towns and Municipalities of the Czech Republic	2015	http://www.mepco.cz/wp-content/uploads/2014/01/Sb%C3%ADrka-p%C5%99%C3%ADpadov%C3%BDch-studi%C3%AD_2015.pdf
Klusák, J. et al.: Školy, učitelé a energetická soběstačnost – Schools, Teachers and Energy Efficiency, Bedrník 2014/3	2014	
Klusák, J. et al.: Litoměřice - Udržitelná energetika a soběstačnost jsou tím správným přístupem, Litomerice: Sustainable Energy and self-sufficiency are the right approach; Moderní obec 2014	2014	https://www.moderniobec.cz/litomerice-udrzitelna-energetika-a-sobestacnost-jsou-tim-spravnym-pristupem/
Klusák, J. et al.: Litoměřice – Indikátory udržitelné energetiky pro rozhodování měst a obcí – Sustainable Energy Indicators for municipalities decision-making, ISBN 978-80-254-5995-9	2009	http://www.dvs.cz/clanek.asp?id=6404770

Participant No. 11 – Regional Energy Agency North (REAN)

Description of the legal entity

Regional Energy Agency North (REAN) was established in 2009 as a public, independent and not-for-profit institution within the Intelligent Energy Europe programme. REAN was established by the Croatian cities Koprivnica, Varazdin and Virovitica with the aim of providing support, consulting and related services to all participants directly or indirectly involved in energy in the Northern part of Croatia. REAN is focused on renewable energy sources, energy efficiency, rational use of energy and environmental protection.

It has a substantial relevant working experience that can be leveraged in EUCityCalc proposal: participation in long term energy and climate planning, mobilisation of and guidance for public authorities in defining long-term energy policy priorities, promotion of multi-level governance, and supporting regional and local authorities in developing, financing and implementing ambitious integrated sustainable energy and climate policy action plans. REAN has also experience in use of long-range energy alternatives planning systems as a tool for energy policy analysis and climate change mitigation assessment.

In EUCityCalc, REAN will be involved in all WPs and further lead WP5 (capacity-building and training programme), where it will run the training programme on the European City Calculator in Croatia and at EU-level. REAN will also be particularly involved in WP4 (delivering transition pathways and policy scenarios in the pilot cities), to support its 3 municipalities and project pilot cities Koprivnica, Varazdin and Virovitica in running the co-creation engagement process of their expert working groups with key local stakeholders. Furthermore, in the framework of WP3 (support pilot cities in leveraging the European City Calculator for their transition), WP6 (Shaping the multi-level governance framework for climate neutrality) and WP7 (communication & dissemination), REAN will involve and support its 3 municipalities in the project activities in these WPs.

Key personnel to be involved in the proposed project

Name :	Ivan	**First Name:**	Simic	**Gender:**	Male	**Nationality:**	Croat
Qualification (degree):	Masters Degree in Electrical Engineering						
Job title:	Managing Director						
Short description of work experience, relevant to the proposal:	Ivan Simic has been running REAN for the past 8 years. At REAN, Ivan Simic has been extensively involved in managing EU- and national projects targeted at end users or consumers of energy and energy related products and services. He has included REAN in many educational and awareness raising activities for the communities in Northern Croatia. Prior to working for REAN, he gathered 20+ years of experience in telecommunications and leading global consulting companies, where he held various managing positions and senior positions. He was also engaged in numerous national and international projects in telecommunications, IT and management consulting to develop mass market services, systems and provide support targeted directly at consumers and their needs.						
Role within the project:	Overall coordination, with special focus on leveraging the European City Calculator for the 3 Croatian pilot cities' transition, delivering transition pathways and policy scenarios in these cities supported by REAN, and also supporting them in shaping the multi-level governance framework for climate neutrality						

Name :	Jurica	**First Name:**	Perko	**Gender:**	Male	**Nationality:**	Croat
Qualification (degree):	Masters Degree in Electrical Engineering						
Job title:	Business Development Manager						
Short description of work experience,	Jurica Perko has over 7 years of experience in electrical engineering and in the field of power energy and renewable energy sources. He is responsible for developing REAN's project activities and is specialised in communicating and engaging with all the different stakeholders						

relevant to the proposal:	involved in the local and regional energy transition. Jurica Perko has also extensive project management experience in national and EU-funded projects (e.g. Horizon 2020 C-Track 50)
Role within the project:	Delivering transition pathways and policy scenarios in the 3 Croatian pilot cities supported by REAN, communication and dissemination, capacity-building and training programme

Name :	Petra	**First Name:**	Orehovacki	**Gender:**	Female	**Nationality:**	Croat
Qualification (degree):	Masters Degree in Environmental Engineering						
Job title:	Energy Advisor						
Short description of work experience, relevant to the proposal:	Petra Orehovacki has profound experience in energy and climate planning, implementation of climate mitigation and adaptation actions, data gathering and professional management through collaboration with local and regional authorities. She works at REAN since 2018 as energy advisor, where she has been mainly involved in participating in EU funded projects and energy and climate planning consulting in the public sector. Petra Orehovacki has also wide expertise in the use of tools for energy and climate planning and in the management of projects related to social housing and energy poverty. Her experience and skills will contribute in particular to facilitate data gathering and cooperation with public authorities.						
Role within the project:	Leveraging the European City Calculator for the 3 Croatian pilot cities' transition, Capacity building and training programme, delivering pathways and scenarios in 3 Croatian pilot cities						

List of up to 5 relevant projects or activities

Project/activities	National or local/regional or European	Year of finalisation	Website
C-Track 50	European (Horizon 2020)	2021	www.c-track50.eu
Prominent MED	European (INTERREG MED)	2020	https://prominent-med.interreg-med.eu/
COMPOSE	European (INTERREG MED)	2019	https://compose.interreg-med.eu/
INFINITE Solutions	European (IEE)	2016	https://energy-cities.eu/publication/infinite-solutions-guidebook-2/
EE Pannonia: Elaboration of joint energy efficiency action plan for the border region by municipalities, involving the local community	European (ERDF 2007-2013)	2015	http://rea-sjever.hr/naslovnica/vijesti/zapo%C4%8Deo-projekt-ee-pannonia.html

List of up to 5 relevant publications, and/or products, services (including widely-used datasets or software), or other achievements

Publications, products, services	Year	Website
Regional Energy Efficiency Action Plan for Brod-Posavina County	2020	http://www.bpz.hr/_Data/Files/Prijedlog%20Akcijskog%20plana%20energetske%20u%C4%8Dinkovitosti.pdf
SECAP of the Croatian City of Krizevci	2019	https://krizevci.hr/vijecnici-donijeli-odluke-vezane-uz-gradnju-nove-sportske-dvorane-i-kupnju-vatrogasnog-vozila/
Greening social housing in Varazdin, Croatia	2019	https://www.interregeurope.eu/socialgreen/library/#folder=1756
Study on the use of renewable energy sources in Koprivnica-Krizevci County	2015	https://www.prostorno-kkz.hr/novosti1/ostale-novosti?start=30

4.2. Third parties involved in the project (including use of third party resources)

Participant	Does the participant plan to subcontract certain tasks (please note that core tasks of the project should not be sub-contracted)	Does the participant envisage that part of its work is performed by linked third parties	Does the participant envisage the use of contributions in kind provided by third parties (Articles 11 and 12 of the General Model Grant Agreement)	Does the participant envisage that part of the work is performed by International Partners (Article 14a of the General Model Grant Agreement)?
ENC	N	N	N	N
PIK	N	N	N	N
Climact	N	N	N	N
CMW	N	N	N	N
REA	N	N	N	N
MUM	N	N	N	N
DM	N	**Y**	N	N
ENA	N	N	N	N
Zdar	N	N	N	N
SEMMO	N	N	N	N
REAN	N	N	N	N

Dijon Métropole (DM) envisages that part of its work is performed by linked third parties:

Description of the third party, the link of the participant to the third party, and description and justification of the foreseen tasks to be performed by the third party for Dijon Métropole:

Atmo Burgundy Franche Comté is a non-profit organisation that produces air quality, energy and GHG emissions for the territory of Dijon Métropole. Dijon Métropole contracts this organisation to produce data and to collaborate with Dijon Métropole to analyse and communicate on this produced data. In EUCityCalc, Atmo Burgundy Franche Comté will support Dijon Métropole in the data gathering process under WP3.

The president of Atmo Burgundy Franche Comté is a deputy mayor of the city of Dijon and also vice-president ot Dijon Métropole.

Section 5: Ethics and Security

5.1 Ethics

This proposal does not involve any ethical issues.

5.2 Security

Please indicate if your project will involve:

- activities or results raising security issues: NO
- 'EU-classified information' as background or results: NO

EUCityCalc Annex: Overview of Letters of Support and Commitment

Organisation type	LoS/LoC from (country)	Number
Pilot Cities	Riga Energy Agency (LV)	1
	Municipality of Mantova (IT)	2
	Dijon Métropole (FR)	3
	City of Žďár nad Sázavou (CZ)	4
	City of Setúbal (PT)	5
	City of Palmela (PT)	6
	City of Sesimbra (PT)	7
	City of Koprivnica (HR)	8
	City of Varazdin (HR)	9
	City of Virovitica (HR)	10
European cities	Modena (IT)	11
	Padova (IT)	12
	L'Ufficio Comune per la Sostenibilità Ambientale - Città Metropolitana di Napoli (IT)	13
	Lille (FR)	14
	Epernay (FR)	15
	La Rochelle (FR)	16
	Chodov (CZ)	17
	Rožnov pod Radhoštěm (CZ)	18
	Tábor (CZ)	19
	Sado (PT)	20
	São Sebastião (PT)	21
	Pinhal Novo (PT)	22
	Lisbon Metropolitan Area (PT)	23
	Poceirão e Marateca (PT)	24
	Karlovac (HR)	25
	Poreč –Parenzo (HR)	26
	Dakovo (HR)	27
	Križevci (HR)	28
	Ludbreg (HR)	29
	Matulji (HR)	30
	Granollers (ES)	31
	Valencia (ES)	32
	Bistrita (RO)	33
	Timisoara (RO)	34
	Budapest (HU)	35
	Igoumenitsa (EL)	36
	Komotini (EL)	37
	Plymouth City Council (UK)	38
European local and regional energy agencies	ZREA - Zemgale Regional Energy Agency (LV)	39
	AGENEAL - Local Energy Agency of Almada (PT)	40
	AREAL – Regional Energy and Environment Agency of Algarve (PT)	41
	AREANATEJO – Regional Energy and Environment Agency of North Alentejo and Tagus (PT)	42
	ENERGAIA – Energy Agency for the South of the Oporto Metropolitan Area (PT)	43
	Lisboa E-Nova – Energy and Environment Agency of Lisboa (PT)	44
	S.ENERGIA – Regional Energy Agency for Barreiro, Moita, Montijo and Alcochete (PT)	45

	AEdoAVE – Energy Agency of Ave (PT) IRENA – Istrian Regional Energy Agency (HR) MENEA – Medjimurje Energy Agency (HR) REAK – Regional Energy Agency Kvarner (HR) REGEA – Regionalna energetska agencija sjeverozapadne Hrvatske (HR) APEGR - Granada Provincial Energy Agency (Provincial Government of Granada) (ES)		46 47 48 49 50 51
Policymakers at regional, national and EU-level	Ministry of the Environment (CZ) Ministry of Industry and Trade (CZ) CCDR LVT – Commission for Regional Development and Coordination of Lisbon and Tagus Valley (PT) RNAE – National network of energy agencies in Portugal (PT) ICNF – National Institute for Nature Conservation and Forests (PT) Cyprus Energy Agency (CY) Province de Liège (BE)		52 53 54 55 56 57 58
Multipliers such as associations of cities, agencies associations	France Urbaine Vestule – Association of Major Cities of Latvia (LV) OER – Romanian Network of Energy Cities (RO) ALDA – Association Agences de la Démocratie Locale (EU)		59 60 61 62
Academia and think tanks	CEDRU – Centre of Studies and Regional and Urban Development (PT) Fundació CV Observatori Valencià del Canvi Climàtic (ES) Kyoto Club (EU)		63 64 65
Key local stakeholders in the pilot cities taking part in expert working groups	Riga Energy Agency (LV)	Riga Technical University; Foundation for Urban Resilience and Climate Sustainability; Rigas Siltums Local Heat Supply Company	66 67 68
	Municipality of Mantova (IT)	Coordinamento Agende 21 Locali Italiane; Alkémica cooperativa sociale o.n.l.u.s.; APAM Esercizio SpA; Comitato Valletta; Confagricoltura Mantova; Confindustria Mantova; Promoimpresa Borsa; Associazione Anticittà Parcobaleno ;	69 70 71 72 73 74 75 76
	Dijon Métropole (FR)	Atmo Bourgogne-Franche-Comté EDF	77 78
	City of Žďár nad Sázavou (CZ)	SATT Local District Heating Company; Energy Advisory Agency Highland;	79 80
	City of Setúbal (PT)	AVIPE - Association of Winegrowers of Palmela;	81

	City of Palmela (PT) City of Sesimbra (PT)	Biovilla Sustainability - Cooperative for sustainable development and Agro-tourism; Costa Azul Mutual Agricultural Credit Bank; AMRS – Association of Municipalities of the Setúbal Region; ADREPES – Association for the Regional Development of the Setúbal Peninsula;	82 83 84 85
	City of Koprivnica (HR) City of Varazdin (HR) City of Virovitica (HR)	Society for Sustainable Development Design; Faculty of Electrical Engineering, Computer Science & Information Technology Osijek;	86 87
Key stakeholders not directly part of expert working groups	ZERO - Associação Sistema Terrestre Sustentável (PT) Climate Action Network Europe (EU)		88 89
Project Advisory Board	**Erica Hope**, Director for Climate Planning and Laws, European Climate Foundation (BE) **Matthias Duwe**, Head of Climate, Ecologic Institute (DE) **Eddy Deruwe**, Flemish Energy Agency, Coordinator of the LIFE IP BE REEL! (BE) **Dr. Ekki Kreutzberger**, Delft University of Technology, Coordinator of the 2050 CliMobCity project (NL) **Prof. Júlia Seixas**, University of Lisbon, Center for Environmental & Sustainability Research (PT)		90 91 92 93 94

RĪGAS PAŠVALDĪBAS AĢENTŪRA
„RĪGAS ENERĢĒTIKAS AĢENTŪRA"
Mazā Jauniela 5, Rīga, LV1050, tālrunis 67012350
e-pasts rea@riga.lv

Riga 07.08.2020. Nr. REA-20-48-nd

To: Energy Cities
2 Chemin de Palente
F-25000 Besancon
France

Letter of Commitment

I, the undersigned Acting Director Evita Riekstina, on behalf of Riga Municipal Agency "Riga Energy Agency", hereby declare that our city fully supports the project "EUCityCalc", developed and coordinated by Energy Cities together with a variety of European cities and partners for the Horizon 2020 call "Supporting public authorities in driving the energy transition" (LC-SC3-EC-5-2020). The overarching objective of the EUCityCalc project is to support public authorities at local level in planning towards climate neutrality, by using the prospective modelling approach of the European City Calculator tool.

Meeting the objectives of the Paris Agreement and ensuring that Europe becomes the first climate-neutral continent by 2050, requires cities to be in the driving seat of the transition to a decarbonised, resilient and just society. The Riga Municipal Agency "Riga Energy Agency" is committed to this long-term transition towards climate neutrality, and believes that EUCityCalc provides a powerful mechanism for enabling this transition, by supporting cities in developing and implementing scientifically robust, detailed and integrated pathways underpinned by a cross-sectoral and territorial approach to decarbonisation.

With this letter of commitment, Riga Municipal Agency "Riga Energy Agency" intends to fully contribute to the work, results and dissemination activities of the project. We look forward to exchanging experiences, practices and insights with the cities and partners of the consortium. We also relish the prospect to collaborate with other cities and stakeholders in Europe, by sharing our lessons learnt and skills acquired with them in the framework of the multifaceted learning programme of the EUCityCalc.

Sincerely

Evita Riekstina, Acting Director, Riga Municipal Agency "Riga Energy Agency"

COMUNE DI MANTOVA

IL SINDACO

Comune di Mantova

Via Roma, 39

46100, Mantova

Italy

To:
Energy Cities
2 Chemin de Palente
F-25000 Besancon
France

PS 50/205/2020

Mantova, 22 July 2020

Letter of Commitment

I, the undersigned Mattia Palazzi, Mayor, on behalf of the Municipality of Mantova, hereby declare that our city fully supports the project "EUCityCalc", developed and coordinated by Energy Cities together with a variety of European cities and partners for the Horizon 2020 call "Supporting public authorities in driving the energy transition" (LC-SC3-EC-5-2020). The overarching objective of the EUCityCalc project is to support public authorities at local level in planning towards climate neutrality, by using the prospective modelling approach of the European City Calculator tool.

Meeting the objectives of the Paris Agreement and ensuring that Europe becomes the first climate-neutral continent by 2050, requires cities to be in the driving seat of the transition to a decarbonised, resilient and just society. The Municipality of Mantova is committed to this long-term transition towards climate neutrality, and believes that EUCityCalc provides a powerful mechanism for enabling this transition, by supporting cities in developing and implementing scientifically robust, detailed and integrated pathways underpinned by a cross-sectoral and territorial approach to decarbonisation.

With this letter of commitment, the Municipality of Mantova intends to fully contribute to the work, results and dissemination activities of the project. We look forward to exchanging experiences, practices and insights with the cities and partners of the consortium. We also relish the prospect to collaborate with other cities and stakeholders in Europe, by sharing our lessons learnt and skills acquired with them in the framework of the multifaceted learning programme of the EUCityCalc.

Sincerely

Mattia Palazzi, Mayor

Municipality of Mantova
IL SINDACO
Mattia Palazzi

COMUNE DI MANTOVA

MANTOVA CAPITALE ITALIANA DELLA CULTURA 2016

Segreteria Sindaco
Via Roma 39 46100 Mantova
T. +39 0376 338477/503/223 F. +39 0376 2738020
segreteria.sindaco@comune.mantova.gov.it
www.cittadimantova.it

Dijon Metropole
40 avenue du drapeau
21000 DIJON

Energy Cities
2 Chemin de Palente
F-25000 Besancon
France

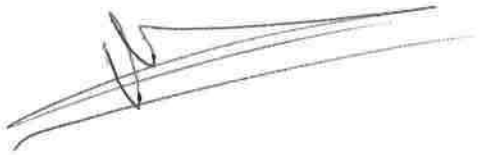
Dijon, 10th August 2020

Letter of Commitment

I, the undersigned, Mr Jean-Patrick Masson, on behalf of Dijon Métropole, hereby declare that our city fully supports the project "EUCityCalc", developed and coordinated by Energy Cities together with a variety of European cities and partners for the Horizon 2020 call "Supporting public authorities in driving the energy transition" (LC-SC3-EC-5-2020). The overarching objective of the EUCityCalc project is to support public authorities at local level in planning towards climate neutrality, by using the prospective modelling approach of the European City Calculator tool.
Meeting the objectives of the Paris Agreement and ensuring that Europe becomes the first climate-neutral continent by 2050, requires cities to be in the driving seat of the transition to a decarbonised, resilient and just society. Dijon Métropole is committed to this long-term transition towards climate neutrality, and believes that EUCityCalc provides a powerful mechanism for enabling this transition, by supporting cities in developing and implementing scientifically robust, detailed and integrated pathways underpinned by a cross-sectoral and territorial approach to decarbonisation.

With this letter of commitment, Dijon Métropole intends to fully contribute to the work, results and dissemination activities of the project. We look forward to exchanging experiences, practices and insights with the cities and partners of the consortium. We also relish the prospect to collaborate with other cities and stakeholders in Europe, by sharing our lessons learnt and skills acquired with them in the framework of the multifaceted learning programme of the EUCityCalc.

Sincerely



Jean-Patrick MASSON
Vice-President, ecological transition
Dijon Métropole

DIJON MÉTROPOLE
40, avenue du Drapeau • CS 17510 • 21075 Dijon cedex
Tél : 03 80 50 35 35 • Fax : 03 80 50 13 36
contact@metropole-dijon.fr • www.metropole-dijon.fr

VILLE DE DIJON
CS 73310 • 21033 Dijon cedex
Tél : 03 80 74 51 51
contact@ville-dijon.fr • www.dijon.fr

MĚSTO ŽĎÁR NAD SÁZAVOU
Žižkova 227/1, 591 31 ŽĎÁR NAD SÁZAVOU

The City of Žďár nad Sázavou
Žižkova 227/1
Žďár nad Sázavou
591 01
The Czech Republic

To:
Energy Cities
2 Chemin de Palente
F-25000 Besancon
France

Žďár nad Sázavou, June 5th 2020

Letter of Commitment

I, the undersigned Ing. Martin Mrkos, ACCA, on behalf of the city of Žďár nad Sázavou, hereby declare that our city fully supports the project "EUCityCalc", developed and coordinated by Energy Cities together with a variety of European cities and partners for the Horizon 2020 call "Supporting public authorities in driving the energy transition" (LC-SC3-EC-5-2020). The overarching objective of the EUCityCalc project is to support public authorities at local level in planning towards climate neutrality, by using the prospective modelling approach of the European City Calculator tool.
Meeting the objectives of the Paris Agreement and ensuring that Europe becomes the first climate-neutral continent by 2050, requires cities to be in the driving seat of the transition to a decarbonised, resilient and just society. The city of Žďár nad Sázavou is committed to this long-term transition towards climate neutrality, and believes that EUCityCalc provides a powerful mechanism for enabling this transition, by supporting cities in developing and implementing scientifically robust, detailed and integrated pathways underpinned by a cross-sectoral and territorial approach to decarbonisation.

With this letter of commitment, the city of Žďár nad Sázavou intends to fully contribute to the work, results and dissemination activities of the project. We look forward to exchanging experiences, practices and insights with the cities and partners of the consortium. We also relish the prospect to collaborate with other cities and stakeholders in Europe, by sharing our lessons learnt and skills acquired with them in the framework of the multifaceted learning programme of the EUCityCalc.

Sincerely

MĚSTO ŽĎÁR NAD SÁZAVOU
① Žižkova 227 / 1
ŽĎÁR NAD SÁZAVOU
PSČ 591 31

Ing. Martin Mrkos, ACCA
mayor

KB Žďár nad Sázavou
č. ú. 328751/0100
IČ: 00295841
DIČ: CZ00295841
tel.: 00420 566 688 111
e-mail: meu@zdarns.cz
internet: www.zdarns.cz

MUNICÍPIO DE SETÚBAL
CÂMARA MUNICIPAL
Presidência

Praça do Bocage

2900-866 Setúbal

Energy Cities
2 Chemin de Palente
F-25000 Besancon
France

Setúbal, 06.07.2020

Letter of Commitment

I, the undersigned Mayor Maria das Dores Marques Banheiro Meira, on behalf of Setúbal Municipality hereby declare that our city fully supports the project "EUCityCalc", developed and coordinated by Energy Cities together with a variety of European cities and partners for the Horizon 2020 call "Supporting public authorities in driving the energy transition" (LC-SC3-EC-5-2020). The overarching objective of the EUCityCalc project is to support public authorities at local level in planning towards climate neutrality, by using the prospective modelling approach of the European City Calculator tool.

Meeting the objectives of the Paris Agreement and ensuring that Europe becomes the first climate-neutral continent by 2050, requires cities to be in the driving seat of the transition to a decarbonised, resilient and just society. The Setúbal Municipality is committed to this long-term transition towards climate neutrality, and believes that EUCityCalc provides a powerful mechanism for enabling this transition, by supporting cities in developing and implementing scientifically robust, detailed and integrated pathways underpinned by a cross-sectoral and territorial approach to decarbonisation.

With this letter of commitment, the Setúbal Municipality intends to fully contribute to the work, results and dissemination activities of the project. We look forward to exchanging experiences, practices and insights with the cities and partners of the consortium. We also relish the prospect to collaborate with other cities and stakeholders in Europe, by sharing our lessons learnt and skills acquired with them in the framework of the multifaceted learning programme of the EUCityCalc.

