



# WEBINAR

Developing and  
implementing SECAPs in  
small & rural municipalities



**8 June 2023**

**11:00 – 12:30 CEST**

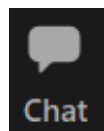


# Housekeeping

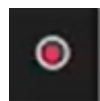
**RENAME** Please **rename yourself** with your name and organization



**Switch off your microphone/camera** during presentation



Do you have questions for the speakers? Please use the **chat box**



Please note that this webinar is being **recorded** and made available on the **CoM library**



We will give you the floor during the **Q&A session**

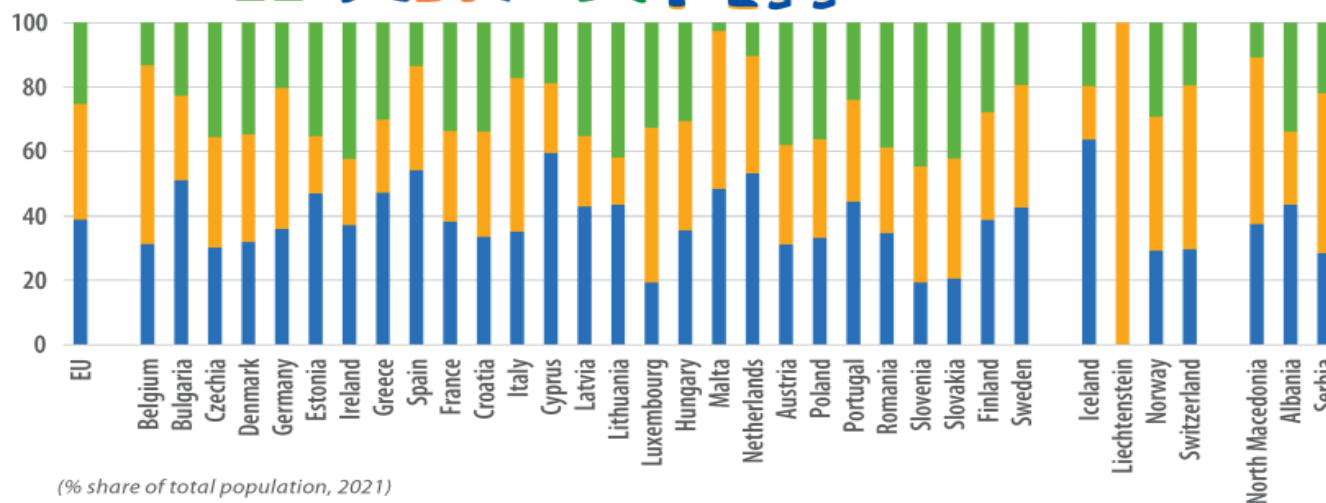


# Scene setter

How is the population distributed by degree of urbanisation?



Source: Eurostat, JRC and European Commission Directorate-General for Regional Policy, 2021

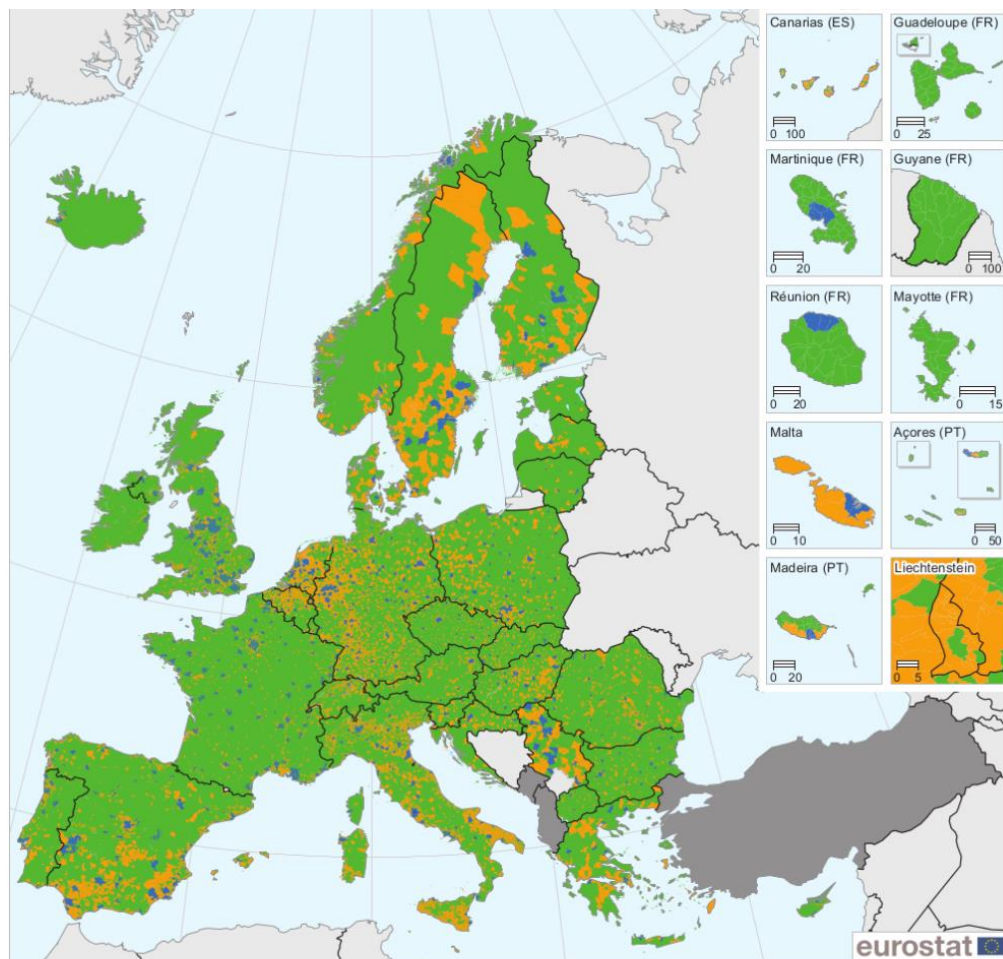


## EU population

25% in rural areas | 35% in towns and suburbs | 40% in cities



# Scene setter



**Rural areas represent around 80% of the total EU area.**

- Cities**  
(Densely populated areas: at least 50 % of the population lives in urban centres)
- Towns and suburbs**  
(Intermediate density areas: less than 50 % of the population lives in rural grid cells and less than 50 % of the population lives in urban centres)
- Rural areas**  
(Thinly populated areas: more than 50 % of the population lives in rural grid cells)
- Data not available**

Administrative boundaries: © EuroGeographics © UN-FAO © Turkstat  
Cartography: Eurostat — GISCO, 05/2018

Note: based on population grid from 2011 and LAU 2016.  
Source: Eurostat, JRC and European Commission Directorate-General for Regional Policy

# Agenda



## WELCOME & INTRODUCTION

- |       |   |
|-------|---|
| 11:00 | <b>Welcome</b>   Covenant of Mayors – Europe Office, Andrea Carosi  |
|       | <ul style="list-style-type: none"><li>• <b>Role of local governments towards energy transition and resilient systems</b>   DG CLIMA, Katerina Fortun</li></ul>  |
| 11:05 | <ul style="list-style-type: none"><li>• <b>Smart Cities Marketplace opportunities for SECAP implementation</b>   DG ENER, Georg Houben</li><li>• <b>Rural Pact support for the EU's rural areas</b>   DG AGRI, Silvia Nanni</li></ul> |

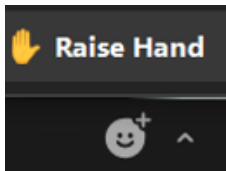
## GOOD EXPERIENCES

- |       |   |
|-------|---|
| 11:30 | <ul style="list-style-type: none"><li>• <b>Central and Eastern European Sustainable Energy Network</b>   University of Tartu, Elis Vollmer</li></ul>  |
| 11:40 | <ul style="list-style-type: none"><li>• <b>Joint SECAP Mount Vesuvius area, Italy</b>   Joint Office for Environmental Sustainability (UCSA), Luigi Acquaviva</li><li>• <b>Gabrovo SECAP 2030, Bulgaria</b>   Municipality of Gabrovo, Tanya Hristova</li></ul> |

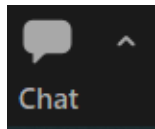
## DISCUSSION

- |       |   |
|-------|---|
| 12:10 | <b>Q&amp;A session</b>  |
| 12:25 | <b>Wrap up and conclusion</b>   Covenant of Mayors – Europe Office, Andrea Carosi |

# Any questions?



Raise your hands to ask for the floor



Or write your questions in the chat box



# Many thanks for your kind attention!



## WEBINAR

Developing and  
implementing SECAPs in  
small & rural municipalities

More information:

<https://eu-mayors.ec.europa.eu/en/home>

Contacts:

[info@eumayors.eu](mailto:info@eumayors.eu)  
[andrea.carosi@eumayors.eu](mailto:andrea.carosi@eumayors.eu)



**8 June 2023**

**11:00 – 12:30 CEST**

**EUROPEAN  
CLIMATE  
PACT**



**Covenant of Mayors  
for Climate & Energy  
EUROPE**

**EU initiatives supporting cities and  
local stakeholders:  
European Climate Pact  
Covenant of Mayors**



European Commission , DG CLIMA, Katerina FORTUN, katerina.fortun@ec.europa.eu

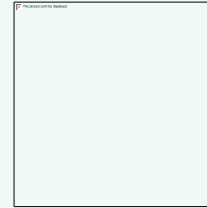
**#MyWorldOurPlanet  
#EUClimatePact**



# What are the ingredients we need for the climate action?



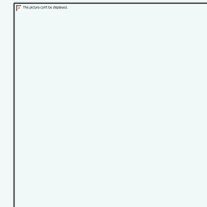
**European Green Deal  
(climate neutrality by 2050)**



**EU's emissions reductions mid-term targets: -55% by 2030  
(compared to 1990)**



**Legislations & policies**



**Climate action by  
European citizens**

**Funding**



**... this is where 'the race to climate neutrality will be won or lost'**

# European Climate Pact



- The European Climate Pact is a **movement of people** united around a common cause, each taking steps in their own worlds to build a more **sustainable Europe** for us all.
- It provides **toolkits** and innovative ways to support public institutions to **engage with citizens** in the green transition journey. Climate Pact Ambassadors make climate work action on the ground.
- Connect with your local ecosystem to reach common goals. Engage your citizens through deliberative formats, which will empower citizens **to make their voices heard** in the climate policy discourse.



