



TOWARDS SMART ZERO CO₂ CITIES ACROSS EUROPE
VITORIA-GASTEIZ + TARTU + SØNDERBORG

Deliverable 8.11: Smart City Network Activities Report V5

WP8, Task 8.1

Date of document

15/07/2022 (M78)

Deliverable Version:	D8.11, V.5
Dissemination Level:	PU ¹
Author(s):	Kristina Bozhkova (ZERO), Peter Rathje (ZERO), Koldo Urrutia (TEC), Sara Botto (RINA) Ivanka Pandelieva (SEC), Andra Asser (IBS), Merit Tatar (IBS), Julia Vicente (CAR), Charlotte Schlicke (SEZ)

¹ PU = Public



Document History

Project Acronym	SmartEnCity		
Project Title	Towards Smart Zero CO2 Cities across Europe		
Project Coordinator	Francisco Rodriguez Tecnalia francisco.rodriguez@tecnalia.com		
Project Duration	1 st February 2016 - 31 st July 2022 (78 months)		
Deliverable No.	D8.11 Smart City Network Activities Report V5		
Diss. Level	Public		
Deliverable Lead	ZERO		
Status	X	Working	
	X	Verified by other WPs	
	X	Final version	
Due date of deliverable	31/07/2022		
Actual submission date	15/07/2022		
Work Package	WP 8 – Replication to Followers and Smart Cities Network		
WP Lead	IBS		
Contributing beneficiary(ies)	ZERO, TEC, RINA, SEC, IBS, CAR, SEZ		
Date	Version	Person/Partner	Comments
28.06.2022	REV01	Kristina Bozhkova, ProjectZero	First draft of the deliverable
12.07.2022	REV02	Kristina Bozhkova, ProjectZero	Final draft after inputs from TEC, RINA, SECN, IBS
15.07.2022	REV03	Kristina Bozhkova, ProjectZero	Final report after official final review and inputs from CAR and SEZ

Copyright notice

© 2016-2018 SmartEnCity Consortium Partners. All rights reserved. All contents are reserved by default and may not be disclosed to third parties without the written consent of the SmartEnCity partners, except as mandated by the European Commission contract, for reviewing and dissemination purposes.

All trademarks and other rights on third party products mentioned in this document are acknowledged and owned by the respective holders. The information contained in this document represents the views of SmartEnCity members as of the date they are published. The SmartEnCity consortium does not guarantee that any information contained herein is error-free, or up to date, nor makes warranties, express, implied, or statutory, by publishing this document.



Table of content:

0	Publishable Summary	6
1	Introduction	7
1.1	Purpose and target group	7
1.2	Contributions of partners.....	7
1.3	Relation to other activities in the project.....	8
2	Objectives and expected Impact	9
2.1	Objective.....	9
2.2	Expected Impact.....	9
3	Overall Approach	10
3.1	Development of the value proposition	10
3.2	Development of the SmartEnCity Network strategy	11
3.3	Partners involved.....	12
4	Detailed description of the overall approach	14
4.1	SmartEnCity Network Bulletin.....	14
4.2	SmartEnCity Network (Website) Platform	16
4.3	SmartEnCity Network members.....	17
4.4	Organisation of SECN capacity building workshops	18
4.5	National SECN based capacity building workshops.....	18
4.5.1	SECN-DK	19
4.5.2	SECN-EE.....	20
4.5.3	SECN-ES.....	22
4.5.4	SECN-IT	23
4.5.5	SECN-BG	24
4.6	SmartEnCity City Check-up Assessment for SECN.....	25
4.7	15+ IEP cities	25
4.8	Promotion of the SECN.....	27
4.9	Participants/people reached until M78.....	27
5	Scope of work in the next 12 months	29
6	Deviations to the plan	30
7	Outputs for other WPs	31
8	Annex	32



Table of Tables:

Table 1: Abbreviations and Acronyms	5
Table 2: Contribution of partners	7
Table 3: Relation to other activities in the project	8
Table 4 SmartEnCity Network member target vs current status	12

Table of Figures:

Figure 1 SmartEnCity Network (M78).....	6
Figure 2 Five step model for SECN members	11
Figure 3 SECN Strategy approach on how to reach 15 IEP replication cities	12
Figure 4 SECN website platform, monthly audience activity between M66-M78	16
Figure 5 SECN website platform, monthly audience activity since the start of the platform	16
Figure 6 Statistics, SECN Platform	16
Figure 7 Geographical coverage of the locations that the SECN Platform was accessed, M66-M78	17
Figure 8 Acquisition overview of the SECN Platform, M66-M78	17
Figure 9 SmartEnCity Network member growth progression between M24 and M78..	18
Figure 10 SECN-DK members (photo credit ZERO)	19
Figure 11 Online meetings of the Energibyerne (photo credit ZERO)	19
Figure 12 SECN-EE members (photo credit ZERO)	20
Figure 13 The Estonian Smart Cities Club meeting in Paide city, 22 April 2022 (photo credit IBS).....	21
Figure 14 SECN-IT members (photo credit ZERO)	23
Figure 15 SECN-BG members (photo credit ZERO)	24
Figure 16 SmartEnCity Replication Award (photo credit ZERO).....	26



Abbreviations and Acronyms

Abbreviation/Acronym	Description
SmartEnCity	Towards Smart Zero CO2 Cities across Europe
SEC	SmartEnCity
SECN	SmartEnCity Network
SECN-XX	Referring to national SmartEnCity Networks as a whole
SECN-DK	Danish SmartEnCity Network (national)
SECN-EE	Estonian SmartEnCity Network (national)
SECN-ES	Spanish SmartEnCity Network (national)
SECN-IT	Italian SmartEnCity Network (national)
SECN-BG	Bulgarian SmartEnCity Network (national)
IUP	Integrated Urban Plan
IEP	Integrated Energy Plan
Q	Quarter
M	Month
WP	Work package
ZERO	ProjectZero
TAR	Tartu municipality
LECC	Lecce municipality
IBS	Institute of Baltic Studies
SEZ	Steinbeis Europa Zentrum
CAR	Cartif
SEC (when talking about partners)	Sofia Energy Center
ASEN	Asenovgrad municipality
ACC	Acciona
AVG	Vitoria-Gasteiz municipality
PLAN	PlanEnergi
AAU	Aalborg University
TEC	Tecnalía
TREA	Tartu Regional Energy Agency
Lol	Letter of Interest

Table 1: Abbreviations and Acronyms



0 Publishable Summary

The SmartEnCity Network has successfully completed its extended 78 months. The main objectives between M48 and M66 (original end date of the project) which also have been main focus until M78 are:

- to continue scaling up the number of Network participant members; to increase the level of engagement with the SECN members and reach 60 SECN members which has been achieved as of M66;
- knowledge transfer in regard to IEP and learnings from already established IEPs;
- To accelerate the initiatives, collaboration, and learnings of the national SECN-XX networks and best possible secure their continued operation after the completion of the SmartEnCity-project improving communication with the SECN participant members.

Currently (as of M78), the SECN consists of 70 member cities (overachieved the M66 target) from 18 different countries (see Figure 1).

The COVID-19 pandemic continued affecting Europe throughout this reporting period which is why many of the planned Network activities have been either held virtually, postponed or cancelled. Especially affected has been the development of the Spanish SECN which has been postponed and have started in Q2 2022. Despite the pandemic, the successful

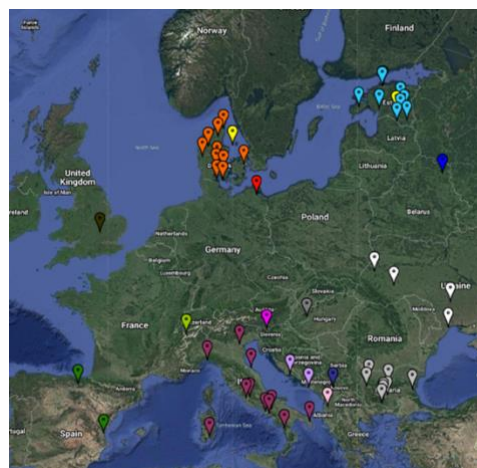


Figure 1 SmartEnCity Network (M78)

implementation of the national SECNs is observed in the other four target countries (Denmark, Estonia, Italy and Bulgaria), with the national SECNs in Denmark and Estonia successfully running for over 4 and 3 years, respectively. Furthermore, the Danish SECN (Energibyerne), were successful in obtaining a joint funding which resulted in the WeCARE project (explained further in the report).

Furthermore, the goal of reaching at least 15 cities that are willing to replicate, have started replicating or already follow the Cities4ZERO methodology was overachieved by reaching a total of 19 cities and 1 city association which consists of 11 cities. With this in mind, it is considered that the task 8.1 is complete and goals set achieved.

Leader of Task 8.1 has been ZERO in close cooperation with the following involved partners: IBS, TREA, TAR, PLAN, AAU, TEC, AVG, ACC, RINA, LECC, SEZ, ASEN and SEC. This close cooperation derives from the need for creation of national based SECNs in the five core SEC countries, continuous development of the SECN strategy and value proposition. IBS, SEC, RINA, TEC and ZERO took up the task to create and manage the national networks in their countries of origin, ensuring the knowledge transfer from the outcomes of the SEC project, solutions and initiatives from the international SECN but also ensuring the successful implementation of these nationally, having in mind what barriers exist on a local level. The rest of the partners have been an integral part of the strategic meetings, national based SECN meetings and implementation of this task and connected the WP with the other WPs e.g. WP9, WP7, etc.



1 Introduction

Establishing the SmartEnCity Network (SECN) has been an important and integrated part of the SmartEnCity project, especially for the large-scale replication of the systemic approaches demonstrated. It is integrated in the sense that the SEC network connects and replicates the findings in the SEC Lighthouse and Follower cities with the ambitions and needs for similar systemic transitions in all small and medium sized cities across Europe, which is the main focus of the SECN target group.

During the timeframe between M66 and M78, the efforts in growing the Network and engaging furthermore with the city members have been boosted as much as possible. This SmartEnCity Deliverable 8.11 Report_V5 provides a final (M78) status of the activities and the actions taken towards achieving the established ambitious goals of operating the SEC Network.

1.1 Purpose and target group

Deliverable 8.11 is a part of the continuous analysis and evaluation of the SECN development and its operation. Although this deliverable will be the last official update from the SECN, a section about future plans and the SECN development after the end of the project is included. The purpose of the deliverable 8.11 is to highlight the work done regarding the SECN between M66 and M78.

This deliverable is a public document, therefore, the main target group besides the SEC project partners and SCC1 projects are any other interested audience groups.

1.2 Contributions of partners

The following Table 2 depicts the main contributions from participant partners in the development of this deliverable.

Participant short name	Contributions
ZERO	Overall content to all sections, overall review to all sections.
TEC	SECN-ES content
SEC	SECN-BG content
SEZ	Overall deliverable review, contribution to SmartEnKIT development and implementation to website, contributing the communication and dissemination of SECN actions via website and social media.
IBS	SECN-EE content
RINA	SECN-IT content
CAR	Overall deliverable review

Table 2: Contribution of partners



1.3 Relation to other activities in the project

The following Table 3 depicts the main relationship of this deliverable to other activities (or deliverables) developed within the SmartEnCity project that should be considered along with this document for further understanding of its contents.

Deliverable Number	Contributions
D2.8	This deliverable presents Cities4ZERO strategy, the methodology followed in the 5 cities of the project, which is extended to the network cities.
D8.6	IEPs from each of SEC cities will be used as inspiration material for the SECN cities and events.
D8.7	This deliverable also provides input for the D8.7 widening the scope of replication
D8.9	This deliverable provides input for Replication Toolkit.
WP9	This deliverable also provides input for various WP9 deliverables regarding communication, dissemination, exploitation, and training webinars etc.

Table 3: Relation to other activities in the project

2 Objectives and expected Impact

2.1 Objective

In the following few paragraphs, a short summary of the objectives per reporting periods is provided:

- M01 - M12 were focused on establishing a robust joint platform for recruiting cities to the SECN, to secure interested cities for a large-scale replication of the systemic approach demonstrated in the SmartEnCity project.
- M13 - M24 have been focused on scaling up the number of participating cities, on implementing scheduled activities and on developing content to start the joint City Journey toward an Integrated Urban Plan (IUP) for additional 15+ qualified and motivated replication SECN cities.
- M24 – M48 were focused on the continuous increasing of the number of SECN city members, establishing national based SECNs in the five core countries of the project (i.e. Estonia, Spain, Denmark, Italy and Bulgaria), sharing the knowledge generated about the Integrated Energy Plan (IEP) concept (formally known as IUP) to all SECN city members and engaging them in a deeper understanding of the concept via the SmartEnCity Network Bulletin, SmartEnCity Network Platform, the City Check-up Assessment, participation to events on the topic, etc.
- M48 - M66 were heavily affected by the COVID-19 pandemic. The WP8 task force and all partners coordinating national based SECNs have been constantly adjusting to the various pandemic restrictions and have tried to find a way to continue activities as much as possible. The focus of this period has been to continue the engagement of the SECN members, increase communication and keep their interest in the SEC project solutions and outcomes as high as possible.
- M66 – M78 has been a period which was not initially planned in the GA of the project but due to Amendment 3, it has been agreed that the SECN activities along with other SEC demo and other WP activities will be extended until the end of the project. This period was still affected by COVID-19 however, the focus from the previous years remained – increasing the number of SECN city members, working closely with national based Networks to engage cities and achieve 15+ IEP cities who would commit to or were already replicating the IEP process in their contexts.