Sincerely

Maria das Dores Marques Banheiro Meira

Mayor of Setúbal Municipality

SETÚBAL
MUNICÍPIO PARTICIPADO

Município
Palmela
Câmara Municipal

Câmara Municipal de Palmela

Largo do Município

2954-001 Palmela

Portugal

To:
Energy Cities
2 Chemin de Palente
F-25000 Besancon
France

Palmela, 8 July 2020

Letter of Commitment

I, the undersigned Álvaro Manuel Balseiro Amaro, Mayor of Palmela, on behalf of City Council of Palmela hereby declare that our city fully supports the project "EUCityCalc", developed and coordinated by Energy Cities together with a variety of European cities and partners for the Horizon 2020 call "Supporting public authorities in driving the energy transition" (LC-SC3-EC-5-2020). The overarching objective of the EUCityCalc project is to support public authorities at local level in planning towards climate neutrality, by using the prospective modelling approach of the European City Calculator tool.

Meeting the objectives of the Paris Agreement and ensuring that Europe becomes the first climate-neutral continent by 2050, requires cities to be in the driving seat of the transition to a decarbonised, resilient and just society. The City Council of Palmela is committed to this long-term transition towards climate neutrality, and believes that EUCityCalc provides a powerful mechanism for enabling this transition, by supporting cities in developing and implementing scientifically robust, detailed and integrated pathways underpinned by a cross-sectoral and territorial approach to decarbonisation.

With this letter of commitment, City Council of Palmela intends to fully contribute to the work, results and dissemination activities of the project. We look forward to exchanging experiences, practices and insights with the cities and partners of the consortium. We also relish the prospect to collaborate with other cities and stakeholders in Europe, by sharing our lessons learnt and skills acquired with them in the framework of the multifaceted learning programme of the EUCityCalc.

Sincerely

Álvaro Manuel Balseiro Amaro

Mayor

City Council of Palmela

Câmara Municipal de Sesimbra

To:
Energy Cities
2 Chemin de Palente
F-25000 Besancon
France

Sesimbra, 9 July 2020

Letter of Commitment

I, the undersigned Francisco Jesus, Mayor, on behalf of City Council of Sesimbra, hereby declare that our city fully supports the project "EUCityCalc", developed and coordinated by Energy Cities together with a variety of European cities and partners for the Horizon 2020 call "Supporting public authorities in driving the energy transition" (LC-SC3-EC-5-2020). The overarching objective of the EUCityCalc project is to support public authorities at local level in planning towards climate neutrality, by using the prospective modelling approach of the European City Calculator tool.
Meeting the objectives of the Paris Agreement and ensuring that Europe becomes the first climate-neutral continent by 2050, requires cities to be in the driving seat of the transition to a decarbonised, resilient and just society. The City Council of Sesimbra is committed to this long-term transition towards climate neutrality, and believes that EUCityCalc provides a powerful mechanism for enabling this transition, by supporting cities in developing and implementing scientifically robust, detailed and integrated pathways underpinned by a cross-sectoral and territorial approach to decarbonisation.

With this letter of commitment, City Council of Sesimbra intends to fully contribute to the work, results and dissemination activities of the project. We look forward to exchanging experiences, practices and insights with the cities and partners of the consortium. We also relish the prospect to collaborate with other cities and stakeholders in Europe, by sharing our lessons learnt and skills acquired with them in the framework of the multifaceted learning programme of the EUCityCalc.

Sincerely

Francisco Jesus, Mayor
City Council of Sesimbra

REPUBLIC OF CROATIA
KOPRIVNICA-KRIŽEVCI COUNTY
CITY OF KOPRIVNICA

The Mayor's Office

CLASS: 010-01/20-01/0020
REG. No.: 2137/01-03/1-20-2
Koprivnica, 14th July 2020

Energy Cities
2 Chemin de Palente
F-25000 Besancon
France

&

Regional Energy Agency North
Miroslava Krleže 81
48000 Koprivnica
Croatia

Letter of support

I, the undersigned City Mayor, Mišel Jakšić, on behalf of City of Koprivnica, hereby declare that our city fully supports the project "EUCityCalc", developed and coordinated by Energy Cities together with a variety of European cities and partners for the Horizon 2020 call "Supporting public authorities in driving the energy transition" (LC-SC3-EC-5-2020). The overarching objective of the EUCityCalc project is to support public authorities at local level in planning towards climate neutrality, by using the prospective modelling approach of the European City Calculator tool.

Meeting the objectives of the Paris Agreement and ensuring that Europe becomes the first climate-neutral continent by 2050, requires cities to be in the driving seat of the transition to a decarbonised, resilient and just society. City of Koprivnica is committed to this long-term transition towards climate neutrality, and believes that EUCityCalc provides a powerful mechanism for enabling this transition, by supporting cities in developing and implementing scientifically robust, detailed and integrated pathways underpinned by a cross-sectoral and territorial approach to decarbonisation.

With this letter of commitment, City of Koprivnica intends to fully contribute to the work, results and dissemination activities of the project. We look forward to exchanging experiences, practices and insights with the cities and partners of the consortium. We also relish the prospect to collaborate with other cities and stakeholders in Europe, by sharing our lessons learnt and skills acquired with them in the framework of the multifaceted learning programme of the EUCityCalc.

Best regards,

REPUBLIKA HRVATSKA GRAD KOPRIVNICA GRADONAČELNIK KOPRIVNICA KOPRIVNIČKO-KRIŽEVAČKA ŽUPANIJA

MAYOR:
Mišel Jakšić, B. Sc. Econ.

REPUBLIKA HRVATSKA
VARAŽDINSKA ŽUPANIJA

GRAD VARAŽDIN
www.varazdin.hr e-mail: varazdin@varazdin.hr

MAYOR

KLASA: 306-02/20-01/3
URBROJ: 2186/01-07/8-20-6
Varazdin, 20th July 2020

City of Varazdin
Trg kralja Tomislava 1
42000 Varazdin
Croatia

To:
Energy Cities
2 Chemin de Palente
F-25000 Besancon
France

Letter of Commitment

I, the undersigned City Mayor, Ivan Cehok, on behalf of City of Varazdin, hereby declare that our city fully supports the project "EUCityCalc", developed and coordinated by Energy Cities together with a variety of European cities and partners for the Horizon 2020 call "Supporting public authorities in driving the energy transition" (LC-SC3-EC-5-2020). The overarching objective of the EUCityCalc project is to support public authorities at local level in planning towards climate neutrality, by using the prospective modelling approach of the European City Calculator tool.

Meeting the objectives of the Paris Agreement and ensuring that Europe becomes the first climate-neutral continent by 2050, requires cities to be in the driving seat of the transition to a decarbonised, resilient and just society. City of Varazdin is committed to this long-term transition towards climate neutrality, and believes that EUCityCalc provides a powerful mechanism for enabling this transition, by supporting cities in developing and implementing scientifically robust, detailed and integrated pathways underpinned by a cross-sectoral and territorial approach to decarbonisation.

With this letter of commitment, City of Varazdin intends to fully contribute to the work, results and dissemination activities of the project. We look forward to exchanging experiences, practices and insights with the cities and partners of the consortium. We also relish the prospect to collaborate with other cities and stakeholders in Europe, by sharing our lessons learnt and skills acquired with them in the framework of the multifaceted learning programme of the EUCityCalc.

Sincerely

Ivan Čehok
Mayor of the City of Varaždin

REPUBLIKA HRVATSKA GRAD VARAŽDIN Gradonačelnik 26 VARAŽDIN VARAŽDINSKA ŽUPANIJA

THE REPUBLIC OF CROATIA
VIROVITICA-PODRAVINA COUNTY
THE CITY OF VIROVITICA
MAYOR

KLASA: 910-04/20-01/02
URBROJ: 2189/01-08/1-20-4
Virovitica, 14 July 2020.

To:
Energy Cities
2 Chemin de Palente
F-25000 Besancon
France

Letter of Commitment

I, the undersigned City Mayor, Ivica Kirin, on behalf of City of Virovitica, hereby declare that our city fully supports the project "EUCityCalc", developed and coordinated by Energy Cities together with a variety of European cities and partners for the Horizon 2020 call "Supporting public authorities in driving the energy transition" (LC-SC3-EC-5-2020). The overarching objective of the EUCityCalc project is to support public authorities at local level in planning towards climate neutrality, by using the prospective modelling approach of the European City Calculator tool.
Meeting the objectives of the Paris Agreement and ensuring that Europe becomes the first climate-neutral continent by 2050, requires cities to be in the driving seat of the transition to a decarbonised, resilient and just society. City of Virovitica is committed to this long-term transition towards climate neutrality, and believes that EUCityCalc provides a powerful mechanism for enabling this transition, by supporting cities in developing and implementing scientifically robust, detailed and integrated pathways underpinned by a cross-sectoral and territorial approach to decarbonisation.

With this letter of commitment, City of Virovitica intends to fully contribute to the work, results and dissemination activities of the project. We look forward to exchanging experiences, practices and insights with the cities and partners of the consortium. We also relish the prospect to collaborate with other cities and stakeholders in Europe, by sharing our lessons learnt and skills acquired with them in the framework of the multifaceted learning programme of the EUCityCalc.

Sincerely,

MAYOR

Ivica Kirin, dipl. ing.

REPUBLIKA HRVATSKA Grad Virovitica Gradonačelnik, Virovitica VIROVITIČKO-PODRAVSKA ŽUPANIJA

Comune di Modena
Assessorato all' Ambiente Agricoltura e Mobilità Sostenibile

Modena, 9th july 2020

Prot. n. 169257/ 2020

To:
Energy Cities
2 Chemin de Palente
F-25000 Besancon
France

Letter of Support

I, the undersigned Mrs. Alessandra Filippi, on behalf of Comune di Modena,, hereby declare that we fully support the project "EUCityCalc", developed and coordinated by Energy Cities together with a variety of European cities and partners for the Horizon 2020 call "Supporting public authorities in driving the energy transition" (LC-SC3-EC-5-2020). The main objective of the EUCityCalc project is to support public authorities at local level in planning towards climate neutrality, by using the prospective modelling approach of the European City Calculator tool.
Meeting the objectives of the Paris Agreement and ensuring that Europe becomes the first climate-neutral continent by 2050, requires cities to be in the driving seat of the transition to a decarbonised, resilient and just society. Comune di Modena believes that EUCityCalc provides a powerful mechanism for enabling cities to take on the role as transition leaders in this regard, by supporting cities in developing and implementing scientifically robust, detailed and integrated transition pathways underpinned by a cross-sectoral and territorial approach to decarbonisation.

In this respect, Comune di Modena strongly recommends EUCityCalc as an extremely timely and valuable opportunity, as it empowers cities to translate their commitments to become climate-neutral into precise, tangible and overarching transition plans. We thereby confirm our interest in the project's results, our intention to support its dissemination activities, and further welcome opportunities for exchanging experiences.

Sincerely

Alessandra Filippi
Town Councillor for Environment
Comune di Modena

Assessora all' Ambient
Agricoltura e Mobilità
Sostenibile
(*Alessandra Filippi*)

Via Santi 40, 8° piano – 41123 Modena
Telefono 059 203 3813
E-mail : alessandra.filippi@comune.modena.it

COMUNE DI PADOVA
Settore Ambiente e Territorio

#EVCapital PADOVA 2020 CAPITALE VOLONTARIATO

Spazio riservato al Protocollo Generale

Il numero di protocollo è indicato nel documento xlm allegato

DL, GV
INFORMAMBIENTE – PADOVA21

Objective: Letter of Support to the project proposal H2020 EUCityCalc - LC-SC3-EC-5-2020

Energy Cities
2, Chemin de Palente
F-25000, Besancon (France)

I, the undersigned Mr. Simone Dallai, on behalf of the Municipality of Padova, hereby declare that we fully support the project "EUCityCalc", developed and coordinated by Energy Cities together with a variety of European cities and partners for the Horizon 2020 call "Supporting public authorities in driving the energy transition" (LC-SC3-EC-5-2020). The main objective of the EUCityCalc project is to support public authorities at local level in planning towards climate neutrality, by using the prospective modelling approach of the European City Calculator tool.

Meeting the objectives of the Paris Agreement and ensuring that Europe becomes the first climate-neutral continent by 2050, requires cities to be in the driving seat of the transition to a decarbonised, resilient and just society. The Municipaplity of Padova believes that EUCityCalc provides a powerful mechanism for enabling cities to take on the role as transition leaders in this regard, by supporting cities in developing and implementing scientifically robust, detailed and integrated transition pathways underpinned by a cross-sectoral and territorial approach to decarbonisation.

In this respect, the Municipality of Padova strongly recommends EUCityCalc as an extremely timely and valuable opportunity, as it empowers cities to translate their commitments to become climate-neutral into precise, tangible and overarching transition plans. We thereby confirm our interest in the project's results, our intention to support its dissemination activities, and further welcome opportunities for exchanging experiences.

Sincerely

Head of Environment and Territory Department
Mr. Simone Dallai

Documento firmato da:
DALLAI SIMONE
06.07.2020 10:51:03 CEST

Codice Fiscale 00644060287
Struttura Settore Ambiente e Territorio **Dirigente** Ing. Simone Dallai
Sede Informambiente – Uff. Agenda 21 via dei Salici 35 - 35124 Padova **Tel.** 049 8205021
Responsabile del procedimento Daniela Luise
mail informambiente@comune.padova.it, padova21@comune.padova.it - **PEC** ambiente@pec.comune.padova.it
Orario di apertura al pubblico martedì e giovedì ore 10:00 - 17:00 - mercoledì e venerdì 09:00 alle 13:00

UCSA
Ufficio Comune per la Sostenibilità Ambientale

Ufficio Comune per la Sostenibilità Ambientale
Città Metropolitana di Napoli
c/o Comune di Striano Via Municipio, 1– 80040–
PEC ucsa@pec.ucsa.eu e-mail: info@ucsa.eu

To:
Energy Cities
2 Chemin de Palente
F-25000 Besancon
France

Striano, 7 August 2020

Letter of Support

I, the undersigned Mayor Antonio Del Giudice, on behalf of UCSA Ufficio Comune per la Sostenibilità Ambientale – *Joint Office for Environmental Sustainability*, hereby declare that we fully support the project "EUCityCalc", developed and coordinated by Energy Cities together with a variety of European cities and partners for the Horizon 2020 call "Supporting public authorities in driving the energy transition" (LC-SC3-EC-5-2020). The main objective of the EUCityCalc project is to support public authorities at local level in planning towards climate neutrality, by using the prospective modelling approach of the European City Calculator tool.
Meeting the objectives of the Paris Agreement and ensuring that Europe becomes the first climate-neutral continent by 2050, requires cities to be in the driving seat of the transition to a decarbonised, resilient and just society. UCSA believes that EUCityCalc provides a powerful mechanism for enabling cities to take on the role as transition leaders in this regard, by supporting cities in developing and implementing scientifically robust, detailed and integrated transition pathways underpinned by a cross-sectoral and territorial approach to decarbonisation.

In this respect, UCSA strongly recommends EUCityCalc as an extremely timely and valuable opportunity, as it empowers cities to translate their commitments to become climate-neutral into precise, tangible and overarching transition plans. We thereby confirm our interest in the project's results, our intention to prop its dissemination activities, and further welcome opportunities for exchanging experiences.

Sincerely

Antonio Del Giudice
President of UCSA Conference of Mayors

COMUNE DI STRIANO
Prov. di Napoli

ville de
lille

LE MAIRE

HÔTEL DE VILLE
CS 30667
59033 LILLE cedex

A Lille, le 23 juillet 2020

Energy Cities
2 Chemin de Palente
F-25000 Besancon
France

Letter of Support

I, the undersigned Martine AUBRY, Mayor of Lille, hereby declare that we fully support the project "EUCityCalc", developed and coordinated by Energy Cities together with a variety of European cities and partners for the Horizon 2020 call "Supporting public authorities in driving the energy transition" (LC-SC3-EC-5-2020). The main objective of the EUCityCalc project is to support public authorities at local level in planning towards climate neutrality, by using the prospective modelling approach of the European City Calculator tool.

Meeting the objectives of the Paris Agreement and ensuring that Europe becomes the first climate-neutral continent by 2050, requires cities to be in the driving seat of the transition to a decarbonised, resilient and just society. Last year, the selection of Lille as a finalist of the "2021 European Green Capital Award" was seen as an encouragement to pursue the efforts made by the City to reach its commitments to the Covenant of Mayors and become a carbon-neutral city by 2050.

The City of Lille believes that EUCityCalc provides a powerful mechanism for enabling cities to take on the role as transition leaders in this regard, by supporting cities in developing and implementing scientifically robust, detailed and integrated transition pathways underpinned by a cross-sectoral and territorial approach to decarbonisation.

In this respect, City of Lille strongly recommends EUCityCalc as an extremely timely and valuable opportunity, as it empowers cities to translate their commitments to become climate-neutral into precise, tangible and overarching transition plans. We thereby confirm our interest in the project's results, our intention to support its dissemination activities, and further welcome opportunities for exchanging experiences.

City of Lille also wishes to be informed of progress and results of this H2020 project, in order to improve it's own climate-air-energy policy and to be able to use better monitoring and reporting tools about it.

Yours faithfully,

Martine AUBRY

RÉPUBLIQUE FRANÇAISE

LE MAIRE-PRESIDENT
N/REF. : FL-VC/20.009

ENERGY CITIES
2, chemin de Palente
25000 BESANCON

Epernay, le 29 juin 2020

Lettre de soutien

Je, soussigné, Franck LEROY, Maire d'Epernay et Président de la Communauté d'Agglomération Epernay Agglo Champagne, déclare que nous soutenons pleinement le projet «EUCityCalc», développé et coordonné par Energy Cities en collaboration avec diverses villes européennes et partenaires pour l'appel à projet Horizon 2020 "Accompagner les pouvoirs publics dans la transition énergétique" (LC-SC3-EC-5-2020). L'objectif principal du projet EUCityCalc est de soutenir les autorités publiques au niveau local dans la planification vers la neutralité climatique, en utilisant l'approche de modélisation prospective de l'outil European City Calculator.

Pour atteindre les objectifs de l'Accord de Paris et faire en sorte que l'Europe devienne le premier continent neutre sur le plan climatique d'ici 2050, les villes doivent être aux commandes de la transition vers une société décarbonée, résiliente et juste. La Ville d'Epernay et la Communauté d'Agglomération Epernay Agglo Champagne estiment que EUCityCalc fournit un mécanisme puissant pour permettre aux villes d'assumer le rôle de leaders de la transition à cet égard, en aidant les villes à développer et à mettre en œuvre des voies de transition scientifiquement robustes, détaillées et intégrées, soutenues par une approche sectorielle et territoriale de la décarbonisation.

À cet égard, la Ville d'Epernay et la Communauté d'Agglomération Epernay Agglo Champagne recommandent fortement EUCityCalc comme une opportunité précieuse, car elle permet aux villes de traduire leurs engagements à devenir climatiquement neutres en plans de transition précis et tangibles. Je confirme ainsi notre intérêt pour les résultats du projet, notre intention de soutenir ses activités de diffusion. Nous saluons également les opportunités d'échange d'expériences.

Franck LEROY
Maire d'Epernay
Président de la Communauté d'Agglomération
Epernay Agglo Champagne

Communauté d'Agglomération de La Rochelle

6 rue Saint-Michel

CS 41 287 – 17086 La Rochelle Cedex 02

To:

Energy Cities
2 Chemin de Palente
F-25000 Besancon
France

La Rochelle, Tuesday 23rd June 2020

Letter of Support

I, the undersigned Yann GUYOMARC'H, Deputy General Director, on behalf of the Communauté d'Agglomération de La Rochelle, hereby declare that we fully support the project "EUCityCalc", developed and coordinated by Energy Cities together with a variety of European cities and partners for the Horizon 2020 call "Supporting public authorities in driving the energy transition" (LC-SC3-EC-5-2020). The main objective of the EUCityCalc project is to support public authorities at local level in planning towards climate neutrality, by using the prospective modelling approach of the European City Calculator tool.

Meeting the objectives of the Paris Agreement and ensuring that Europe becomes the first climate-neutral continent by 2050, requires cities to be in the driving seat of the transition to a decarbonised, resilient and just society. The Communauté d'Agglomération de La Rochelle believes that EUCityCalc provides a powerful mechanism for enabling cities to take on the role as transition leaders in this regard, by supporting cities in developing and implementing scientifically robust, detailed and integrated transition pathways underpinned by a cross-sectoral and territorial approach to decarbonisation.

In this respect, Communauté d'Agglomération de La Rochelle strongly recommends EUCityCalc as an extremely timely and valuable opportunity, as it empowers cities to translate their commitments to become climate-neutral into precise, tangible and overarching transition plans. We thereby confirm our interest in the project's results, our intention to support its dissemination activities, and further welcome opportunities for exchanging experiences.

Sincerely,

Yann GUYOMARC'H

Deputy General Director

Communauté d'Agglomération de La Rochelle

Hôtel de la Communauté d'Agglomération
6 rue Saint-Michel
CS 41287
17086 La Rochelle
CEDEX 02

Tél. : 05 46 30 34 00
Fax : 05 46 30 34 09
www.agglo-larochelle.fr
accueil@agglo-larochelle.fr

Město Chodov

To:
Energy Cities
2 Chemin de Palente
F-25000 Besancon
France

Chodov, 12.5.2020

Letter of Support

I, the undersigned Pizinger Patrik, on behalf of Město Chodov, hereby declare that we fully support the project "EUCityCalc", developed and coordinated by Energy Cities together with a variety of European cities and partners for the Horizon 2020 call "Supporting public authorities in driving the energy transition" (LC-SC3-EC-5-2020). The main objective of the EUCityCalc project is to support public authorities at local level in planning towards climate neutrality, by using the prospective modelling approach of the European City Calculator tool.

Meeting the objectives of the Paris Agreement and ensuring that Europe becomes the first climate-neutral continent by 2050, requires cities to be in the driving seat of the transition to a decarbonised, resilient and just society. The Město Chodov believes that EUCityCalc provides a powerful mechanism for enabling cities to take on the role as transition leaders in this regard, by supporting cities in developing and implementing scientifically robust, detailed and integrated transition pathways underpinned by a cross-sectoral and territorial approach to decarbonisation.

In this respect, Město Chodov strongly recommends EUCityCalc as an extremely timely and valuable opportunity, as it empowers cities to translate their commitments to become climate-neutral into precise, tangible and overarching transition plans. We thereby confirm our interest in the project's results, our intention to support its dissemination activities, and further welcome opportunities for exchanging experiences.

Sincerely

MĚSTO CHODOV
Komenského 1077
357 35 Chodov

Patrik Pizinger, mayor

Město Chodov

Telefon: 352352241
Fax: 352352246
E-mail: starosta@mestochodov.cz

Adresa: Komenského 1077
357 35 Chodov

Město Rožnov pod Radhoštěm

Masarykovo náměstí 128
756 61 Rožnov pod Radhoštěm

Rožnov pod Radhoštěm, May 14th 2020

Energy Cities
2 Chemin de Palente
F-25000 Besancon
France

Letter of Support

I, the undersigned Ing. Radim Holiš, on behalf of City of Rožnov pod Radhoštěm, hereby declare that we fully support the project "EUCityCalc", developed and coordinated by Energy Cities together with a variety of European cities and partners for the Horizon 2020 call "Supporting public authorities in driving the energy transition" (LC-SC3-EC-5-2020). The main objective of the EUCityCalc project is to support public authorities at local level in planning towards climate neutrality, by using the prospective modelling approach of the European City Calculator tool.
Meeting the objectives of the Paris Agreement and ensuring that Europe becomes the first climate-neutral continent by 2050, requires cities to be in the driving seat of the transition to a decarbonised, resilient and just society. The City of Rožnov pod Radhoštěm believes that EUCityCalc provides a powerful mechanism for enabling cities to take on the role as transition leaders in this regard, by supporting cities in developing and implementing scientifically robust, detailed and integrated transition pathways underpinned by a cross-sectoral and territorial approach to decarbonisation.
In this respect, City of Rožnov pod Radhoštěm strongly recommends EUCityCalc as an extremely timely and valuable opportunity, as it empowers cities to translate their commitments to become climate-neutral into precise, tangible and overarching transition plans. We thereby confirm our interest in the project's results, our intention to support its dissemination activities, and further welcome opportunities for exchanging experiences.