# The importance of citizens engagement in local climate action

# Youth Climate Pact Challenge

- People aged 15-30 from across Europe
- Goal: scaling up youth climate action through the co-creation of concrete youth engagement activities
- Project ideas in four categories:
  - Support for Young Climate Pact Ambassadors
  - Stepping up individual climate action
  - Stepping up youth involvement in climate policy
  - Education for climate action

[Website Youth Climate Pact Challenge](#)



# Climate Fresk!

The tool

What if the game is the most efficient method to raise awareness?



[Website Climate Fresk](https://www.euclimatepact.eu/)

# Youth Climate Pact Dialogue



Youth Dialogue between Young Climate Pact Ambassadors and European Vice President  
Frans Timmermans

[Report: Youth Dialogue on Sustainable Consumption](#)

[Guidance: How to Run a Youth Dialogue at Local, Regional or National Level](#)

# Toolkit for European Youth Engagement (EYE)

- We present **6 common arguments** people use to justify their inaction, along with suggestions on how you can respond to each of them in a positive way
- **Practical way to engage young people in your communities**
- Example: Create such a forum for discussion with people from your **cities in a workshop** format
- Several formats are possible:
  - One statement per working group and thinking together how to answer to a person who is not convinced
  - You can use it for townhalls to discuss climate initiatives for your cities

[Toolkit: How to talk to people about climate action](#)

# Peer Parliaments for Cities

- From November 2021 to March 2022, European citizens conducted a total of **461 Peer Parliaments across 26 EU Member States**.
- **Small groups of 5-10 individuals** brainstormed ideas and solutions for some of Europe's biggest climate and environmental questions.
- **Peer Parliaments can be adapted** to any political context.
- **Cities can invite small groups of people to discuss a political question** or topic that is currently relevant in their city context - principle of self-organization
- The different groups could meet which could also play a part in community-building and then present their solutions to the cities in an interactive format.

[Guidance: The Peer Parliaments go local: How to adapt the format to cities](#)



# Local Collective Narratives (LCN) and Prototyping for Action (PfA)

## 1. Understanding citizens' needs and worries

and frame their current problems as challenges:

- LCN workshops aim to identify factors that affect citizens' capacity and/or willingness to change their behaviour towards climate protection – so called **collective narratives**.

## 2. Moving towards concrete ideas for solutions to address the issues raised:

- PFA workshops develop local actions that work in a specific local context.



# Climate Pact Ambassadors



# European Climate Pact Website

## Resources

### [Climate Pact Website Resources](#)



### European Climate Pact

- Home
- About
- News
- Ambassadors
- Young people
- Pledges
- Resources
- Events

[European Commission](#) > [European Climate Pact](#) > Resources

## Resources

The resource library of the Climate Pact provides useful and inspiring information on climate change, climate initiatives and possible actions. Explore the resources to learn more about climate issues and EU actions, help you to engage in climate action and connect with climate stakeholders and communities.

*The purpose of any linked reference from European Commission websites to any specific external resource, online service or a website, is to enhance the information available on European Commission websites and help visitors to those websites.*

*Such linked references do not constitute endorsement by the European Commission of the specific external resource, online service or a website, nor endorsement of the information, contained in the linked reference, nor endorsement of the organisations owning the external websites.*

#### Cities

Working to build a more sustainable Europe at the local level? Find here a compilation of useful tools, stories, and ideas that can help local authorities exercise their leadership at the frontline of climate and environmental action.

#### Citizen engagement

Initiatives are emerging everywhere to tackle climate change. Citizen engagement resources will inspire you to participate in climate action across your sphere of influence.

#### Climate awareness

Climate change has multiple impacts on the planet and on us. Climate awareness resources help to inform you and expand your knowledge on the environmental challenges we are facing.

#### Climate communication

It is not always easy to catch attention and show how crucial and accessible climate action is. Climate communication resources will provide you with useful elements to popularise relevant information with wide audiences.

#### Climate policy

Climate action depends on both individuals and institutions. Climate policy resources gather policy outputs or mechanics to support you in encouraging initiatives at a wider level.

#### Pledging

Interested in committing yourself or your organisation to climate action? Pledging resources help you to understand more about the steps you can take for the planet.

#### Youth

From street demonstrations to local beach clean-ups, young people are at the heart of climate action. Browse through these resources dedicated specially to youth to support your passion for making a difference.

# Thank you!

Every action counts, no action is too small!  
Thank you for your contributions!



[https://europa.eu/climate-pact/index\\_en](https://europa.eu/climate-pact/index_en)



[@EUClimateAction](https://www.facebook.com/EUClimateAction)



[@EUClimateAction](https://twitter.com/EUClimateAction)



[@ourplanet\\_eu](https://www.instagram.com/ourplanet_eu)



[@EU Environment and Climate](https://www.linkedin.com/company/eu-environment-and-climate)



<https://covenantofmayors.eu/en/>



[@eumayors](https://www.facebook.com/eumayors)



[@eumayors](https://twitter.com/eumayors)



[@CovenantofMayorsEurope](https://www.instagram.com/CovenantofMayorsEurope)



[@Covenant of Mayors Europe](https://www.linkedin.com/company/CovenantofMayorsEurope)