2.2 Expected Impact

The expected impacts of task 8.1 between M66 – M78 have been:

- Continued recruitment of ambitious cities,
- Continued capacity building workshops for the SECN members,
- Sharing knowledge and learnings among the SECN members including Network meetings, technical study tours, training seminars, SEC/SECN conferences etc.,
- Stronger value proposition and Network strategy ensuring higher engagement of the SECN city members engaging in the SECN platform, SECN Bulletin, City Check-up assessment, SmartEnCity Academy webinars, the final SmartEnCity conference in Vitoria-Gasteiz etc.
- Reaching 15+ IEP cities



3 Overall Approach

The SmartEnCity Network enables cities across Europe to become Smart Zero Carbon City frontrunners

We invite cities, urban planners and associated experts across Europe to join our effort to co-create Smart Zero Carbon Cities. We commit ourselves to share our ambitions, results and best practice learnings based on an integrated action-oriented approach with strong citizen participation.

Our vision is to enable Europe's small and medium-sized cities to become fast economically growing Smart Zero Carbon Cities.

We offer the network honest proven experiences, inspirational cases, integrated approach insights, knowledge sharing, tools and learnings from the three SmartEnCity Lighthouse projects including utilities and industrial partners, our two followers and our Network cities.

You don't have to be a Capital City to do a major difference.

Join the SmartEnCity Network and become a Smart Zero Carbon City frontrunner

This chapter focuses on the overall strategic approach taken with the development and growth of the SECN, along with the SEC partners' involvement in these activities.

3.1 Development of the value proposition

The value proposition of the SmartEnCity Network as it was defined before:

The SmartEnCity Network offers the following additional value to its network members:

- Already tested smart energy (Lighthouse City) solutions for their cities,
- Learning experiences across all SECN members across Europe,
- SmartEnCity Replication Toolkit (SmartEnKIT),
- News/progress published from the Network members published in the SECN Bulletin News,
- Newsletters about the SEC (twice yearly),
- SECN Bulletin News (every 8 weeks – 6 times a year), latest edition (#33) was published in June 2022
- Invitations to SECN Network meetings,
- The opportunity/invitation to start a national based SECN in your country – beyond the five Lighthouse and Follower cities,
- Introduction to IEP concept,
- Assessment of cities according to the IEP and providing personal feedback based on cities' answers
- Two series of webinars in the form of online training courses for cities
- Opportunity to be visible on the SECN platform, learn about and share your best practices,
- A national/regional platform in Denmark, Estonia, Spain, Italy and Bulgaria for the most ambitious cities/municipalities where they can exchange ideas, develop



common procedures and methodologies for smart integrated energy planning and attract attention and influence on national framework conditions – using the Cities4ZERO methods.

3.2 Development of the SmartEnCity Network strategy

The Network strategy is based on the following 5-step approach:

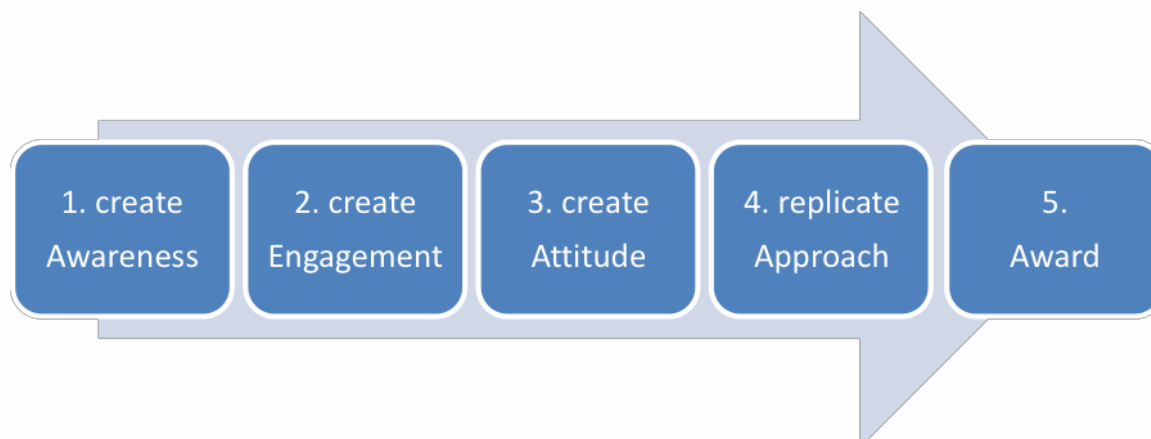


Figure 2 Five step model for SECN members

The 5-step model has been created and explained in D8.1 and D8.3 and its main objective has been to secure a dynamic and robust process for how network cities can be exposed, engaged, committed, trained and awarded, as participants of the SmartEnCity Network.

D8.5 outlined the SmartEnCity Network Strategy 2.0 which was developed between M24-M48. The SECN 2.0 ambition is to continue scaling the deployment of IEP approaches and reach a minimum of 15 new cities that recognise the Smart City Integrated Energy Planning methodology as a suitable IEP approach to be initiated and/or implemented as impact of the SmartEnCity Network before the end of the SEC project 2021 – using the national SECN-XX capacity building platform as the scaling basis. The ambition was to grow the SECN members from 28 (M24) to 60 cities until the end of the project (originally M66) which has already been achieved. During M66 to M78 the SEC Network managed to grow beyond the initial goal and reached 70 city members.

The target broken down to country level versus the current (M78) status is as follows:

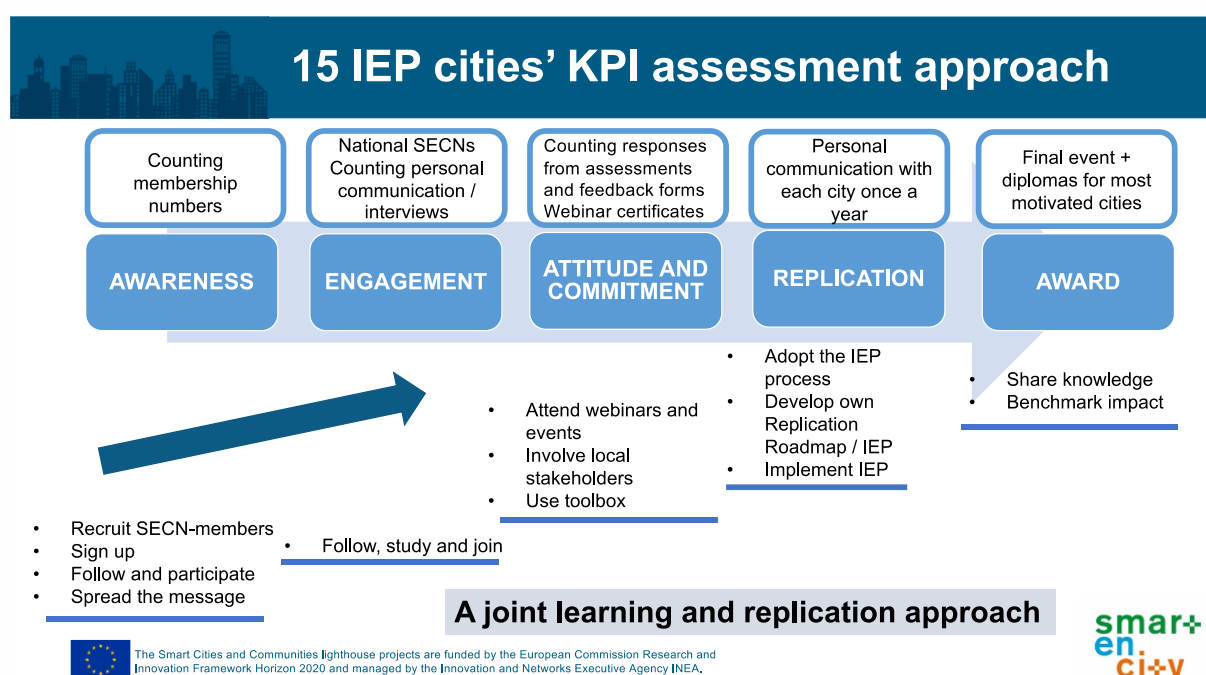
Country	Target	Current status as of M78
Estonia	8 members	13 members
Denmark	8 members	10 members
Spain	8 members	7 members
Italy	8 members	13 members
Bulgaria	8 members	9 members
Other city participants from other countries	20 members	18 members

In total	60 members	70 members
----------	------------	------------

Table 4 SmartEnCity Network member target vs current status

As seen from the table, the overall goal of reaching 60 city members has been overachieved.

The SECN Strategy for the period M66-M78 remained the same as described in the previous reporting period. Based on the 5-step approach, the following KPI assessment has been prepared by the WP8 working group and proposed at the end of M48 (described also in D8.5). The updated version of this KPI based approach which is being taken into consideration until the end of the project has been explained in D8.8².

**Figure 3 SECN Strategy approach on how to reach 15 IEP replication cities**

3.3 Partners involved

Leader of Task 8.1 has been ZERO in close cooperation with the following involved partners: IBS, TREA, TAR, PLAN, AAU, TEC, AVG, ACC, RINA, LECC, SEZ, ASEN and SEC. This close cooperation derives from the need for creation of national based SECNs in the five core SEC countries, continuous development of the SECN strategy and value proposition. IBS, SEC, RINA, TEC and ZERO took up the task to create and manage the national networks in their countries of origin, ensuring the knowledge transfer from the outcomes of the SEC project, solutions and initiatives from the international SECN but also ensuring the successful implementation of these nationally, having in mind what barriers exist on a local level. The rest of the partners have been an integral part of the strategic meetings, national based SECN meetings and implementation of this task. Between M66 and M78 all mentioned partners have been involved in meetings aiming at creating stronger engagement activities for the SECN and replication of SEC outcomes, solutions and initiatives.

Activities created in task 8.1 and task 8.2 form the platform for large-scale replication of the

² D8.8 Smart City Network Activities Report V4

SEC demonstrated approach (created in WP2, WP3, WP4, WP5, WP6, WP7), the base for all other WP8 work and tasks including a base for the WP9 Exploitation, Dissemination and Communication.



4 Detailed description of the overall approach

This chapter explains in detail the overall approach of including various activities, events, disseminations created between M66 to M78.

4.1 SmartEnCity Network Bulletin

The Network Bulletin was created to inspire, engage SECN cities delivering information about new SECN developments, solutions, news, events, academic articles made within the SEC project, etc. Links to all 33 Network Bulletins published as per M78 and a short summary of each Bulletin can be found in D8.8. As per M78, the total amount of published Network Bulletins is 33, reaching over 300 direct receivers every 8 weeks. However, the Bulletin reaches much more people via the SEC newsletter, promotion on the main SEC news/events webpages, the SECN platform (more about number of audiences of the platform follows), the SEC social media channels, etc.

Below, all editorials of the SmartEnCity Network Bulletins between M66 to M78 could be found:

- **Nr 28** - Dear Readers, This edition of the Network Bulletin features the SmartEnCity Final Publication (Booklet) which showcases the smart and innovative solutions of the project's Lighthouse Cities. The included "worst practice" section focuses on challenges and mistakes that the Lighthouse Cities encountered – interesting reading, potentially avoiding other cities to repeat same mistakes in the future. The Booklet is available for download now! The Danish SmartEnCity Network – Energibyerne's collaborative accomplishments and experiences were researched in a recent study. Read about Lighthouse City Tartu's "Smartovkas" which are the most energy-efficiently renovated apartment buildings in Estonia! Furthermore, Tartu's SECAP is now approved by the city council. Lighthouse City Sonderborg has halved its carbon emissions since 2007 – read more and download the Monitoring Report 2020! Sonderborg is also progressing with its digital transition and building on their Roadmap2025 to activate their Masterplan2029 process which works towards a CO2 neutral energy system by 2029. Finally, do not forget to register to the 2-day international, online Sonderborg Climate Neutrality Conference and get insights on triple helix topics regarding climate neutrality. Enjoy reading! [Link to full Bulletin.](#)
- **Nr 29** - Dear Readers, In this edition of the Network Bulletin, you will learn about how Lighthouse city Sonderborg presented a strong climate voice from Europe's small and medium sized cities and Sonderborg's own climate actions during the COP26 in Glasgow. The virtual Climate Neutrality Conference in Sonderborg released an archive with the presentations and videos from the October 2021 conference. If you missed joining the conference online, you now have an opportunity to replay it. The Danish Energibyerne Network were awarded a grant from the EUCF. The WeCARE project will speed up the cities joint e-mobility journey. The Lighthouse city Vitoria-Gasteiz's building envelope improvements are visible with thermography and their Smart Electric Bus had its first test drive with passengers, read more about this below. The EUCF grants continue with their 3rd call for applications, find out more about it in the EU corner. Enjoy reading! [Link to full bulletin.](#)