Sincerely

Ing. Radim Holiš, mayor, City of Rožnov pod Radhoštěm

MĚSTO 6 ROŽNOV pod Radhoštěm

Město Tábor
Tajemník MěÚ Ing. Lubomír Šrámek

Město Tábor | Husovo náměstí 2938 | 390 02 Tábor

From:

Město Tábor

Žižkovo náměstí 2

390 01 Tábor

To:
Energy Cities
2 Chemin de Palente
F-25000 Besancon
France

Tábor, 25.5.2020

Letter of Support

I, the undersigned ing. Lubomír Šrámek on behalf of Město Tábor, hereby declare that we fully support the project "EUCityCalc", developed and coordinated by Energy Cities together with a variety of European cities and partners for the Horizon 2020 call "Supporting public authorities in driving the energy transition" (LC-SC3-EC-5-2020). The main objective of the EUCityCalc project is to support public authorities at local level in planning towards climate neutrality, by using the prospective modelling approach of the European City Calculator tool.
Meeting the objectives of the Paris Agreement and ensuring that Europe becomes the first climate-neutral continent by 2050, requires cities to be in the driving seat of the transition to a decarbonised, resilient and just society. Město Tábor believes that EUCityCalc provides a powerful mechanism for enabling cities to take on the role as transition leaders in this regard, by supporting cities in developing and implementing scientifically robust, detailed and integrated transition pathways underpinned by a cross-sectoral and territorial approach to decarbonisation.

In this respect, Město Tábor strongly recommends EUCityCalc as an extremely timely and valuable opportunity, as it empowers cities to translate their commitments to become climate-neutral into precise, tangible and overarching transition plans. We thereby confirm our interest in the project's results, our intention to support its dissemination activities, and further welcome opportunities for exchanging experiences.

Sincerely

Lubomír Šrámek, City Manager, municipal office, City of Tábor

Rua Cooperativa de Habitação da Sapec
Nº 18, Quintinha do Meio
2910-327 SETÚBAL

Telf. 265783016
Fax. 265793746
E-mail: geral@jf-sado.pt
URL: www.jf-sado.pt

Energy Cities
2 Chemin de Palente
F – 2500 Besancon
France

s/ referência:	Sua comunicação de:	Nossa referência: Ofº 606/2020	Data, 22/07/2020

Assunto: Letter of Support

I, the undersigned Manuel Paulino Galhanas Véstias dos Santos, on behalf of Junta de Freguesia do Sado, hereby declare that we fully support the project "EUCityCalc", developed and coordinated by Energy Cities together with a variety of European cities and partners for the Horizon 2020 call "Supporting public authorities in driving the energy transition" (LC-SC3-EC-5-2020). The main objective of the EUCityCalc project is to support public authorities at local level in planning towards climate neutrality, by using the prospective modelling approach of the European City Calculator tool.

Meeting the objectives of the Paris Agreement and ensuring that Europe becomes the first climate-neutral continent by 2050, requires cities to be in the driving seat of the transition to a decarbonised, resilient and just society. A Junta de Freguesia do Sado believes that EUCityCalc provides a powerful mechanism for enabling cities to take on the role as transition leaders in this regard, by supporting cities in developing and implementing scientifically robust, detailed and integrated transition pathways underpinned by a cross-sectoral and territorial approach to decarbonisation.

In this respect, a Junta de Freguesia do Sado strongly recommends EUCityCalc as an extremely timely and valuable opportunity, as it empowers cities to translate their commitments to become climate-neutral into precise, tangible and overarching transition plans. We thereby confirm our interest in the project's results, our intention to support its dissemination activities, and further welcome opportunities for exchanging experiences.

Sincerely

The President

MANUEL PAULINO G. VÉSTIAS DOS SANTOS

S. SEBASTIÃO
FREGUESIA DU BOCAGE

Área de Apoio Geral
Tel. 265 719 520 ext 10/11 • geral@jfsu.pt

To:
Energy Cities
2 Chemin de Palente
F-25000 Besancon
France

Setúbal, 20 - 07 - 2020

Letter of Support

I, the undersigned Dr. Nuno Costa, on behalf of Junta de Freguesia de São Sebastião.hereby declare that we fully support the project "EUCityCalc", developed and coordinated by Energy Cities together with a variety of European cities and partners for the Horizon 2020 call "Supporting public authorities in driving the energy transition" (LC-SC3-EC-5-2020). The main objective of the EUCityCalc project is to support public authorities at local level in planning towards climate neutrality, by using the prospective modelling approach of the European City Calculator tool.

Meeting the objectives of the Paris Agreement and ensuring that Europe becomes the first climate-neutral continent by 2050, requires cities to be in the driving seat of the transition to a decarbonised, resilient and just society. The Junta de Freguesia de São Sebastião believes that EUCityCalc provides a powerful mechanism for enabling cities to take on the role as transition leaders in this regard, by supporting cities in developing and implementing scientifically robust, detailed and integrated transition pathways underpinned by a cross-sectoral and territorial approach to decarbonisation.

In this respect, Junta de Freguesia de São Sebastião strongly recommends EUCityCalc as an extremely timely and valuable opportunity, as it empowers cities to translate their commitments to become climate-neutral into precise, tangible and overarching transition plans. We thereby confirm our interest in the project's results, our intention to support its dissemination activities, and further welcome opportunities for exchanging experiences.

Sincerely

Nuno Miguel Rodrigues Costa,

President,

Junta de Freguesia de São Sebastião

SETÚBAL - S. SEBASTIÃO

Junta de Freguesia de S. Sebastião · Largo Marivel de Luz Graça, Nº 5 - A • 2910-501 Setúbal
Tel.: 265 719 520 • Fax 265 741 483 • www.jfss.pt • E-mail: geral@jfss.pt

FREGUESIA DE PINHAL NOVO

Exmos. Senhores
Energy Cities
2 Chemin de Palente
F-25000 Besancon
France

V/ REF.: S/ COMUNICAÇÃO DE: N/ REF.: 539 | 2020 DATA 14.07.2020

ASSUNTO: Letter of suport

I, the undersigned, Manuel Joaquim Fernandes Lagarto, President of Junta de Freguesia de Pinhal Novo, on behalf of Junta de Freguesia de Pinhal Novo, hereby declare that we fully support the project "EUCityCalc", developed and coordinated by Energy Cities together with a variety of European cities and partners for the Horizon 2020 call "Supporting public authorities in driving the energy transition" (LC-SC3-EC-5-2020). The main objective of the EUCityCalc project is to support public authorities at local level in planning towards climate neutrality, by using the prospective modelling approach of the European City Calculator tool.

Meeting the objectives of the Paris Agreement and ensuring that Europe becomes the first climate-neutral continent by 2050, requires cities to be in the driving seat of the transition to a decarbonised, resilient and just society. The Junta de Freguesia de Pinhal Novo believes that EUCityCalc provides a powerful mechanism for enabling cities to take on the role as transition leaders in this regard, by supporting cities in developing and implementing scientifically robust, detailed and integrated transition pathways underpinned by a cross-sectoral and territorial approach to decarbonisation.

In this respect, Junta de Freguesia de Pinhal Novo strongly recommends EUCityCalc as an extremely timely and valuable opportunity, as it empowers cities to translate their commitments to become climate-neutral into precise, tangible and overarching transition plans. We thereby confirm our interest in the project's results, our intention to support its dissemination activities, and further welcome opportunities for exchanging experiences.

Sincerely

O Presidente da Junta de Freguesia

Manuel Joaquim Fernandes Lagarto

Av. da Liberdade, 44 . 2955-114 Pinhal Novo . Tel. 21 2360503 – 21 2380351 . Fax. 212383933
e-mail: geral@jfpinhalnovo.pt – Website: http://www.juntapinhalnovo.pt

a. . .
. .m. área metropolitana
. l. . de lisboa

Letter of **Institutional Endorsement**
EUCityCalc project proposal
Horizon 2020 LC-SC3-EC-5-2020
"Prospective modelling for climate neutral cities"

On behalf of **Área Metropolitana de Lisboa_AML** (Lisbon Metropolitan Area), we wish to express our endorsement to "**EUCityCalc**: **Prospective modelling for climate neutral cities**", a project proposal under Horizon 2020, EE-16 "Supporting public authorities in driving the energy transition" for 2020.

Our metropolitan Area represents 18 municipalities with more than 2.8 M habitants and planning towards climate neutrality is one of our priorities for the next decade and will be paramount to our metropolitan area sustainable development.

"**EUCityCalc**" aims to support public authorities at local level in planning towards climate neutrality, by using the prospective modelling approach of the European City Calculator tool. Therefore, our objectives are complementary and will allow for important synergies to be created and maximized.

Meeting the objectives of the Paris Agreement and ensuring that Europe becomes the first climate-neutral continent by 2050, requires cities to be in the driving seat of the transition to a decarbonised, resilient and just society. **AML** believes that **EUCityCalc** provides a powerful mechanism for enabling cities to take on the role as transition leaders in this regard, by supporting cities in developing and implementing scientifically robust, detailed and integrated transition pathways underpinned by a cross-sectoral and territorial approach to decarbonisation.

In this respect, **AML** strongly recommends **EUCityCalc** as an extremely timely and valuable opportunity, as it empowers cities, particularly 3 cities from our metropolitan area, to translate their commitments to become climate-neutral into precise, tangible and overarching transition plans.

We thereby confirm our interest in the project's results, our intention to support its dissemination activities, and further welcome opportunities for exchanging experiences, as we will consider all possibilities for implementation of this modelling through our policy instruments and in our jurisdiction area.

Lisbon, July 27th 2020

29-07-2020

Carlos Humberto de Carvalho
First Metropolitan Secretary

Rua Cruz de Santa Apolónia, 23, 25, 25A.
1100-187 Lisboa
Tel: (+351) 218 428 570
Fax: (+351) 218 428 577
amlcorreio@aml.pt
www.aml.pt

P—2

União das Freguesias de Poceirão e Marateca

Rua Luis de Camões, 12

2965-314 Poceirão

To:
Energy Cities
2 Chemin de Palente
F-25000 Besancon
France

Poceirão, 01 de Julho de 2020

Letter of Support

I, the undersigned President da Junta, Cecilia Sousa, on behalf of União das Freguesias de Poceirão e Marateca, hereby declare that we fully support the project "EUCityCalc", developed and coordinated by Energy Cities together with a variety of European cities and partners for the Horizon 2020 call "Supporting public authorities in driving the energy transition" (LC-SC3-EC-5-2020). The main objective of the EUCityCalc project is to support public authorities at local level in planning towards climate neutrality, by using the prospective modelling approach of the European City Calculator tool.

Meeting the objectives of the Paris Agreement and ensuring that Europe becomes the first climate-neutral continent by 2050, requires cities to be in the driving seat of the transition to a decarbonised, resilient and just society. The União das Freguesias de Poceirão e Marateca believes that EUCityCalc provides a powerful mechanism for enabling cities to take on the role as transition leaders in this regard, by supporting cities in developing and implementing scientifically robust, detailed and integrated transition pathways underpinned by a cross-sectoral and territorial approach to decarbonisation.

In this respect, União das Freguesias de Poceirão e Marateca strongly recommends EUCityCalc as an extremely timely and valuable opportunity, as it empowers cities to translate their commitments to become climate-neutral into precise, tangible and overarching transition plans. We thereby confirm our interest in the project's results, our intention to support its dissemination activities, and further welcome opportunities for exchanging experiences.

Sincerely

Cecilia Sousa

President da Junta, Cecilia Sousa,

União das Freguesias de Poceirão e Marateca

REPUBLIKA HRVATSKA
KARLOVAČKA ŽUPANIJA

GRAD KARLOVAC

GRADONAČELNIK

To:
Energy Cities
2 Chemin de Palente
F-25000 Besancon
France

Karlovac, 27th May 2020

Letter of Support

I, the undersigned Mayor Damir Mandić, on behalf of City of Karlovac, hereby declare that we fully support the project "EUCityCalc", developed and coordinated by Energy Cities together with a variety of European cities and partners for the Horizon 2020 call "Supporting public authorities in driving the energy transition" (LC-SC3-EC-5-2020). The main objective of the EUCityCalc project is to support public authorities at local level in planning towards climate neutrality, by using the prospective modelling approach of the European City Calculator tool. Meeting the objectives of the Paris Agreement and ensuring that Europe becomes the first climate-neutral continent by 2050, requires cities to be in the driving seat of the transition to a decarbonised, resilient and just society. The City of Karlovac believes that EUCityCalc provides a powerful mechanism for enabling cities to take on the role as transition leaders in this regard, by supporting cities in developing and implementing scientifically robust, detailed and integrated transition pathways underpinned by a cross-sectoral and territorial approach to decarbonisation.

In this respect, the City of Karlovac strongly recommends EUCityCalc as an extremely timely and valuable opportunity, as it empowers cities to translate their commitments to become climate-neutral into precise, tangible and overarching transition plans. We thereby confirm our interest in the project's results, our intention to support its dissemination activities, and further welcome opportunities for exchanging experiences.

Sincerely,

Damir Mandić, Bth, Mayor, City of Karlovac

REPUBLIKA HRVATSKA
ISTARSKA ŽUPANIJA
GRAD POREČ-PARENZO
CITTA DI POREČ-PARENZO
52440 Poreč, O.m. Tita 5, P.P. 163
Tel.052 / 451-099, fax. 052 / 451-198

KLASA :
URBROJ :

To:
Energy Cities
2 Chemin de Palente
F-25000 Besancon
France

Poreč – Parenzo, May, 26th 2020.

Letter of Support

I, the undersigned, deputy Mayor of Town of Poreč – Parenzo, Mr. Elio Štifanić, on behalf of Town of Poreč - Parenzo, hereby declare that we fully support the project "EUCityCalc", developed and coordinated by Energy Cities together with a variety of European cities and partners for the Horizon 2020 call "Supporting public authorities in driving the energy transition" (LC-SC3-EC-5-2020). The main objective of the EUCityCalc project is to support public authorities at local level in planning towards climate neutrality, by using the prospective modelling approach of the European City Calculator tool.

Meeting the objectives of the Paris Agreement and ensuring that Europe becomes the first climate-neutral continent by 2050, requires cities to be in the driving seat of the transition to a decarbonised, resilient and just society. The Town of Poreč - Parenzo believes that EUCityCalc provides a powerful mechanism for enabling cities to take on the role as transition leaders in this regard, by supporting cities in developing and implementing scientifically robust, detailed and integrated transition pathways underpinned by a cross-sectoral and territorial approach to decarbonisation.

In this respect, Town of Poreč - Parenzo strongly recommends EUCityCalc as an extremely timely and valuable opportunity, as it empowers cities to translate their commitments to become climate-neutral into precise, tangible and overarching transition plans. We thereby confirm our interest in the project's results, our intention to support its dissemination activities, and further welcome opportunities for exchanging experiences.

Sincerely,

Mr. Elio Štifanić
Deputy Mayor
Town of Poreč – Parenzo

REPUBLIKA HRVATSKA
OSJEČKO-BARANJSKA ŽUPANIJA
GRAD ĐAKOVO
GRADONAČELNIK
KLASA: 351-01/19-01/3
URBROJ: 2121/01-01/04-20-26
Đakovo, 27. srpnja 2020.g.

To:
Energy Cities
2 Chemin de Palente
F-25000 Besancon
France

Đakovo, 27.7.2020.

Letter of Support

I, the undersigned Mayor, Marin Mandarić on behalf of City of Đakovo, hereby declare that we fully support the project "EUCityCalc", developed and coordinated by Energy Cities together with a variety of European cities and partners for the Horizon 2020 call "Supporting public authorities in driving the energy transition" (LC-SC3-EC-5-2020). The main objective of the EUCityCalc project is to support public authorities at local level in planning towards climate neutrality, by using the prospective modelling approach of the European City Calculator tool.

Meeting the objectives of the Paris Agreement and ensuring that Europe becomes the first climate-neutral continent by 2050, requires cities to be in the driving seat of the transition to a decarbonised, resilient and just society. The City of Đakovo believes that EUCityCalc provides a powerful mechanism for enabling cities to take on the role as transition leaders in this regard, by supporting cities in developing and implementing scientifically robust, detailed and integrated transition pathways underpinned by a cross-sectoral and territorial approach to decarbonisation.

In this respect, City of Đakovo strongly recommends EUCityCalc as an extremely timely and valuable opportunity, as it empowers cities to translate their commitments to become climate-neutral into precise, tangible and overarching transition plans. We thereby confirm our interest in the project's results, our intention to support its dissemination activities, and further welcome opportunities for exchanging experiences.

REPUBLIKA HRVATSKA GRAD ĐAKOVO 3 GRADONAČELNIK OSJEČKO-BARANJSKA ŽUPANIJA

Sincerely,

Marin Mandarić, Mayor City of Đakovo

Republic of Croatia

Koprivnica-Križevci County

City of Križevci

Mayor

KLASA: 022-01/20-01/0004

URBROJ: 2137/02-01/13-20-1

Energy Cities
2 Chemin de Palente
F-25000 Besancon

France

14th July 2020., Križevci

Subject: Letter of Support

I, the undersigned Mayor, Mario Rajn, on behalf of City of Križevci hereby declare that we fully support the project "EUCityCalc", developed and coordinated by Energy Cities together with a variety of European cities and partners for the Horizon 2020 call "Supporting public authorities in driving the energy transition" (LC-SC3-EC-5-2020). The main objective of the EUCityCalc project is to support public authorities at local level in planning towards climate neutrality, by using the prospective modelling approach of the European City Calculator tool.

Meeting the objectives of the Paris Agreement and ensuring that Europe becomes the first climate-neutral continent by 2050, requires cities to be in the driving seat of the transition to a decarbonised, resilient and just society. The City of Križevci believes that EUCityCalc provides a powerful mechanism for enabling cities to take on the role as transition leaders in this regard, by supporting cities in developing and implementing scientifically robust, detailed and integrated transition pathways underpinned by a cross-sectoral and territorial approach to decarbonisation.

In this respect, City of Križevci strongly recommends EUCityCalc as an extremely timely and valuable opportunity, as it empowers cities to translate their commitments to become climate-neutral into precise, tangible and overarching transition plans. We thereby confirm our interest in the project's results, our intention to support its dissemination activities, and further welcome opportunities for exchanging experiences.

Sincerely

Mario Rajn, Mayor of City of Križevci

REPUBLIKA HRVATSKA
VARAŽDINSKA ŽUPANIJA
GRAD LUDBREG
GRADONAČELNIK
KLASA:022-05/20-01/01
URBROJ:2186/18-01/1-20-14
Ludbreg, 23. srpnja 2020.

Energy Cities
2 Chemin de Palente
F-25000 Besancon
France

Letter of Support

I, the undersigned Mayor Dubravko Bilić on behalf of Town Ludbreg (Grad Ludbreg) hereby declare that we fully support the project "EUCityCalc", developed and coordinated by Energy Cities together with a variety of European cities and partners for the Horizon 2020 call "Supporting public authorities in driving the energy transition" (LC-SC3-EC-5-2020). The main objective of the EUCityCalc project is to support public authorities at local level in planning towards climate neutrality, by using the prospective modelling approach of the European City Calculator tool.

Meeting the objectives of the Paris Agreement and ensuring that Europe becomes the first climate-neutral continent by 2050, requires cities to be in the driving seat of the transition to a decarbonised, resilient and just society. The Town Ludbreg (Grad Ludbreg) believes that EUCityCalc provides a powerful mechanism for enabling cities to take on the role as transition leaders in this regard, by supporting cities in developing and implementing scientifically robust, detailed and integrated transition pathways underpinned by a cross-sectoral and territorial approach to decarbonisation.

In this respect,Town Ludbreg (Grad Ludbreg) strongly recommends EUCityCalc as an extremely timely and valuable opportunity, as it empowers cities to translate their commitments to become climate-neutral into precise, tangible and overarching transition plans. We thereby confirm our interest in the project's results, our intention to support its dissemination activities, and further welcome opportunities for exchanging experiences.

Sincerely,

Mayor of
Town Ludbreg
Dubravko Bilić

REPUBLIKA HRVATSKA
PRIMORSKO-GORANSKA ŽUPANIJA

OPĆINA MATULJI

KLASA: 302-01/20-01/0006
URBROJ: 2156/04-03-01/5-20-0003
Matulji, 15.7.2020.

Energy Cities
2 Chemin de Palente
F-25000 Besancon
France

Letter of Support

I, the undersigned Municipal Mayor Mario Ćiković, on behalf of Municipality of Matulji, hereby declare that we fully support the project "EUCityCalc", developed and coordinated by Energy Cities together with a variety of European cities and partners for the Horizon 2020 call "Supporting public authorities in driving the energy transition" (LC-SC3-EC-5-2020). The main objective of the EUCityCalc project is to support public authorities at local level in planning towards climate neutrality, by using the prospective modelling approach of the European City Calculator tool.
Meeting the objectives of the Paris Agreement and ensuring that Europe becomes the first climate-neutral continent by 2050, requires cities to be in the driving seat of the transition to a decarbonised, resilient and just society. The Municipality of Matulji believes that EUCityCalc provides a powerful mechanism for enabling cities to take on the role as transition leaders in this regard, by supporting cities in developing and implementing scientifically robust, detailed and integrated transition pathways underpinned by a cross-sectoral and territorial approach to decarbonisation.

In this respect, Municipality of Matulji strongly recommends EUCityCalc as an extremely timely and valuable opportunity, as it empowers cities to translate their commitments to become climate-neutral into precise, tangible and overarching transition plans. We thereby confirm our interest in the project's results, our intention to support its dissemination activities, and further welcome opportunities for exchanging experiences.

Sincerely

Mario Ćiković, Municipal Mayor
Municipality of Matulji

Ajuntament de Granollers
Medi Ambient i Espais Verds

Àrea de Territori
i Sostenibilitat

C. Sant Jaume, 16-26, 5è, despatx 501
Tel. 93 860 32 06
08401 Granollers
mediambientespaisverds@granollers.cat

NIF P-0809500-B

Environment and Green Areas Departament
City Council of Granollers
Sant Jaume st. , 16-26. 08401 Granollers
Spain

To:
Energy Cities
2 Chemin de Palente
F-25000 Besancon
France

Granollers, 2nd July 2020

Letter of Support

I, the undersigned Mr. Quim Comas, chief of Environmental and Green Areas Department, on behalf of City Council of Granollers, hereby declare that we fully support the project "EUCityCalc", developed and coordinated by Energy Cities together with a variety of European cities and partners for the Horizon 2020 call "Supporting public authorities in driving the energy transition" (LC-SC3-EC-5-2020). The main objective of the EUCityCalc project is to support public authorities at local level in planning towards climate neutrality, by using the prospective modelling approach of the European City Calculator tool.

Meeting the objectives of the Paris Agreement and ensuring that Europe becomes the first climate-neutral continent by 2050, requires cities to be in the driving seat of the transition to a decarbonised, resilient and just society. The City Council of Granollers believes that EUCityCalc provides a powerful mechanism for enabling cities to take on the role as transition leaders in this regard, by supporting cities in developing and implementing scientifically robust, detailed and integrated transition pathways underpinned by a cross-sectoral and territorial approach to decarbonisation.

In this respect, City Council of Granollers strongly recommends EUCityCalc as an extremely timely and valuable opportunity, as it empowers cities to translate their commitments to become climate-neutral into precise, tangible and overarching transition plans. We thereby confirm our interest in the project's results, our intention to support its dissemination activities, and further welcome opportunities for exchanging experiences.

Sincerely

Mr. Quim Comas, chief of Environmental and Green Areas Department of City Council of Granollers

QUIM COMAS ESTANY Signat digitalment per QUIM COMAS ESTANY
Data: 2020.07.02 14:02:12 +02'00'

AGENDA2030 GRANOLLERS
Objectius de Desenvolupament Sostenible

AJUNTAMENT DE VALÈNCIA
REGIDORIA D'EMERGÈNCIA CLIMÀTICA
I TRANSICIÓ ENERGÈTICA

Letter of Support
H2020 PROPOSAL EUCITYCALC

I, the undersigned Councilor for Climate Emergency and Energy Transition, on behalf of the València City Council, hereby declare that we fully support the project "EUCityCalc", developed and coordinated by Energy Cities together with a variety of European cities and partners for the Horizon 2020 call "Supporting public authorities in driving the energy transition" (LC-SC3-EC-5-2020). The main objective of the EUCityCalc project is to support public authorities at local level in planning towards climate neutrality, by using the prospective modelling approach of the European City Calculator tool.

Meeting the objectives of the Paris Agreement and ensuring that Europe becomes the first climate-neutral continent by 2050, requires cities to be in the driving seat of the transition to a decarbonised, resilient and just society. The València City Council believes that EUCityCalc provides a powerful mechanism for enabling cities to take on the role as transition leaders in this regard, by supporting cities in developing and implementing scientifically robust, detailed and integrated transition pathways underpinned by a cross-sectoral and territorial approach to decarbonisation.

In this respect, the València City Council strongly recommends EUCityCalc as an extremely timely and valuable opportunity, as it empowers cities to translate their commitments to become climate-neutral into precise, tangible and overarching transition plans. We thereby confirm our interest in the project's results, our intention to support its dissemination activities, and further welcome opportunities for exchanging experiences.