# Smart Cities Marketplace



**CoM-CEESEU Webinar | Developing and  
implementing SECAPs in small and rural  
municipalities**



**Georg HOUBEN, DG ENER, unit B1**

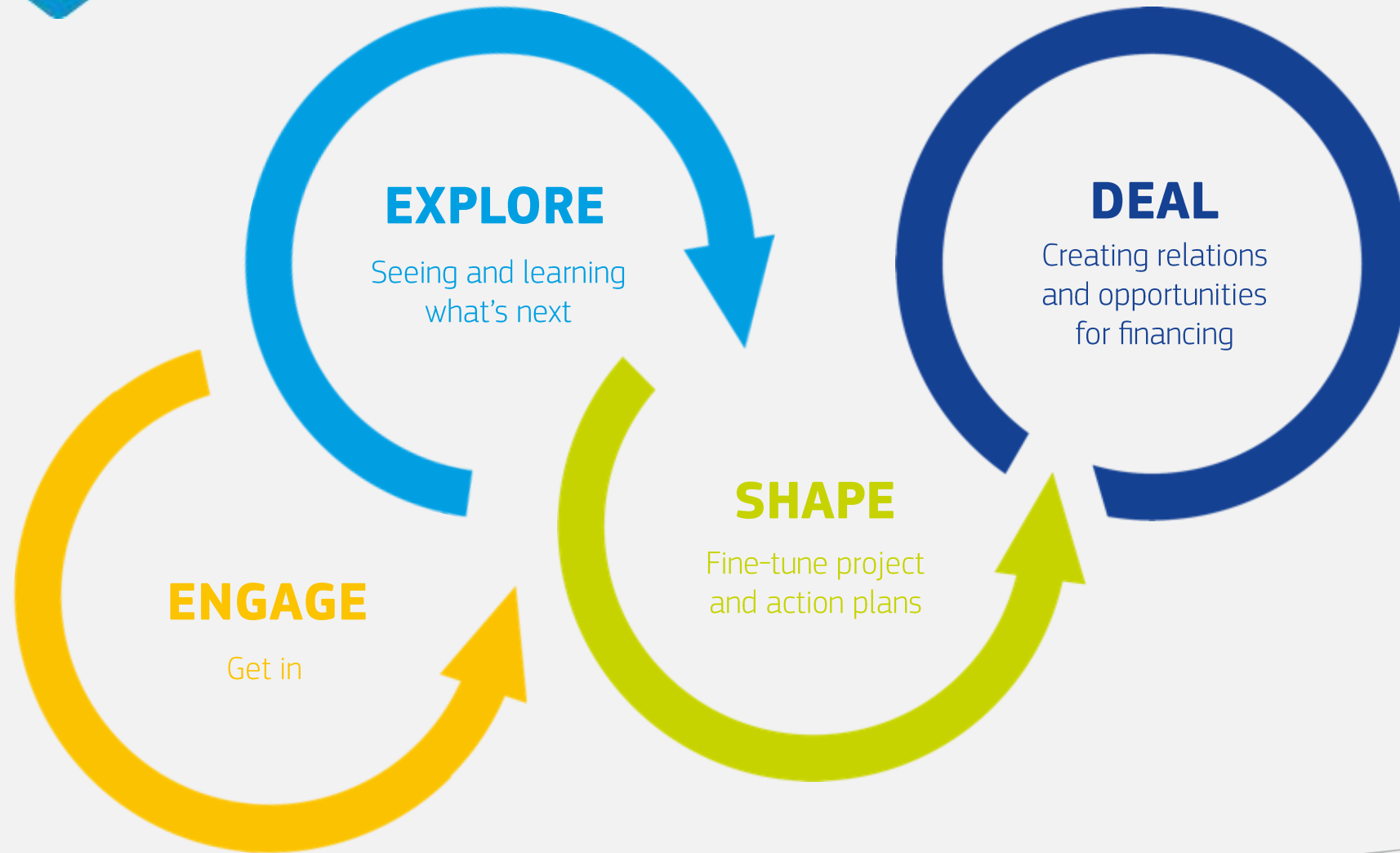
# THE SCM IN A NUTSHELL



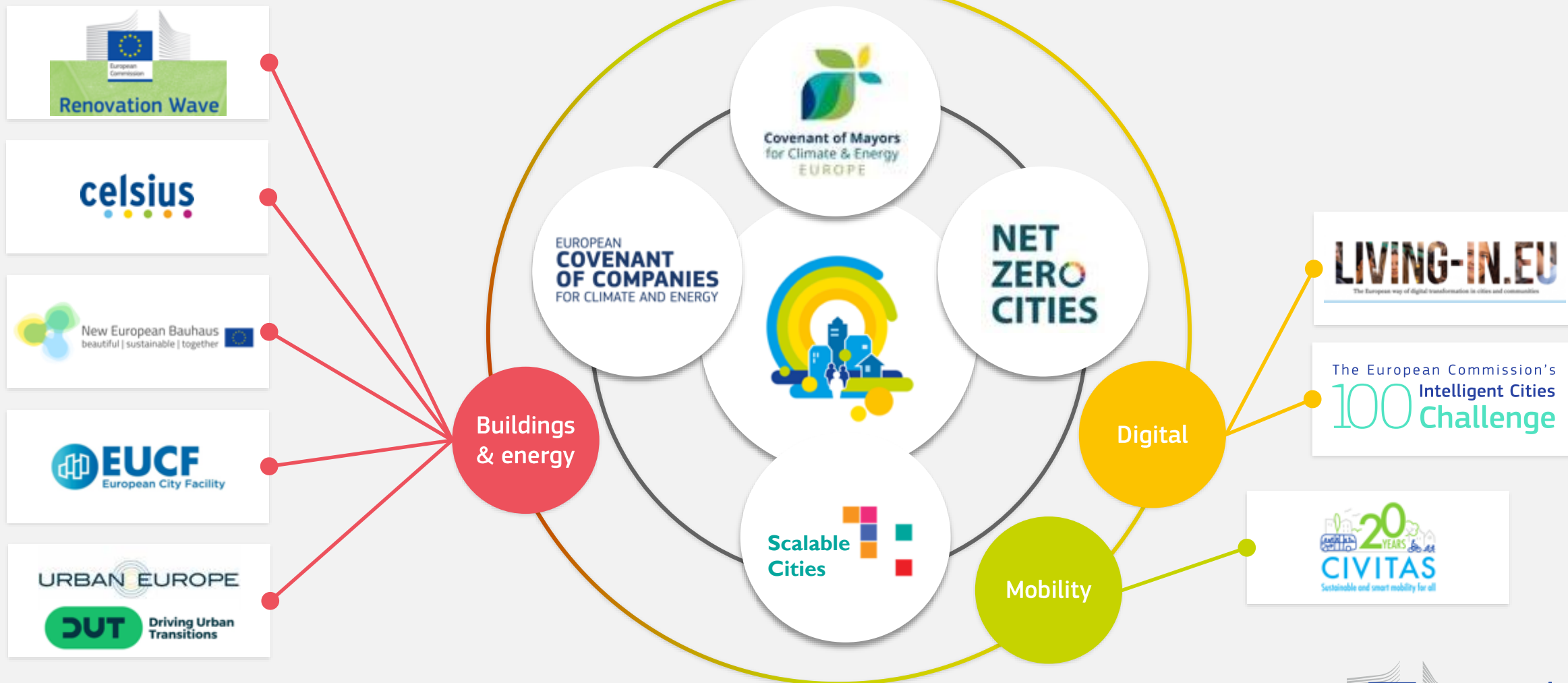
The Smart Cities Marketplace helps cities and towns of all sizes to

deliver more sustainable urban environments, and offers all the information needed to explore, shape and set up successful smart city projects – in one place.

# THE SCM PROCESS



# SYNERGIES





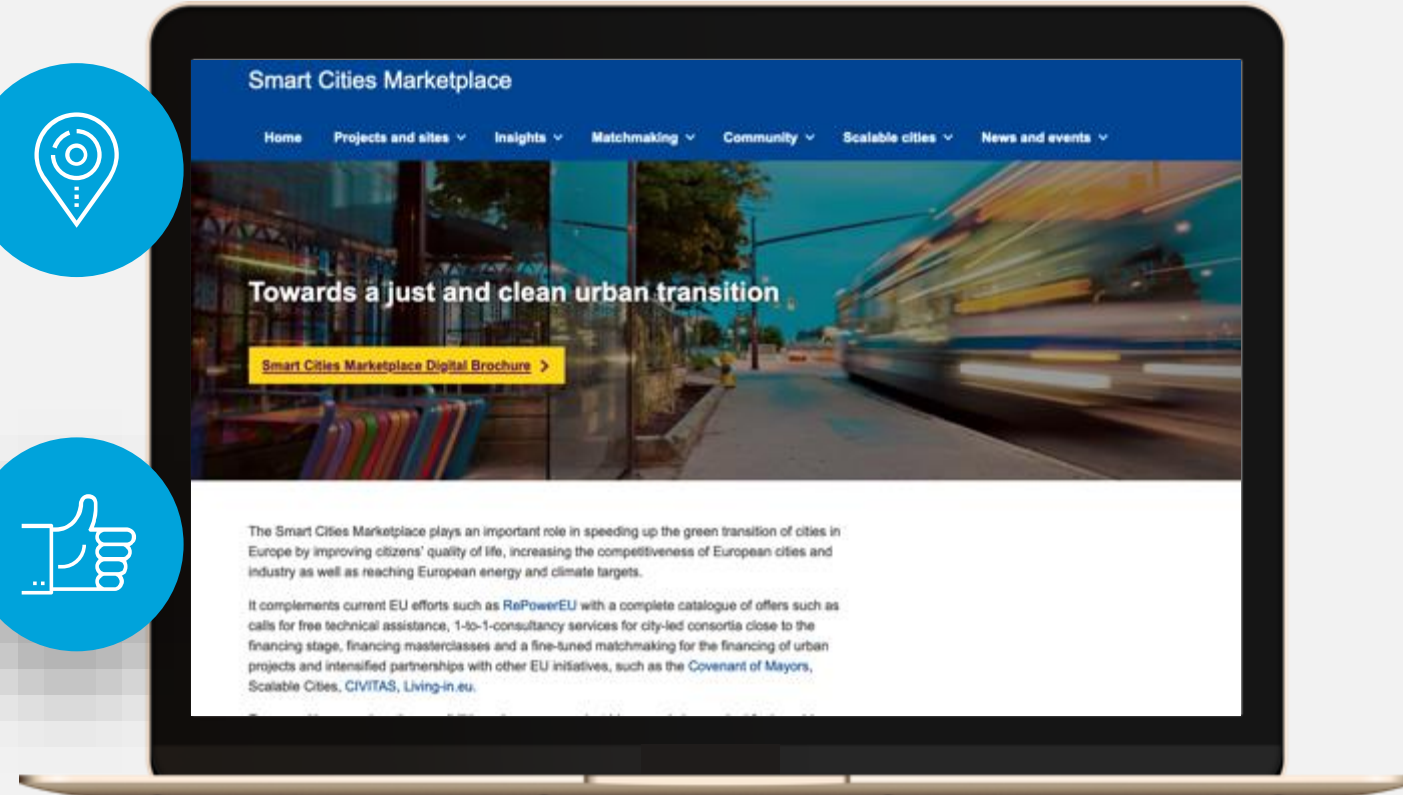
# THE SCM AS A KNOWLEDGE HUB – THE WEBSITE (1)



Find use cases from more than 80 successful **European climate-neutral and Smart City projects** implemented in both small and medium-sized towns and in metropolitan areas such as London, Barcelona and Vienna.



Explore the data - many projects have reported their core data into our **Self-Reporting Tool**, to be picked up and developed into bankable solutions.