- Nr 30** – Dear Readers, In this edition of the Bulletin, you will be inspired from how municipalities at last week's National SmartEnCity Network in Denmark, Energibyerne, discussed and co-created important climate challenges. Lighthouse City Vitoria-Gasteiz started an information campaign at the bus stops of the Smart Electric Buses – find out how the City Council is raising awareness regarding their new public transport system. Follower City Lecce was a part of the 1st Urban Stakeholders Workshop organized by Sapienza University and had the opportunity to present how they have implemented the Cities4ZERO strategy into the development of their Integrated Energy Plan. Read more about how Lighthouse City Tartu continues to engage its housing association leaders in the smart home systems journey. The EU corner provides an overview about the Commission's proposal for a new EU framework to decarbonise gas markets, promote hydrogen and reduce methane emissions. The entire SmartEnCity team wishes you Merry Christmas and a Happy New Year! Enjoy reading! [Link to full bulletin.](#)
- Nr 31** – Dear Readers, The SmartEnCity project is soon coming to an end after six and a half years journey. We therefore, invite you all to join the final SmartEnCity conference on the 14th and 15th of June 2022 in Lighthouse City Vitoria-Gasteiz, Spain. More details including draft agenda, practical information, etc, will soon be released. Please "Save the date" and we will make sure to update you soon with the new information. Lighthouse City Vitoria-Gasteiz has reached a milestone saving 1 tonne CO2 emissions by using electric bikes instead of fossil-based transportation and proved that green transport can indeed help cities on their decarbonisation journey. Vitoria-Gasteiz was also awarded with the Quality Innovation Award 2021 for its role as Delegated Promoter in the SmartEnCity development in the city. Lighthouse City Sonderborg has approved its Masterplan2029 which has consolidated how the city will achieve its zero-carbon goal by 2029 in the most economic way. Sonderborg's housing associations which are a part of the SmartEnCity project have completed their energy retrofit projects, the implementation of rooftop PVs and battery storage solutions thus saving enormous amount of money for their residents. Finally, the leaders of the national based SmartEnCity Network (Energibyerne) in Denmark have started discussions with the three leading Danish green islands with the idea of replicating the Energibyerne learnings focused on the barriers, challenges, and opportunities that islands have regarding the energy transition. Enjoy reading! [Link to full bulletin.](#)
- Nr 32** – Dear Readers, Congratulations! Our three SmartEnCity Lighthouse Cities have been chosen to be a part of the EU Mission: 100 Climate-Neutral and Smart Cities and in addition to this six of our SmartEnCity Network Cities have been selected too! Our SmartEnCity Network is still growing and now have reached a total of 67 city members! The national SmartEnCity Networks in Denmark, Estonia, Bulgaria and Italy are progressing their cooperation. Furthermore, the members in the Spanish Network are rapidly growing and are due to have their first meeting! Have you registered for our final SmartEnCity final conference? Find all the program details and how to register below. Enjoy reading! [Full link to bulletin.](#)
- Nr 33** – Dear Readers, It's official, the SmartEnCity project is ending in July 2022! It has been a 6 1/2 year journey that we have had the pleasure of sharing with the 35-partner SmartEnCity consortium from 6 different countries – managing also to reach a



total of 70 SmartEnCity Network member cities! All working towards the same goal – to become Smart Zero Carbon Environments! In this last edition of the Network Bulletin, you will read a summary of the final conference in Vitoria-Gasteiz, highlighting the main messages and discussions and facts and figures from the project and valuable links for our Network city members and readers to use after the project ends. Finally, I want to thank the Editors of the Bulletin, Peter Rathje and David Maya-Drysdale for their constant support and inspiration throughout the years! Enjoy reading and keep implementing your climate actions! [Full link to bulletin.](#)

4.2 SmartEnCity Network (Website) Platform

The Network Platform and its features are explained in D8.3. The Website Platform has been operational since September 2017. The main reason why it was created was to be able to engage with the SECN members and showcase all solutions, development news, events, etc to all interested cities and other parties. In addition, the platform serves as an interactive solution/initiative search for cities to be able to filter out their main interests.

As a part of the platform, a google analytics tool has been activated which enables the possibility to track various indicators such as audience, acquisition, etc. The previous deliverables (8.5, 8.8) show the activity of the platform between M24 and M66. The main results between M66-M78 are summarised below:

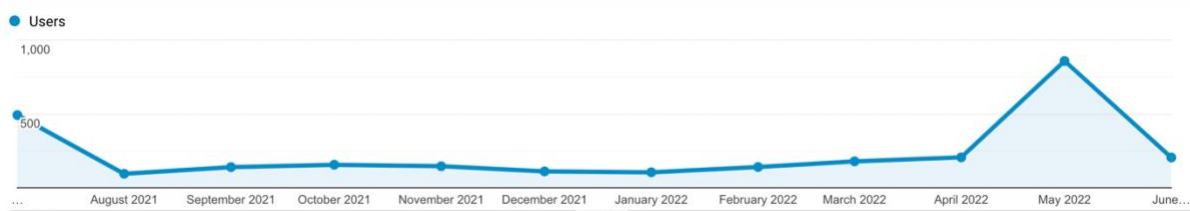


Figure 4 SECN website platform, monthly audience activity between M66-M78

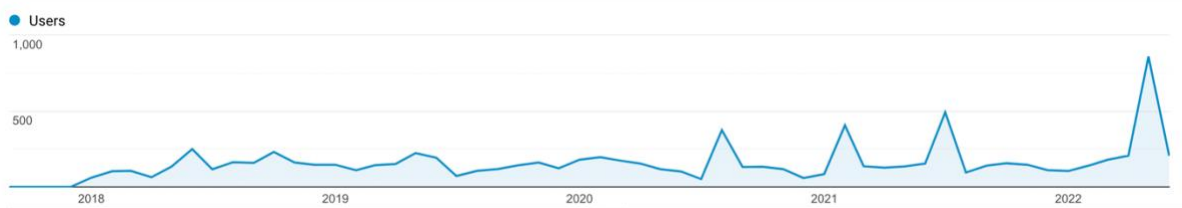


Figure 5 SECN website platform, monthly audience activity since the start of the platform

As it can be seen from the figures above, the number of users accessing the SECN platform on a monthly basis fluctuates.

Figure 6 shows the amount of users that have visited the SECN Platform between M66 and M78 (2,581 users) which have been increased with 4% comparing the previous reporting period. For the entire platform lifetime, the total number of users are 8,038, 19,087 page views, and 11,236 sessions. This supports the assumption that the amount of people that the Bulletin has reached is much greater than 300 since the bulletin is also published on the platform.

The analytics tool provides an overview of the location from where the SECN Platform was accessed too which is illustrated on Figure 7. As it



Figure 6 Statistics, SECN Platform



can be seen from Figure 7, although the main focus of promotion of the SECN Platform is in Europe, the Platform has drawn attention from all over the world.

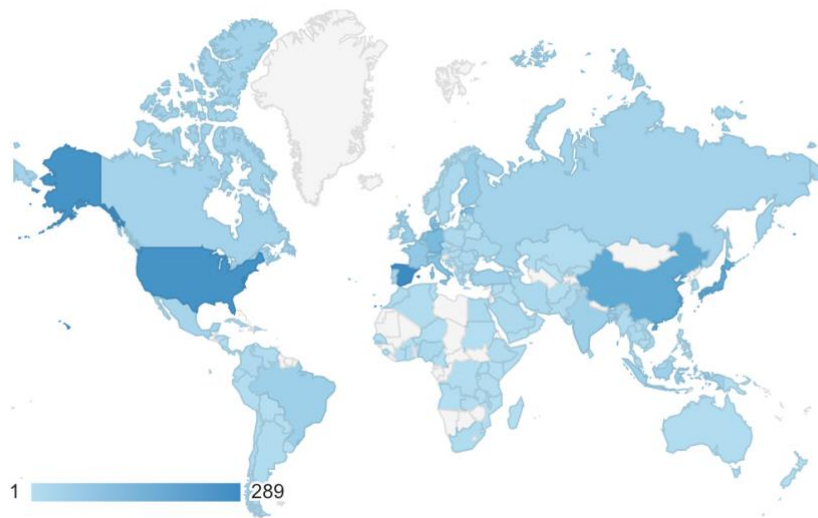


Figure 7 Geographical coverage of the locations that the SECN Platform was accessed, M66-M78

Figure 8 illustrates which are the main channels that the SECN Platform was accessed from, how many users accessed it directly, by referral, social media, etc. Most of the users access the Platform directly which could suggest that they are using a specific link to reach the Platform. The SECN Bulletin was designed to pinpoint specific links that would then lead the users to a specific landing page – therefore, this could suggest that many of the direct access users may belong to the SECN Bulletin receivers. This is further support to believe that the amount of Bulletin receivers is greater than 300 people (which is the amount of people that the bulletin is directly sent to).

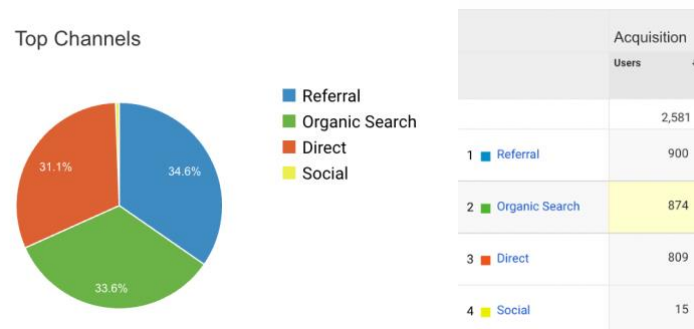


Figure 8 Acquisition overview of the SECN Platform, M66-M78

4.3 SmartEnCity Network members

As of July 2022, the SECN consists of 70 city members (including the 3 Lighthouse and 2 Follower cities) from 18 countries, which is about 17% increase of city members since M66. The list of members, their country of origin and contact person can be found in Annex 8. The next figure illustrates the growth of the SECN since M24 on an annual basis.

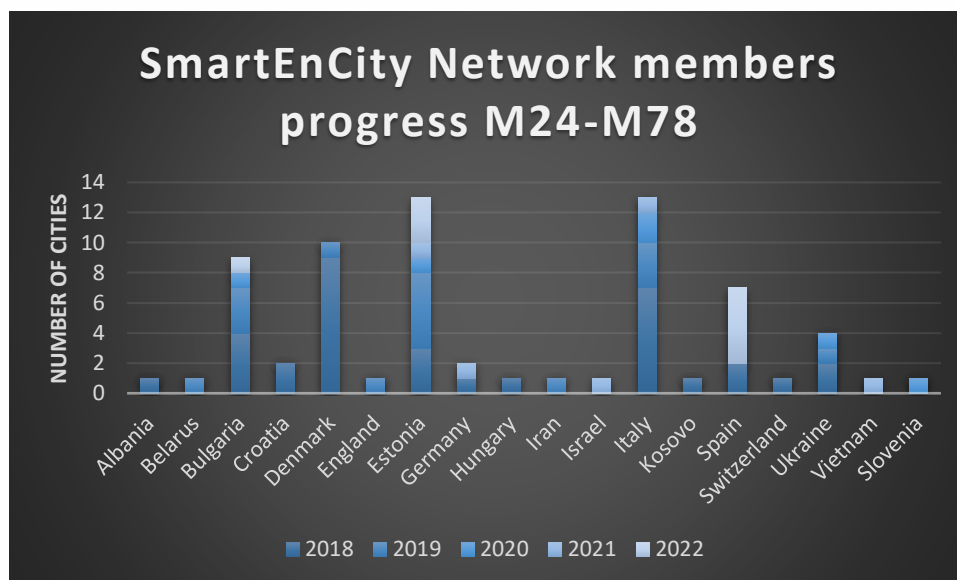


Figure 9 SmartEnCity Network member growth progression between M24 and M78

The different shades of blue each represent one-year periods starting from 2018 (darkest) to 2022 (lightest).

4.4 Organisation of SECN capacity building workshops

The COVID-19 pandemic hindered any physical workshop in early stages of this reporting period. However, it was possible to co-organise online SECN workshop as a part of the 2021 100% Climate Neutrality Conference. About 80 people participated all over the world. The conference was recorded and archives from the presentations and videos could be found at the conference [webpage here](#). Specially designed national network session addressing 6 different national networks including the five SECN ones and a Finnish Network too. Additionally, a virtual multi city tour was organised where the three Lighthouse and two Follower cities from the SEC project could showcase their solutions.

The final SEC conference also served as a final SECN capacity building workshop where more than 120 participants joined physically the conference in Lighthouse City Vitoria-Gasteiz. The SECN achievements, challenges, opportunities were discussed in addition to how to use the lessons learned in the future.

4.5 National SECN based capacity building workshops

The following sub-sections will go through the activities of each national SEC Network between M66-M78.

4.5.1 SECN-DK

The background of the SECN-DK (Energibyerne) has been detailed explained in D8.5.³

Until M48, there have been 13 joint SECN-DK capacity building workshops (see D8.5) and from M48-M66 there have been 6 joint SECN-DK online capacity building workshops (see D8.8). Between M66 and M78 there were 5 meetings in total:

- September 2021 – public climate event (with 8 discussions) facilitated by the Energibyerne SECN-DK network
- October 2021 (online)
- December 2021 in Horsens
- March 2022 in Vejle
- May 2022 in Vejle



Figure 10 SECN-DK members (photo credit ZERO)

Figure 11 illustrates some of the meetings of the Energibyerne between M66-M78.