Yours sincerely,

Alejandro Ramón Álvarez
COUNCILOR FOR CLIMATE EMERGENCY AND ENERGY TRANSITION
VALENCIA CITY COUNCIL

Signat electrònicament per:

Antefirma	Nom	Data	Emissor cert	Núm. sèrie cert
REGIDOR-DELEGAT - DELEGACIÓ D'EMERGÈNCIA CLIMÀTICA I TRANSICIÓ ENERGÈTICA	ALEJANDRO RAMON ALVAREZ	07/07/2020	ACCVCA-120	42169329619457473576 648764412363786529

BISTRIȚA
Poarta Transilvaniei

PRIMĂRIA MUNICIPIULUI BISTRIȚA
420040 - Bistrița, Piața Centrală, nr. 6, BN
e-mail: primaria@primariabistrita.ro
http://www.primariabistrita.ro
telefonul cetățeanului 0800 0800 33
telefon 0263-223923, 224706, fax 0263-231046

To:
Energy Cities
2 Chemin de Palente
F-25000 Besancon
France

Bistrita, 27th of May 2020

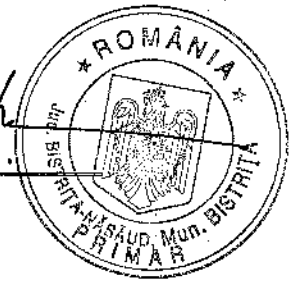
Letter of Support

I, the undersigned Ovidiu Teodor CRETU, Mayor, on behalf of Bistrita Municipality, hereby declare that we fully support the project "EUCityCalc", developed and coordinated by Energy Cities together with a variety of European cities and partners for the Horizon 2020 call "Supporting public authorities in driving the energy transition" (LC-SC3-EC-5-2020). The main objective of the EUCityCalc project is to support public authorities at local level in planning towards climate neutrality, by using the prospective modelling approach of the European City Calculator tool.

Meeting the objectives of the Paris Agreement and ensuring that Europe becomes the first climate-neutral continent by 2050, requires cities to be in the driving seat of the transition to a decarbonised, resilient and just society. The Bistrita Municipality believes that EUCityCalc provides a powerful mechanism for enabling cities to take on the role as transition leaders in this regard, by supporting cities in developing and implementing scientifically robust, detailed and integrated transition pathways underpinned by a cross-sectoral and territorial approach to decarbonisation.

In this respect, Bistrita Municipality strongly recommends EUCityCalc as an extremely timely and valuable opportunity, as it empowers cities to translate their commitments to become climate-neutral into precise, tangible and overarching transition plans. We thereby confirm our interest in the project's results, our intention to support its dissemination activities, and further welcome opportunities for exchanging experiences.

Sincerely



Ovidiu Teodor CRETU

Mayor

Bistrita Municipality

ROMANIA
TIMIŞ COUNTY
TIMIŞOARA MUNICIPALITY
MAYOR
CDM2020 - 12288/26.05.2020.

2021 Timişoara 2021 European Capital of Culture

B-dul C. D. Loga nr.1, 300030 Timişoara, Tel/fax: \40 256 490635, e-mail: primariatm@primariatm.ro internet: www.primariatm.ro

To:
ENERGY CITIES
2 Chemin de Palente
F-25000 Besancon
France

Timişoara, May 26, 2020

LETTER OF SUPPORT

I, the undersigned Nicolae ROBU, on behalf of the MUNICIPALITY OF TIMIŞOARA, hereby declare that we fully support the project "EUCityCalc", developed and coordinated by Energy Cities together with a variety of European cities and partners for the Horizon 2020 call "Supporting public authorities in driving the energy transition" (LC-SC3-EC-5-2020). The main objective of the EUCityCalc project is to support public authorities at local level in planning towards climate neutrality, by using the prospective modelling approach of the European City Calculator tool.

Meeting the objectives of the Paris Agreement and ensuring that Europe becomes the first climate-neutral continent by 2050, requires cities to be in the driving seat of the transition to a decarbonised, resilient and just society. The MUNICIPALITY OF TIMIŞOARA believes that EUCityCalc provides a powerful mechanism for enabling cities to take on the role as transition leaders in this regard, by supporting cities in developing and implementing scientifically robust, detailed and integrated transition pathways underpinned by a cross-sectoral and territorial approach to decarbonisation.

In this respect, the MUNICIPALITY OF TIMIŞOARA strongly recommends EUCityCalc as an extremely timely and valuable opportunity, as it empowers cities to translate their commitments to become climate-neutral into precise, tangible and overarching transition plans. We thereby confirm our interest in the project's results, our intention to support its dissemination activities, and further welcome opportunities for exchanging experiences.

Yours sincerely,

Nicolae ROBU
Mayor of Timişoara
MUNICIPALITY OF TIMIŞOARA

BUDAPEST

Municipality of Budapest | Mayor's Office
Climate Department

Municipality of Budapest
H-1052 Budapest,
Városház u. 9-11.

To:
Energy Cities
2 Chemin de Palente
F-25000 Besancon
France

Budapest, 29.05.2020

Letter of Support

I, the undersigned Ms. Ada Ámon, on behalf of the Municipality of Budapest, hereby declare our support to the project "EUCityCalc", developed and coordinated by Energy Cities together with a variety of European cities and partners for the Horizon 2020 call "Supporting public authorities in driving the energy transition" (LC-SC3-EC-5-2020). The main objective of the EUCityCalc project is to support public authorities at local level in planning towards climate neutrality, by using the prospective modelling approach of the European City Calculator tool.

Meeting the objectives of the Paris Agreement and ensuring that Europe becomes the first climate-neutral continent by 2050, requires cities to be in the driving seat of the transition to a decarbonised, resilient and just society. The Municipality of Budapest believes that EUCityCalc provides a powerful mechanism for enabling cities to take on the role as transition leaders in this regard, by supporting cities in developing and implementing scientifically robust, detailed and integrated transition pathways underpinned by a cross-sectoral and territorial approach to decarbonisation.

In this respect the Municipality of Budapest strongly recommends EUCityCalc as an extremely timely and valuable opportunity, as it empowers cities to translate their commitments to become climate-neutral into precise, tangible and overarching transition plans. We thereby confirm our interest in the project's results, our intention to support the project according to our capacities, and further welcome opportunities for exchanging experiences.

Yours sincerely

Ada Ámon
Head of the Climate Department
The Mayor's Office

ΕΛΛΗΝΙΚΗ ΔΗΜΟΚΡΑΤΙΑ
ΔΗΜΟΣ ΗΓΟΥΜΕΝΙΤΣΑΣ

Municipality of Igoumenitsa
Souliou 3
46100 Igoumenitsa
Greece
Tel. 00302665361101
Fax 00302665026067

Igoumenitsa, 26.05.2020

To
Energy Cities
2 Chemin de Palente
F – 25000 Besancon
France

Letter of Support

I, the undersigned Mayor of Igoumenitsa, Ioannis Lolos, on behalf of the Municipality of Igoumenitsa, hereby declare that we fully support the project "EUCityCalc", developed and coordinated by Energy Cities together with a variety of European cities and partners for the Horizon 2020 call "Supporting public authorities in driving the energy transition" (LC-SC3-EC-5-2020). The main objective of the EUCityCalc project is to support public authorities at local level in planning towards climate neutrality, by using the prospective modelling approach of the European City Calculator tool.
Meeting the objectives of the Paris Agreement and ensuring that Europe becomes the first climate-neutral continent by 2050, requires cities to be in the driving seat of the transition to a decarbonised, resilient and just society. The Municipality of Igoumenitsa believes that EUCityCalc provides a powerful mechanism for enabling cities to take on the role as transition leaders in this regard, by supporting cities in developing and implementing scientifically robust, detailed and integrated transition pathways underpinned by a cross-sectoral and territorial approach to decarbonisation.

In this respect, the Municipality of Igoumenitsa strongly recommends EUCityCalc as an extremely timely and valuable opportunity, as it empowers cities to translate their commitments to become climate-neutral into precise, tangible and overarching transition plans. We thereby confirm our interest in the project's results, our intention to support its dissemination activities, and further welcome opportunities for exchanging experiences.

Sincerely
Ioannis Lolos

Mayor of the
Municipality of Igoumenitsa

HELLENIC REPUBLIC
PREFECTURE OF RODOPI
MUNICIPALITY OF KOMOTINI
Mayors Office
VIZYINOU SQUARE 1
691 32 KOMOTINI
information: Mr Gartsonis Dimitrios
Τηλ.: +30 2531082177
e-mail: gdkomot@otenet.gr

Komotini, 26-05-2020

To

Energy Cities
2 Chemin de Palente
F-25000 Besancon
France 8 &

Letter of Support

I, the undersigned Mayor Ioannis Gkaranis on behalf of Komotini Municipality, hereby declare that we fully support the project "EUCityCalc", developed and coordinated by Energy Cities together with a variety of European cities and partners for the Horizon 2020 call "Supporting public authorities in driving the energy transition" (LC-SC3-EC-5-2020). The main objective of the EUCityCalc project is to support public authorities at local level in planning towards climate neutrality, by using the prospective modelling approach of the European City Calculator tool.

Meeting the objectives of the Paris Agreement and ensuring that Europe becomes the first climate-neutral continent by 2050, requires cities to be in the driving seat of the transition to a decarbonised, resilient and just society. The Komotini Municipality believes that EUCityCalc provides a powerful mechanism for enabling cities to take on the role as transition leaders in this regard, by supporting cities in developing and implementing scientifically robust, detailed and integrated transition pathways underpinned by a cross-sectoral and territorial approach to decarbonisation.

In this respect, Komotini Municipality strongly recommends EUCityCalc as an extremely timely and valuable opportunity, as it empowers cities to translate their commitments to become climate-neutral into precise, tangible and overarching transition plans. We thereby confirm our interest in the project's results, our intention to support its dissemination activities, and further welcome opportunities for exchanging experiences.

Sincerely

IOANNIS GKARANIS
Mayor of Komotini municipality

Energy Cities
2 Chemin de Palente
F-25000 Besancon
France

Strategic Planning & Infrastructure
Department for Place
Plymouth City Council
Ballard House
Plymouth
PL1 3BJ

T 01752 307721
E daniel.forster@plymouth.gov.uk
www.plymouth.gov.uk

Please ask for: Paul Barnard

Date 29th July 2020

To Whom It May Concern,

I, the undersigned, Paul Barnard, on behalf of Plymouth City Council, hereby declare that we fully support the project "EUCityCalc", developed and coordinated by Energy Cities together with a variety of European cities and partners for the Horizon 2020 call "Supporting public authorities in driving the energy transition" (LC-SC3-EC-5-2020). We understand that the main objective of the EUCityCalc project is to support public authorities at local level in planning towards climate neutrality, by using the prospective modelling approach of the European City Calculator tool.

Meeting the objectives of the Paris Agreement and ensuring that Europe becomes the first climate-neutral continent by 2050, requires cities to be in the driving seat of the transition to a decarbonised, resilient and just society. Plymouth City Council had declared a Climate Emergency and believes that EUCityCalc provides a powerful mechanism for enabling cities to take on the role as transition leaders in this regard, by supporting cities in developing and implementing scientifically robust, detailed and integrated transition pathways underpinned by a cross-sectoral and territorial approach to decarbonisation. EUCityCalc would enable Plymouth City Council to refine and improve its Climate Emergency Action Plan.

In this respect, Plymouth City Council strongly recommends EUCityCalc as an extremely timely and valuable opportunity, as it empowers cities to translate their commitments to become climate-neutral into precise, tangible and overarching transition plans. We thereby confirm our interest in the project's results.

Yours sincerely

Paul Barnard
Service Director for Strategic Planning and Infrastructure
Plymouth City Council

ZREA
ZEMGALES REĢIONĀLĀ ENERĢĒTIKAS AĢENTŪRA

Biedrība „Zemgales reģionālā enerģētikas aģentūra", Reģ. Nr. 40008134764, Juridiskā adrese: Lielā iela 11, Jelgava, LV-3001; Faktiskā adrese: Pulkveža Brieža iela 26, Jelgava, LV-3007, tel. +371 63080205; E-pasts: zrea@zrea.lv, www.zrea.lv

Society "Zemgale regional energy agency"
Liela iela 11, Jelgava, LV-3001
Latvia

To:
Energy Cities
2 Chemin de Palente
F-25000 Besancon
France

Jelgava, 11/08/2020
Ref. No. 1.3/09

Letter of Support

I, the undersigned acting for Director, Signe Martinkrista, on behalf of Society "Zemgale Regional Energy Agency" (ZREA), hereby declare that we fully support the project "EUCityCalc", developed and coordinated by Energy Cities together with a variety of European cities and partners for the Horizon 2020 call "Supporting public authorities in driving the energy transition" (LC-SC3-EC-5-2020). The main objective of the EUCityCalc project is to support public authorities at local level in planning towards climate neutrality, by using the prospective modelling approach of the European City Calculator tool.

Meeting the objectives of the Paris Agreement and ensuring that Europe becomes the first climate-neutral continent by 2050, requires cities to be in the driving seat of the transition to a decarbonised, resilient and just society. ZREA believes that EUCityCalc provides a powerful mechanism for enabling cities to take on the role as transition leaders in this regard, by supporting cities in developing and implementing scientifically robust, detailed and integrated transition pathways underpinned by a cross-sectoral and territorial approach to decarbonisation.

In this respect, ZREA strongly recommends EUCityCalc as an extremely timely and valuable opportunity, as it empowers cities to translate their commitments to become climate-neutral into precise, tangible and overarching transition plans. We thereby confirm our interest in the project's results, our intention to support its dissemination activities, and further welcome opportunities for exchanging experiences.

Sincerely,

Signe Martinkrista
Acting for Director
Zemgale Regional Energy agency, Latvia

AGENEAL, Local Energy Management Agency of Almada
Rua Bernardo Francisco da Costa, 44 2800-029 Almada

To:
Energy Cities
2 Chemin de Palente
F-25000 Besancon
France

Almada, 09/07/2020

Letter of Commitment

I, the undersigned Eng. Catarina Freitas, on behalf of AGENEAL, Local Energy Management Agency of Almada, hereby declare that our city fully supports the project "EUCityCalc", developed and coordinated by Energy Cities together with a variety of European cities and partners for the Horizon 2020 call "Supporting public authorities in driving the energy transition" (LC-SC3-EC-5-2020). The overarching objective of the EUCityCalc project is to support public authorities at local level in planning towards climate neutrality, by using the prospective modelling approach of the European City Calculator tool.

Meeting the objectives of the Paris Agreement and ensuring that Europe becomes the first climate-neutral continent by 2050, requires cities to be in the driving seat of the transition to a decarbonised, resilient and just society. AGENEAL is committed to this long-term transition towards climate neutrality, and believes that EUCityCalc provides a powerful mechanism for enabling this transition, by supporting cities in developing and implementing scientifically robust, detailed and integrated pathways underpinned by a cross-sectoral and territorial approach to decarbonisation.

With this letter of commitment, AGENEAL intends to fully contribute to the work, results and dissemination activities of the project. We look forward to exchanging experiences, practices and insights with the cities and partners of the consortium. We also relish the prospect to collaborate with other cities and stakeholders in Europe, by sharing our lessons learnt and skills acquired with them in the framework of the multifaceted learning programme of the EUCityCalc.

The signing of this letter of support does not imply any financial commitment on the part of AGENEAL, expressing only support for the application.

Sincerely,

Catarina Freitas, Executive Member of the Board of AGENEAL

AGENEAL
AGÊNCIA MUNICIPAL DE ENERGIA DE ALMADA

AGENEAL - Agência Municipal de Energia de Almada
Rua Bernardo Francisco da Costa, 44 • 2800-029 ALMADA, PORTUGAL • tel. 21 272 23 80 • 916 21 272 23 80 • ageneal@ageneal.pt
NIPC 504 520 073

Edifício do Centro de Estudos da Natureza,
Estrada de Albufeira, Apart. 1317,
8125-507 Vilamoura
Tel: 289 310 880 | Fax: 289 310 889
www.areal-energia.pt

To: Energy Cities
2 Chemin de Palente
F-25000 Besancon
France

Vilamoura, 1.07.2020

Letter of Support

I, the undersigned Cláudio José da Silva Casimiro, on behalf of AREAL – Regional Energy and Environment Agency of Algarve, hereby declare that we fully support the project "EUCityCalc", developed and coordinated by Energy Cities together with a variety of European cities and partners for the Horizon 2020 call "Supporting public authorities in driving the energy transition" (LC-SC3-EC-5-2020). The main objective of the EUCityCalc project is to support public authorities at local level in planning towards climate neutrality, by using the prospective modelling approach of the European City Calculator tool.

Meeting the objectives of the Paris Agreement and ensuring that Europe becomes the first climate-neutral continent by 2050, requires cities to be in the driving seat of the transition to a decarbonised, resilient and just society. AREAL – Regional Energy and Environment Agency of Algarve believes that EUCityCalc provides a powerful mechanism for enabling cities to take on the role as transition leaders in this regard, by supporting cities in developing and implementing scientifically robust, detailed and integrated transition pathways underpinned by a cross-sectoral and territorial approach to decarbonisation.

In this respect, AREAL – Regional Energy and Environment Agency of Algarvestrongly recommends EUCityCalc as an extremely timely and valuable opportunity, as it empowers cities to translate their commitments to become climate-neutral into precise, tangible and overarching transition plans. We thereby confirm our interest in the project's results, our intention to support its dissemination activities, and further welcome opportunities for exchanging experiences.

Sincerely

Cláudio José da Silva Casimiro

AREAL
Agência Regional de Energia e Ambiente do Algarve
Edifício do Centro de Estudos da Natureza
Estrada de Albufeira - Apartado 1317
8125-507 Vilamoura

areanatejo
Agência Regional de Energia e Ambiente do Norte Alentejano e Tejo

To: Energy Cities 2 Chemin de Palente
F-25000 Besancon France

Letter of Support

I, the undersigned Diamantino Conceição on behalf of AREANATejo – Regional Energy and Environment Agency from North Alentejo, hereby declare that we fully support the project "EUCityCalc", developed and coordinated by Energy Cities together with a variety of European cities and partners for the Horizon 2020 call "Supporting public authorities in driving the energy transition" (LC-SC3-EC-5-2020). The main objective of the EUCityCalc project is to support public authorities at local level in planning towards climate neutrality, by using the prospective modelling approach of the European City Calculator tool.

Meeting the objectives of the Paris Agreement and ensuring that Europe becomes the first climate-neutral continent by 2050, requires cities to be in the driving seat of the transition to a decarbonised, resilient and just society. The AREANATejo – Regional Energy and Environment Agency from North Alentejo believes that EUCityCalc provides a powerful mechanism for enabling cities to take on the role as transition leaders in this regard, by supporting cities in developing and implementing scientifically robust, detailed and integrated transition pathways underpinned by a cross-sectoral and territorial approach to decarbonisation.

In this respect, AREANATejo – Regional Energy and Environment Agency from North Alentejo strongly recommends EUCityCalc as an extremely timely and valuable opportunity, as it empowers cities to translate their commitments to become climate-neutral into precise, tangible and overarching transition plans. We thereby confirm our interest in the project's results, our intention to support its dissemination activities, and further welcome opportunities for exchanging experiences.

Sincerely,

Portalegre, July 3rd 2020

areanatejo
Agência Regional de Energia e Ambiente do Norte Alentejano e Tejo
Rua 19 de Junho nº26 7300-185 Portalegre
NIF 505 839 087

Diamantino Conceição
(Technical Director)

Rua 19 de junho, n. 26
7300-155 Portalegre
tel. 245 309 084
tel. 245 309 085
info@areanatejo.pt

From:
Energaia
Av. Manuel Violas nº 476 sala 2.3
4110-137
São Felix da Marinha

To:
Energy Cities
2 Chemin de Palente
F-25000 Besancon
France

Vila Nova de Gaia, 07 july, 2020

Letter of Support

I, the undersigned Delegated Administrator Luís Castanheira, on behalf of Energaia - Energy Agency for the South of the Oporto Metropolitan Area, Portugal hereby declare that we fully support the project "EUCityCalc", developed and coordinated by Energy Cities together with a variety of European cities and partners for the Horizon 2020 call "Supporting public authorities in driving the energy transition" (LC-SC3-EC-5-2020). The main objective of the EUCityCalc project is to support public authorities at local level in planning towards climate neutrality, by using the prospective modelling approach of the European City Calculator tool.

Meeting the objectives of the Paris Agreement and ensuring that Europe becomes the first climate-neutral continent by 2050, requires cities to be in the driving seat of the transition to a decarbonised, resilient and just society. The Energaia - Energy Agency for the South of the Oporto Metropolitan Area, believes that EUCityCalc provides a powerful mechanism for enabling cities to take on the role as transition leaders in this regard, by supporting cities in developing and implementing scientifically robust, detailed and integrated transition pathways underpinned by a cross-sectoral and territorial approach to decarbonisation.

In this respect, Energaia - Energy Agency for the South of the Oporto Metropolitan Area, strongly recommends EUCityCalc as an extremely timely and valuable opportunity, as it empowers cities to translate their commitments to become climate-neutral into precise, tangible and overarching transition plans. We thereby confirm our interest in the project's results, our intention to support its dissemination activities, and further welcome opportunities for exchanging experiences.

Sincerely,

Delegated Administrator of Energaia

Av. Manuel Violas, nº 476, sala 2.3
4410-137 São Félix da Marinha – Portugal
email: enviegaia@energaia.pt
tel.: +351 22 378 72 50
fax: +351 22 378 72 59
www.energaia.pt

LISBOA e·nova
AGÊNCIA DE ENERGIA E AMBIENTE DE LISBOA

Lisboa E-Nova
Lisbon's Environment and Energy Agency
R. dos Fanqueiros 38 -1
1100-231 Lisboa

To:
Energy Cities
2 Chemin de Palente
F-25000 Besancon
France

Lisbon, 1st May 2020

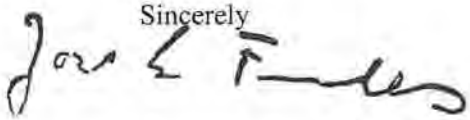
Letter of Support

I, the undersigned José Sá Fernandes, on behalf of Lisboa E-Nova, hereby declare that we fully support the project "EUCityCalc", developed and coordinated by Energy Cities together with a variety of European cities and partners for the Horizon 2020 call "Supporting public authorities in driving the energy transition" (LC-SC3-EC-5-2020). The main objective of the EUCityCalc project is to support public authorities at local level in planning towards climate neutrality, by using the prospective modelling approach of the European City Calculator tool.

Meeting the objectives of the Paris Agreement and ensuring that Europe becomes the first climate-neutral continent by 2050, requires cities to be in the driving seat of the transition to a decarbonised, resilient and just society. Lisboa E-Nova believes that EUCityCalc provides a powerful mechanism for enabling cities to take on the role as transition leaders in this regard, by supporting cities in developing and implementing scientifically robust, detailed and integrated transition pathways underpinned by a cross-sectoral and territorial approach to decarbonisation.

In this respect, Lisboa E-Nova strongly recommends EUCityCalc as an extremely timely and valuable opportunity, as it empowers cities to translate their commitments to become climate-neutral into precise, tangible and overarching transition plans. We thereby confirm our interest in the project's results, our intention to support its dissemination activities, and further welcome opportunities for exchanging experiences.

Sincerely



José Sá Fernandes

Chairman

LISBOA E-NOVA
AGÊNCIA DE ENERGIA E AMBIENTE DE LISBOA
Rua dos Fanqueiros, 38 – 1º
1100-231 Lisboa
Tel. 218 847 010
info@lisboaenova.org
www.lisboaenova.org

S.ENERGIA
AGÊNCIA REGIONAL DE ENERGIA
BARREIRO • MOITA • MONTIJO • ALCOCHETE

To:
Energy Cities
2 Chemin de Palente
F-25000 Besancon
France

Barreiro, 10th July 2020

Letter of Support

I, the undersigned Susana Camacho Ferreira, on behalf of S.ENERGIA – Regional Energy Agency for Barreiro, Moita, Montijo and Alcochete, hereby declare that we fully support the project "EUCityCalc", developed and coordinated by Energy Cities together with a variety of European cities and partners for the Horizon 2020 call "Supporting public authorities in driving the energy transition" (LC-SC3-EC-5-2020). The main objective of the EUCityCalc project is to support public authorities at local level in planning towards climate neutrality, by using the prospective modelling approach of the European City Calculator tool.