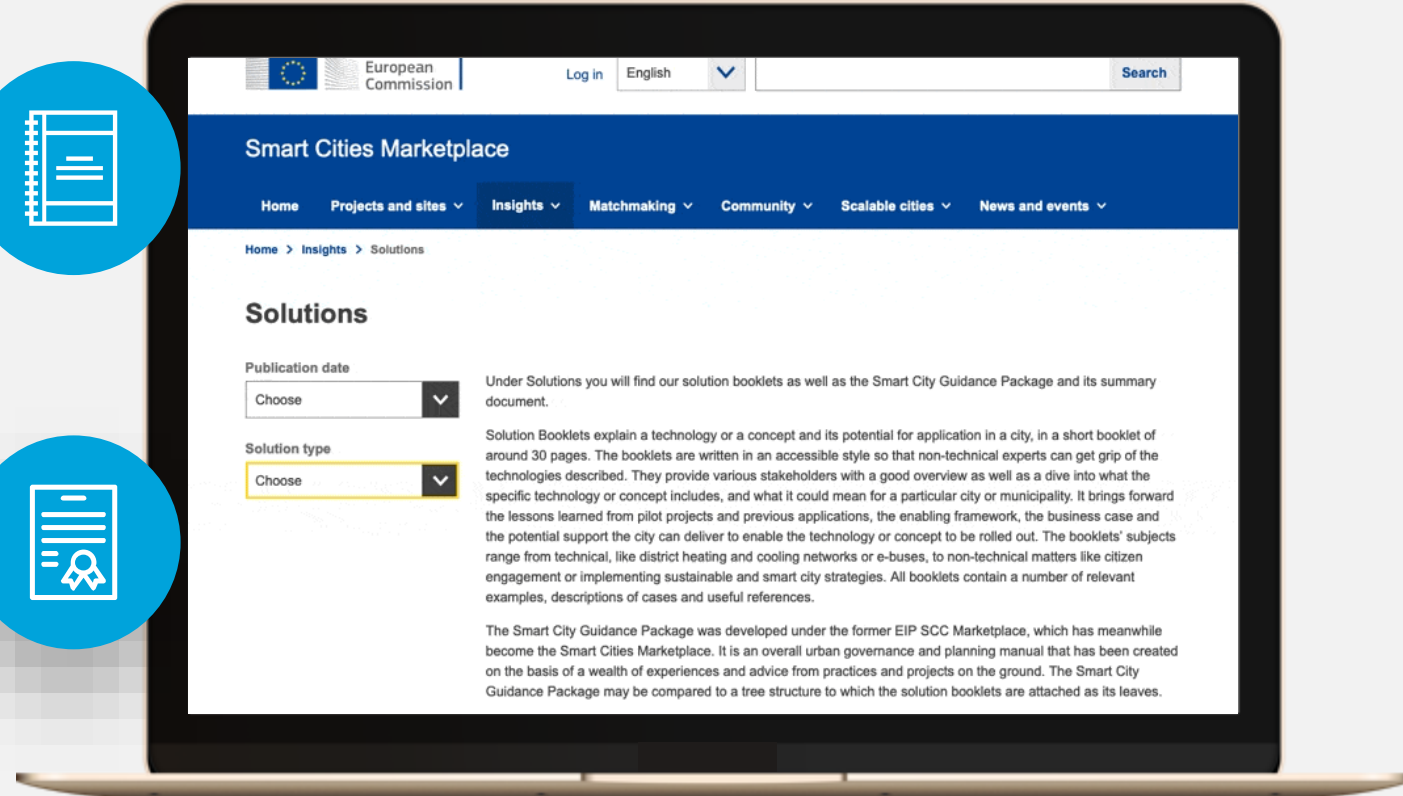
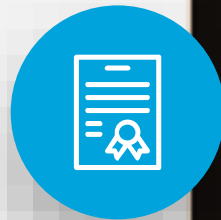


# THE SCM AS A KNOWLEDGE HUB – THE WEBSITE (2)



**Solution booklets** range from technical, like district heating and cooling networks or e-buses, to non-technical matters like citizen engagement or implementing sustainable and smart city strategies.

**Policy papers** are based on extensive analysis of climate-neutral and smart city projects and relevant literature, important policy challenges have been identified and investigated.



# THE SCM AS A KNOWLEDGE HUB – THE WEBSITE (3)



## Watch out!

The Smart Cities Marketplace will soon have a **fully integrated Wiki**, which is going to be based on the Smart City Guidance Package's structure.

The new Wiki will serve as the all new and central knowledge management structure - **easy to use, flexible, future proof and growing over time** with the help of the vast knowledge of the Smart Cities Marketplace's wider community.



# MATCHMAKING APPROACH



Receive help to make the match between your climate-neutral and smart city projects and **potential investors**.

Participation in matchmaking events where you can meet investors and project representatives face to face



# INVESTOR NETWORK EXPANDING



**AMBER**  
INFRASTRUCTURE GROUP

Aquila Capital 

 **ASPER**

**arcus**  
INFRASTRUCTURE PARTNERS

 **Civiesco**

**eeef**  
EUROPEAN ENERGY  
EFFICIENCY FUND

  
**FUNDING  
FOR FUTURE**  
Create Value With  
Your Capital -

 **GLENMONT  
PARTNERS**

**GNE FINANCE**  
High Impact Investments

  
**greenCrowd**  
www.greencrowd.energy

  
**greenward**  
FINANCE

 **JOULE  
ASSETS**

 **KYOTHERM**  
hosting in clean energy

 **PRIMEVEST**  
Capital Partners

**reenag**

**SCIF** SMART CITY  
INFRASTRUCTURE  
FUND

 **Suma Capital**

...and expanding!

# CONSULTANCY AND MASTERCLASSES



Benefit from the SCM's [1-to-1-consultancy](#) services where investors enable consortia projects with financing opportunities.

Join the SCM's [Financing Masterclasses](#) to gain practical insights into different fields of climate-neutral and smart cities.

127

Bankable  
project  
proposals  
received

€ 616.3  
million

Bankable  
project  
proposals  
received

17

Investor  
network  
members

# FOCUS & DISCUSSION GROUPS









Be part of one of the SCM's **Focus & Discussion groups** where participants can exchange experience, cooperate, support and discuss a specific topic.

[smart-cities-marketplace.ec.europa.eu/  
focus-and-discussion-groups](https://smart-cities-marketplace.ec.europa.eu/focus-and-discussion-groups)

# THE SCM COMMUNITY IN NUMBERS



 Website	 Newsletter	 Twitter	 LinkedIn	 YouTube	 Podcasts
<b>2.8M</b> Visitors	<b>2549</b> Subscribers	<b>14,3K</b> Followers	<b>4,755K</b> Followers	<b>860</b> Subscribers	<b>4</b> Episodes





Thank you! Contact the SCM team with any questions you may have.



[info@smartcitiesmarketplace.eu](mailto:info@smartcitiesmarketplace.eu)



# Rural Pact support for the EU's rural areas

Silvia NANNI (DG AGRI, Unit D1)

CoM – CEESEU Webinar

“Developing and implementing SECAPs in small and rural municipalities”

08/06/2023



#RuralPact



Funded by  
the European Union

# The long-term vision for EU's rural areas

Vice-president of EC  
Demography & Democracy  
Dubravka Šuica



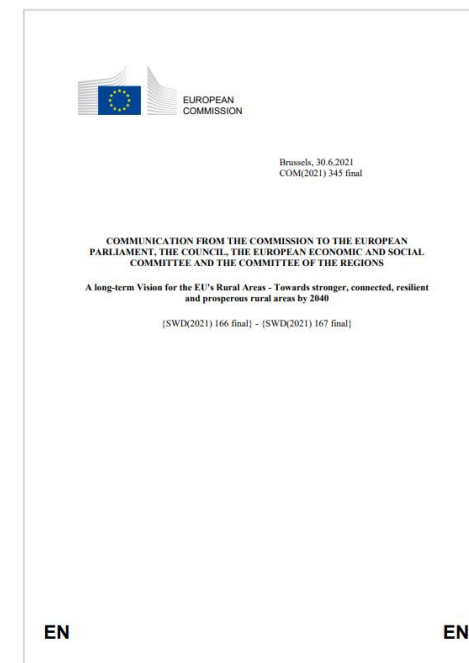
[Communication](#) from the EC  
(June 2021)