Figure 11 Online meetings of the Energibyerne (photo credit ZERO)

Besides workshop-meetings, the Energibyerne managed between M66 and M78 to link their collaboration through a EUCF based project called WeCARE. Below is a short summary of the project:

WeCARE

Focused on ramping up electrification of the person-transport and the associated e-charging (power) infrastructure to be designed and implemented. The application was compiled/created in a partnership between ZERO and two of the network city-members (Ringkøbing-Skjern and Skive), filed as a joint application by the end of May 2021 in the name of Ringkøbing-Skjern Municipality and supported by 6 of the 7 SECN-DK network members.

Apart from the WeCARE-project, the Energibyerne discussions have focused on next level iteration of “sustainable families” and the municipal preconditions for creating a successful “Power-to-X” transition.

All of the Energibyerne city member are also participating in the national Danish DK2020 project, where the C40 Climate Action Planning Framework is applied on 96 (out of 98) Danish municipalities. However, the Energibyernes city members see future need for using the Energibyerne Network as a framework for turning the (DK2020) Climate Action Plans into action. All 7 members have therefore signed up for the ambitious SEC IEP-replication strategy (see below).

End of June 2022, the Energybyerne met online and discussed the new national political frame setting for “energy-islands” (from wind/PV to Power-to-X) and how to improve the local value creation and participation when the Law is implemented in the Autumn 2022. The meeting also addressed the increased need for new short term local neighbourhood energy efficiency campaigns to support society’s independence of fossil fuel supply.

Energibyerne will continue their collaboration and common climate journey after the completion of the SEC-project.

4.5.2 SECN-EE

Background information of the Estonian SECN (The Estonian Smart Cities Club) is available in D8.5. Since M66 the Smart Cities Club grew by adding three more cities: Paide, Turi and Viljandi.

Until M48, the SECN-EE have had four capacity building workshop-meetings (see D8.5). Between M48-M66 the SECN-EE had three workshop meetings (see D8.8). Between M66-M78, the Club met twice: on 10 June 2021 virtually (due to the pandemic) and on 22 April 2022 physically, when a joint visit to Paide city was undertaken.

The virtual meeting in June focused on sharing experiences and bringing useful information to the municipalities. First, Võru city representative presented their experience of being a follower city in an international smart city

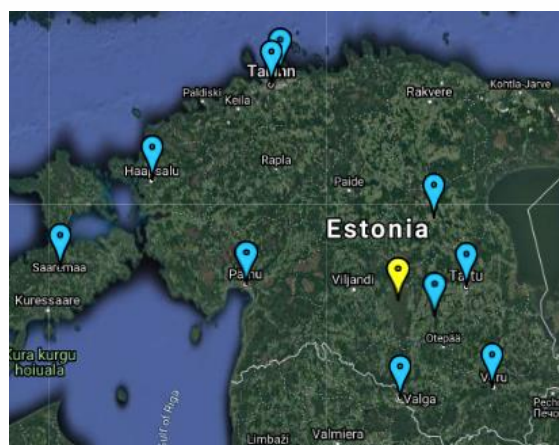


Figure 12 SECN-EE members (photo credit ZERO)



project and explained the opportunities this has given the municipality. Next, Tartu Regional Energy Agency (TREA) introduced the results of the latest study among municipalities regarding their capabilities of fulfilling the targets set in Estonia's national energy and climate plan. Lastly, the Institute of Baltic Studies (IBS) shared information on upcoming important events, funding opportunities, and trainings for municipalities. Ten municipalities participated in addition to supporting partners (IBS, TREA).

The latest meeting of the Club took place in Paide city with seven municipalities participating (in addition to supporting partners and experts from IBS, TREA and TalTech). This time, the monitoring and energy consumption results of the buildings renovated in the SmartEnCity project in Tartu were presented and discussed, illustrating how energy efficient renovation is very efficient in reducing consumption and improving indoor climate. Paide city as the host also shared their latest city plans and developments and took the visitors on a study trip to a newly renovated school. A lively discussion between municipalities was held in order to share ideas how to engage the community into city planning and into complicated decisions to be made together, where Elva and Haapsalu shared their experiences also.



Figure 13 The Estonian Smart Cities Club meeting in Paide city, 22 April 2022 (photo credit IBS)

IBS led the discussion on how to continue organizing the Club in the future. **It was mutually decided that as the Club is very useful for the participants it will continue meeting regularly.** The next meeting is planned for autumn and will take place in Võru city. The focus will be again a lot on citizen engagement and Võru will share their experiment with the community ambassadors in the renovation planning activities that they are planning and conducting over summer. The Club will continue to be managed by IBS with support from TREA and Tartu city.

Several SECN-EE members (from Viimsi, Elva, Võru and Haapsalu, in addition to Tartu as a project partner) also participated in the SmartEnCity final conference in Vitoria-Gasteiz in June 2022.

In the future, the Club members will continue not only regularly meeting, but sharing information and experiences with each other both personally and via the Club mailing list, which is open for use for all list members. Proposals for additional funding opportunities will be prepared and interested Club municipalities included in other projects both as partners and followers. For example, as an important impact from the network activities a joint international project between some partners in the network (Elva and IBS) was developed and will kick-start in the autumn 2022 focusing on implementing an integrated renovation methodology aiming to transform social housing districts into inclusive smart neighbourhoods. With the current climate of uncertainties and global crises, mutual support is very important for municipalities.

4.5.3 SECN-ES

The development of the national SECN in Spain was hindered in the previous reporting periods due to several reasons (Covid-19, municipal elections, slight delay of Vitoria-Gasteiz IEP –*Action Plan for an Integrated Energy Transition APIET 2030*–). Within this period, mainly 2022, the Spanish SECN node finally found consensus to launch the process and activities entailed.

The first meeting of the SECN node happened in Vitoria-Gasteiz municipality offices on May 5th, with the participation of the following Spanish municipalities:

- Balmaseda
- Basauri
- Erandio
- Ermua
- Zaragoza
- Castelló
- Alfaro

During the meeting, AVG and TEC presented the APIET 2030 development process (methodology) and results. Then, technical representatives from AVG and VIS delved on specific actions identified within APIET 2030, namely:

- Energy transition in housing and public municipal facilities
- Retrofitting policy and AGREE project
- Retrofitting and urban regeneration of Coronación district
- Energy transition in municipal buildings and retrofitting one-stop-shop

After the received input, assistant cities and experts had the opportunity to start a dialogue on interests, needs and ongoing supporting initiatives, as a kick starter of their local transitioning processes.

After lunch, a representative from VIS coordinated a visit to Coronación neighbourhood, showing the retrofitting works in the residential buildings and the biomass boiler room that provides heat to the district.

Once the SECN Spanish node has been activated, TEC is finding synergies with other projects and initiatives, so the interest groups extends its life beyond the SmartEnCity project. Specifically, the two main continuation paths are 1) an alliance with ATELIER SCC-1 project; and 2) the alignment with the *100 Smart and Climate Neutral Cities Mission*, whose Spanish node (CitiES 2030) is currently starting to plan their way towards such an ambitious goal.

4.5.4 SECN-IT

Background information about the SECN-IT is available in D8.5 and D8.8. Between M66 and M78 two events have been organised within the Italian Network, one as an online webinar held on 22 February 2022 and one as a hybrid meeting on 27 April 2022.

The webinar had the aim to share, with the Municipalities that are part of the Italian network, Lecce experience and results obtained during SmartEnCity. Moreover, the event has been an occasion to present the next steps that Lecce will take to become a carbon neutral smart city, as well as to discuss the energy transition and smart city topics together with the 7 Italian Municipalities that participated. In that occasion some interesting experiences and best practices developed by the cities of the Network have also been shared and fruitfully discussed (e.g. the Green Public Procurement used by Pesaro for the refurbishment of a school).



Figure 14 SECN-IT members (photo credit ZERO)

Due to the COVID restrictions still in force during spring, the second event was a hybrid meeting (both physical and online). The event: **“The role of the Public Entities in the energy transition process: Integrated Energy Planning, SECAP and Energy Communities”**, was public, opened to the Cities of Italian Network, Order of Architects, Order of Engineers and all the representatives from public entities (e.g. Apulia Region) interested in the topics.

The meeting had the twofold aim to share the results obtained by Lecce during SmartEnCity, within a wider audience, as well as to discuss about strategic topics for the next actions of Lecce towards CO2 reduction and climate neutrality (Process to update Lecce SECAP, energy efficiency of public buildings and energy communities).

For this purpose, the event has been organized in three sessions, opened by a presentation from the Mayor of Lecce Municipality, followed by the Councillor for the Department of Public Works of Lecce Municipality, the President of the Order of Engineers and the President of the Order of Architects.

The three sessions were dedicated to:

1) Processes of energy planning and SECAP: here the Cities4Zero methodology followed by Lecce has been presented and there was a contribution from a representative of Covenant of Mayor, together with a presentation of one of IT-SECN member, UCSA, about their experience with the development of SECAP as a group of Municipalities;



2) Lecce experience as Follower City: here the representatives of Lecce Municipality presented the results obtained during SEC (IEP and Roadmaps), together with the actions already implemented for what concerns the energy efficiency of public lights and buildings);

3) Focus on Energy Communities: here there have been several contributions from Italian energy communities successful projects, as GRETA (University of Bologna and AESS), GECO (University of Bologna) and Melpignano Community (President of Melpignano Community).

For what concerns the future activities of SECN-IT the aim is to keep alive the relations and contacts between the Municipalities, focusing on all the opportunities of collaboration that may rise at national and European level and encouraging the cooperation in those initiatives. For this purpose, RINA is currently evaluating the next EU funding programmes and open calls related to energy transition in order to identify the possible involvement of the cities of Italian Network, building the synergies between them.

4.5.5 SECN-BG

Background information about the SECN-BG is available in D8.5/D8.8. It has been decided that SECN-BG activities will follow a bilateral one-to-one approach with network member instead of joint meetings.

The main reasons were the difficulty to get all members in one place at once due to their numerous tasks and obligations, and the flexibility in organization offered by this approach. Between M66 and M78 several one-to-one meetings have been initiated with the main aim to present the approach taken by Asenovgrad Municipality as a follower city within SmartEnCity and to promote the Cities4ZERO methodology for Integrated Energy and Urban Planning developed within the project. During the meetings the main outcomes and results of Asenovgrad activities have been discussed and the benefits of applying the City4Zero methodology have been outlined. As a result, four municipalities, namely Kuklen, Laki, Parvomaj and Gabrovo expressed in written their interest to replicate the approach and methodology in their own strategic policy development processes.

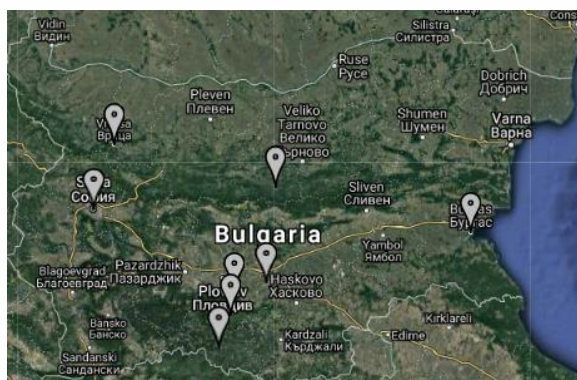


Figure 15 SECN-BG members (photo credit ZERO)

Further to the above, two one-to-one meetings were held with Association of Rhodope Municipalities, consisting of 11 members from the Rhodope region of Bulgaria. ARM expressed interest in written to promote the SmartEnCity methodology among its members and to encourage them to replicate it. In order to support its members in taking the decision to go along carbon zero development path, a representative of ARM also took part in the SmartEnCity final conference, held on 14-15 June 2022 in Vittoria-Gasteiz, Basque Country, Spain. The main aim was to obtain first-hand knowledge about the results and achievements

of lighthouse and follower cities within SmartEnCity project and to attend the site visits where innovative energy efficiency and renewable energy solutions have been applied.

As a follow up of the collaboration within SECN-BG a common project has been initiated by Asenovgrad and Smolyan Municipalities, called Partnership for adaptation to climate change”, aiming, among others, at the implementation of energy saving measures and PV installation in municipal buildings.

Based on the achieved successful results, it has been agreed among SECN BG members to continue the collaboration on the subject following similar approach and trying to fit it within the usual activities of the participating municipalities with a focus on opportunities for future collaboration and synergies in sustainable energy planning and implementation,

4.6 SmartEnCity City Check-up Assessment for SECN

The [City Check-up Assessment](#) launched in the with the D8.5 reporting period has reached 18 Network cities allowing them to assess where in the IEP process is their city. However, in total 21 responses were submitted within D8.8 reporting period which means that three cities had the need to repeat the assessment most likely due to changes of the municipal planning needs. All cities that have answered the assessment have the possibility to request a feedback based on their answers. The feedback was provided by SEC project experts.

More information on the City Check-up Assessment can be found in D8.8.

4.7 15+ IEP cities

In D8.8 the strategy on how to acquire minimum of 15 cities that are willing to and have already started to replicate the IEP method has been explained.