Meeting the objectives of the Paris Agreement and ensuring that Europe becomes the first climate-neutral continent by 2050, requires cities to be in the driving seat of the transition to a decarbonised, resilient and just society. The S.ENERGIA believes that EUCityCalc provides a powerful mechanism for enabling cities to take on the role as transition leaders in this regard, by supporting cities in developing and implementing scientifically robust, detailed and integrated transition pathways underpinned by a cross-sectoral and territorial approach to decarbonisation.

In this respect, S.ENERGIA strongly recommends EUCityCalc as an extremely timely and valuable opportunity, as it empowers cities to translate their commitments to become climate-neutral into precise, tangible and overarching transition plans. We thereby confirm our interest in the project's results, our intention to support its dissemination activities, and further welcome opportunities for exchanging experiences. However S.ENERGIA will have no financial responsibility in the framework of the above mentioned project.

Sincerely

Susana Camacho Ferreira

Susana Camacho Ferreira
S.ENERGIA Director

SEDE Rua Miguel Bombarda – Paços Concelho
2834-005 BARREIRO-PORTUGAL
M Rua Gay Lussac n.º4
2830-144 BARREIRO-PORTUGAL
T + 351 210 995 139
F + 351 210 995 146
E geral@senergia.pt
W www.senergia.pt

AGÊNCIA
DE ENERGIA
DO AVE

AEdoAVE (Agência de Energia do Ave)
Rua Capitão Alfredo Guimarães, nº1
4800-019 Guimarães

To:
Energy Cities
2 Chemin de Palente
F-25000 Besancon
France

Guimarães, 27th July 2020

Letter of Support

I, the undersigned António Cardoso Barbosa, on behalf of AEdoAVE (Agência de Energia do Ave), hereby declare that we fully support the project "EUCityCalc", developed and coordinated by Energy Cities together with a variety of European cities and partners for the Horizon 2020 call "Supporting public authorities in driving the energy transition" (LC-SC3-EC-5-2020). The main objective of the EUCityCalc project is to support public authorities at local level in planning towards climate neutrality, by using the prospective modelling approach of the European City Calculator tool.

Meeting the objectives of the Paris Agreement and ensuring that Europe becomes the first climate-neutral continent by 2050, requires cities to be in the driving seat of the transition to a decarbonised, resilient and just society. The AEdoAVE (Agência de Energia do Ave) believes that EUCityCalc provides a powerful mechanism for enabling cities to take on the role as transition leaders in this regard, by supporting cities in developing and implementing scientifically robust, detailed and integrated transition pathways underpinned by a cross-sectoral and territorial approach to decarbonisation.

In this respect, AEdoAVE (Agência de Energia do Ave) strongly recommends EUCityCalc as an extremely timely and valuable opportunity, as it empowers cities to translate their commitments to become climate-neutral into precise, tangible and overarching transition plans. We thereby confirm our interest in the project's results, our intention to support its dissemination activities, and further welcome opportunities for exchanging experiences.

Sincerely

António Cardoso Barbosa

Chairman of AEdoAVE - Agência de Energia do Ave

Rua Capitão Alfredo Guimarães, 1
4800-019 GUIMARÃES
Portugal
NIF: 509526047

Tlf: 253 422 400
Fax: 253 422 425
Email: geral@aeave.pt
Site: www.aeave.pt

IRENA – Istarska Regionalna Energetska Agencija d.o.o.
Rudarska 1, 52220 Labin
Fax +385(0)52 351 555
www.irena-istra.hr; irena@irena-istra.hr

IRENA – Istrian Regional ENergy Agency Ltd.

Rudarska 1, 52220 Labin

To:
Energy Cities
2 Chemin de Palente
F-25000 Besancon
France

Labin, 14/07/2020

Letter of Support

I, the undersigned Valter Poropat, director, on behalf of IRENA – Istrian Regional ENergy Agency Ltd., hereby declare that we fully support the project "EUCityCalc", developed and coordinated by Energy Cities together with a variety of European cities and partners for the Horizon 2020 call "Supporting public authorities in driving the energy transition" (LC-SC3-EC-5-2020). The main objective of the EUCityCalc project is to support public authorities at local level in planning towards climate neutrality, by using the prospective modelling approach of the European City Calculator tool.

Meeting the objectives of the Paris Agreement and ensuring that Europe becomes the first climate-neutral continent by 2050, requires cities to be in the driving seat of the transition to a decarbonised, resilient and just society. The IRENA – Istrian Regional ENergy Agency Ltd. believes that EUCityCalc provides a powerful mechanism for enabling cities to take on the role as transition leaders in this regard, by supporting cities in developing and implementing scientifically robust, detailed and integrated transition pathways underpinned by a cross-sectoral and territorial approach to decarbonisation.

In this respect, IRENA – Istrian Regional ENergy Agency Ltd. strongly recommends EUCityCalc as an extremely timely and valuable opportunity, as it empowers cities to translate their commitments to become climate-neutral into precise, tangible and overarching transition plans. We thereby confirm our interest in the project's results, our intention to support its dissemination activities, and further welcome opportunities for exchanging experiences.

Sincerely

Valter Poropat, director of the IRENA – Istrian Regional ENergy Agency Ltd.

Medjimurje Energy Agency Ltd.
Bana Josipa Jelačića 22
40000 Čakovec
Croatia

To:
Energy Cities
2 Chemin de Palente
F-25000 Besancon
France

Čakovec, 14th July 2020

Letter of Support

I, the undersigned director, Alen Višnjić, on behalf of Medjimurje Energy Agency Ltd., hereby declare that we fully support the project "EUCityCalc", developed and coordinated by Energy Cities together with a variety of European cities and partners for the Horizon 2020 call "Supporting public authorities in driving the energy transition" (LC-SC3-EC-5-2020). The main objective of the EUCityCalc project is to support public authorities at local level in planning towards climate neutrality, by using the prospective modelling approach of the European City Calculator tool.

Meeting the objectives of the Paris Agreement and ensuring that Europe becomes the first climate-neutral continent by 2050, requires cities to be in the driving seat of the transition to a decarbonised, resilient and just society. The Medjimurje Energy Agency Ltd. believes that EUCityCalc provides a powerful mechanism for enabling cities to take on the role as transition leaders in this regard, by supporting cities in developing and implementing scientifically robust, detailed and integrated transition pathways underpinned by a cross-sectoral and territorial approach to decarbonisation.

In this respect, Medjimurje Energy Agency Ltd. strongly recommends EUCityCalc as an extremely timely and valuable opportunity, as it empowers cities to translate their commitments to become climate-neutral into precise, tangible and overarching transition plans. We thereby confirm our interest in the project's results, our intention to support its dissemination activities, and further welcome opportunities for exchanging experiences.

Sincerely

Alen Višnjić, director
Medjimurje Energy Agency Ltd.

INSTITUTION REGIONAL ENERGY AGENCY KVARNER

VAT (OIB): 89507194620
Registration number (MB): 4850068

Court Registration Number (MBS): 040383868
IBAN: HR8724020061100860580
Erste&Steiermärkische Bank d.d. Rijeka

Institution Regional Energy Agency Kvarner

To:
Energy Cities
2 Chemin de Palente
F-25000 Besancon
France

Rijeka, 14 July 2020

Letter of Support

I, the undersigned, Mr. Darko Jardas, on behalf of Institution Regional Energy Agency Kvarner, hereby declare that we fully support the project "EUCityCalc", developed and coordinated by Energy Cities together with a variety of European cities and partners for the Horizon 2020 call "Supporting public authorities in driving the energy transition" (LC-SC3-EC-5-2020). The main objective of the EUCityCalc project is to support public authorities at local level in planning towards climate neutrality, by using the prospective modelling approach of the European City Calculator tool.

Meeting the objectives of the Paris Agreement and ensuring that Europe becomes the first climate-neutral continent by 2050, requires cities to be in the driving seat of the transition to a decarbonised, resilient and just society. The Institution Regional Energy Agency Kvarner believes that EUCityCalc provides a powerful mechanism for enabling cities to take on the role as transition leaders in this regard, by supporting cities in developing and implementing scientifically robust, detailed and integrated transition pathways underpinned by a cross-sectoral and territorial approach to decarbonisation.

In this respect, Institution Regional Energy Agency Kvarner strongly recommends EUCityCalc as an extremely timely and valuable opportunity, as it empowers cities to translate their commitments to become climate-neutral into precise, tangible and overarching transition plans. We thereby confirm our interest in the project's results, our intention to support its dissemination activities, and further welcome opportunities for exchanging experiences.

Sincerely,

REGIONALNA ENERGETSKA AGENCIJA KVARNER Rijeka

Mr. Darko Jardas, Director

Institution Regional Energy Agency Kvarner

Ciottina 17b
HR-51000 Rijeka, Croatia

phone: +385 (0)51 631 844
fax: +385 (0)51 263 751

web: www.reakvarner.hr
e-mail: info@reakvarner.hr

Andrije Žaje 10
10000 Zagreb
Hrvatska / Croatia

T 00385 1 3098 315
F 00385 1 3098 316
info@regea.org

OIB 93298204867
MB 2324873
IBAN HR8423600001101998301

To:
Energy Cities
2 Chemin de Palente
F-25000 Besancon
France

UR. NUMBER: 0166-O-20
Zagreb, 14/07/2020

Letter of Support

I, the undersigned Ph.D., Julije, Domac, on behalf of Regionalna energetska agencija Sjeverozapadne Hrvatske, hereby declare that we fully support the project "EUCityCalc", developed and coordinated by Energy Cities together with a variety of European cities and partners for the Horizon 2020 call "Supporting public authorities in driving the energy transition" (LC-SC3-EC-5-2020). The main objective of the EUCityCalc project is to support public authorities at local level in planning towards climate neutrality, by using the prospective modelling approach of the European City Calculator tool.

Meeting the objectives of the Paris Agreement and ensuring that Europe becomes the first climate-neutral continent by 2050, requires cities to be in the driving seat of the transition to a decarbonised, resilient and just society. The Regionalna energetska agencija Sjeverozapadne Hrvatske believes that EUCityCalc provides a powerful mechanism for enabling cities to take on the role as transition leaders in this regard, by supporting cities in developing and implementing scientifically robust, detailed and integrated transition pathways underpinned by a cross-sectoral and territorial approach to decarbonisation.

In this respect, Regionalna energetska agencija Sjeverozapadne Hrvatske strongly recommends EUCityCalc as an extremely timely and valuable opportunity, as it empowers cities to translate their commitments to become climate-neutral into precise, tangible and overarching transition plans. We thereby confirm our interest in the project's results, our intention to support its dissemination activities, and further welcome opportunities for exchanging experiences.

Sincerely

REGIONALNA ENERGETSKA AGENCIJA SJEVEROZAPADNE HRVATSKE - ZAGREB

Ph. D. Julije Domac
Managing director
Regionalna energetska agencija Sjeverozapadne Hrvatske

Diputación de Granada
Edificio CIE – 1ª Planta
Avda. Andalucía s/n
18015 - Granada

To:
Energy Cities
2 Chemin de Palente
F-25000 Besancon
France

Granada, 3rd July 2020

Letter of Support

I, the undersigned Gonzalo Esteban López, on behalf of Granada Provincial Energy Office of the Provincial Government of Granada, hereby declare that we fully support the project "EUCityCalc", developed and coordinated by Energy Cities together with a variety of European cities and partners for the Horizon 2020 call "Supporting public authorities in driving the energy transition" (LC-SC3-EC-5-2020). The main objective of the EUCityCalc project is to support public authorities at local level in planning towards climate neutrality, by using the prospective modelling approach of the European City Calculator tool.
Meeting the objectives of the Paris Agreement and ensuring that Europe becomes the first climate-neutral continent by 2050, requires cities to be in the driving seat of the transition to a decarbonised, resilient and just society. The Provincial Government of Granada believes that EUCityCalc provides a powerful mechanism for enabling cities to take on the role as transition leaders in this regard, by supporting cities in developing and implementing scientifically robust, detailed and integrated transition pathways underpinned by a cross-sectoral and territorial approach to decarbonisation.

In this respect, the Provincial Government of Granada is strongly interested in EUCityCalc as an extremely timely and valuable opportunity, as it empowers cities to translate their commitments to become climate-neutral into precise, tangible and overarching transition plans, and can create synergies with our H2020 project POCITYF, in which we will support Granada Townhall to prepare its 2050 climate-neutral plan. We thereby confirm our interest in the project's results, our intention to support its dissemination activities, and further welcome opportunities for exchanging experiences.

Sincerely

_____

Gonzalo Esteban López, POCITYF project Responsible, Provincial Government of Granada

Ministry of the Environment
of the Czech Republic

Department of Energy and Climate Protection
Vršovická 65
100 10 Praha 10

Prague 18th May 2020

Letter of Support

I, the undersigned Ing. Pavel Zámyslický, Ph.D., on behalf of the Ministry of the Environment of the Czech Republic hereby declare that we fully support the project "EUCityCalc", developed and coordinated by Energy Cities together with a variety of European cities and partners for the Horizon 2020 call "Supporting public authorities in driving the energy transition" (LC-SC3-EC-5-2020). The main objective of the EUCityCalc project is to support public authorities at local level in planning towards climate neutrality, by using the prospective modelling approach of the European City Calculator tool.

Meeting the objectives of the Paris Agreement and ensuring that Europe becomes the first climate-neutral continent by 2050, requires cities to be in the driving seat of the transition to a decarbonised, resilient and just society. The Ministry of the Environment of the Czech Republic believes that EUCityCalc provides a powerful mechanism for enabling cities to take on the role as transition leaders in this regard, by supporting cities in developing and implementing scientifically robust, detailed and integrated transition pathways underpinned by a cross-sectoral and territorial approach to decarbonisation.

In this respect, the Ministry of the Environment of the Czech Republic strongly recommends EUCityCalc as an extremely timely and valuable opportunity, as it empowers cities to translate their commitments to become climate-neutral into precise, tangible and overarching transition plans. We thereby confirm our interest in the project's results and our intention to support its dissemination activities.

Yours faithfully,

Ing. Pavel Zámyslický, Ph.D.
Director of the Department of Energy
and Climate Protection

Energy Cities
2 Chemin de Palente
F-25000 Besancon
France

Ministry of the Environment of the Czech Republic
Vršovická 1442/65, 100 10 Praha 10

(+420) 26712-1111
posta@mzp.cz
ISDS: 9gsaax4
www.mzp.cz

MINISTRY OF INDUSTRY AND TRADE
OF THE CZECH REPUBLIC

Vladimír Sochor
Director of Department of Energy Efficiency and Savings

To:
Energy Cities
2 Chemin de Palente
F-25000 Besancon
France

Prague, 22nd of May 2020

Letter of Support

I, the undersigned Vladimir Sochor, on behalf of Ministry of Industry and Trade, hereby declare that we support the project "EUCityCalc", developed and coordinated by Energy Cities together with a variety of European cities and partners for the Horizon 2020 call "Supporting public authorities in driving the energy transition" (LC-SC3-EC-5-2020). The main objective of the EUCityCalc project is to support public authorities at local level in planning towards climate neutrality, by using the prospective modelling approach of the European City Calculator tool.

Meeting the objectives of the Paris Agreement and ensuring that Europe becomes the first climate-neutral continent by 2050, requires cities to be in the driving seat of the transition to a decarbonised, resilient and just society. The Ministry of Industry and Trade believes that EUCityCalc provides a powerful mechanism for enabling cities to take on the role as transition leaders in this regard, by supporting cities in developing and implementing scientifically robust, detailed and integrated transition pathways underpinned by a cross-sectoral and territorial approach to decarbonisation.

In this respect, Ministry of Industry and Trade strongly recommends EUCityCalc as an extremely timely and valuable opportunity, as it empowers cities to translate their commitments to become climate-neutral into precise, tangible and overarching transition plans. We thereby confirm our interest in the project's results, our intention to support its dissemination activities, and further welcome opportunities for exchanging experiences.

Na Františku 32, 110 15 Praha 1
+420 224 851 111
posta@mpo.cz, www.mpo.cz

Yours sincerely,

Vladimir Sochor
Director of Department of Energy Efficiency and Savings

Ministerstvo průmyslu a obchodu
Na Františku 32, 110 15 Prague 1, Czech Republic
Phone: +420 224 852 941
E-mail: sochorv@mpo.cz

Comissão de Coordenação e Desenvolvimento Regional de Lisboa e Vale do Tejo

Letter of support for EUCityCalc project

to be submitted to Horizon 2020, call "Energy Efficiency H2020-2020"

Energy Cities
2 Chemin de Palente
F-25000 Besancon
France

Lisbon, July 10, 2020

I, the undersigned Architect, Teresa Almeida, on behalf of Commission for Regional Development and Coordination of Lisbon and Tagus Valley (CCDR LVT), hereby declare that we fully support the project "EUCityCalc", developed and coordinated by Energy Cities together with a variety of European cities and partners for the Horizon 2020 call "Supporting public authorities in driving the energy transition" (LC-SC3-EC-5-2020). The main objective of the EUCityCalc project is to support public authorities at local level in planning towards climate neutrality, by using the prospective modelling approach of the European City Calculator tool.

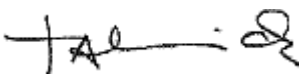
Meeting the objectives of the Paris Agreement and ensuring that Europe becomes the first climate-neutral continent by 2050, requires cities to be in the driving seat of the transition to a decarbonised, resilient and just society. The CCDR LVT believes that EUCityCalc provides a powerful mechanism for enabling cities to take on the role as transition leaders in this regard, by supporting cities in developing and implementing scientifically robust, detailed and integrated transition pathways underpinned by a cross-sectoral and territorial approach to decarbonisation.

In this respect, CCDR LVT strongly recommends EUCityCalc as an extremely timely and valuable opportunity, as it empowers cities to translate their commitments to become climate-neutral into precise, tangible and overarching transition plans. We thereby confirm our interest in the project's results, our intention to support its dissemination activities, and further welcome opportunities for exchanging experiences.

This statement does not bind CCDR LVT to provide any financial contribution to EUCityCalc project.

We wish the team every success with its application.

Sincerely



Maria Teresa Mourão de Almeida

President of CCDR LVT

Av. Manuel Violas, n.º. 476, Sala 23, São Félix da Marinha, 4410-137 Vila Nova de Gaia – Portugal
Tel.: +351 223 747 250 | E-mail: geral@rnae.pt

To:
Energy Cities
2 Chemin de Palente
F-25000 Besancon
France

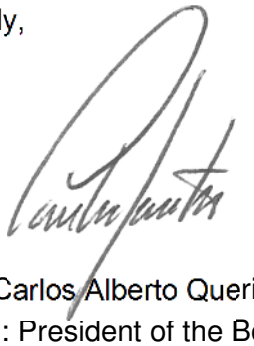
São Félix da Marinha, 01th July 2020

Letter of Support

I, the undersigned, Carlos Santos, on behalf of **RNAE - Associação das Agências de Energia e Ambiente (Rede Nacional)**, Energy and Environment Agencies' Association (National Network), hereby declare that we fully support the project "EUCityCalc", developed and coordinated by Energy Cities together with a variety of European cities and partners for the Horizon 2020 call "Supporting public authorities in driving the energy transition" (LC-SC3-EC-5-2020). The main objective of the EUCityCalc project is to support public authorities at local level in planning towards climate neutrality, by using the prospective modelling approach of the European City Calculator tool.
Meeting the objectives of the Paris Agreement and ensuring that Europe becomes the first climate-neutral continent by 2050, requires cities to be in the driving seat of the transition to a decarbonised, resilient and just society. The **RNAE - Associação das Agências de Energia e Ambiente (Rede Nacional)**, Energy and Environment Agencies' Association (National Network), believes that EUCityCalc provides a powerful mechanism for enabling cities to take on the role as transition leaders in this regard, by supporting cities in developing and implementing scientifically robust, detailed and integrated transition pathways underpinned by a cross-sectoral and territorial approach to decarbonisation.

In this respect, **RNAE - Associação das Agências de Energia e Ambiente (Rede Nacional)**, Energy and Environment Agencies' Association (National Network), strongly recommends EUCityCalc as an extremely timely and valuable opportunity, as it empowers cities to translate their commitments to become climate-neutral into precise, tangible and overarching transition plans. We thereby confirm our interest in the project's results, our intention to support its dissemination activities, and further welcome opportunities for exchanging experiences.

Sincerely,



Name: Carlos Alberto Querido dos Santos
Position: President of the Board
Organization: RNAE - Associação das Agências de Energia e Ambiente (Rede Nacional), Energy and Environment Agencies' Association (National Network)

ICNF – Instituto de Conservação da Natureza e das Florestas
Avenida da República, 16, 1050-191 Lisboa

To:
Energy Cities
2 Chemin de Palente
F-25000 Besancon
France

Lisbon, July 2nd 2020

Letter of Support

I, the undersigned Nuno Banza, on behalf of Instituto de Conservação da Naureza e das Florestas (ICNF), hereby declare that we fully support the project "EUCityCalc", developed and coordinated by Energy Cities together with a variety of European cities and partners for the Horizon 2020 call "Supporting public authorities in driving the energy transition" (LC-SC3-EC-5-2020). The main objective of the EUCityCalc project is to support public authorities at local level in planning towards climate neutrality, by using the prospective modelling approach of the European City Calculator tool.

Meeting the objectives of the Paris Agreement and ensuring that Europe becomes the first climate-neutral continent by 2050, requires cities to be in the driving seat of the transition to a decarbonised, resilient and just society. The ICNF believes that EUCityCalc provides a powerful mechanism for enabling cities to take on the role as transition leaders in this regard, by supporting cities in developing and implementing scientifically robust, detailed and integrated transition pathways underpinned by a cross-sectoral and territorial approach to decarbonisation.

In this respect, ICNF strongly recommends EUCityCalc as an extremely timely and valuable opportunity, as it empowers cities to translate their commitments to become climate-neutral into precise, tangible and overarching transition plans. We thereby confirm our interest in the project's results, our intention to support its dissemination activities, and further welcome opportunities for exchanging experiences.

Sincerely

Nuno Banza, Chairman

Cyprus Energy Agency

Date:22/6/2020

To:
Energy Cities
2 Chemin de Palente
F-25000 Besancon
France

LETTER OF SUPPORT

I, the undersigned Mr. Savvas Vlachos, on behalf of the Cyprus Energy Agency, hereby declare that we fully support the project "EUCityCalc", developed and coordinated by Energy Cities together with a variety of European cities and partners for the Horizon 2020 call "Supporting public authorities in driving the energy transition" (LC-SC3-EC-5-2020). The main objective of the EUCityCalc project is to support public authorities at local level in planning towards climate neutrality, by using the prospective modelling approach of the European City Calculator tool. Meeting the objectives of the Paris Agreement and ensuring that Europe becomes the first climate-neutral continent by 2050, requires cities to be in the driving seat of the transition to a decarbonised, resilient and just society.

The Cyprus Energy Agency believes that EUCityCalc provides a powerful mechanism for enabling cities to take on the role as transition leaders in this regard, by supporting cities in developing and implementing scientifically robust, detailed and integrated transition pathways underpinned by a cross-sectoral and territorial approach to decarbonisation.
In this respect, Cyprus Energy Agency strongly recommends EUCityCalc as an extremely timely and valuable opportunity, as it empowers cities to translate their commitments to become climate-neutral into precise, tangible and overarching transition plans. We thereby confirm our interest in the project's results, our intention to support its dissemination activities, and further welcome opportunities for exchanging experiences.

Yours sincerely,

Savvas Vlachos | Director

10-12 Lefkonos Str.,
1011 Lefkosia, Cyprus

T: +357 22 667 716
F: +357 22 667 736
E: info@cea.org.cy

www.cea.org.cy

Supported by the European Commission through the Intelligent Energy-Europe programme and the Cyprus Union of Communities

Member of EnergyCities, FEDARENE and CLIMATE-KIC

We support the Covenant of Mayors for Climate & Energy initiative and we share a vision of decarbonised and resilient cities where citizens have access to secure, sustainable and affordable energy

Province de Liège

Energy Cities
2 Chemin de Palente
F-25000 Besançon
France

Liège, 16th July 2020

LETTER OF SUPPORT

André DENIS
Député provincial
Infrastructures et Développement durable, Transition écologique et alimentaire, Laboratoire, Agriculture et Ruralité

Place de la République Française, 1
B - 4000 Liège
Tél. : +32 (0)4 279 69 43
andre.denis@provincedeliege.be
www.provincedeliege.be

I, the undersigned Provincial Deputy, André DENIS, on behalf of Province of Liège, hereby declare that we fully support the project "EUCityCalc", developed and coordinated by Energy Cities together with a variety of European cities and partners for the Horizon 2020 call "Supporting public authorities in driving the energy transition" (LC-SC3-EC-5-2020). The main objective of the EUCityCalc project is to support public authorities at local level in planning towards climate neutrality, by using the prospective modelling approach of the European City Calculator tool.