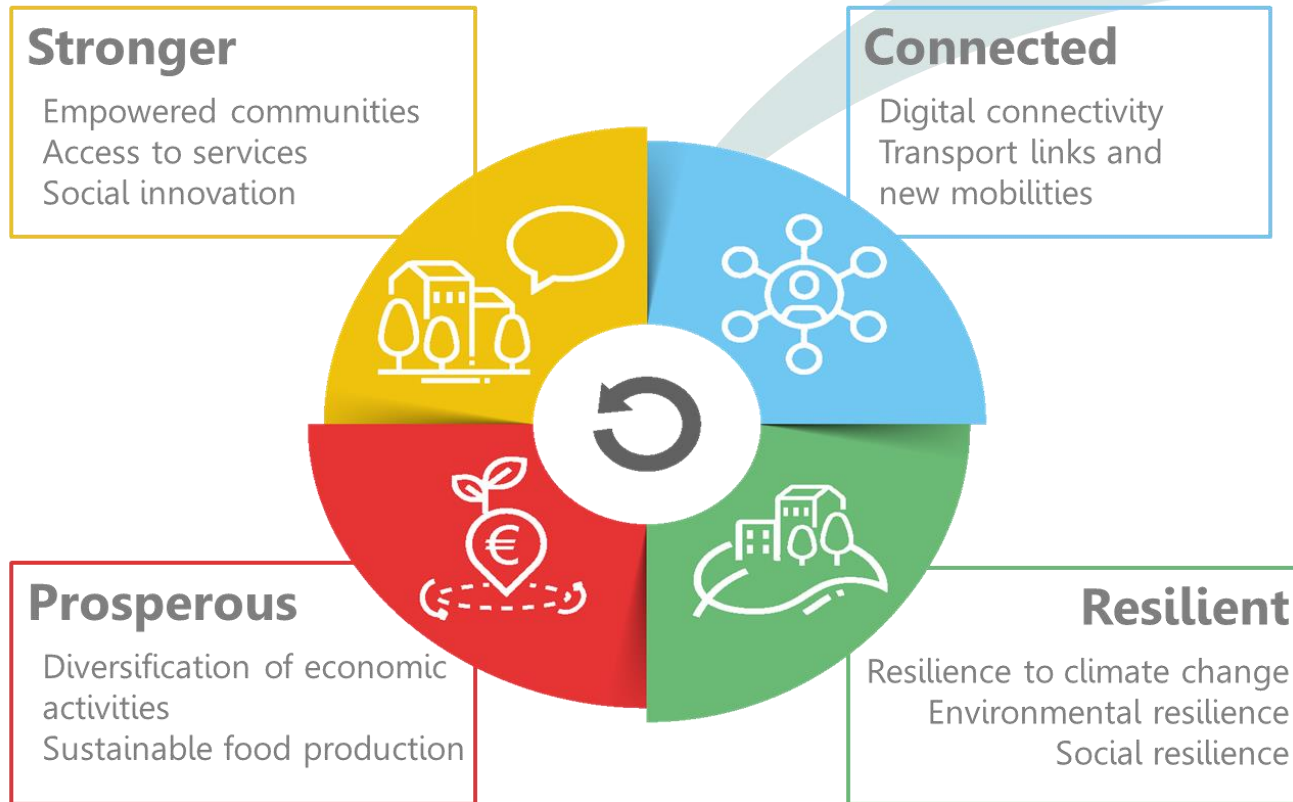
Commissioner (Agriculture)  
Janusz Wojciechowski



Commissioner (Cohesion and reforms)  
Elisa Ferreira



# The rural vision by 2040



Shared goals for 2040



Rural action plan (EC) & Rural Pact (everyone)



# The long-term vision for the EU's rural areas



## 10 SHARED GOALS FOR 2040

1. **Attractive spaces**, developed in harmonious **territorial development**
2. Engaged in **multi-level** and **place-based governance**
3. Providers of **food security**, economic **opportunities**, goods and **services** for wider society
4. Dynamic communities focusing on **well-being**
5. **Inclusive communities**
6. Flourishing sources of **nature**
7. Fully benefiting from **digital innovation**
8. **Entrepreneurial, innovative** and **skilled** people
9. Lively places equipped with efficient, accessible and affordable **public and private services**
10. Places of **diversity**

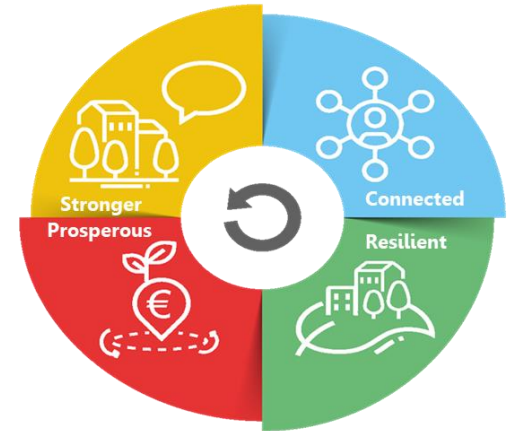
# The long-term vision for the EU's rural areas



## LONG-TERM VISION FOR RURAL AREAS

10 SHARED GOALS FOR 2040

EU RURAL ACTION PLAN



### 9 Flagship initiatives

-  1. Rural revitalisation platform
-  2. Research and innovation for rural communities
-  3. Sustainable multimodal **mobility** best practices for rural areas
-  4. Rural **digital** futures
-  5. Support rural municipalities in **energy transition** and fighting climate change
-  6. Climate action in peatland through **carbon farming**
-  7. EU **mission** : a soil deal for Europe
-  8. **Social resilience** and **women** in rural areas
-  9. **Entrepreneurship** and **social economy** in rural areas

# The long-term vision for the EU's rural areas

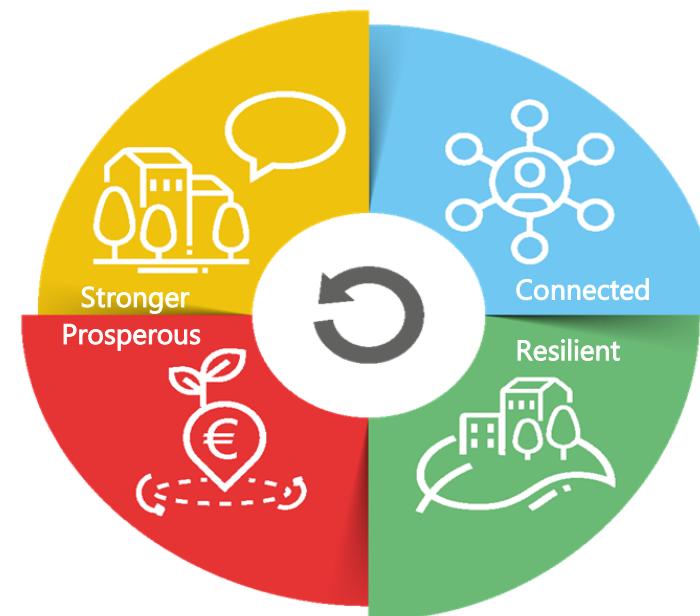
## LONG-TERM VISION FOR RURAL AREAS

10 SHARED GOALS FOR 2040

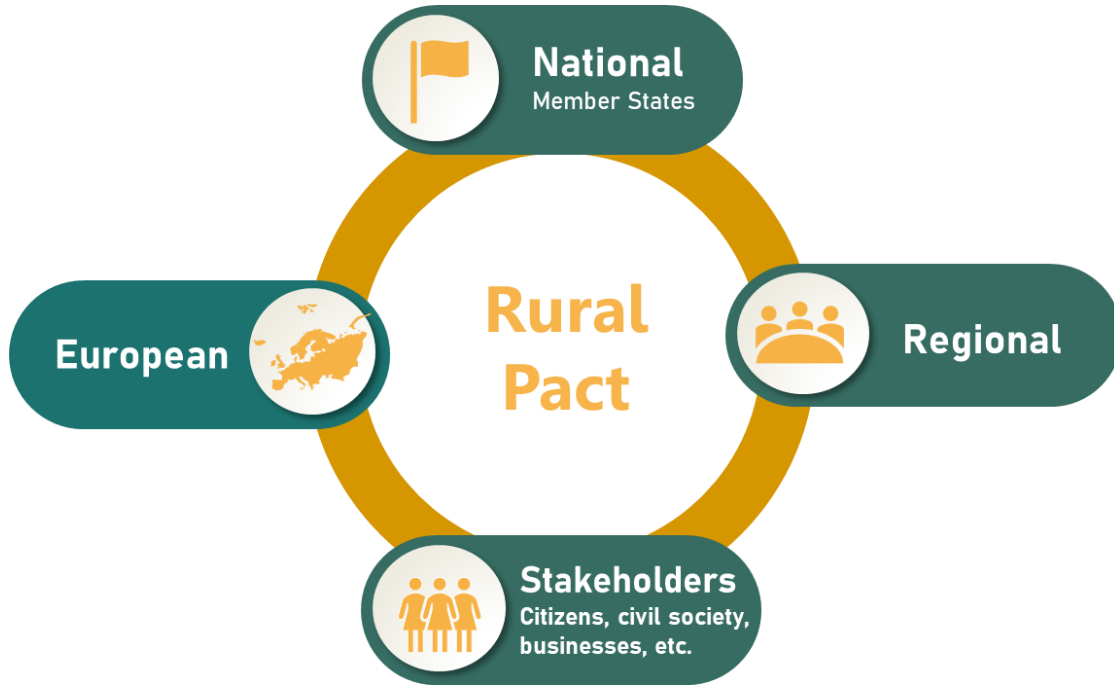
EU RURAL ACTION PLAN

6  
Horizontal  
actions

1. Rural Observatory
2. Functional Rural Areas
3. Improved Statistics
4. Rural Proofing
5. Toolkit on EU funding
6. Rural Pact ←



# The Rural Pact



## What is the Rural Pact ?

The Rural Pact is a formal space and framework to boost cooperation between national, regional and local governments, civil society organisations, businesses, academics and citizens to act towards the shared goals of the rural vision.

#RuralPact



## Participatory process

**Rural Pact**

*Proposals from the Rural Pact preparatory group for the Rural Pact conference on 15-16 June 2022*

**Introduction**

With the adoption of the Communication on a Long-term Vision for the EU's rural areas, the European Commission committed to setting-up a Rural Pact. This Pact will contribute to reaching the shared goals of the Long-term Vision for the EU's rural areas but also fits into the EU's broader commitment of implementing the United Nation's Sustainable Development Goals and ensuring balanced territorial development.

Following the launch of the Rural Pact Community, in December 2021, over 1000 individuals and organisations have endorsed the shared goals of the rural vision and want to work towards their achievement. This draft is the next step in the Rural Pact process. Drafted by EU institutions and rural stakeholders<sup>1</sup>, it outlines the main features of the Rural Pact. Rural Pact Community members were invited to express their views on this proposal in May through a survey. Their feedback was taken on board for the final proposal which was presented at the Rural Pact conference on 15 and 16 June 2022.