As of M78, 19 cities and 1 city association consisting of 11 municipalities, have officially stated that they have been inspired by the Cities4ZERO methodology, plan to use some or all of it in their future planning or have already used parts of it in their energy planning. They have committed to this by signing a Letter of interest. These Lols are attached in the Annex. Here is a list of the cities below:

Denmark:

- Frederikshavn
- Ringkøbing-Skjern
- Skive
- Horsens
- Middelfart
- Høje-Taastrup

Estonia:

- Haapsalu
- Turi
- Viimsi
- Viljandi

Italy:

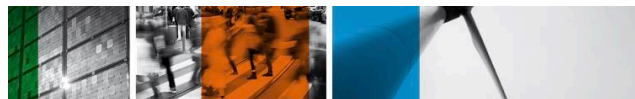


- Palma Campania
- Benevento
- Leverano
- Pesaro
- Rome

Bulgaria:

- Laki
- Parvomay
- Kuklen
- Gabrovo
- Association of Rhodope municipalities (11 municipalities)

The above commitments, along with now 70 SECN-members and all other replication achievements of the SEC Network is considered a satisfactory outcome of the tremendous resources invested in creating and maintaining the SmartEnCity Network during 6 ½ years. Furthermore, all 19 cities and 1 city association have been awarded with a “SmartEnCity Replication Award” for committing themselves to follow and replicate the IEP methodology created within the SEC project. Here is an example of how the award looks like:



SmartEnCity Integrated Energy Planning Replication Award

Congratulations city of **XX**, to your SmartEnCity Replication Award!

Thank you for being a part of the SmartEnCity Network and for committing yourself to replicate the Integrated Energy Planning methodology by signing a Letter of Intent!

We are proud you are considerating to use the IEP methodology developed within SmartEnCity project!

Please share your development on the way towards zero carbon environment by joining the SmartEnCity Network LinkedIn community [here](#)!

Kind Regards,

Kristina Bozhkova, SmartEnCity Network Coordinator



SmartEnCity project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 691883.

Figure 16 SmartEnCity Replication Award (photo credit ZERO)



4.8 Promotion of the SECN

This section mentions the events, meetings, workshops, etc where the SECN has been promoted along with all SECN tools, methods, methodologies, best practice experiences, etc. These events include the national based SECNs' events and workshops along with the other EU SmartEnCity Network events that were held between M66-M78:

2021

- September 2021 – Climate meeting in Middelfart (SECN-DK meeting, partners: ZERO)
- September 2021 – Sonderborg ClimateConference 2021 (online) (Partners: ZERO, PLAN, TEC, SEC, SEZ, IBS, TAR, RINA, LECC, ASEN, TREAA)
- October 2021 (online SECN-DK meeting, partners: ZERO, PLAN)
- December 2021 in Horsens (SECN-DK meeting, partners: ZERO, PLAN)

2022

- February 2022 online (SECN-IT webinar, partners: RINA, LECC)
- March 2022 in Vejle (SECN-DK meeting, partners: ZERO, PLAN)
- April 2022 in Lecce (SECN-IT public event, partners RINA, LECC)
- May 2022 in Vejle (SECN-DK meeting, partners: ZERO, PLAN)
- May 2022 in Vitoria-Gasteiz (SECN-ES meeting, partners: TEC, AVG, VIS)

EU mission cities

In addition to the various promotions of the SECN via meetings, presentations, conferences, etc. Several SEC Network city members were selected as participants in the new 100 + 12 EU Mission Cities.

These are the 3 Lighthouse Cities: Tartu (Estonia), Sonderborg (Denmark) and Vitoria-Gasteiz (Spain) along with 6 additional Network member cities: Gabrovo and Sofia from Bulgaria, Valencia and Zaragoza from Spain and Padova and Rome from Italy.

4.9 Participants/people reached until M78

According to the GA (task8.1, activity #6), (as also mentioned above):

“A series of local level stakeholder capacity building workshops (10) for aligning local conditions to methodologies to guide the evolution towards 100% RES Smart City and Smart community. The aim is to involve 400-500 participants with these workshops around Europe.”

Until M78, numerous SECN related events, workshops and meetings have been accomplished. There have been 5 EU wide SECN meetings in:



- Tartu, June 2016 – reaching about 30 participants
- Lecce, February 2017 – reaching about 100 participants
- Sonderborg, October 2017 – reaching about 100 participants
- Asenovgrad, March 2018 – reaching about 40 participants
- Cagliari, June 2019 – reaching about 40 participants
- Sonderborg Climate Conference 2021, September 2021 – reaching average 80 participants during the two days online conference.
- Final SEC conference in Vitoria-Gasteiz, June 2022 – reaching about 120 participants

Along with the EU wide SECN meeting, there have been around 40+ national based SECN meetings in Denmark, Estonia, Spain, Italy and Bulgaria collectively. Each one of them consisting of more or less the same participants (from the same member cities) which account for about 10-15 people per country totalling in about 40-60 participants.

The first series of webinars launched December 2016 and ended June 2017 accounted for a total of 124 participants.

The second series of webinars, SmartEnCity Academy launched in February 2020 and ended September 2020 accounted for a total of more than 250 participants.

The SECN platform accounted for more than 8,038 users until M78.

The SECN Bulletin reached at least 300 people, which have confirmed that they further distribute it to their channels and networks.

Collectively all of these events, workshops, seminars, knowledge transferring activities have reached much more than the mentioned in the GA: *“400-500 participants”* or in another words: participant-audience of the SECN activities, outcomes, solutions, methodologies, etc.

The participant/people that have attended these activities vary from students, scientists, industry, city, consultants and others.

Conclusion:

The SEC-actions related to the GA defined involvement-KPI (400 – 500 participants) have during M1-M78 developed into multiple measures, but all focused-on motivating and supporting the city journey for the SECN members and the many other interested stakeholders across Europe. Based on the reported participation, it is concluded that the above measures have all contributed to a successful (over achievement) of the ambitious GA-defined involvement-KPI.

5 Scope of work in the next 12 months

Although the SEC project is ending in July 2022, the SECN will continue to exist in several countries.

The national **networks in Denmark, Estonia and Bulgaria** will continue their collaboration after the project ends. For example, the Danish based Network participants have already blocked their calendars with scheduled meetings until the end of the year and lately have initiated new common tasks (see above). The **Spanish and Italian Networks** also have a desire to continue, however, it is necessary to allocate sufficient resources to ensure that they can continue their activities. The Spanish network is currently trying to find synergies with other still ongoing SCC-1 projects, as it is the case of ATELIER, in order to keep the group of interested cities alive. Furthermore, the *100 Smart and Climate Neutral Cities Mission* has raised the awareness of this topic among cities even more, and it is probable that SECN Spanish node will somehow get integrated in the *Mission* cities group, called CitiES 2030. The Italian network is now focusing on looking for all the opportunities of collaboration that may rise at national and European level and encouraging the cooperation in those initiatives. For this purpose, the next EU funding programmes and open calls related to energy transition are being evaluated to identify the possible involvement of the cities of Italian Network, building synergies between them. The Estonian network will continue meeting twice a year and exchanging information and experiences both via direct contact and the network mailing list. If possible, proposals for additional funding opportunities to support the member cities in reaching their climate goals will be collaborated on. Within the Bulgarian network the approach of one-to-one meetings will continue with the main aim to enlarge and strengthen current collaboration with new common project opportunities based on the priorities of the municipalities and the availability on funding sources. The SECN platform will be operational and online after the project ends as long as the project website is online. Furthermore, since there will be no official SECN communication with the city members as a part of the project, a [LinkedIn page](#) has been established inviting all SECN members to join to continue the exchange of knowledge, solutions, continue discussions and share opportunities.

6 Deviations to the plan

The task 8.1 management group decided to start the task earlier than scheduled, in order to be ready with a Network strategy and value proposition at the Tartu Network launch meeting 1. June 2016. The management group have followed an ambitious plan and implemented actions to the best of their abilities based on the SmartEnCity partnership resources.

The negative deviations as per M78, are coming mainly from the impact the COVID-19 outbreak had on the entire world which resulted with restrictions concerning mainly not allowing physical meetings. But COVID-19 also learned the network how to continue the collaborative journey using new (online) platforms and measures.

7 Outputs for other WPs

Task 8.1 activities and Deliverable 8.3 are in very close symbioses with task 8.2 Replication Toolbox. The D8.2 Report and toolbox together with the content clarification of the IUP provide important approaches for refining the SECN strategy and value proposition.

In June 2019, the SECN city members/participants (as part of the Cagliari workshop) also participated in the evaluation and testing of the exploitable solutions and provided an important exchange of knowledge, feedback (T9.4 Knowledge Transfer Events) and input / verification for (T9.3 Business cases and Business models) WP9.

The feedback and learnings from the SECN city-members will provide necessary input for further developments of task 8.1 SECN-activities, for task 8.4, for WP9 deliverables. Furthermore, the final conference in Vitoria-Gasteiz provided insights to other SCC projects as they have been invited to join the conference.

8 Annex

Annex 1 List of the SmartEnCity Network members, M78– listed by date of SECN-entry

The names of the city representatives have been removed for GDPR reasons.

City name	Country	Contact person
1. Sonderborg	Denmark	xxx, ProjectZero Director
2. Vitoria- Gasteiz	Spain	xxx, Head of Information and innovation for Sustainability
3. Tartu	Estonia	xxx, SmartEnCity coordinator
4. Asenovgrad	Bulgaria	xxx, Head of Planning of investment activities, development of programs and projects
5. Lecce	Italy	xxx
6. Peja	Kosovo	xxx, Chief of Mayors Cabinet
7. Greifswald	Germany	xxx, Climate Protection Officer
8. Lviv	Ukraine	xxx, IT-department, Lviv City council
9. Tirana	Albania	xxx, director of sustainability department, Tirana Municipality
10. Veszprem	Hungary	xxx, Strategic manager
11. Jogeva	Estonia	xxx, Specialist of development issues
12. Valencia	Spain	xxx, Energi Innovation Officer
13. Skive	Denmark	xxx, Plan & support manager
14. Aalborg	Denmark	xxx
15. Frederikshavn	Denmark	xxx
16. Dubrovnik	Croatia	xxx, Head of DURA agency
17. Aversa	Italy	xxx, Energy, environment & smart eldeman
18. Benevento	Italy	xxx
19. Martigny	Switzerland	xxx
20. Ringkobing-	Denmark	xxx



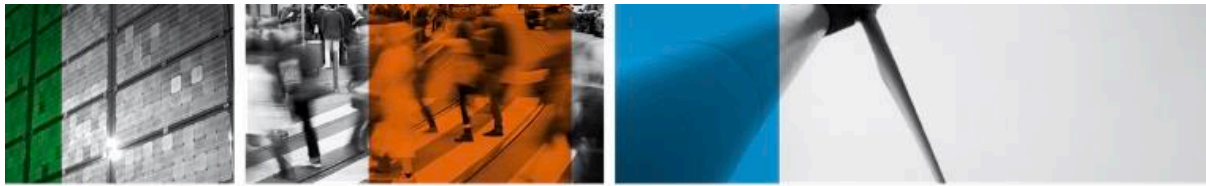
Skjern		
21. Horsens	Denmark	xxx
22. Odense	Denmark	xxx, Environmental inspector
23. Sofia	Bulgaria	xxx, Urban planning expert
24. Split	Croatia	xxx, Assistant to head, Department of Economy
25. Hoje-Taastrup	Denmark	xxx, Climate consultant
26. Voru	Estonia	xxx, Architect
27. Middelfart	Denmark	xxx
28. Odessa	Ukraine	xxx, Investment Manager, Odessa Municipal Energy Agency
29. Burgas	Bulgaria	xxx, Chief expert
30. Smolyan	Bulgaria	xxx, Director IPPPA
31. Tivoli	Italy	xxx, Energy Manager, Tivoli Smart City
32. Cagliari	Italy	xxx, Energy Manager
33. Rome	Italy	xxx, Project manager
34. Padua	Italy	Xxx
35. Ærø	Denmark	xxx, Communications officer, RE
36. Vitebsk	Belarus	xxx, Chairwomen Cultural educational establishment "Center of urban projects and initiatives "Prastora"
37. Elva	Estonia	xxx, Head of development and planning department
38. Tallinn (Tallinn energy agency)	Estonia	xxx, Head of agency
39. Pervomaisk	Ukraine	xxx, Mayor
40. Vratsa	Bulgaria	xxx
41. Parvomay	Bulgaria	xxx
42. Laki	Bulgaria	xxx, Mayor



43. Milton Keynes	England	xxx, project manager
44. Genova	Italy	xxx, Funzionario tecnico
45. Viimsi	Estonia	xxx, Head of Development Department
46. Tehran Municipality ICT Organization	Iran	xxx, International Advisor to CEO
47. Valga	Estonia	xxx, Head of Communications
48. Palma Campania	Italy	xxx, SEAP Coordinator
49. Pesaro	Italy	xxx, Project Manager at Public Works Department
50. Avellino	Italy	Xxx
51. Chortkiv	Ukraine	xxx, Head of municipal development department
52. Gabrovo	Bulgaria	xxx, Chief expert
53. Saaremaa	Estonia	xxx, Development specialist
54. Orsomarso	Italy	xxx, Energy Manager
55. Trzic	Slovenia	xxx, Smart city advisor
56. Parnu	Estonia	xxx, Business development specialist
57. Leverano	Italy	Xxx, General secretary and responsible of investment projects and programmes development
58. Nha Tang	Vietnam	Xxx
59. Haapsalu linn	Estonia	Xxx, Architect planner
60. Taibeh	Israel	Xxx, Community Coordinator, Department of Environment
61. Bremerhaven	Germany	Xxx, Head of the Department of Municipal Climate Affairs
62. Kuklen	Bulgaria	Xxx
63. Balmaseda	Spain	Xxx, Environmental Technician
64. Basauri	Spain	Xxx, Environmental Manager

65. Castelló de la Plana	Spain	Xxx, Architect
66. Paide	Estonia	Xxx
67. Zaragoza	Spain	Xxx, Architect of the City Council of Zaragoza, Head of the Architecture Projects Office
68. Ermua	Spain	Xxx, Smart City Technician
69. Turi	Estonia	Xxx
70. Viljandi	Estonia	Xxx

Annex 2 SmartEnCity Replication Award template



SmartEnCity Integrated Energy Planning Replication Award

Congratulations city of **XX**, to your SmartEnCity Replication Award!