Meeting the objectives of the Paris Agreement and ensuring that Europe becomes the first climate-neutral continent by 2050, requires cities to be in the driving seat of the transition to a decarbonised, resilient and just society. The Province of Liège believes that EUCityCalc provides a powerful mechanism for enabling cities to take on the role as transition leaders in this regard, by supporting cities in developing and implementing scientifically robust, detailed and integrated transition pathways underpinned by a cross-sectoral and territorial approach to decarbonisation.

In this respect, Province of Liège strongly recommends EUCityCalc as an extremely timely and valuable opportunity, as it empowers cities to translate their commitments to become climate-neutral into precise, tangible and overarching transition plans. We thereby confirm our interest in the project's results, our intention to support its dissemination activities, and further welcome opportunities for exchanging experiences.

Sincerely,

André DENIS,
Provincial Deputy
Infrastructure, Sustainable Development, Ecological and Food Transition, Laboratory, Agriculture and Rurality

France urbaine
22-28 rue Joubert
F-75009 Paris

To:
Energy Cities
2 Chemin de Palente
F-25000 Besancon

Paris, 25 August 2020

Letter of Support

I, the undersigned, Mr Olivier Landel, on behalf of France urbaine, hereby declare that we fully support the project "EUCityCalc", developed and coordinated by Energy Cities together with a variety of European cities and partners for the Horizon 2020 call "Supporting public authorities in driving the energy transition" (LC-SC3-EC-5-2020). The main objective of the EUCityCalc project is to support public authorities at local level in planning towards climate neutrality, by using the prospective modelling approach of the European City Calculator tool.

Meeting the objectives of the Paris Agreement and ensuring that Europe becomes the first climate-neutral continent by 2050, requires cities to be in the driving seat of the transition to a decarbonised, resilient and just society. France urbaine believes that EUCityCalc provides a powerful mechanism for enabling cities to take on the role as transition leaders in this regard, by supporting cities in developing and implementing scientifically robust, detailed and integrated transition pathways underpinned by a cross-sectoral and territorial approach to decarbonisation.

In this respect, France urbaine recommends EUCityCalc as an extremely timely and valuable opportunity, as it empowers cities to translate their commitments to become climate-neutral into precise, tangible and overarching transition plans. We thereby confirm our interest in the project's results, our intention to support its dissemination activities, and further welcome opportunities for exchanging experiences.

Indeed, as a French association gathering metropolises, big intercommunalities and big cities, France urbaine has the capacity to disseminate largely the outcomes of the project to the local authorities being members of the association. France urbaine will also use its communication tools to communicate towards a broader public (social networks, newsletter, magazine, etc.). The association has indeed set itself the objective of promoting local initiatives from its members as these good practices could inspire and be replicated in other territories.

Sincerely,

Olivier Landel,
Executive Director of France urbaine

ASSOCIATION OF MAJOR CITIES OF LATVIA
Maza Jaunicla 5, Riga, LV-1050, Latvia · Phone (+371) 67223515 · Fax (+371) 67223516 · lipa@lipa.rcunet.lv · www.lipa.lv

Riga
August 10th 2020 Nr. 5-3/3

Energy Cities
2 Chemin de Palente
F-25000 Besancon
France

Letter of Intent for Horizon 2020 project proposal

I, the undersigned president Gatis Truksnis on behalf of the association of Major Cities of Latvia, hereby declare that we fully support the project "EUCityCalc", developed and coordinated by Energy Cities together with a variety of European cities and partners for the Horizon 2020 call "Supporting public authorities in driving the energy transition" (LC-SC3-EC-5-2020). The main objective of the EUCityCalc project is to support public authorities at local level in planning towards climate neutrality, by using the prospective modelling approach of the European City Calculator tool.

Meeting the objectives of the Paris Agreement and ensuring that Europe becomes the first climate-neutral continent by 2050, requires cities to be in the driving seat of the transition to a decarbonised, resilient and just society. The association of Major Cities of Latvia believes that EUCityCalc provides a powerful mechanism for enabling cities to take on the role as transition leaders in this regard, by supporting cities in developing and implementing scientifically robust, detailed and integrated transition pathways underpinned by a cross-sectoral and territorial approach to decarbonisation.

In this respect, the association of Major Cities of Latvia strongly recommends EUCityCalc as an extremely timely and valuable opportunity, as it empowers cities to translate their commitments to become climate-neutral into precise, tangible and overarching transition plans. We thereby confirm our interest in the project's results, our intention to support its dissemination activities, and further welcome opportunities for exchanging experiences.

President of the Association
of the Major Cities of Latvia

Gatis Truksnis

Secretariat OER
Bd. M. Kogălniceanu nr. 23, bl. C7, cam. 301, Brașov, România
Tel.: +40 268 474 209 | Fax: +40 268 547 784 | office@oer.ro | www.oer.ro
Registrul Asociațiilor și Fundațiilor Judecătoria Brașov
Poziția 1/2015, Partea a doua "A", Secțiunea a II a
C.I.F. 7203258 | RO 88 RZBR 0000 0600 0943 6715

OER
23 M. Kogalniceanu Blvd.
3rd floor, room 301
500090 Brasov
Romania

To:
Energy Cities
2 Chemin de Palente
F-25000 Besancon
France

Brasov, 28.05.2020

Letter of Support

I, the undersigned Camelia RATA, on behalf of OER - The Romanian Network of Energy Cities, hereby declare that we fully support the project "EUCityCalc", developed and coordinated by Energy Cities together with a variety of European cities and partners for the Horizon 2020 call "Supporting public authorities in driving the energy transition" (LC-SC3-EC-5-2020). The main objective of the EUCityCalc project is to support public authorities at local level in planning towards climate neutrality, by using the prospective modelling approach of the European City Calculator tool.

Meeting the objectives of the Paris Agreement and ensuring that Europe becomes the first climate-neutral continent by 2050, requires cities to be in the driving seat of the transition to a decarbonised, resilient and just society. OER believes that EUCityCalc provides a powerful mechanism for enabling cities to take on the role as transition leaders in this regard, by supporting cities in developing and implementing scientifically robust, detailed and integrated transition pathways underpinned by a cross-sectoral and territorial approach to decarbonisation.

In this respect, OER strongly recommends EUCityCalc as an extremely timely and valuable opportunity, as it empowers cities to translate their commitments to become climate-neutral into precise, tangible and overarching transition plans. We thereby confirm our interest in the project's results, our intention to support its dissemination activities, and further welcome opportunities for exchanging experiences.

Sincerely

Camelia RATA
OER Director

From:
Oriano Otoçan, President
ALDA- Association Des Agences de la Démocratie Locale
1A, Place des Orphelins,
67000 Strasbourg,

To: Energy Cities
2 Chemin de Palente
F-25000 Besancon
France

Strasbourg, 25/05/2020

Letter of Support

I, the undersigned Mr Oriano Otçan, on behalf of **ALDA - Association Des Agences de la Démocratie Locale**, hereby declare that we fully support the project "EUCityCalc", developed and coordinated by Energy Cities together with a variety of European cities and partners for the Horizon 2020 call "Supporting public authorities in driving the energy transition" (LC-SC3-EC-5-2020). The main objective of the EUCityCalc project is to support public authorities at local level in planning towards climate neutrality, by using the prospective modelling approach of the European City Calculator tool.

Meeting the objectives of the Paris Agreement and ensuring that Europe becomes the first climate-neutral continent by 2050, requires cities to be in the driving seat of the transition to a decarbonised, resilient and just society. The **ALDA - Association Des Agences de la Démocratie Locale** believes that EUCityCalc provides a powerful mechanism for enabling cities to take on the role as transition leaders in this regard, by supporting cities in developing and implementing scientifically robust, detailed and integrated transition pathways underpinned by a cross-sectoral and territorial approach to decarbonisation.

In this respect, **ALDA** strongly recommends EUCityCalc as an extremely timely and valuable opportunity, as it empowers cities to translate their commitments to become climate-neutral into precise, tangible and overarching transition plans. We thereby confirm our interest in the project's results, our intention to support its dissemination activities, and further welcome opportunities for exchanging experiences.

Sincerely

Oriano Otoçan,
The President

CEDRU - Centro de Estudos e Desenvolvimento Regional e Urbano, Lda
Rua Fernando Namora, 46 A
1600-454 Lisboa
Portugal

To:
Energy Cities
2 Chemin de Palente
F-25000 Besancon
France

Lisbon, 3rd July 2020

Letter of Support

I, the undersigned, Dr. Sérgio Marin da Costa Barroso, on behalf of Centro de Estudos e Desenvolvimento Regional e Urbano, Lda, hereby declare that we fully support the project "EUCityCalc", developed and coordinated by Energy Cities together with a variety of European cities and partners for the Horizon 2020 call "Supporting public authorities in driving the energy transition" (LC-SC3-EC-5-2020). The main objective of the EUCityCalc project is to support public authorities at local level in planning towards climate neutrality, by using the prospective modelling approach of the European City Calculator tool.

Meeting the objectives of the Paris Agreement and ensuring that Europe becomes the first climate-neutral continent by 2050, requires cities to be in the driving seat of the transition to a decarbonised, resilient and just society. The Centro de Estudos e Desenvolvimento Regional e Urbano, Lda believes that EUCityCalc provides a powerful mechanism for enabling cities to take on the role as transition leaders in this regard, by supporting cities in developing and implementing scientifically robust, detailed and integrated transition pathways underpinned by a cross-sectoral and territorial approach to decarbonisation.

In this respect, Centro de Estudos e Desenvolvimento Regional e Urbano, Lda strongly recommends EUCityCalc as an extremely timely and valuable opportunity, as it empowers cities to translate their commitments to become climate-neutral into precise, tangible and overarching transition plans. We thereby confirm our interest in the project's results, our intention to support its dissemination activities, and further welcome opportunities for exchanging experiences.

Sincerely,

Sérgio Marin da Costa Barroso, Director, CEDRU, Lda

Fundació CV Observatori Valencià del Canvi Climàtic
(València Clima i Energia)
C/ Joan Verdeguer, 16 (Nave 2)
460124- València

To:
Energy Cities
2 Chemin de Palente
F-25000 Besancon
France

València on May 28,2020

Letter of Support

I, the undersigned Managing Director, Carlos Sánchez Cerveró,, on behalf of Fundació CV Observatori Valencià del Canvi Climàtic (hereafter València Clima i Energia), hereby declare that we fully support the project "EUCityCalc", developed and coordinated by Energy Cities together with a variety of European cities and partners for the Horizon 2020 call "Supporting public authorities in driving the energy transition" (LC-SC3-EC-5-2020). The main objective of the EUCityCalc project is to support public authorities at local level in planning towards climate neutrality, by using the prospective modelling approach of the European City Calculator tool.

Meeting the objectives of the Paris Agreement and ensuring that Europe becomes the first climate-neutral continent by 2050, requires cities to be in the driving seat of the transition to a decarbonised, resilient and just society. The València Clima i Energia believes that EUCityCalc provides a powerful mechanism for enabling cities to take on the role as transition leaders in this regard, by supporting cities in developing and implementing scientifically robust, detailed and integrated transition pathways underpinned by a cross-sectoral and territorial approach to decarbonisation.

In this respect, València Clima i Energia strongly recommends EUCityCalc as an extremely timely and valuable opportunity, as it empowers cities to translate their commitments to become climate-neutral into precise, tangible and overarching transition plans. We thereby confirm our interest in the project's results, our intention to support its dissemination activities, and further welcome opportunities for exchanging experiences.

Sincerely

_____

Carlos Sánchez Cerveró
Managing Director
València Clima i Energia

Rome, 06 July 2020

To:
Energy Cities
2 Chemin de Palente
F-25000 Besancon
France

Letter of Support

I, the undersigned, Dr. Sergio Andreis, on behalf of *Kyoto Club*, hereby declare that we fully support the project ***EUCityCalc***, developed and coordinated by ***Energy Cities*** together with a variety of European cities and partners for the Horizon 2020 call *Supporting public authorities in driving the energy transition* (LC-SC3-EC-5-2020). The main objective of the ***EUCityCalc*** project is to support public authorities at local level in planning towards climate neutrality, by using the prospective modelling approach of the ***European City Calculator*** tool.
Meeting the objectives of the *Paris Agreement* and ensuring that Europe becomes the first climate-neutral continent by 2050, requires cities to be in the driving seat of the transition to a decarbonised, resilient and just society. *Kyoto Club* believes that ***EUCityCalc*** provides a powerful mechanism for enabling cities to take on the role as transition leaders in this regard, by supporting cities in developing and implementing scientifically robust, detailed and integrated transition pathways underpinned by a cross-sectoral and territorial approach to decarbonisation.

In this respect, *Kyoto Club* strongly recommends ***EUCityCalc*** as an extremely timely and valuable opportunity, as it empowers cities to translate their commitments to become climate-neutral into precise, tangible and overarching transition plans. We thereby confirm our interest in the project's results, our intention to support its dissemination activities, and further welcome opportunities for exchanging experiences.

Sincerely,

Sergio Andreis
Director

Kyoto Club
Via Genova 23 – 00184 Roma
Tel. +39 06 48 55 39 Fax +39 06 48 98 70 09
www.kyotoclub.org

Rīgas Tehniskā universitāte

BŪVNIECĪBAS INŽENIERZINĀTŅU FAKULTĀTE

SILTUMA, GĀZES UN ŪDENS TEHNOLOĢIJAS INSTITŪTS

Ķīpsalas iela 6A, LV-1048, Rīga, Latvija
Tālr./fakss 67089080

RTU BIF
SGŪTI

Riga Technical University

FACULTY OF CIVIL ENGINEERING

INSTITUTE OF HEAT, GAS AND WATER TECHNOLOGY

Kipsalas 6A, LV-1048, Riga, Latvia
Phone/Fax: +371 67089080

To:
Energy Cities
2 Chemin de Palente
F-25000 Besancon
France

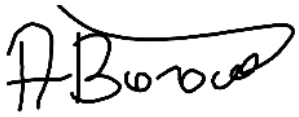
Riga, 06.08.2020

Letter of Support

I, the undersigned Anatolijs Borodiņecs, on behalf of Department of Heat Engineering and Technology of Riga Technical University, hereby declare that we fully support the project "EUCityCalc", developed and coordinated by Energy Cities together with a variety of European cities and partners for the Horizon 2020 call "Supporting public authorities in driving the energy transition" (LC-SC3-EC-5-2020). The main objective of the EUCityCalc project is to support public authorities at local level in planning towards climate neutrality, by using the prospective modelling approach of the European City Calculator tool.
Meeting the objectives of the Paris Agreement and ensuring that Europe becomes the first climate-neutral continent by 2050, requires cities to be in the driving seat of the transition to a decarbonised, resilient and just society. The Department of Heat Engineering and Technology of Riga Technical University believes that EUCityCalc provides a powerful mechanism for enabling cities to take on the role as transition leaders in this regard, by supporting cities in developing and implementing scientifically robust, detailed and integrated transition pathways underpinned by a cross-sectoral and territorial approach to decarbonisation.

In this respect, Department of Heat Engineering and Technology of Riga Technical University strongly recommends EUCityCalc as an extremely timely and valuable opportunity, as it empowers cities to translate their commitments to become climate-neutral into precise, tangible and overarching transition plans. We thereby confirm our interest in the project's results, our intention to support its dissemination activities, and further welcome opportunities for exchanging experiences.

Sincerely



Anatolijs Borodinecs
Dr.sc.ing., Professor,
Riga Technical University,
Faculty of Civil Engineering
Head of Department of Heat Engineering and Technology
Address: Kipsalas str. 6A-247c, Riga, LV-1048, Latvia
Mob. ph: +371 26079655
e-mail: anatolijs.borodinecs@rtu.lv

Foundation for
Urban Resilience &
Climate Sustainability

Energy Cities
David Donnerer

A : 2 Chemin de Palente,
F-25000 Besancon, France
W : david.donnerer@energy-cities.eu
P : +32 2400 10 70

4th August, 2020

Letter of Support

I, the undersigned Mr.Timurs Safiulins on behalf of Foundation for Urban Resilience and Climate Sustainability, hereby declare that we fully support the project "EUCityCalc", developed and coordinated by Energy Cities together with a variety of European cities and partners for the Horizon 2020 call "Supporting public authorities in driving the energy transition" (LC-SC3-EC-5-2020). The main objective of the EUCityCalc project is to support public authorities at local level in planning towards climate neutrality, by using the prospective modelling approach of the European City Calculator tool.

Meeting the objectives of the Paris Agreement and ensuring that Europe becomes the first climate-neutral continent by 2050, requires cities to be in the driving seat of the transition to a decarbonised, resilient and just society. The Foundation for Urban Resilience and Climate Sustainability believes that EUCityCalc provides a powerful mechanism for enabling cities to take on the role as transition leaders in this regard, by supporting cities in developing and implementing scientifically robust, detailed and integrated transition pathways underpinned by a cross-sectoral and territorial approach to decarbonisation.

In this respect, Foundation for Urban Resilience and Climate Sustainability strongly recommends EUCityCalc as an extremely timely and valuable opportunity, as it empowers cities to translate their commitments to become climate-neutral into precise, tangible and overarching transition plans. We thereby confirm our interest in the project's results, our intention to support its dissemination activities, and further welcome opportunities for exchanging experiences.

Sincerely,

Timurs Safiulins
Executive Chairman

+371 26066989
+371 28350312
www.urbanclimate.eu
projects@urbanclimate.eu
Staiceles 9-9,
Riga, LV-1035

AKCIJU SABIEDRĪBA
RĪGAS SILTUMS

VIENOTAIS REĢ. NR. LV 40003286750
CĒSU IELA 3A, RĪGA, LV-1012
TĀLR. 67017359, FAKSS: 67017363

RĪGA

13.08.2020 NR. 5/3548

UZ _____ NR. _____

Energy Cities
2 Chemin de Palente
F-25000 Besancon
France

Letter of Support

I, the undersigned Board Member Jevgenijs Korols, on behalf of the Joint Stock Company "RĪGAS SILTUMS", hereby declare that we fully support the project "EUCityCalc", developed and coordinated by Energy Cities together with a variety of European cities and partners for the Horizon 2020 call "Supporting public authorities in driving the energy transition" (LC-SC3-EC-5-2020). The main objective of the EUCityCalc project is to support public authorities at local level in planning towards climate neutrality, by using the prospective modelling approach of the European City Calculator tool.

Meeting the objectives of the Paris Agreement and ensuring that Europe becomes the first climate-neutral continent by 2050, requires cities to be in the driving seat of the transition to a decarbonised, resilient and just society. The Joint Stock Company "RĪGAS SILTUMS" believes that EUCityCalc provides a powerful mechanism for enabling cities to take on the role as transition leaders in this regard, by supporting cities in developing and implementing scientifically robust, detailed and integrated transition pathways underpinned by a cross-sectoral and territorial approach to decarbonisation.

In this respect, Joint Stock Company "RĪGAS SILTUMS" strongly recommends EUCityCalc as an extremely timely and valuable opportunity, as it empowers cities to translate their commitments to become climate-neutral into precise, tangible and overarching transition plans. We thereby confirm our interest in the project's results, our intention to support its dissemination activities, and further welcome opportunities for exchanging experiences.

Board Member Jevgenijs Korols

26107777

Coordinamento Agende 21 Locali Italiane
Via dell'Orna, 19 – 35124 Padova (PD)
Italy

To:
Energy Cities
2 Chemin de Palente
F-25000 Besancon
France

Padova (Italy), 06/07/2020

Letter of Support

I, the undersigned Mr. Arturo Lorenzoni, on behalf of the Italian National Association "Coordinamento Agende 21 Locali Italiane", hereby declare that we fully support the project "EUCityCalc", developed and coordinated by Energy Cities together with a variety of European cities and partners for the Horizon 2020 call "Supporting public authorities in driving the energy transition" (LC-SC3-EC-5-2020). The main objective of the EUCityCalc project is to support public authorities at local level in planning towards climate neutrality, by using the prospective modelling approach of the European City Calculator tool.
Meeting the objectives of the Paris Agreement and ensuring that Europe becomes the first climate-neutral continent by 2050, requires cities to be in the driving seat of the transition to a decarbonised, resilient and just society. The "Coordinamento Agende 21 Locali Italiane" believes that EUCityCalc provides a powerful mechanism for enabling cities to take on the role as transition leaders in this regard, by supporting cities in developing and implementing scientifically robust, detailed and integrated transition pathways underpinned by a cross-sectoral and territorial approach to decarbonisation.

In this respect, "Coordinamento Agende 21 Locali Italiane" strongly recommends EUCityCalc as an extremely timely and valuable opportunity, as it empowers cities to translate their commitments to become climate-neutral into precise, tangible and overarching transition plans. We thereby confirm our interest in the project's results, our intention to support its dissemination activities, and further welcome opportunities for exchanging experiences.

Sincerely,

Arturo Lorenzoni
President
Italian National Association "Coordinamento Agende 21 Locali Italiane"

Alkémica cooperativa sociale o.n.l.u.s.

To:
Energy Cities
2 Chemin de Palente
F-25000 Besancon
France

Mantova, 02/07/2020

Letter of Support

I, the undersigned Prof. Riccardo Govoni, on behalf of Alkémica cooperativa sociale o.n.l.u.s., hereby declare that we fully support the project "EUCityCalc", developed and coordinated by Energy Cities together with a variety of European cities and partners for the Horizon 2020 call "Supporting public authorities in driving the energy transition" (LC-SC3-EC-5-2020). The main objective of the EUCityCalc project is to support public authorities at local level in planning towards climate neutrality, by using the prospective modelling approach of the European City Calculator tool.

Meeting the objectives of the Paris Agreement and ensuring that Europe becomes the first climate-neutral continent by 2050, requires cities to be in the driving seat of the transition to a decarbonised, resilient and just society. The Alkémica cooperativa sociale o.n.l.u.s. believes that EUCityCalc provides a powerful mechanism for enabling cities to take on the role as transition leaders in this regard, by supporting cities in developing and implementing scientifically robust, detailed and integrated transition pathways underpinned by a cross-sectoral and territorial approach to decarbonisation.

In this respect, Alkémica cooperativa sociale o.n.l.u.s. strongly recommends EUCityCalc as an extremely timely and valuable opportunity, as it empowers cities to translate their commitments to become climate-neutral into precise, tangible and overarching transition plans. We thereby confirm our interest in the project's results, our intention to support its dissemination activities, and further welcome opportunities for exchanging experiences.

Sincerely,

President

Alkémica
NATURA SCIENZA DIDATTICA
Alkémica cooperativa sociale onlus
C.F. e P.IVA 02462790201
Via Norsa, 4 - 46100 Mantova
alkemica.coop.onlus@gmail.com

APAM
esercizio spa

Sede legale: Via dei Toscani 3/C - 46100 Mantova
C.P. 239 Mantova Centro
P.IVA/C.F. e iscriz. Registro Imprese di MN n. 02004750200
capitale sociale € 5.345.454 i.v.

T 0376 2301 - F 0376 230330
apam@apam.it - PEC apam@legalmail.it - www.apam.it

Mantova, 10 luglio 2020

Prot. n. 5151/MKG

Dear Sirs
ENERGY CITIES
2, Chemin de Palente
F-25000 – Besancon
FRANCE

via email

OGGETTO: Letter of Support to "EU City Calc" Project.

I, the undersigned Daniele Trevenzoli, President of APAM Esercizio SpA, hereby declare that we fully support "EUCityCal" project, developed and coordinated by Energy Cities together with a variety of European cities and partners within the scope of Horizon 2020 call, i.e. "Supporting public authorities in driving the energy transition" (LC-SC3-EC-5-2020).

The main goal of EUCityCalc project is to support public local authorities in planning actions aimed to climate neutrality by a modelling approach of the European City Calculator tool.
In order to meet the objectives of Paris Agreement and to ensure that Europe becomes the first climate-neutral continent by 2050 it is necessary for cities to be in the driving seat of the transition to a decarbonised, resilient and fair society.

APAM believes that EUCityCalc can provide a powerful mechanism allowing cities to take on the role as transition leaders in this regard, by supporting them in developing and implementing a scientifically grounded, detailed and integrated transition process sustained by an integrated and local approach to decarbonisation.