**Objectives**

The Rural Action Plan, which was adopted with the Long-term Vision for the EU's rural areas, represents the European Commission's commitment to acting for rural areas. One of its actions is to propose a Rural Pact, which aims to strengthen multi-level governance for the EU's rural areas. This means that the Pact will engage the European, national, regional and local level, all of which have a key role to play in the future of rural areas, to work together.

The activities of the Rural Pact could be classified as contributing to three broad objectives:

<sup>1</sup> Presidency of the Council of the EU, the European Committee of the Regions, the European Economic and Social Committee, ELARD, PREPARE and ERCA from the European Rural Parliament, as well as the European Parliament and the European network for Rural Development as observers.

**Proposal endorsed**  
**Rural Pact Conference (15-16 June 2022)**



# The Rural Pact - Objectives



Amplify the voice of rural areas  
and bring them up in policy  
agendas



Networking, collaboration  
& mutual learning



Commitments to act



Join the Rural Pact Community! <https://ec.europa.eu/eusurvey/runner/RuralPact>



Rural Pact Proposal: [https://agriculture.ec.europa.eu/system/files/2022-07/rural-pact-proposal\\_en.pdf](https://agriculture.ec.europa.eu/system/files/2022-07/rural-pact-proposal_en.pdf)

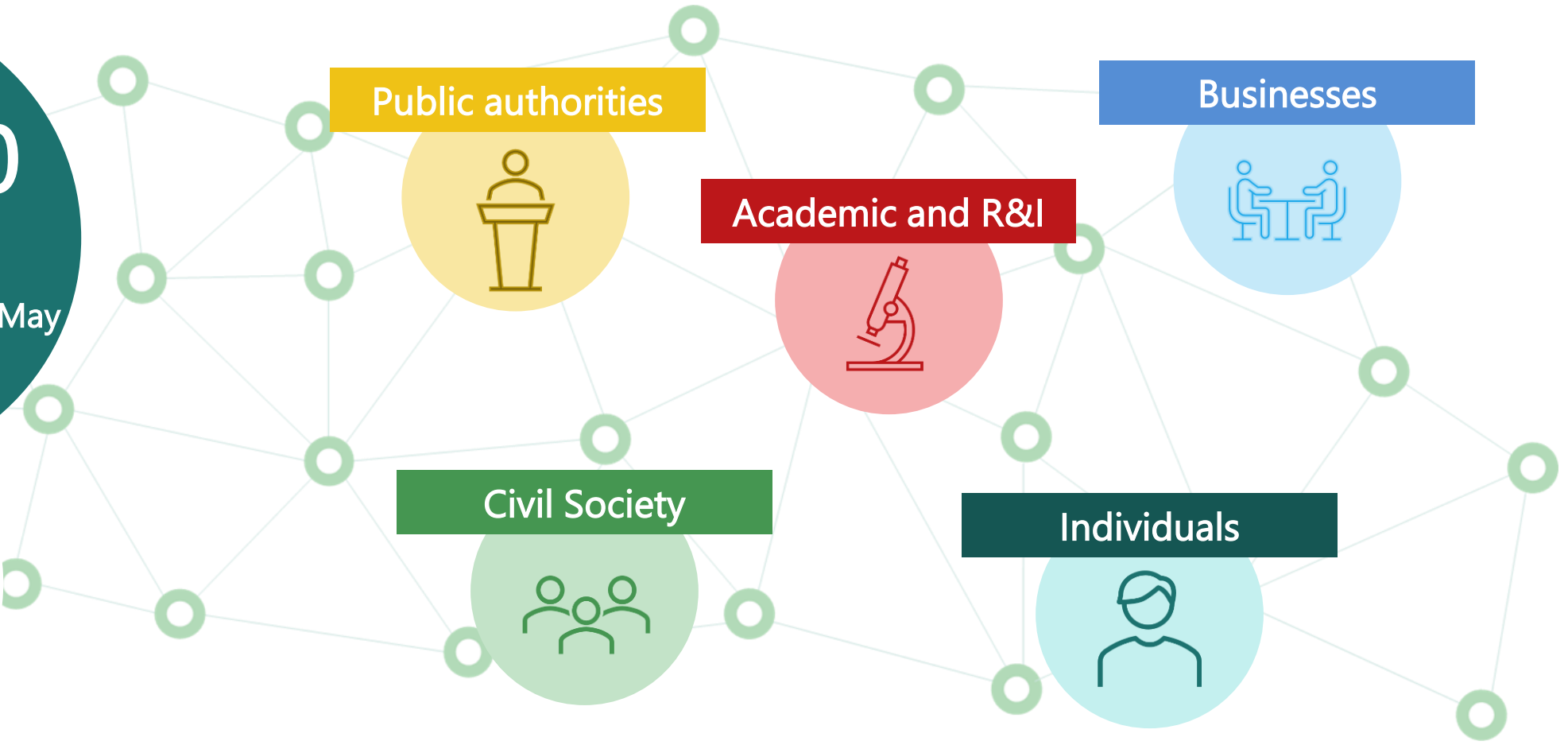
#RuralPact

# The Rural Pact Community Members



**+1850**  
Rural Pact  
Community  
Members by May  
2023

**+115**  
Commitments to  
act



Participating in the Pact = Committing to act for one or more of its objectives



Join the Rural Pact Community! <https://ec.europa.eu/eusurvey/runner/RuralPact>

#RuralPact



# THANK YOU

Rural Pact Community – Join us  
<https://ec.europa.eu/eusurvey/runner/RuralPact>



<https://rural-vision.europa.eu/>

 Funded by  
the European Union



# Central and Eastern European Sustainable Energy Network

Elis Vollmer  
University of Tartu





**CENTRAL &  
EASTERN  
EUROPEAN  
SUSTAINABLE  
ENERGY  
NETWORK**

**Our vision** is to guide the CEE on sustainable energy and climate actions in reaching EU 2050 climate neutrality goals and ensure that the specific operating conditions of the region are considered in EU decision making.

## To help achieve our vision, CEESEN will:

- » **Increase the capacity** of local/regional sustainable energy practitioners in the CEE to effectively plan, finance, implement and maintain sustainable, just energy initiatives
- » **Create opportunities** for stakeholders to communicate the CEE region's concerns at the EU level, so that policies and initiatives undertaken by the EU and other entities adequately address the interests of the region

**The aim of CEESEN** is to increase communication, cooperation and interaction between local public administrators, stakeholders and policy makers at multiple levels and in multiple directions.

CEESEN is a great **low-carbon economy knowledge base**, a **voice for the region** at the EU level and a **platform for connecting** together public administrators, policy makers and other key actors working for low-carbon economies in the CEE.