Thank you for being a part of the SmartEnCity Network and for committing yourself to replicate the Integrated Energy Planning methodology by signing a Letter of Intent!

We are proud you are considerating to use the IEP methodology developed within SmartEnCity project!

Please share your development on the way towards zero carbon environment by joining the SmartEnCity Network LinkedIn community [here](#)!

Kind Regards,

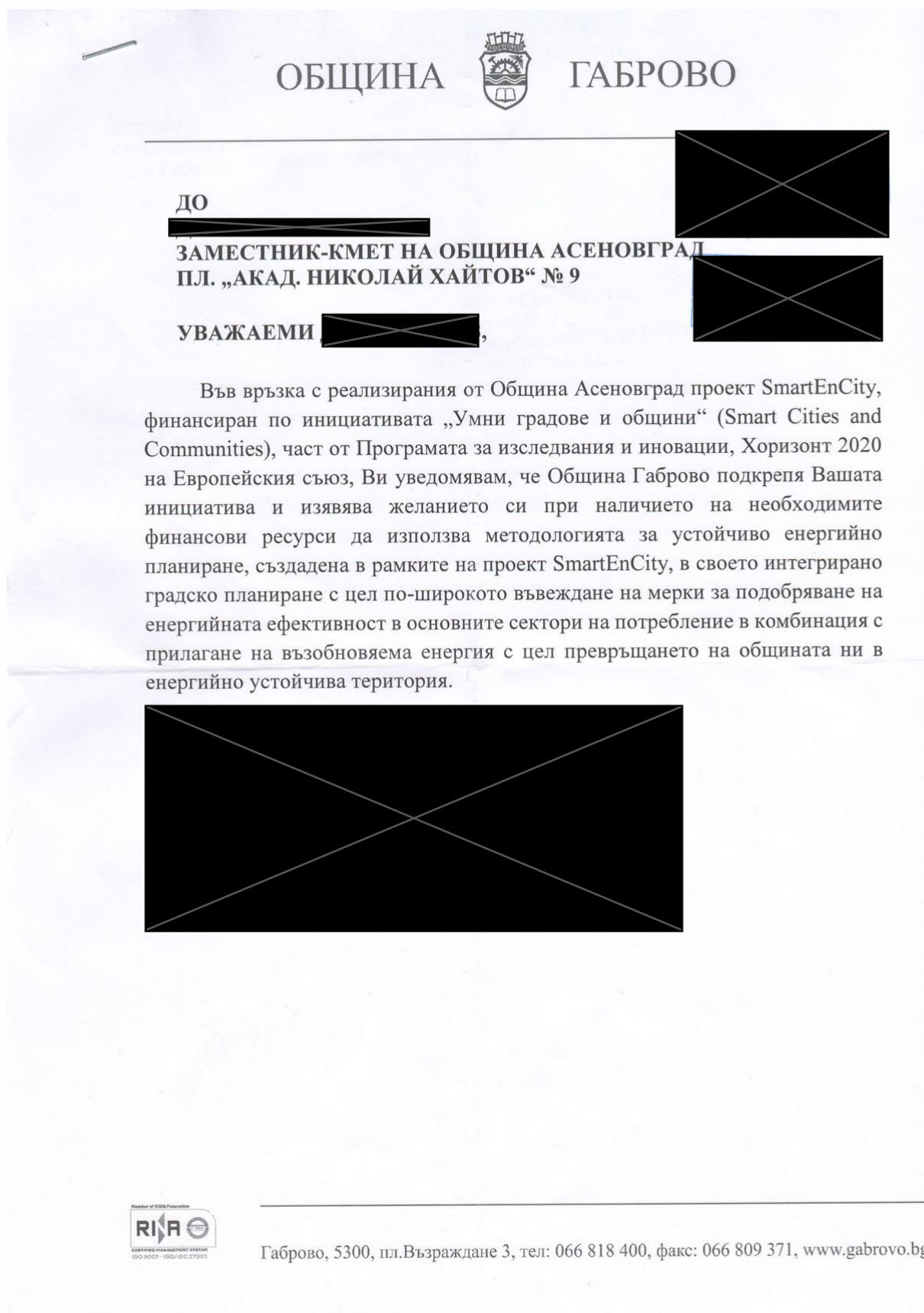
Kristina Bozhkova, SmartEnCity Network Coordinator



SmartEnCity project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 691883.



Annex 3 List of Letters of Interest from the SmartEnCity Network members, GDPR based information has been cut out from the letters for the purpose of this deliverable





ОБЩИНА КУКЛЕН

гр. Куклен 4101, област Пловдив, ул. „Ал. Стамболийски“ № 43; тел.: 03115/21-20; факс: 03115/21-65; e-mail: mail@kuklen.org;
www.kuklen.org

ДО

ЗАМЕСТИК-КМЕТ НА ОБЩИНА АСЕНОВГРАД
ГРАД АСЕНОВГРАД, ПЛ. „АКАДЕМИК НИКОЛАЙ ХАЙТОВ“ №9

ОТ

КМЕТ НА ОБЩИНА КУКЛЕН,
П.К. 4101, ГР. КУКЛЕН,
ОБЩ. КУКЛЕН, ОБЛ. ПЛОВДИВ,
УЛ. „АЛ. СТАМБОЛИЙСКИ“ № 43
ТЕЛ. 03115/2120

УВАЖАЕМИ

Във връзка с реализирания от Община Асеновград проект SmartEnCity, финансиран по инициативата „Умни градове и общини“ (Smart Cities and Communities), част от Програмата за изследвания и иновации, Хоризонт 2020 на Европейския съюз, Ви уведомявам, че Община Куклен подкрепя Вашата инициатива и изявява желанието си при наличието на необходимите финансови ресурси да използва методологията за устойчиво енергийно планиране, създадена в рамките на проект SmartEnCity, в своето интегрирано градско планиране с цел по-широкото въвеждане на мерки за подобряване на енергийната ефективност в основните сектори на потребление в комбинация с прилагане на възобновяема енергия с цел превръщането на общината ни в енергийно устойчива територия.



ОБЩИНА ПЪРВОМАЙ
ОБЩИНСКА АДМИНИСТРАЦИЯ

АДРЕС: УЛИЦА "БРАТЯ МИЛАДИНОВИ" – ЮГ № 50
ТЕЛ.: 0336 / 62201, 62139; ФАКС: 0336 / 62872

E-mail: obaparv@parvomai.bg
<https://www.parvomai.bg>

ДО
Д-Р ТЕНЬО МАНОЛОВ
ЗАМЕСТИК-КМЕТА НА ОБЩИНА АСЕНОВГРАД
ПЛ. „АКАД. НИКОЛАЙ ХАЙТОВ“ №9
ГР. АСЕНОВГРАД

ОТНОСНО: Подкрепа на проект на Община Асеновград по инициативата „Умни градове и общини“

УВАЖАЕМИ

Във връзка с реализирания ОТ Община Асеновград проект SmartEnCity, финансиран по инициативата „Умни градове и общини“ (Smart Cities and Communities), част от Програмата за изследвания и иновации, Хоризонт 2020 на Европейския съюз, Ви уведомявам, че Община Първомай подкрепя Вашата инициатива и изявява желанието си при наличие на необходимите финансови ресурси да използва методологията за устойчиво енергийно планиране, създадена в рамките на проект SmartEnCity, в своето интегрирано градско планиране с цел по-широкото въвеждане на мерки за подобряване на енергийната ефективност в основните сектори на потребление в комбинация с прилагане на възобновяема енергия с цел превръщането на общината ни в енергийно устойчива територия.

**ОБЩИНА ЛЪКИ, ОБЛАСТ ПЛОВДИВ**

Град Лъки, п.к.4241, област Пловдив, ул. "Възраждане" № 18,
Телефони: 03052/22 55, 20 94; факс : 03052/21 68, e-mail: obshtinalaki@abv.bg;

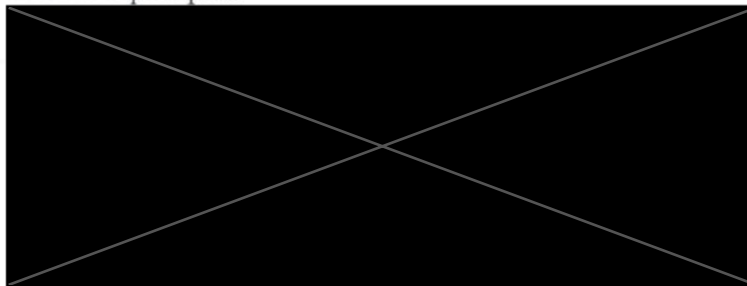


Изх. № К-1064-1/ 17.05.2022г.

Уважаеми



Във връзка с реализирания от Община Асеновград проект SmartEnCity, финансиран по инициативата „Умни градове и общини“ (Smart Cities and Communities), част от Програмата за изследвания и иновации, Хоризонт 2020 на Европейския съюз, Ви уведомявам, че Община Лъки подкрепя Вашата инициатива и изяснява желанието си при наличието на необходимите финансови ресурси да използва методологията за устойчиво енергийно планиране, създадена в рамките на проект SmartEnCity, в своето интегрирано градско планиране с цел по-широкото въвеждане на мерки за подобряване на енергийната ефективност в основните сектори на потребление в комбинация с прилагане на възобновяема енергия с цел превръщането на общината ни в енергийно устойчива територия.



**ASSOCIATION OF RHODOPE MUNICIPALITIES**

BULGARIA, 4700-Smolyan, 14 Bulgaria blvd.

Address for correspondence: BULGARIA, 4700-Smolyan, 12 Bulgaria blvd., office 508, POB 100;


Phone: +359 301 620 48; GSM: +359 888 558 194; www.arm-bg.net

BULSTAT: 120015644 Company case N: 889/1992

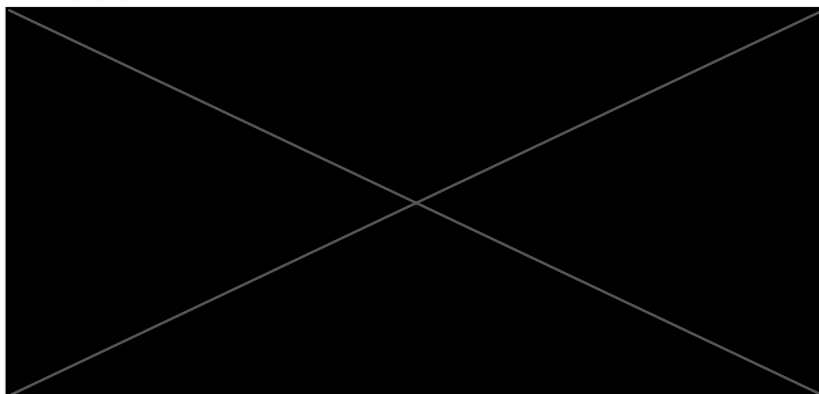


Letter of Interest

To Whom it may concern,


I,  Executive Director of Association of Rhodope Municipalities, hereby confirm that I have been introduced to the Cities4ZERO integrated energy planning methodology which has supported the Integrated Energy Plans of the Lighthouse and Follower cities of the SmartEnCity project and intend to spread these knowledge about the methodology or parts of it among our member municipalities for guiding their city's energy planning process.

Print name



Letter of Interest

To Whom it may concern,

I,  Chief consultant at Frederikshavn Municipality, am a member of the SmartEnCity Network and joined the Danish based SmartEnCity Network so called "Energibyerne" when this national cooperation was first established in December 2017. Ever since, I have been a part of multiple national and international capacity building workshops, events, etc. where the main topic has been based on Integrated Energy Planning (IEP) approaches including topics such as: energy efficiency and retrofitting, mobility, citizen engagement, ICT, renewable energy production and how these play an important role in the energy planning of a municipality.