In this respect, APAM strongly recommends EUCityCalc as an extremely valuable opportunity, as it allows cities to translate their commitment to become climate-neutral areas into precise and tangible transition plans. We therefore confirm our interest in the project's results, our intention to support its dissemination activities, and gladly welcome opportunities for exchanging experiences.

Sincerely

Daniele Trevenzoli
President of APAM Esercizio SpA

MB/ps

ISO 9001 ISO 14001

Comitato di Valletta Valsecchi
e-mail: comitato.vallettavalsecchi@gmail.com - www.vallettavalsecchi.it

Mantova, 20 luglio 2020

Energy Cities
2 Chemin de Palente
F-25000 Besancon
France

Letter of Support

I, the undersigned Avv. Giorgio Bassi, on behalf of Comitato Valletta Valsecchi, hereby declare that we fully support the project "EUCityCalc", developed and coordinated by Energy Cities together with a variety of European cities and partners for the Horizon 2020 call "Supporting public authorities in driving the energy transition" (LC-SC3-EC-5-2020). The main objective of the EUCityCalc project is to support public authorities at local level in planning towards climate neutrality, by using the prospective modelling approach of the European City Calculator tool.

Meeting the objectives of the Paris Agreement and ensuring that Europe becomes the first climate-neutral continent by 2050, requires cities to be in the driving seat of the transition to a decarbonised, resilient and just society. The Comitato Valletta Valsecchi believes that EUCityCalc provides a powerful mechanism for enabling cities to take on the role as transition leaders in this regard, by supporting cities in developing and implementing scientifically robust, detailed and integrated transition pathways underpinned by a cross-sectoral and territorial approach to decarbonisation.

In this respect, Comitato Valletta Valsecchi strongly recommends EUCityCalc as an extremely timely and valuable opportunity, as it empowers cities to translate their commitments to become climate-neutral into precise, tangible and overarching transition plans. We thereby confirm our interest in the project's results, our intention to support its dissemination activities, and further welcome opportunities for exchanging experiences.

Sincerely
(Giorgio Bassi)

Giorgio Bassi
Comitato Valletta Valsecchi

Confagricoltura Mantova

Mantova, 02/07/2020

To:
Energy Cities
2 Chemin de Palente
F-25000 Besancon
France

Projet Eucitycalc: letter of support

I, the undersigned President Alberto Cortesi, on behalf of Confagricoltura Mantova, hereby declare that we fully support the project "EUCityCalc", developed and coordinated by Energy Cities together with a variety of European cities and partners for the Horizon 2020 call "Supporting public authorities in driving the energy transition" (LC-SC3-EC-5-2020). The main objective of the EUCityCalc project is to support public authorities at local level in planning towards climate neutrality, by using the prospective modelling approach of the European City Calculator tool.

Meeting the objectives of the Paris Agreement and ensuring that Europe becomes the first climate-neutral continent by 2050, requires cities to be in the driving seat of the transition to a decarbonised, resilient and just society. The Confagricoltura Mantova believes that EUCityCalc provides a powerful mechanism for enabling cities to take on the role as transition leaders in this regard, by supporting cities in developing and implementing scientifically robust, detailed and integrated transition pathways underpinned by a cross-sectoral and territorial approach to decarbonisation.

In this respect, Confagricoltura mantova strongly recommends EUCityCalc as an extremely timely and valuable opportunity, as it empowers cities to translate their commitments to become climate-neutral into precise, tangible and overarching transition plans.

We thereby confirm our interest in the project's results, our intention to support its dissemination activities, and further welcome opportunities for exchanging experiences.

Sincerely

The President
Alberto Cortesi

Sede Provinciale
Confagricoltura Mantova

Via L. Fancelli, 4 - 46100 Mantova
Tel.: +39 0376 330711
Fax: +39 0376 330754
e-mail: mantova@confagricoltura.it
sito web: www.confagricolturamantova.it

CONFINDUSTRIA Mantova

Il Presidente

Confindustria Mantova
Via Portazzolo, 9
46100 Mantova
ITALY

To:
Energy Cities
2 Chemin de Palente
F-25000 Besancon
France

Mantova, 3th July 2020

Letter of Support

I, the undersigned Edgardo Bianchi, on behalf of Confindustria Mantova, hereby declare that we fully support the project "EUCityCalc", developed and coordinated by Energy Cities together with a variety of European cities and partners for the Horizon 2020 call "Supporting public authorities in driving the energy transition" (LC-SC3-EC-5-2020). The main objective of the EUCityCalc project is to support public authorities at local level in planning towards climate neutrality, by using the prospective modelling approach of the European City Calculator tool.

Meeting the objectives of the Paris Agreement and ensuring that Europe becomes the first climate-neutral continent by 2050, requires cities to be in the driving seat of the transition to a decarbonised, resilient and just society.

Confindustria Mantova believes that EUCityCalc provides a powerful mechanism for enabling cities to take on the role as transition leaders in this regard, by supporting cities in developing and implementing scientifically robust, detailed and integrated transition pathways underpinned by a cross-sectoral and territorial approach to decarbonisation.

In this respect, Confindustria Mantova strongly recommends EUCityCalc as an extremely timely and valuable opportunity, as it empowers cities to translate their commitments to become climate-neutral into precise, tangible and overarching transition plans. We thereby confirm our interest in the project's results, our intention to support its dissemination activities, and further welcome opportunities for exchanging experiences.

Sincerely.

Edgardo Bianchi
President

Associazione degli Industriali della Provincia di Mantova
Via Portazzolo, 9 46100 Mantova (Mn)
Telefono 0376 2371 Fax 0376 237216
www.assind.mn.it info@assind.mn.it

PromoImpresa
Borsa Merci

AZIENDA SPECIALE
Camera di Commercio Mantova

MANTOVA MULTICENTRE
"ANTONINO ZANIBONI"
CAMERA DI COMMERCIO DI MANTOVA

PROMOIMPRESA-BORSA MERCI

Via P.F. Calvi, 28

46100 MANTOVA

To:
Energy Cities
2 Chemin de Palente
F-25000 Besancon
France

Mantova, 7 luglio 2020

Letter of Support

I, the undersigned Legal Representative LORENZO CAPELLI, on behalf of PROMOIMPRESA-BORSA MERCI, hereby declare that we fully support the project "EUCityCalc", developed and coordinated by Energy Cities together with a variety of European cities and partners for the Horizon 2020 call "Supporting public authorities in driving the energy transition" (LC-SC3-EC-5-2020). The main objective of the EUCityCalc project is to support public authorities at local level in planning towards climate neutrality, by using the prospective modelling approach of the European City Calculator tool.
Meeting the objectives of the Paris Agreement and ensuring that Europe becomes the first climate-neutral continent by 2050, requires cities to be in the driving seat of the transition to a decarbonised, resilient and just society. The PromoImpresa-Borsa Merci believes that EUCityCalc provides a powerful mechanism for enabling cities to take on the role as transition leaders in this regard, by supporting cities in developing and implementing scientifically robust, detailed and integrated transition pathways underpinned by a cross-sectoral and territorial approach to decarbonisation.

In this respect, PromoImpresa-Borsa Merci strongly recommends EUCityCalc as an extremely timely and valuable opportunity, as it empowers cities to translate their commitments to become climate-neutral into precise, tangible and overarching transition plans. We thereby confirm our interest in the project's results, our intention to support its dissemination activities, and further welcome opportunities for exchanging experiences.
Sincerely

Legal Representative
LORENZO CAPELLI

PROMOIMPRESA – BORSA MERCI
Sede legale: Via P.F. Calvi, 28 - 46100 Mantova
Codice fiscale e partita IVA: 02137410201
PEC: promoimpresa@mn.legalmail.camcom.it

Sede amministrativa
Largo di Porta Pradella, 1 – 46100 Mantova
Tel. 0376 234 372 – 378 – 428

SEGRETERIA FORMAZIONE E SERVIZI
Sede operativa: Largo di Porta Pradella, 1 – 46100 Mantova
Tel. 0376 234 351
E-mail: promoimpresa@mn.camcom.it
www.promoimpresaonline.it

CENTRO CONGRESSI MANTOVA MULTICENTRE
Largo di Porta Pradella, 1/A – 46100 Mantova
Tel. 0376 234430-1 – Fax 0376 234343
E-mail: promoimpresa@mn.camcom.it
www.mantovamulticentre.com

BORSA MERCI
Largo di Porta Pradella, 1/B - 46100 Mantova
Tel. 0376 234 431-378 - Fax 0376 234343
E-mail: borsa.merci@mn.camcom.it
www.borsamerci.mn.it

AnTiciTTà
Associazione AnTiciTTà odv
Viale Learco Guerra 4b, 46100 Mantova
tel. 348.3534747
P.IVA 01812610200

To:
Energy Cities
2 Chemin de Palente
F-25000 Besancon
France

Mantova, 13/07/2020

Letter of Support

I, the undersigned Andrea Fiozzi, on behalf of Associazione Anticittà odv, hereby declare that we fully support the project "EUCityCalc", developed and coordinated by Energy Cities together with a variety of European cities and partners for the Horizon 2020 call "Supporting public authorities in driving the energy transition" (LC-SC3-EC-5-2020). The main objective of the EUCityCalc project is to support public authorities at local level in planning towards climate neutrality, by using the prospective modelling approach of the European City Calculator tool.
Meeting the objectives of the Paris Agreement and ensuring that Europe becomes the first climate-neutral continent by 2050, requires cities to be in the driving seat of the transition to a decarbonised, resilient and just society. Associazione Anticittà odv believes that EUCityCalc provides a powerful mechanism for enabling cities to take on the role as transition leaders in this regard, by supporting cities in developing and implementing scientifically robust, detailed and integrated transition pathways underpinned by a cross-sectoral and territorial approach to decarbonisation.

In this respect, Associazione Anticittà odv strongly recommends EUCityCalc as an extremely timely and valuable opportunity, as it empowers cities to translate their commitments to become climate-neutral into precise, tangible and overarching transition plans. We thereby confirm our interest in the project's results, our intention to support its dissemination activities, and further welcome opportunities for exchanging experiences.

Sincerely

Andrea Fiozzi – Presidente Associazione Anticittà odv

PARCOBALENO
Viale Learco Guerra 4b, 46100 Mantova
www.parcobaleno.it

Atmo Bourgogne-Franche-Comté

37, rue Battant

F-25000 Besançon

France

To:
Energy Cities
2 Chemin de Palente
F-25000 Besancon
France

Besançon, 15/07/2020

Letter of Support

I, the undersigned Catherine HERVIEU, President, on behalf of Atmo Bourgogne-Franche-Comté, hereby declare that we fully support the project "EUCityCalc", developed and coordinated by Energy Cities together with a variety of European cities and partners for the Horizon 2020 call "Supporting public authorities in driving the energy transition" (LC-SC3-EC-5-2020). The main objective of the EUCityCalc project is to support public authorities at local level in planning towards climate neutrality, by using the prospective modelling approach of the European City Calculator tool.

Meeting the objectives of the Paris Agreement and ensuring that Europe becomes the first climate-neutral continent by 2050, requires cities to be in the driving seat of the transition to a decarbonised, resilient and just society. The Atmo Bourgogne-Franche-Comté believes that EUCityCalc provides a powerful mechanism for enabling cities to take on the role as transition leaders in this regard, by supporting cities in developing and implementing scientifically robust, detailed and integrated transition pathways underpinned by a cross-sectoral and territorial approach to decarbonisation.

In this respect, Atmo Bourgogne-Franche-Comté strongly recommends EUCityCalc as an extremely timely and valuable opportunity, as it empowers cities to translate their commitments to become climate-neutral into precise, tangible and overarching transition plans. We thereby confirm our interest in the project's results, our intention to support its dissemination activities, and further welcome opportunities for exchanging experiences.

Sincerely

Catherine HERVIEU,

President

Atmo Bourgogne-Franche-Comté

To:
Energy Cities
2 Chemin de Palente
F-25000 Besancon
France

Dijon le 17/08/2020

Letter of Support

I, the undersigned Eric TOURTE Employment and Innovation Delegate, on behalf of Electricity of France (EDF), hereby declare that we support the project "EUCityCalc", developed and coordinated by Energy Cities together with a variety of European cities and partners for the Horizon 2020 call "Supporting public authorities in driving the energy transition" (LC-SC3-EC-5-2020). The main objective of the EUCityCalc project is to support public authorities at local level in planning towards climate neutrality, by using the prospective modelling approach of the European City Calculator tool.

Meeting the objectives of the Paris Agreement and ensuring that Europe becomes the first climate-neutral continent by 2050, requires cities to be in the driving seat of the transition to a decarbonised, resilient and just society. EDF believes that EUCityCalc provides a mechanism very interesting for enabling cities to take on the role as transition leader.

In addition, EDF and Dijon Metropolis:

1) are developing a similar approach in the context of the RESPONSE project H2020 Topic LC-SC3-SCC-1-2018-2019-2020 with a specific platform whose one if the main functionalities is to calculate C02 emissions in real time with the sources identification.

2) are planning to test a solution to identify directlyCO2 emissions and the sources with the Start Up Ever Impact which is using satellite pictures

In conclusion, make Dijon the same place where we can test differents methods and tools in order to pave the way to a city neutral in carbon is a very challenging and interesting situation.

Sincerely

Le 17/08

Eric TOURTE

Eric TOURTE
Délégué Emploi et Innovation Bourgogne-Franche-Comté
EDF - Direction de l'Action Régionale
Délégation régionale Bourgogne Franche-Comté
40, avenue Françoise Giroud
BP 87981
21079 DIJON
eric.tourte@edf.fr
Tél. mobile : 06 81 41 83 98

SATT a.s.
Okružní 11
591 01 Žďár nad Sázavou
www.satt.cz

Energy Cities
2 Chemin de Palente
F-25000 Besancon
France

Žďár nad Sázavou, June 12th 2020

Letter of Support

I, the undersigned Ing. Petr Scheib, on behalf of SATT a. s., hereby declare that we fully support the project "EUCityCalc", developed and coordinated by Energy Cities together with a variety of European cities and partners for the Horizon 2020 call "Supporting public authorities in driving the energy transition" (LC-SC3-EC-5-2020). The main objective of the EUCityCalc project is to support public authorities at local level in planning towards climate neutrality, by using the prospective modelling approach of the European City Calculator tool.

Meeting the objectives of the Paris Agreement and ensuring that Europe becomes the first climate-neutral continent by 2050, requires cities to be in the driving seat of the transition to a decarbonised, resilient and just society. The SATT a. s. believes that EUCityCalc provides a powerful mechanism for enabling cities to take on the role as transition leaders in this regard, by supporting cities in developing and implementing scientifically robust, detailed and integrated transition pathways underpinned by a cross-sectoral and territorial approach to decarbonisation.

In this respect, SATT a. s.strongly recommends EUCityCalc as an extremely timely and valuable opportunity, as it empowers cities to translate their commitments to become climate-neutral into precise, tangible and overarching transition plans. We thereby confirm our interest in the project's results, our intention to support its dissemination activities, and further welcome opportunities for exchanging experiences.

Sincerely

SATT
SATT a.s., Okružní 1889/11
591 01 Žďár nad Sázavou
IČ: 60749105 DIČ: CZ60749105

Ing. Petr Scheib
director SATT a.s.

Energetická agentura Vysočiny

Energetická agentura Vysočiny
Nerudova 1498/8
586 01 Jihlava

To:
Energy Cities
2 Chemin de Palente
F-25000 Besancon
France

Jihlava, June 10th

Letter of Support

I, the undersigned Ing. Zbyněk Bouda, on behalf of Energetická agentura Vysočiny (Energy Advisory Agency Highland), hereby declare that we fully support the project "EUCityCalc", developed and coordinated by Energy Cities together with a variety of European cities and partners for the Horizon 2020 call "Supporting public authorities in driving the energy transition" (LC-SC3-EC-5-2020). The main objective of the EUCityCalc project is to support public authorities at local level in planning towards climate neutrality, by using the prospective modelling approach of the European City Calculator tool.

Meeting the objectives of the Paris Agreement and ensuring that Europe becomes the first climate-neutral continent by 2050, requires cities to be in the driving seat of the transition to a decarbonised, resilient and just society. The Energetická agentura Vysočiny believes that EUCityCalc provides a powerful mechanism for enabling cities to take on the role as transition leaders in this regard, by supporting cities in developing and implementing scientifically robust, detailed and integrated transition pathways underpinned by a cross-sectoral and territorial approach to decarbonisation.

In this respect, Energetická agentura Vysočiny strongly recommends EUCityCalc as an extremely timely and valuable opportunity, as it empowers cities to translate their commitments to become climate-neutral into precise, tangible and overarching transition plans. We thereby confirm our interest in the project's results, our intention to support its dissemination activities, and further welcome opportunities for exchanging experiences.

Sincerely

ENERGETICKÁ AGENTURA VYSOČINY
Tel.: 567 303 322
Nerudova 1498/8 586 01 Jihlava
IČ: 70938334 DIČ: CZ70938334

Ing. Zbyněk Bouda
Director, Energetická agentura Vysočiny

Please submit on official paper

AVIPE

Rua D. João de Castro nº12 Lj

2950-206 Palmela

To:
Energy Cities
2 Chemin de Palente
F-25000 Besancon
France

Palmela, 02 of July 2020

Letter of Support

I, the undersigned João Pedro Freitas Palhoça, on behalf of AVIPE – Palmela's Wine Grape Growers Association, hereby declare that we fully support the project "EUCityCalc", developed and coordinated by Energy Cities together with a variety of European cities and partners for the Horizon 2020 call "Supporting public authorities in driving the energy transition" (LC-SC3-EC-5-2020). The main objective of the EUCityCalc project is to support public authorities at local level in planning towards climate neutrality, by using the prospective modelling approach of the European City Calculator tool.

Meeting the objectives of the Paris Agreement and ensuring that Europe becomes the first climate-neutral continent by 2050, requires cities to be in the driving seat of the transition to a decarbonised, resilient and just society. The AVIPE believes that EUCityCalc provides a powerful mechanism for enabling cities to take on the role as transition leaders in this regard, by supporting cities in developing and implementing scientifically robust, detailed and integrated transition pathways underpinned by a cross-sectoral and territorial approach to decarbonisation.

In this respect, AVIPE strongly recommends EUCityCalc as an extremely timely and valuable opportunity, as it empowers cities to translate their commitments to become climate-neutral into precise, tangible and overarching transition plans. We thereby confirm our interest in the project's results, our intention to support its dissemination activities, and further welcome opportunities for exchanging experiences.

Sincerely

João Pedro Freitas Palhoça, President, AVIPE.

Associação de Viticultores do Concelho de Palmela
NIPC: 502 136 518
Rua João de Castro, 12 - Loja
2950-206 PALMELA
Tel./Fax: 212 353 547
geral@avipe.pt

BVLL – Cooperativa para o Desenvolvimento Sustentável, Crl

Herdade de Pinhal Basto, Vale de Barris, CCI 4238, 2950-055 Palmela Portugal

To:
Energy Cities
2 Chemin de Palente
F-25000 Besancon
France

Palmela, 7th Jully 2020

Letter of Support

I, the undersigned Director Bárbara Leão de Carvalho, on behalf of biovilla, hereby declare that we fully support the project "EUCityCalc", developed and coordinated by Energy Cities together with a variety of European cities and partners for the Horizon 2020 call "Supporting public authorities in driving the energy transition" (LC-SC3-EC-5-2020). The main objective of the EUCityCalc project is to support public authorities at local level in planning towards climate neutrality, by using the prospective modelling approach of the European City Calculator tool.

Meeting the objectives of the Paris Agreement and ensuring that Europe becomes the first climate-neutral continent by 2050, requires cities to be in the driving seat of the transition to a decarbonised, resilient and just society. Biovilla believes that EUCityCalc provides a powerful mechanism for enabling cities to take on the role as transition leaders in this regard, by supporting cities in developing and implementing scientifically robust, detailed and integrated transition pathways underpinned by a cross-sectoral and territorial approach to decarbonisation.

In this respect, Biovilla strongly recommends EUCityCalc as an extremely timely and valuable opportunity, as it empowers cities to translate their commitments to become climate-neutral into precise, tangible and overarching transition plans. We thereby confirm our interest in the project's results, our intention to support its dissemination activities, and further welcome opportunities for exchanging experiences.

Sincerely

Herdade do Pinhal Bastos
Vale dos Barris
CCI 4238 - Barris
2950-055 Palmela - Portugal
geral@biovilla.org
NIF 509236006

Bárbara Leão de Carvalho

Co-Founder and Director of biovilla

Crédito Agrícola
COSTA AZUL

The Coordinator of
ENA – Agência de Energia e Ambiente da Arrábida – Portugal Av Belo Horizonte, Ed. Escarpas Santos Nicolau

2910-422 Setúbal - Portugal

Refª: CADM/119.2020/MRP de 15 de Julho

CAIXA DE CRÉDITO AGRÍCOLA MÚTUO DA COSTA AZUL, CRL hereby declare that we fully support the project "EUCityCalc", developed and coordinated by Energy Cities together with a variety of European cities and partners for the Horizon 2020 call "Supporting public authorities in driving the energy transition" (LC-SC3-EC-5-2020). The main objective of the EUCityCalc project is to support public authorities at local level in planning towards climate neutrality, by using the prospective modelling approach of the European City Calculator tool.

Meeting the objectives of the Paris Agreement and ensuring that Europe becomes the first climate-neutral continent by 2050, requires cities to be in the driving seat of the transition to a decarbonised, resilient and just society. The CAIXA DE CRÉDITO AGRÍCOLA MÚTUO DA COSTA AZUL, CRL believes that EUCityCalc provides a powerful mechanism for enabling cities to take on the role as transition leaders in this regard, by supporting cities in developing and implementing scientifically robust, detailed and integrated transition pathways underpinned by a cross-sectoral and territorial approach to decarbonisation.

In this respect, CAIXA DE CRÉDITO AGRÍCOLA DA COSTA AZUL, CRL strongly recommends EUCityCalc as an extremely timely and valuable opportunity, as it empowers cities to translate their commitments to become climate-neutral into precise, tangible and overarching transition plans. We thereby confirm our interest in the project's results, our intention to support its dissemination activities, and further welcome opportunities for exchanging experiences.

Yours Sincerely,

The Board of Directors

Sede:
Av. D. Nuno Álvares Pereira, 2 7540-102 Santiago do Cacém · Tel. 269 829 340 · Fax 269 829 345 · E-mail: costazul@creditoagricola.pt
Linha Directa 808 20 60 60 · linhadirecta@creditoagricola.pt · 24 horas por dia, com atendimento personalizado de 2ª a 6ª Feira das 8:30 às 23:30 horas;
Sábados, Domingos e Feriados das 10:00 às 23:00 horas NIPC: 500 892 784 · Conservatória do Registo Comercial de Santiago do Cacém

Association of Municipalities of the Region of Setúbal
Avenida Dr. Manuel Arriaga, n.º 6 – 2. Esq.
2900-473 Setúbal
Portugal

To:
Energy Cities
2 Chemin de Palente
F-25000 Besancon
France

Setúbal, July 3, 2020

Letter of Support

I, the undersigned General Secretary of the Directing Council, Sofia Martins, on behalf of the Association of Municipalities of the Region of Setúbal (forward designated as AMRS), hereby declare that we fully support the project "EUCityCalc", developed and coordinated by Energy Cities together with a variety of European cities and partners for the Horizon 2020 call "Supporting public authorities in driving the energy transition" (LC-SC3-EC-5-2020). The main objective of the EUCityCalc project is to support public authorities at local level in planning towards climate neutrality, by using the prospective modelling approach of the European City Calculator tool.

Meeting the objectives of the Paris Agreement and ensuring that Europe becomes the first climate-neutral continent by 2050, requires cities to be in the driving seat of the transition to a decarbonised, resilient and just society. The Association of Municipalities of the Region of Setúbal believes that EUCityCalc provides a powerful mechanism for enabling cities to take on the role as transition leaders in this regard, by supporting cities in developing and implementing scientifically robust, detailed and integrated transition pathways underpinned by a cross-sectoral and territorial approach to decarbonisation.

In this respect, Association of Municipalities of the Region of Setúbal strongly recommends EUCityCalc as an extremely timely and valuable opportunity, as it empowers cities to translate their commitments to become climate-neutral into precise, tangible and overarching transition plans. We thereby confirm our interest in the project's results, our intention to support its dissemination activities, and further welcome opportunities for exchanging experiences.