Created in 2017

Formalised in 2022

11 founding members from CEE

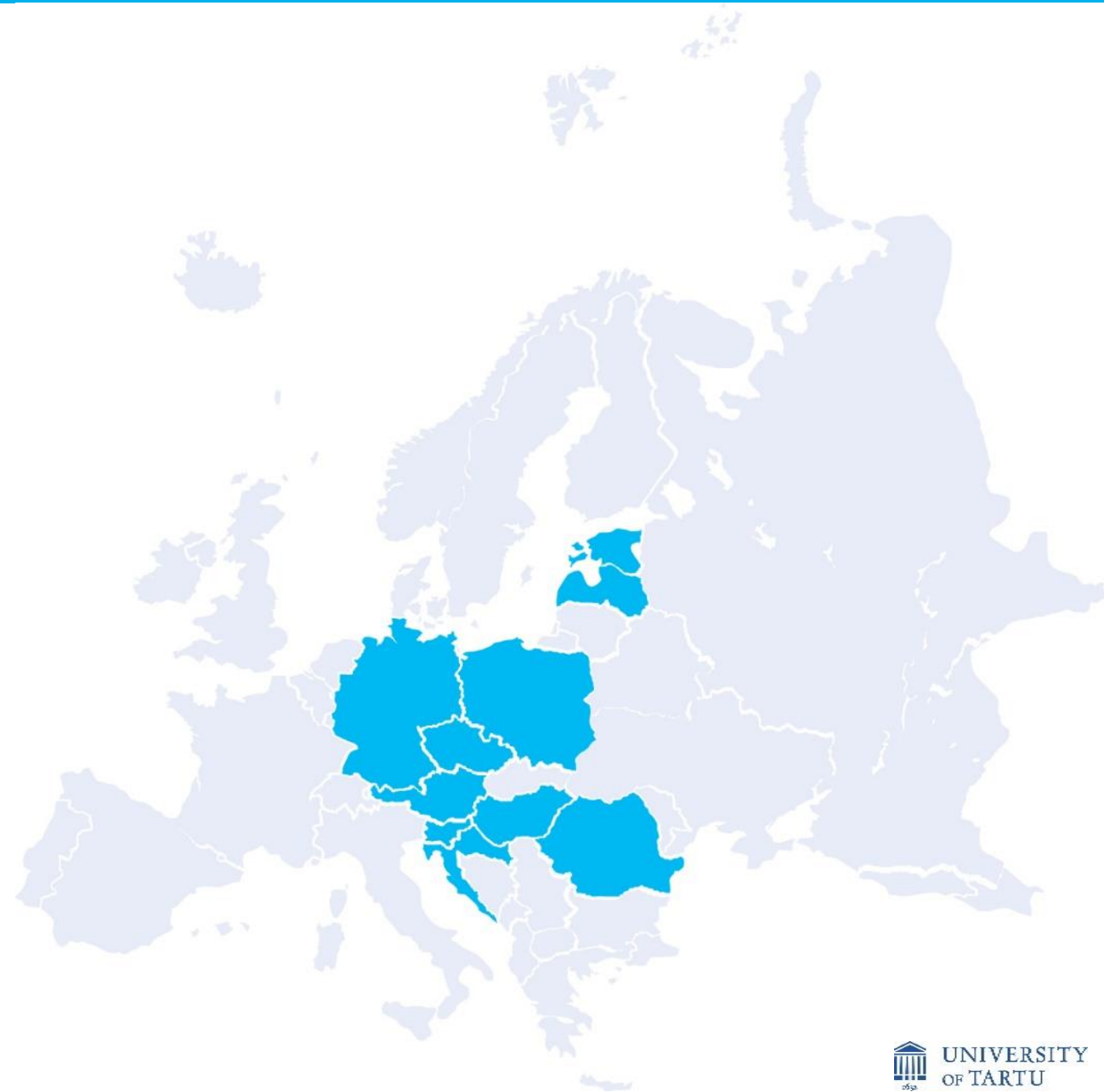
36 regions actively involved



<https://ceesen.org/en/>

**Become a member:**

<https://ceesen.org/en/about-ceesen/ceesen-registration/>





## Sustainable Municipalities Conference

September 6-7, 2023  
@Budapest, Hungary

More info: <https://ceesen.org/en/conference/>

Thank you!

**Questions?** Contact me at [elis.vollmer@ut.ee](mailto:elis.vollmer@ut.ee)

**Become a member:** <https://ceesen.org/en/about-ceesen/ceesen-registration/>

# SECAP

SUSTAINABLE ENERGY AND *CLIMATE* ACTION PLAN



## UCSa

Ufficio Comune  
per la Sostenibilità  
Ambientale



COMUNE DI  
PALMA CAMPANIA



COMUNE DI  
SAN GENNARO  
VESUVIANO



COMUNE DI  
SAN GIUSEPPE  
VESUVIANO



COMUNE DI  
STRIANO

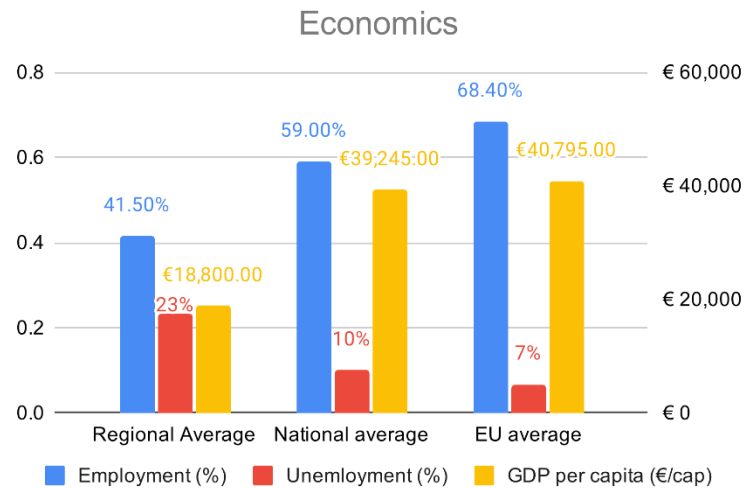
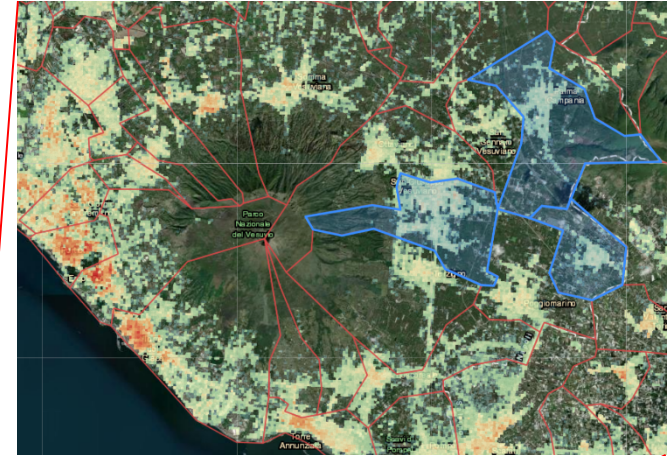


**Patto dei Sindaci**  
per il Clima e l'Energia  
EUROPA



### Palma Campania, San Giuseppe Vesuviano and Striano

- About 53.000 abitanti
- 
- High quality agricultural products
- Textile, food and transport enterprises
- Vesuvio National Park
- Sarno River Regional Park
- 



Source: H2020 PATH2LC



**UCSA - JOINT OFFICE FOR ENVIRONMENTAL SUSTAINABILITY****THE KEY ELEMENT IN THE VISION**

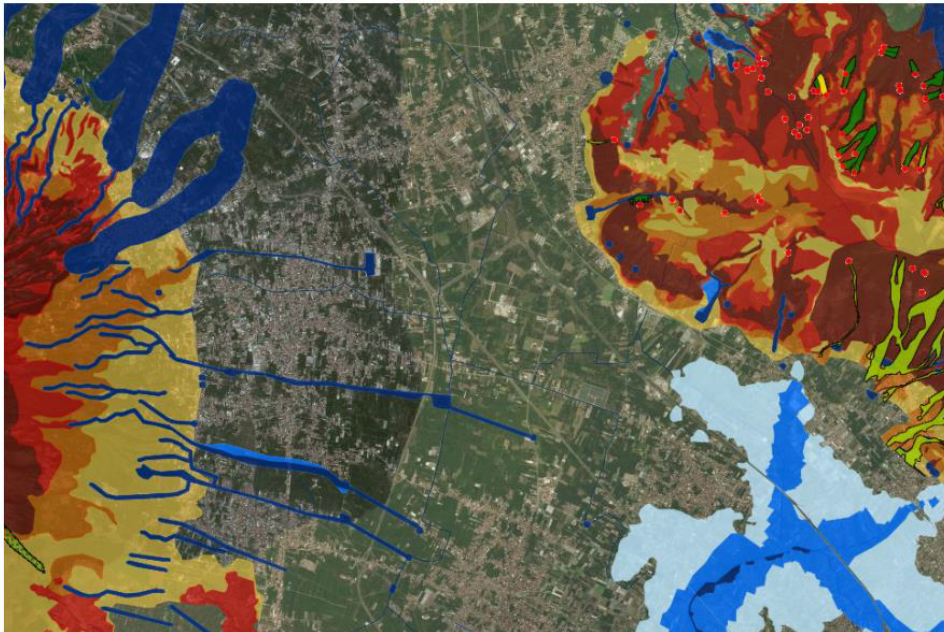
Territory	Emissions targets	Human resources
Palma Campania	By 2030: -60% CO2 emissions	<b>Shared OSS – One Stop Shop with external support provided through UCSA</b>
San Giuseppe Vesuviano	By 2020: -26% CO2 emissions By 2030: -61% CO2 emissions	
Striano	By 2020: -41% CO2 emissions By 2030: -61% CO2 emissions	

Source: H2020 PATH2LC

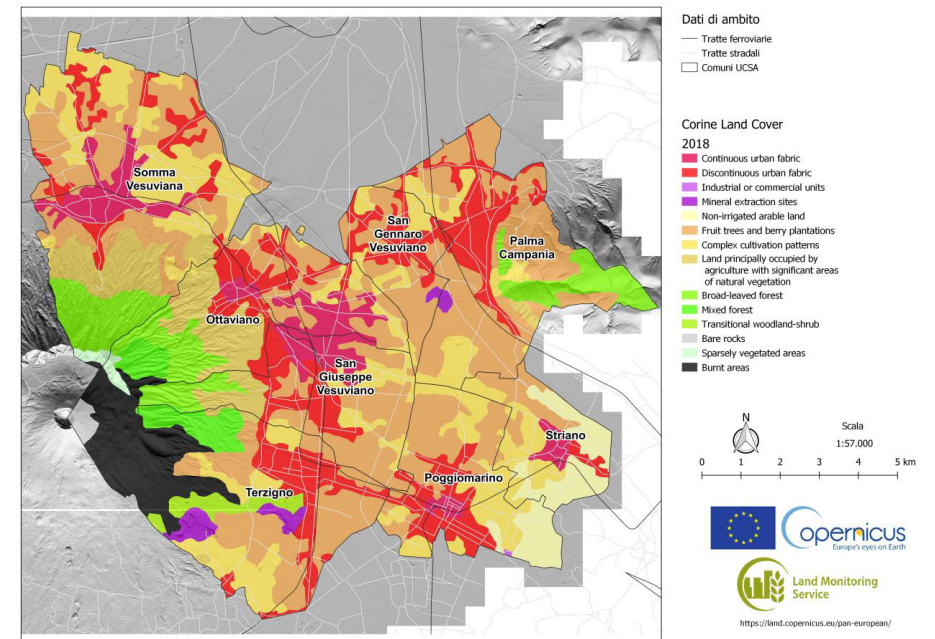


Area of intervention	Main actions
1. MITIGATION	<p>Efficient buildings</p> <p>Renewable energy, energy communities and energy poverty</p> <p>Sustainable mobility</p> <p>Circular economy</p>
2. ADAPTATION	<p>Revision existing urban and civil protection plans</p> <p>Local network of environmental and climate data collection</p> <p>Sarno river contract</p> <p>Urban green regeneration</p> <p>Integrated food production and consumption strategy (IPES model)</p> <p>Facilitate water flows during extreme rain events and introduce rain water collection systems</p> <p>Heat waves alarm system for vulnerable people</p>
3. CROSS SECTORIAL	<p>Training of local administrator and municipal staff</p> <p>Green infrastructure public platform</p> <p>Information and communication through OSS</p>