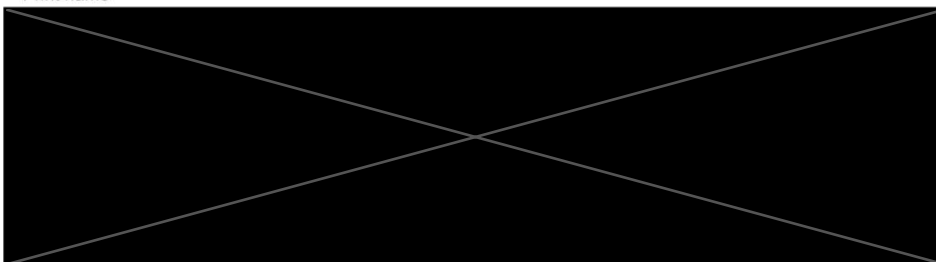
Sonderborg, one of the Lighthouse cities in the SmartEnCity project, has shared how they have used the energy planning methodology (Cities4ZERO) built within the project and have thus inspired us to boost some areas in our energy planning having their experiences in mind.

I, hereby confirm that I have been introduced to the Cities4ZERO Integrated Energy Planning methodology, which has supported the Integrated Energy Plans of the Lighthouse and Follower cities of the SmartEnCity project, and I have used the methodology or parts of it guiding our city's energy planning process.

Date


__ March 17th. 2022 _____

Print name



Letter of Interest

To Whom it may concern,

I, , Chief Energy and Climate Advisor, Hoje-Taastrup Municipality, am a member of the SmartEnCity Network and joined the Danish based SmartEnCity Network so called "Energibyerne" when this national cooperation was first established in December 2017. Ever since, I have been a part of multiple national and international capacity building workshops, events, etc. where the main topic has been based on Integrated Energy Planning (IEP) approaches including topics such as: energy efficiency and retrofitting, mobility, citizen engagement, ICT, renewable energy production and how these play an important role in the energy planning of a municipality.

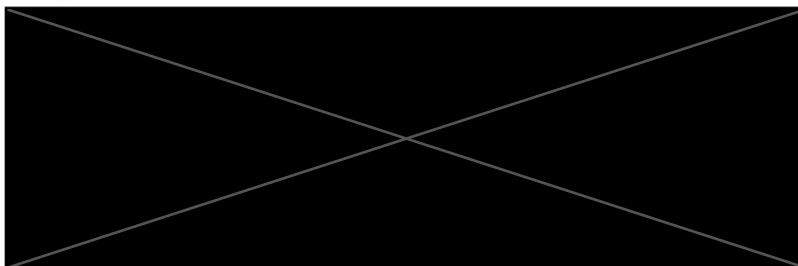
Sonderborg, one of the Lighthouse cities in the SmartEnCity project, has shared how they have used the energy planning methodology (Cities4ZERO) built within the project and have thus inspired us to boost some areas in our energy planning having their experiences in mind.

I hereby confirm that I have been introduced to the Cities4ZERO Integrated Energy Planning methodology which has supported the Integrated Energy Plans of the Lighthouse and Follower cities of the SmartEnCity project and have used the methodology or parts of it guiding our city's energy planning process.

Date

Hoje-Taastrup Municipality, March 21st, 2022


Print name





Letter of Interest

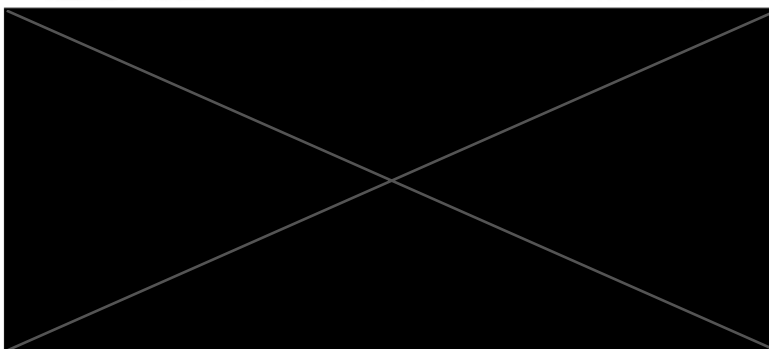
To Whom it may concern,

I,  am a member of the SmartEnCity Network and joined the Danish based SmartEnCity Network so called "Energibyerne" when this national cooperation was first established in December 2017. Ever since, I have been a part of multiple national and international capacity building workshops, events, etc. where the main topic has been based on Integrated Energy Planning (IEP) approaches including topics such as: energy efficiency and retrofitting, mobility, citizen engagement, ICT, renewable energy production and how these play an important role in the energy planning of a municipality.

Sonderborg, one of the Lighthouse cities in the SmartEnCity project, has shared how they have used the energy planning methodology (Cities4ZERO) built within the project and have thus inspired us to boost some areas in our energy planning having their experiences in mind.

I, hereby confirm that I have been introduced to the Cities4ZERO Integrated Energy Planning methodology which has supported the Integrated Energy Plans of the Lighthouse and Follower cities of the SmartEnCity project and I am interested in using the methodology or parts of it guiding our city's energy planning process.


Date 17.3.22





Letter of Interest

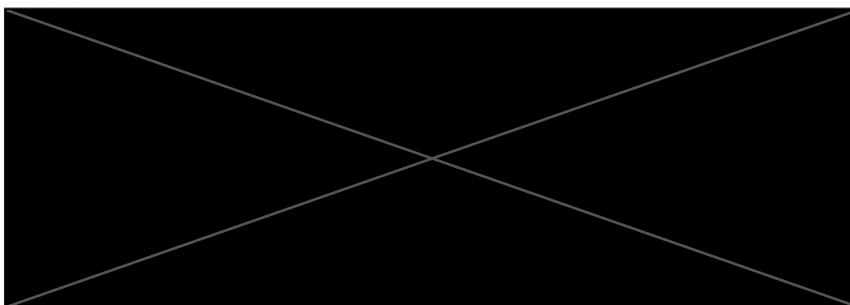
To Whom it may concern,

I, , Head of Climate, municipality of Middelfart, Denmark, am a member of the SmartEnCity Network and joined the Danish based SmartEnCity Network so called "Energibyerne" when this national cooperation was first established in December 2017. Ever since, I have been a part of multiple national and international capacity building workshops, events, etc. where the main topic has been based on Integrated Energy Planning (IEP) approaches including topics such as: energy efficiency and retrofitting, mobility, citizen engagement, ICT, renewable energy production and how these play an important role in the energy planning of a municipality.

Sonderborg, one of the Lighthouse cities in the SmartEnCity project, has shared how they have used the energy planning methodology (Cities4ZERO) built within the project and have thus inspired us to boost some areas in our energy planning having their experiences in mind.


I, hereby confirm that I have been introduced to the Cities4ZERO Integrated Energy Planning methodology which has supported the Integrated Energy Plans of the Lighthouse and Follower cities of the SmartEnCity project and appreciate the methodology or parts of it guiding our city's energy planning process. It is inspiring and integrated in the way we work.

Date 16. March 2022



Letter of Interest

To Whom it may concern,

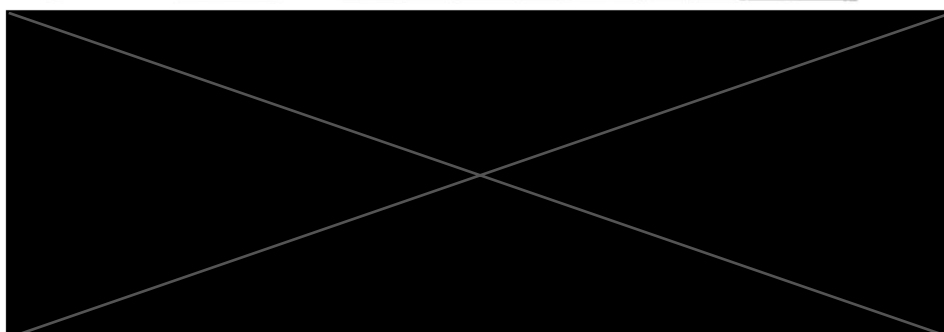
I,  Special Consultant, Climate Secretariat, Ringkøbing-Skjern Kommune, am a member of the SmartEnCity Network and joined the Danish based SmartEnCity Network so called “Energibyerne” when this national cooperation was first established in December 2017. Ever since, I have been a part of multiple national and international capacity building workshops, events, etc. where the main topic has been based on Integrated Energy Planning (IEP) approaches including topics such as: energy efficiency and retrofitting, mobility, citizen engagement, ICT, renewable energy production and how these play an important role in the energy planning of a municipality.

Sonderborg, one of the Lighthouse cities in the SmartEnCity project, has shared how they have used the energy planning methodology (Cities4ZERO) built within the project and have thus inspired us to boost some areas in our energy planning having their experiences in mind.

I, hereby confirm that I have been introduced to the Cities4ZERO Integrated Energy Planning methodology which has supported the Integrated Energy Plans of the Lighthouse and Follower cities of the SmartEnCity project and have used the methodology or parts of it guiding our city’s energy planning process.


Date

16-03-2022



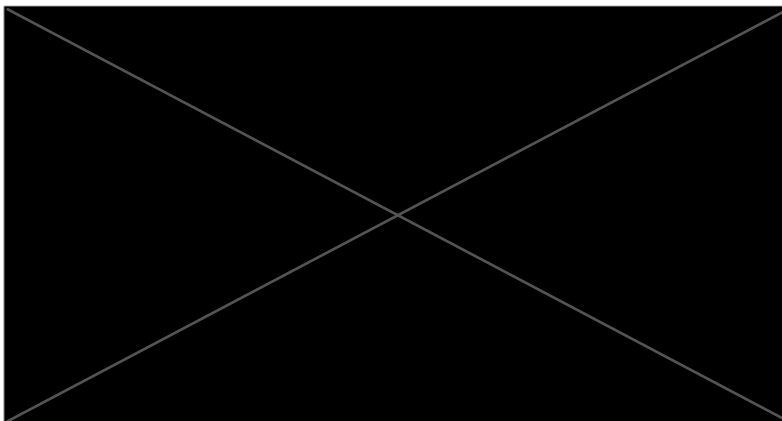
Letter of Interest

To Whom it may concern,

I, , team manager, Energiby, Skive Kommune, am a member of the SmartEnCity Network and joined the Danish based SmartEnCity Network so called "Energibyerne" when this national cooperation was first established in December 2017. Ever since, I have been a part of multiple national and international capacity building workshops, events, etc. where the main topic has been based on Integrated Energy Planning (IEP) approaches including topics such as: energy efficiency and retrofitting, mobility, citizen engagement, ICT, renewable energy production and how these play an important role in the energy planning of a municipality.


Sonderborg, one of the Lighthouse cities in the SmartEnCity project, has shared how they have used the energy planning methodology (Cities4ZERO) built within the project and have thus inspired us to boost some areas in our energy planning having their experiences in mind.

I, hereby confirm that I have been introduced to the Cities4ZERO Integrated Energy Planning methodology which has supported the Integrated Energy Plans of the Lighthouse and Follower cities of the SmartEnCity project and intend to use the methodology or parts of it guiding our city's energy planning process.



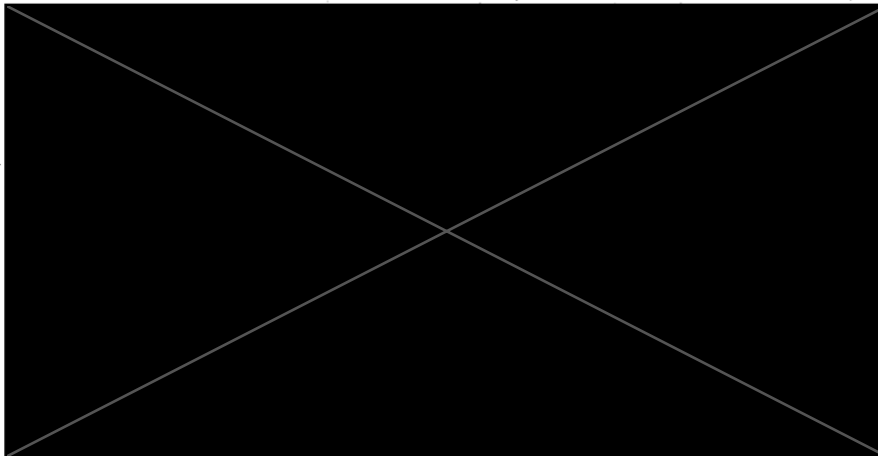
Letter of Interest

To Whom it may concern,

I,  Deputy meer, Haapsalu, am a member of the SmartEnCity Network and joined the Estonian based SmartEnCity Network (*Estonian Smart Cities Club*) when this national cooperation was first established in the spring of 2018. I have participated in multiple national and international capacity building workshops, events, etc. where the main topic has been Integrated Energy Planning (IEP) approaches including topics such as: energy efficiency and retrofitting, mobility, citizen engagement, ICT, renewable energy production and how these play an important role in the energy planning of a municipality.


Tartu, one of the Lighthouse cities in the SmartEnCity project, has shared their experience with using the energy planning methodology (Cities4ZERO) developed in the project and have thus inspired our municipality to boost certain areas in our energy planning while having Tartu's and other cities' experiences in mind.

I hereby confirm that I have been introduced to the Cities4ZERO Integrated Energy Planning methodology, which has supported the Integrated Energy Plans of the Lighthouse and Follower cities of the SmartEnCity project and I am interested in using the methodology or parts of it guiding our city's energy planning process.