Sincerely

Sofia Martins
General Secretary of the Directing Council
Association of Municipalities of the Region of Setúbal

ADREPES
Associação de Desenvolvimento Regional da Península de Setúbal

Estrada Nacional 379
Espaço Fortuna Artes e Ofícios
2950-807 Quinta do Anjo,
Apartado 91- 2951-901 Palmela,
Portugal

To:
Energy Cities
2 Chemin de Palente
F-25000 Besancon
France

Palmela,22-07-2020

Letter of Support

I, the undersigned Dr, Joaquim, Carapeto, on behalf of ADREPES – Associação de Desenvolvimento Regional da Península de Setúbal, hereby declare that we fully support the project "EUCityCalc", developed and coordinated by Energy Cities together with a variety of European cities and partners for the Horizon 2020 call "Supporting public authorities in driving the energy transition" (LC-SC3-EC-5-2020). The main objective of the EUCityCalc project is to support public authorities at local level in planning towards climate neutrality, by using the prospective modelling approach of the European City Calculator tool.

Meeting the objectives of the Paris Agreement and ensuring that Europe becomes the first climate-neutral continent by 2050, requires cities to be in the driving seat of the transition to a decarbonised, resilient and just society. The ADREPES – Associação de Desenvolvimento Regional da Península de Setúbal, believes that EUCityCalc provides a powerful mechanism for enabling cities to take on the role as transitiou leaders in this regard, by supporting cities in developing and implementing scientifically robust, detailed and integrated transition pathways underpinned by a cross-sectoral and territorial approach to decarbonisation.

In this respect, ADREPES – Associação de Desenvolvimento Regional da Península de Setúbal strongly recommends EUCityCalc as an extremely timely and valuable opportunity, as it empowers cities to translate their commitments to become climate-neutral into precise, tangible and overarching transition plans. We thereby confirm our interest in the project's results, our intention to support its dissemination activities, and further welcome opportunities for exchanging experiences.

Sincerely

ADREPES
ASSOCIAÇÃO DE DESENVOLVIMENTO
REGIONAL DA PENÍNSULA DE SETÚBAL
Cont. N.º 505 812 630
Estrada Nacional 379 Espaço Fortuna
2950-807 Quinta do Anjo - PALMELA

[Joaquim Carapeto] [Chairman] ADREPES

Society for sustainable development design
Janka Rakuše 1
10000 Zagreb
Croatia

To:
Energy Cities
2 Chemin de Palente
F-25000 Besancon
France

Zagreb, 14.07.2020.

Letter of Support

I, the undersigned Executive Director, Slavica Robić, on behalf of Society for sustainable development design, hereby declare that we fully support the project "EUCityCalc", developed and coordinated by Energy Cities together with a variety of European cities and partners for the Horizon 2020 call "Supporting public authorities in driving the energy transition" (LC-SC3-EC-5-2020). The main objective of the EUCityCalc project is to support public authorities at local level in planning towards climate neutrality, by using the prospective modelling approach of the European City Calculator tool.

Meeting the objectives of the Paris Agreement and ensuring that Europe becomes the first climate-neutral continent by 2050, requires cities to be in the driving seat of the transition to a decarbonised, resilient and just society. The Society for sustainable development design believes that EUCityCalc provides a powerful mechanism for enabling cities to take on the role as transition leaders in this regard, by supporting cities in developing and implementing scientifically robust, detailed and integrated transition pathways underpinned by a cross-sectoral and territorial approach to decarbonisation.

In this respect Society for sustainable development design strongly recommends EUCityCalc as an extremely timely and valuable opportunity, as it empowers cities to translate their commitments to become climate-neutral into precise, tangible and overarching transition plans. We thereby confirm our interest in the project's results, our intention to support its dissemination activities, and further welcome opportunities for exchanging experiences.

Sincerely

Slavica Robić, Executive Director

Society for sustainable development design

Društvo za oblikovanje održivog razvoja
Janka Rakuše 1, HR - 10 000 Zagreb
OIB. 19904220725 T. +385 1 4655 441 E. info@door.hr
www.door.hr

SVEUČILIŠTE JOSIPA JURJA STROSSMAYERA U OSIJEKU
FAKULTET ELEKTROTEHNIKE, RAČUNARSTVA I INFORMACIJSKIH TEHNOLOGIJA OSIJEK
JOSIP JURAJ STROSSMAYER UNIVERSITY OF OSIJEK
FACULTY OF ELECTRICAL ENGINEERING, COMPUTER SCIENCE AND INFORMATION TECHNOLOGY OSIJEK
FERIT

CLASS: 602-04/20-01/19
REG.NO.: 2158/80-01-20-08
Osijek, 21 July 2020

To:
Energy Cities
2 Chemin de
Palente
F-25000 Besancon
France

Letter of Support

I, the undersigned Ph.D. Drago, Žagar, on behalf of Faculty of Electrical Engineering, Computer Science and Information Technology Osijek, hereby declare that we fully support the project "EUCityCalc", developed and coordinated by Energy Cities together with a variety of European cities and partners for the Horizon 2020 call "Supporting public authorities in driving the energy transition" (LC-SC3-EC-5-2020). The main objective of the EUCityCalc project is to support public authorities at local level in planning towards climate neutrality, by using the prospective modelling approach of the European City Calculator tool.

Meeting the objectives of the Paris Agreement and ensuring that Europe becomes the first climate-neutral continent by 2050, requires cities to be in the driving seat of the transition to a decarbonised, resilient and just society. The Faculty of Electrical Engineering, Computer Science and Information Technology Osijek believes that EUCityCalc provides a powerful mechanism for enabling cities to take on the role as transition leaders in this regard, by supporting cities in developing and implementing scientifically robust, detailed and integrated transition pathways underpinned by a cross-sectoral and territorial approach to decarbonisation.

In this respect, Faculty of Electrical Engineering, Computer Science and Information Technology Osijek strongly recommends EUCityCalc as an extremely timely and valuable opportunity, as it empowers cities to translate their commitments to become climate-neutral into precise, tangible and overarching transition plans. We thereby confirm our interest in the project's results, our intention to support its dissemination activities, and further welcome opportunities for exchanging experiences.

Yours sincerely,

Dean
FERIT
Dr. Drago Žagar, Full Professor

ZERO - Associação Sistema Terrestre Sustentável
Av. de Berna, 31 2º dto. (sala 2)
1050-038 Lisboa
Portugal

To:
Energy Cities
2 Chemin de Palente
F-25000 Besancon
France

Lisboa, 1st of July 2020

Letter of Support

I, the undersigned Francisco Ferreira, president of the board, on behalf of ZERO - Associação Sistema Terrestre Sustentável, hereby declare that we fully support the project "EUCityCalc", developed and coordinated by Energy Cities together with a variety of European cities and partners for the Horizon 2020 call "Supporting public authorities in driving the energy transition" (LC-SC3-EC-5-2020). The main objective of the EUCityCalc project is to support public authorities at local level in planning towards climate neutrality, by using the prospective modelling approach of the European City Calculator tool.

Meeting the objectives of the Paris Agreement and ensuring that Europe becomes the first climate-neutral continent by 2050, requires cities to be in the driving seat of the transition to a decarbonised, resilient and just society. ZERO believes that EUCityCalc provides a powerful mechanism for enabling cities to take on the role as transition leaders in this regard, by supporting cities in developing and implementing scientifically robust, detailed and integrated transition pathways underpinned by a cross-sectoral and territorial approach to decarbonisation.

In this respect, ZERO strongly recommends EUCityCalc as an extremely timely and valuable opportunity, as it empowers cities to translate their commitments to become climate-neutral into precise, tangible and overarching transition plans. We thereby confirm our interest in the project's results, our intention to support its dissemination activities, and further welcome opportunities for exchanging experiences.

Sincerely

Francisco Ferreira

President of the board

To:
Energy Cities
2 Chemin de Palente
F-25000 Besancon
France

Brussels, 10 July 2020

Letter of Support

I, the undersigned, Wendel Trio, Director, on behalf of CAN Europe, hereby declare that we fully support the project "EUCityCalc", developed and coordinated by Energy Cities together with a variety of European cities and partners for the Horizon 2020 call "Supporting public authorities in driving the energy transition" (LC-SC3-EC-5-2020). The main objective of the EUCityCalc project is to support public authorities at local level in planning towards climate neutrality, by using the prospective modelling approach of the European City Calculator tool.

Meeting the objectives of the Paris Agreement and ensuring that Europe becomes the first climate-neutral continent by 2050, requires cities to be in the driving seat of the transition to a decarbonised, resilient and just society. CAN Europe believes that EUCityCalc provides a powerful mechanism for enabling cities to take on the role as transition leaders in this regard, by supporting cities in developing and implementing scientifically robust, detailed and integrated transition pathways underpinned by a cross-sectoral and territorial approach to decarbonisation.

In this respect, CAN Europe strongly recommends EUCityCalc as an extremely timely and valuable opportunity, as it empowers cities to translate their commitments to become climate-neutral into precise, tangible and overarching transition plans. We thereby confirm our interest in the project's results, our intention to support its dissemination activities, and further welcome opportunities for exchanging experiences.

Sincerely

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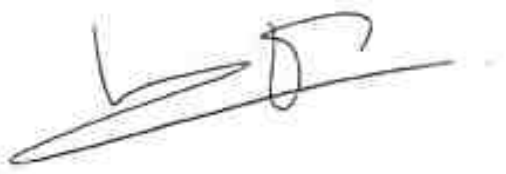
Wendel Trio, Director, CAN Europe



Climate Action Network Europe asbl
Rue d'Edimbourg 26, 1050 Brussels, Belgium
Tel: +32 (0) 2 89 44 670
E-mail: info@caneurope.org
www.caneurope.org

Climate Action Network (CAN) Europe is Europe's leading NGO coalition fighting dangerous climate change. With over 160 member organisations from 38 European countries, representing over 1.700 NGOs and more than 40 million citizens, CAN Europe promotes sustainable climate, energy and development policies throughout Europe.

To:
Energy Cities
2 Chemin de Palente
F-25000 Besancon
France

Brussels, 28 May 2020

Letter of Support

Participation to the Advisory Board

I, Erica Hope (Director for Climate Planning and Laws at the European Climate Foundation) hereby confirm my interest to participate as member of the Advisory Board of the project "EUCityCalc", developed and coordinated by Energy Cities together with a variety of European cities and partners for the Horizon 2020 call "Supporting public authorities in driving the energy transition" (LC-SC3-EC-5-2020). The main objective of the EUCityCalc project is to support public authorities at local level in planning towards climate neutrality, by using the prospective modelling approach of the European City Calculator tool.

Meeting the objectives of the Paris Agreement and ensuring that Europe becomes the first climate-neutral continent by 2050, requires cities to be in the driving seat of the transition to a decarbonised, resilient and just society. EUCityCalc provides a powerful mechanism for enabling cities to take on the role as transition leaders in this regard, by supporting cities in developing and implementing scientifically robust, detailed and integrated transition pathways underpinned by a cross-sectoral and territorial approach to decarbonisation.

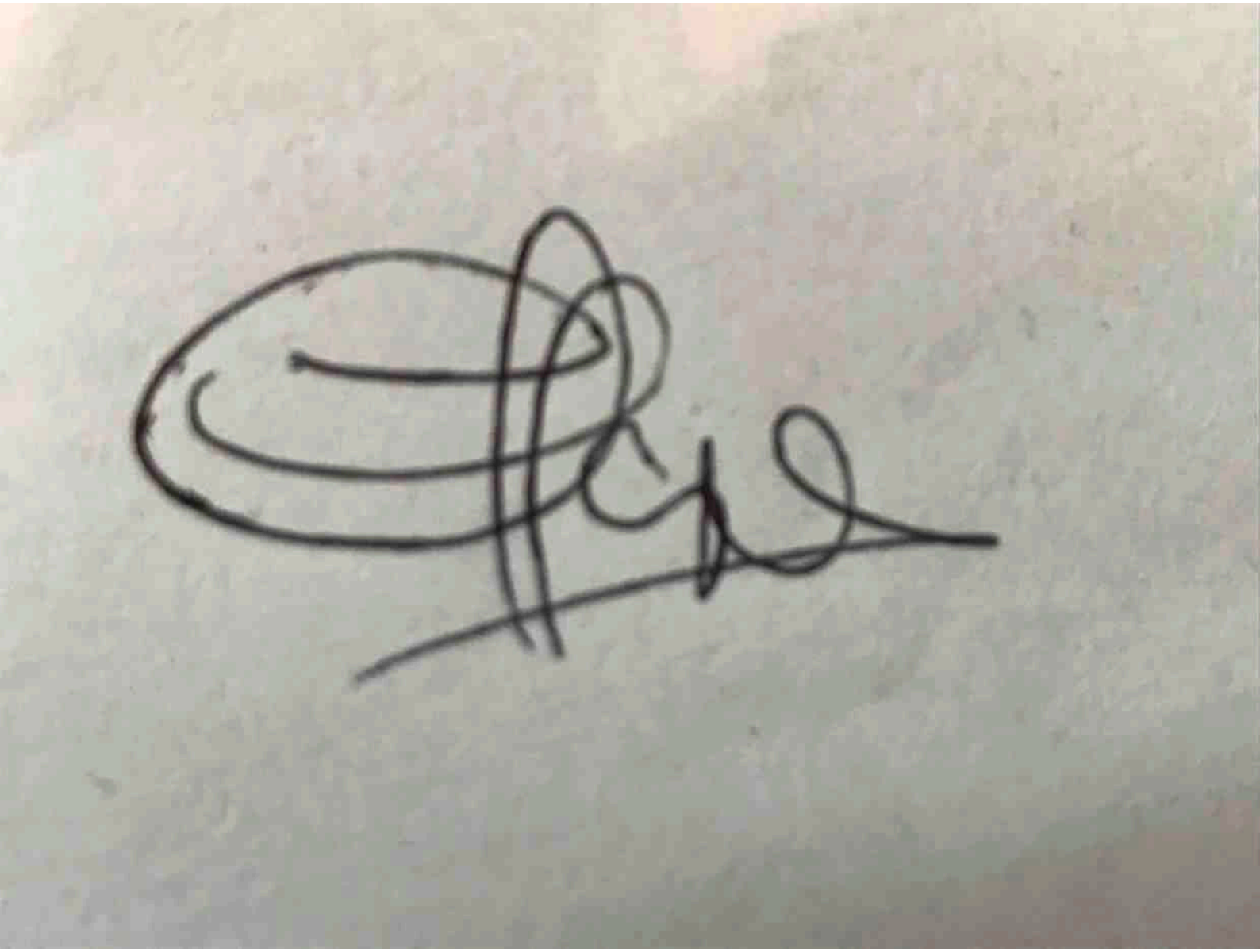
The European Climate Foundation is a philanthropically-funded strategic grant-making organisation which seeks to build knowledge, tools, political advocacy strategies and coalitions to drive the transition towards a net zero emission society by mid-century. We consider that political commitment to the net zero goal must be governed by over-arching legal frameworks, and underpinned by clear back-cast planning processes: what are the pathways to reach net zero, and which actions need to be taken *now* to get on those pathways? As director of the ECF's climate governance activities, I shape and oversee a portfolio of grants that are designed to drive the adoption and effective use of these processes. Many of the most relevant actions for the transition to climate neutrality will be determined and taken at city level, and the activities proposed in this project look well-placed to offer tangible support to the pilot cities and learning to others. As such I am interested to offer my support to the project and to use the ECF's network and own activities to help spread any insights arising from it.

If the project proposal is evaluated positively and selected for funding under the Horizon 2020 programme, I, in my role as Member of the Advisory Board of the project and following the demand of the consortium leader, commit to participate and contribute to the activities of the Advisory Board, which include three meetings and the provision of feedback on (a limited amount of) essential documents throughout the project implementation.

Yours sincerely

Erica Hope

Director for Climate Planning and Laws, European Climate Foundation



To:
Energy Cities
2 Chemin de Palente
F-25000 Besancon
France

Berlin, June 9, 2020

Letter of Intent

Participation in the EUCityCalc Advisory Board

I, the undersigned Matthias Duwe, Head, Climate at Ecologic Institute, hereby confirm my interest to participate as member of the Advisory Board of the project "EUCityCalc", developed and coordinated by Energy Cities together with a variety of European cities and partners for the Horizon 2020 call "Supporting public authorities in driving the energy transition" (LC-SC3-EC-5-2020). The main objective of the EUCityCalc project is to support public authorities at local level in planning towards climate neutrality, by using the prospective modelling approach of the European City Calculator tool.

I have led national and European research projects looking into different aspects of the transition to climate neutrality – especially the role of long-term strategies and planning documents, what constitutes governance systems for the transition and how EU policy can support such processes and systems at different levels of decision-making. It is this expertise that I can bring to the "EUCityCalc" Advisory Board.

If the project proposal is evaluated positively and selected for funding under the Horizon 2020 programme, I, in my role as Member of the Advisory Board of the project and upon request by the consortium leader, commit to participate and contribute to the activities of the Advisory Board in a personal capacity. This includes up to three meetings and the provision of feedback on (a limited amount of) essential documents over the course of the project' implementation.

I hereby declare that I am not involved in any proposals seeking funding under this call and that I do not stand to benefit financially from the project's success or the involvement in Board.

Yours sincerely,

Matthias Duwe, Head, Climate, Ecologic Institute

Ecologic Institute

Berlin
Brussels
Washington DC

Pfalzburger Strasse 43/44
D-10717 Berlin

Tel. +49 30 86880-0
Fax +49 30 86880-100

www.ecologic.eu
www.eius.org

Ecologic Institut
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GF/Director: Dr. Camilla Bausch

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To:
Energy Cities
2 Chemin de Palente
F-25000 Besancon
France

Brussels, 29/06/2020

Letter of Support

Participation to the Advisory Board

I, the undersigned Mr. DERUWE Eddy, Project Coordinator, hereby confirm my interest to participate as member of the Advisory Board of the project "EUCityCalc", developed and coordinated by Energy Cities together with a variety of European cities and partners for the Horizon 2020 call "Supporting public authorities in driving the energy transition" (LC-SC3-EC-5-2020). The main objective of the EUCityCalc project is to support public authorities at local level in planning towards climate neutrality, by using the prospective modelling approach of the European City Calculator tool.

Meeting the objectives of the Paris Agreement and ensuring that Europe becomes the first climate-neutral continent by 2050, requires cities to be in the driving seat of the transition to a decarbonised, resilient and just society. EUCityCalc provides a powerful mechanism for enabling cities to take on the role as transition leaders in this regard, by supporting cities in developing and implementing scientifically robust, detailed and integrated transition pathways underpinned by a cross-sectoral and territorial approach to decarbonisation.

In my capacity as coordinator of the LIFE BE REEL IP project we are aiming to support the Long Term Renovation Strategies 2050 for both the Flemish and the Walloon regions in Belgium. The project implements pilots and demonstration renovation projects, capacity learning and communication campaigns with local and regional stakeholders for the building sector, local authorities and renovation advice services.

If the project proposal is evaluated positively and selected for funding under the Horizon 2020 programme, I, in my role as Member of the Advisory Board of the project and following the demand of the consortium leader, commit to participate and contribute to the activities of the Advisory Board, which include three meetings and the provision of feedback on (a limited amount of) essential documents throughout the project implementation.

Sincerely

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Eddy DERUWE,
LIFE BE REEL! Project Coordinator,
Flemish Energy Agency (Flemish Government)

Signature Eddy Deruwe (Authenticati on) Digitaal ondertekend door Eddy Deruwe (Authentication) Datum: 2020.06.29 11:59:47 +02'00'

To:
Energy Cities
2 Chemin de Palente
F-25000 Besancon
France

The Haghue, 10th of August 2020

Letter of Support

Participation to the Advisory Board

I, the undersigned Dr. Ekki Kreutzberger, senior researcher, hereby confirm my interest to participate as member of the Advisory Board of the project "EUCityCalc", developed and coordinated by Energy Cities together with a variety of European cities and partners for the Horizon 2020 call "Supporting public authorities in driving the energy transition" (LC-SC3-EC-5-2020). The main objective of the EUCityCalc project is to support public authorities at local level in planning towards climate neutrality, by using the prospective modelling approach of the European City Calculator tool.

Meeting the objectives of the Paris Agreement and ensuring that Europe becomes the first climate-neutral continent by 2050, requires cities to be in the driving seat of the transition to a decarbonised, resilient and just society. EUCityCalc provides a powerful mechanism for enabling cities to take on the role as transition leaders in this regard, by supporting cities in developing and implementing scientifically robust, detailed and integrated transition pathways underpinned by a cross-sectoral and territorial approach to decarbonisation.

In my capacity as expert in the field of urban mobility, urban development, and strategic municipal planning, with a large interest in climate mitigation, and experienced as scientific researcher at the Delft University of Technology and as civil servant at different Dutch and German municipalities, will advise the project when such expertise is needed. The expertise includes knowledge and experience as a user of city traffic models. Regarding the long-term transition towards climate neutrality in cities, I have advised the traffic department of the city of The Hague on long-term carbon reduction of mobility, and published an article in a scientific journal concerning long-term (2050) climate mitigation in the field of mobility in the four large cities of the Netherlands. Furthermore, I have initiated and am the project coordinator of the Interreg Europe project "2050 Climate-friendly Mobility in Cities (2050 CliMobCity)", which has started in 2019 and represents a cooperation of five European cities, the Delft University of Technology and The Potsdam Institute of Climate Impact Research.

If the project proposal is evaluated positively and selected for funding under the Horizon 2020 programme, I, in my role as Member of the Advisory Board of the project and following the demand of the consortium leader, commit to participate and contribute to the activities of the Advisory Board, which include three meetings and the provision of feedback on (a limited amount of) essential documents throughout the project implementation.

Sincerely

Ekki Kreutzberger
Senior researcher, PhD
Project coordinator 2050 CliMobCity
TU Delft / Faculty of Civil Engineering and GeoSciences
Department Transport and Planning
Stevinweg 1, 2628 CN Delft
PO-box 5048, 2600 GA Delft
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T +31 6 39112501
E e.d.kreutzberger@tudelft.nl

FACULDADE DE
CIÊNCIAS E TECNOLOGIA
UNIVERSIDADE NOVA DE LISBOA
Departamento de Ciências e Engenharia do Ambiente

To:
Energy Cities
2 Chemin de Palente
F-25000 Besancon
France

Lisboa, July 17th, 2020

Letter of Support
Participation to the Advisory Board

I, the undersigned Prof. Júlia Seixas, Professor at School of Science and Technology of NOVA University of Lisbon, and coordinator of the Energy and Climate group of the Research Center for Environment and Sustainability, hereby confirm my interest to participate as member of the Advisory Board of the project "EUCityCalc", developed and coordinated by Energy Cities together with a variety of European cities and partners for the Horizon 2020 call "Supporting public authorities in driving the energy transition" (LC-SC3-EC-5-2020). The main objective of the EUCityCalc project is to support public authorities at local level in planning towards climate neutrality, by using the prospective modelling approach of the European City Calculator tool.
Meeting the objectives of the Paris Agreement and ensuring that Europe becomes the first climate-neutral continent by 2050, requires cities to be in the driving seat of the transition to a decarbonised, resilient and just society. EUCityCalc provides a powerful mechanism for enabling cities to take on the role as transition leaders in this regard, by supporting cities in developing and implementing scientifically robust, detailed and integrated transition pathways underpinned by a cross-sectoral and territorial approach to decarbonisation.

In my capacity as expert for more than 20 years in integrated energy system modelling, I have coordinated several studies to support public policies on energy transition to renewables and climate mitigation, mostly invited by successive governments of Portugal. Recently, under the premises of the EIT Climate KIC, I've been coordinated the project 'Sustainable Historic Districts', where technical knowledge is combined with a set of enablers like citizen-cocreation, collective management, data commons and data interoperability, business models and capital alignment, to propose innovative projects to transform gentrified historic districts into sustainable, carbon neutral and resilient ones, in five southern European cities. Therefore, I believe I can contribute significantly to the EUCityCalc project in different aspects.

If the project proposal is evaluated positively and selected for funding under the Horizon 2020 programme, I, in my role as Member of the Advisory Board of the project and following the demand of the consortium leader, commit to participate and contribute to the activities of the Advisory Board, which include three meetings and the provision of feedback on (a limited amount of) essential documents throughout the project implementation.

Sincerely
Júlia Seixas

Júlia Seixas, Professor
Faculdade de Ciências e Tecnologia, Universidade Nova de Lisboa

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2829-516 CAPARICA
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