Letter of Interest

To Whom it may concern,

I,  head of Türi Municipality am a member of the SmartEnCity Network and joined the Estonian based SmartEnCity Network (*Estonian Smart Cities Club*) when this national cooperation was first established in the spring of 2018. I have participated in multiple national and international capacity building workshops, events, etc. where the main topic has been Integrated Energy Planning (IEP) approaches including topics such as: energy efficiency and retrofitting, mobility, citizen engagement, ICT, renewable energy production and how these play an important role in the energy planning of a municipality.

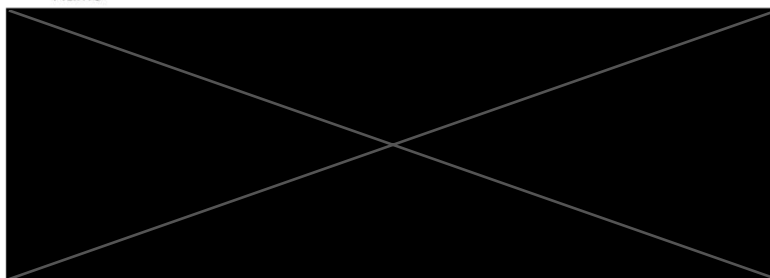
Tartu, one of the Lighthouse cities in the SmartEnCity project, has shared their experience with using the energy planning methodology (Cities4ZERO) developed in the project and have thus inspired our municipality to boost certain areas in our energy planning while having Tartu's and other cities' experiences in mind.

I hereby confirm that I have been introduced to the Cities4ZERO Integrated Energy Planning methodology, which has supported the Integrated Energy Plans of the Lighthouse and Follower cities of the SmartEnCity project, and I am interested in using the methodology or parts of it guiding our city's energy planning process.

Date


3. May 2022

Name



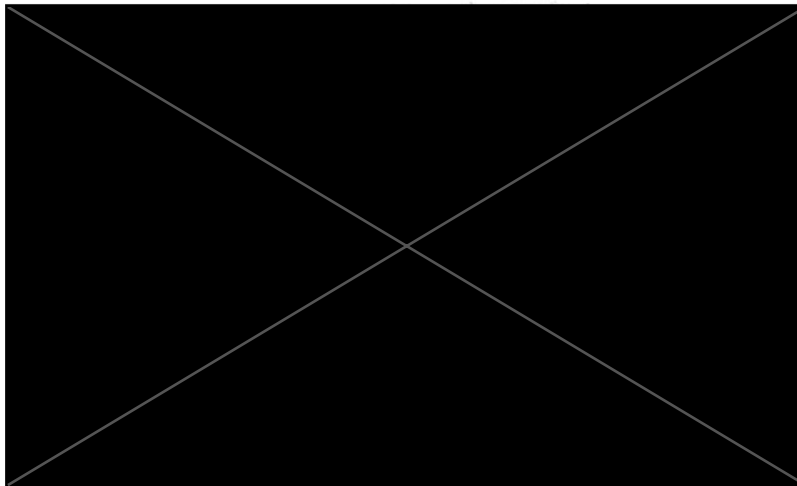
Letter of Interest

To Whom it may concern,

I,  Head of Development, Viimsi Municipality, am a member of the SmartEnCity Network and joined the Estonian based SmartEnCity Network (*Estonian Smart Cities Club*) when this national cooperation was first established in the spring of 2018. I have participated in multiple national and international capacity building workshops, events, etc. where the main topic has been Integrated Energy Planning (IEP) approaches including topics such as: energy efficiency and retrofitting, mobility, citizen engagement, ICT, renewable energy production and how these play an important role in the energy planning of a municipality.


Tartu, one of the Lighthouse cities in the SmartEnCity project, has shared their experience with using the energy planning methodology (Cities4ZERO) developed in the project and have thus inspired our municipality to boost certain areas in our energy planning while having Tartu's and other cities' experiences in mind.

I hereby confirm that I have been introduced to the Cities4ZERO Integrated Energy Planning methodology, which has supported the Integrated Energy Plans of the Lighthouse and Follower cities of the SmartEnCity project, and I am interested in using the methodology or parts of it guiding our city's energy planning process.



Letter of Interest

To Whom it may concern,

I, , maintenance manager of city government buildings, Viljandi city Estonia, , am a member of the SmartEnCity Network and joined the Estonian based SmartEnCity Network (*Estonian Smart Cities Club*) when this national cooperation was first established in the spring of 2018. I have participated in multiple national and international capacity building workshops, events, etc. where the main topic has been Integrated Energy Planning (IEP) approaches including topics such as: energy efficiency and retrofitting, mobility, citizen engagement, ICT, renewable energy production and how these play an important role in the energy planning of a municipality.

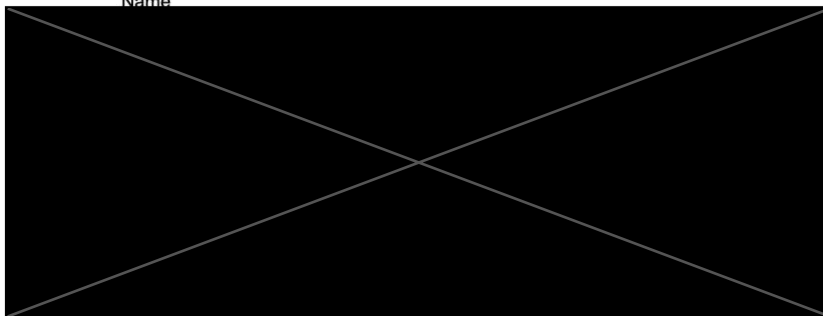
Tartu, one of the Lighthouse cities in the SmartEnCity project, has shared their experience with using the energy planning methodology (Cities4ZERO) developed in the project and have thus inspired our municipality to boost certain areas in our energy planning while having Tartu's and other cities' experiences in mind.

I hereby confirm that I have been introduced to the Cities4ZERO Integrated Energy Planning methodology, which has supported the Integrated Energy Plans of the Lighthouse and Follower cities of the SmartEnCity project and have used the methodology or parts of it guiding our city's energy planning process.

Date


_02 May 2022_____

Name



Lettera di Interesse

Agli interessati,

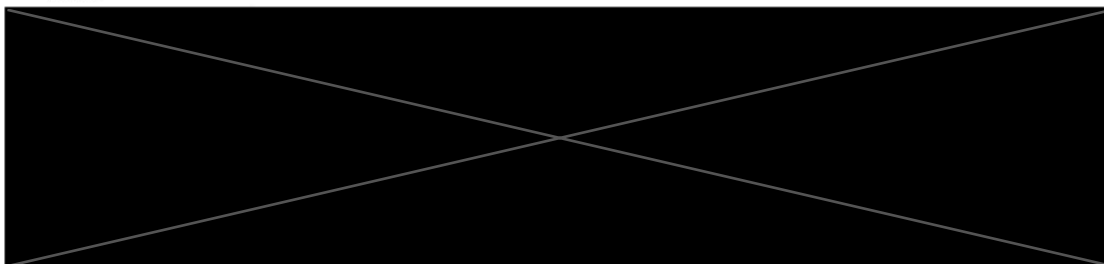
Io, , coordinatore delle attività dell'Ufficio Comune per la Sostenibilità Ambientale (www.ucca.eu) istituito dai comuni di Palma Campania, San Gennaro Vesuviano, San Giuseppe Vesuviano (capofila) e Striano, sono un membro del Network Italiano di SmartEnCity e ho partecipato a diverse iniziative organizzate nell'ambito del progetto, in cui il Comune di Lecce, una delle città Follower di SmartEnCity, ha condiviso la propria esperienza nell'utilizzo della metodologia di pianificazione energetica integrata (Cities4Zero).

Con la presente confermo di essere stato introdotto alla metodologia di pianificazione energetica integrata Cities4ZERO che ha supportato i Piani Energetici Integrati delle città Faro e Follower del progetto SmartEnCity e sono interessato a utilizzare la metodologia o parti di essa che guidano il processo di pianificazione energetica della nostra città.

Data

_____ 9 marzo 2022 _____

Nome



Lettera di Interesse

Agli interessati,

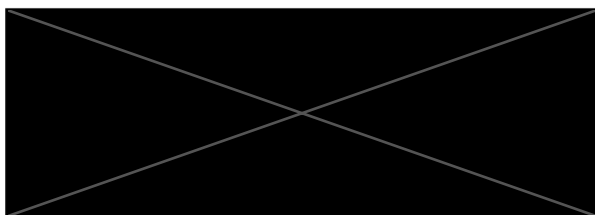
Io,  Energy Manager della Città di Benevento, sono un membro del Network Italiano di SmartEnCity e ho partecipato a diverse iniziative organizzate nell'ambito del progetto, in cui il Comune di Lecce, una delle città Follower di SmartEnCity, ha condiviso la propria esperienza nell'utilizzo della metodologia di pianificazione energetica integrata (Cities4Zero).

Con la presente confermo di essere stato introdotto alla metodologia di pianificazione energetica integrata Cities4ZERO che ha supportato i Piani Energetici Integrati delle città Faro e Follower del progetto SmartEnCity e Sono interessato a utilizzare la metodologia o parti di essa che guidano il processo di pianificazione energetica della nostra città.

Data

17 marzo 2022

Nome




**COMUNE DI LEVERANO**
Provincia di Lecce

SETTORE TECNICO LAVORI PUBBLICI E SERVIZI MANUTENTIVI
Via C. Menotti n. 14 – 73045 LEVERANO – Tel. 0832 923422 Fax 0832 923418

Lettera di Interesse

Agli interessati,

Io, , Responsabile Settore LL.PP., Comune di Leverano (Le), sono un membro del Network Italiano di SmartEnCity e ho partecipato a diverse iniziative organizzate nell'ambito del progetto, in cui il Comune di Lecce, una delle città Follower di SmartEnCity, ha condiviso la propria esperienza nell'utilizzo della metodologia di pianificazione energetica integrata (Cities4Zero).

Con la presente confermo di essere stato introdotto alla metodologia di pianificazione energetica integrata Cities4ZERO che ha supportato i Piani Energetici Integrati delle città Faro e Follower del progetto SmartEnCity e sono interessato a utilizzare la metodologia o parti di essa che guidano il processo di pianificazione energetica della nostra città.

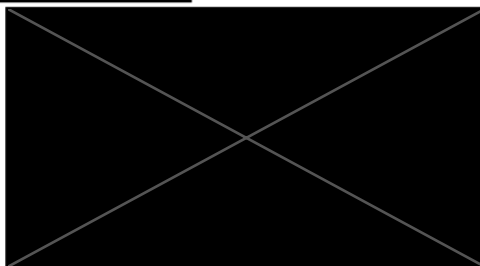
Data

08/03/2022

Nome




Firma





Lettera di Interesse

Agli interessati,

Io,  RESPONSABILE UNICO DEL PROCEDIMENTO (RUP) DI APPALTI PUBBLICI DEL COMUNE DI PESARO, sono un membro del Network Italiano di SmartEnCity e ho partecipato a diverse iniziative organizzate nell'ambito del progetto, in cui il Comune di Lecce, una delle città Follower di SmartEnCity, ha condiviso la propria esperienza nell'utilizzo della metodologia di pianificazione energetica integrata (Cities4Zero).

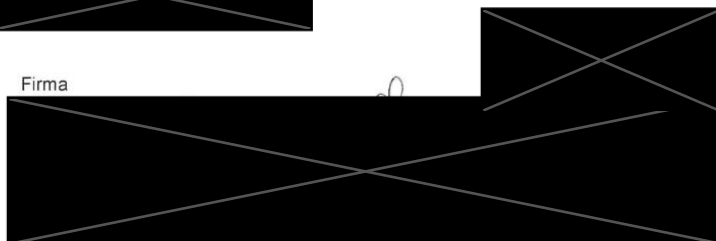
Con la presente confermo di essere stato introdotto alla metodologia di pianificazione energetica integrata Cities4ZERO che ha supportato i Piani Energetici Integrati delle città Faro e Follower del progetto SmartEnCity e sono interessata ad utilizzare la metodologia o parti di essa che guidano il processo di pianificazione energetica della nostra città.

Data, 06/06/2022

Nome


A black rectangular box with a white 'X' inside, used to redact the name of the signatory.

Firma

A large black rectangular box with a white 'X' inside, used to redact the signature of the signatory.

Lettera di Interesse

Agli interessati,

Io,  European project manager di Risorse per Roma SpA, società partecipata da Roma Capitale, sono un membro del Network Italiano di SmartEnCity e ho partecipato a diverse iniziative organizzate nell'ambito del progetto, in cui il Comune di Lecce, una delle città Follower di SmartEnCity, ha condiviso la propria esperienza nell'utilizzo della metodologia di pianificazione energetica integrata (Cities4Zero).

Con la presente confermo di essere stato introdotto alla metodologia di pianificazione energetica integrata Cities4ZERO che ha supportato i Piani Energetici Integrati delle città Faro e Follower del progetto SmartEnCity e sono interessato a utilizzare la metodologia o parti di essa che guidano il processo di pianificazione energetica della nostra città.

8 marzo 20221