## Data access: a substantial issue!



Source: Idrogeo . Italian platform for hydrogeological instability

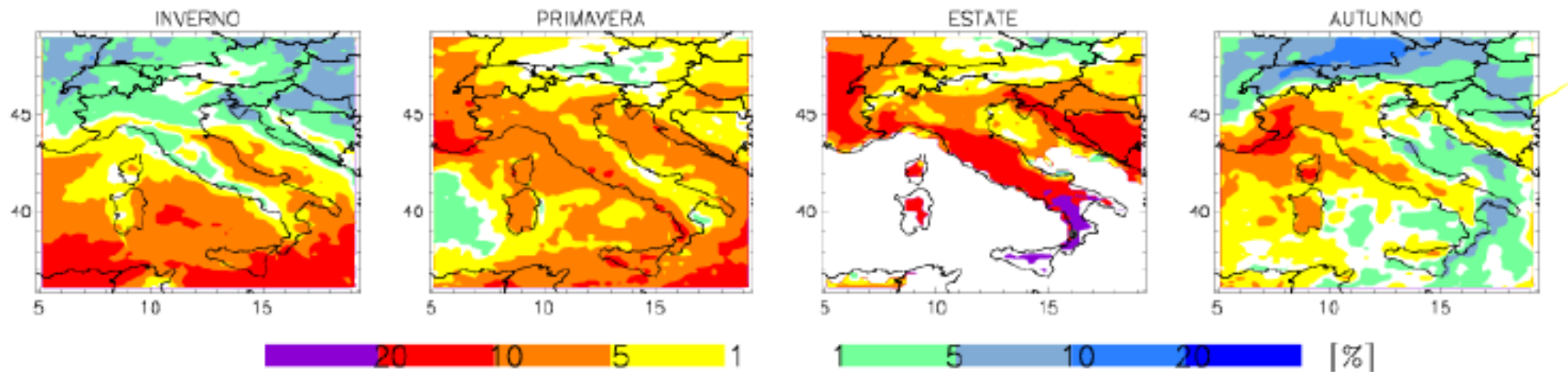


Source: EU Copernicus platform



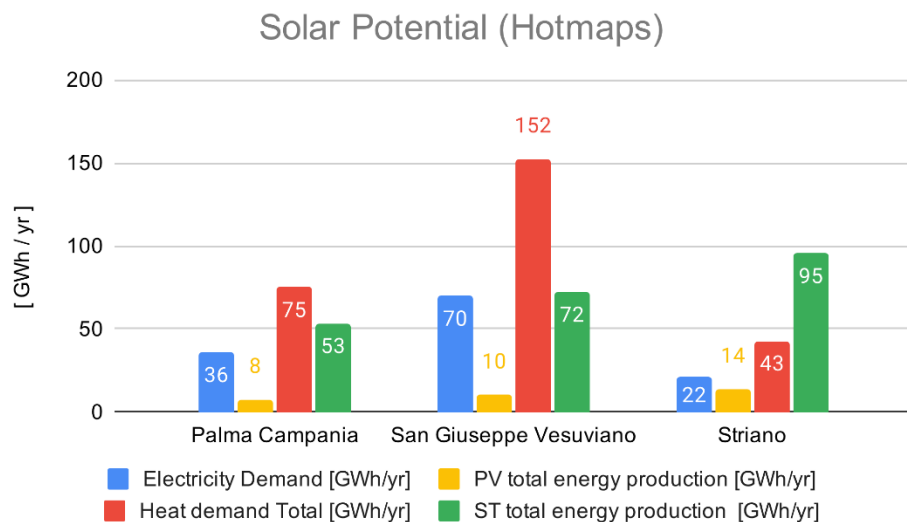
Piano d'Azione per l'Energia Sostenibile e il Clima

*Data access: a substantial issue!*

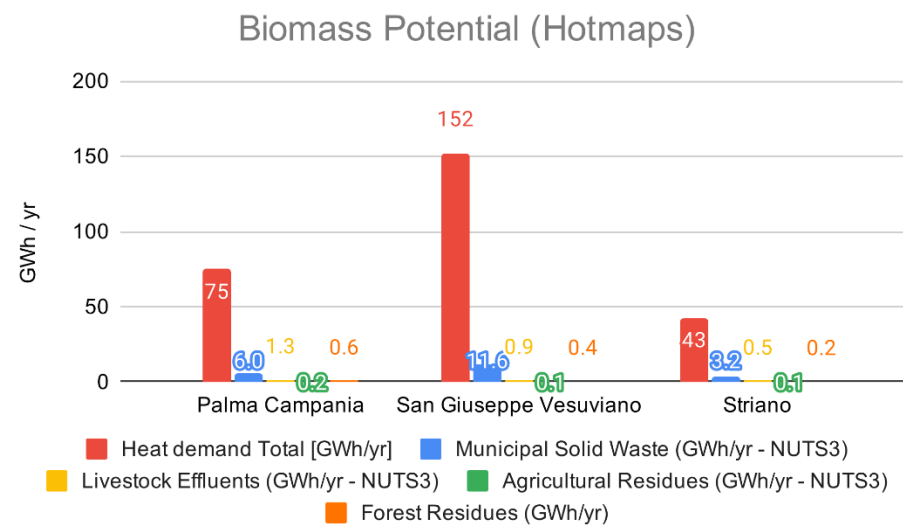


Source: ISPRA



**Data access: a substantial issue!**

Source: H2020 PATH2LC



Source: H2020 PATH2LC

## Implementing the SECAP Vesuviano

- Ministry of interior 5 year plan 2020-2024
- Ministry of Infrastructure and Sustainable Mobility
- Ministry of finance incentives on public and private efficient buildings
- Recovery Fund
- PPI
- Regional Funds for Enterprises
- Eu direct funds (H2020, Erasmus Plus) for pilot actions
-

## Challenge to the SECAP Vesuviano

- Recovery Fund
- Missing competence at local and regional level
- Inadequate commitment at national and regional level
- Inadequate financing and banking system
-



## Action undertaken from SECAP Vesuviano

- Monitoring air quality:

[https://www-ucsa-eu.translate.google.com/static/news/Presentazione-del-Progetto-Se-curi-l-aria,-l-aria-ti-cura-119.aspx?\\_x\\_tr\\_sl=it&\\_x\\_tr\\_tl=en&\\_x\\_tr\\_hl=it](https://www-ucsa-eu.translate.google.com/static/news/Presentazione-del-Progetto-Se-curi-l-aria,-l-aria-ti-cura-119.aspx?_x_tr_sl=it&_x_tr_tl=en&_x_tr_hl=it)

## Action undertaken from SECAP Vesuviano

- Online resource for your circular initiative:

<https://www.ucea.eu/circular/en/#p1>



Co-funded by the  
Erasmus+ Programme  
of the European Union



## Action undertaken from SECAP Vesuviano

- Ev-charging and car sharing network:

[https://www-ucsa-eu.translate.google.com/static/news/e-Mobility-realizzazione-della-rete-di-ricarica-per-veicoli-elettrici-44.aspx?\\_x\\_tr\\_sl=it&\\_x\\_tr\\_tl=en&\\_x\\_tr\\_hl=it](https://www-ucsa-eu.translate.google.com/static/news/e-Mobility-realizzazione-della-rete-di-ricarica-per-veicoli-elettrici-44.aspx?_x_tr_sl=it&_x_tr_tl=en&_x_tr_hl=it)





## Action undertaken from SECAP Vesuviano

- OSS - One Stop Shop: sustainable community energy and mobility





# UCSa

Ufficio Comune  
per la Sostenibilità  
Ambientale

*Luigi Acquaviva*

*E-mail: [l.acquaviva@gmail.com](mailto:l.acquaviva@gmail.com)*



Piano d'Azione per l'Energia  
Sostenibile e il Clima





Developing and implementing SECAPs in small and rural municipalities

**GABROVO**

**S**USTAINABLE  
**E**NERGY AND  
**C**LIMATE  
**A**CTION  
**P**LAN



**GABROVO**  
MUNICIPALITY

# GABROVO

Territory: 555.579 km<sup>2</sup>

Population: 70 770 people

## Geographical center of Bulgaria

Important transport intersection

A part of the Trans-European Transport Corridor 9  
/Helsinki – Istanbul/



# GABROVO

Part of Horizon Europe Mission for 100 climate neutral and smart cities.

Gabrovo municipality is dedicated to working towards green transformation by collaborating with key business partners while also actively engaging our citizens in the process to climate neutrality



**100 Climate-Neutral  
and Smart Cities  
by 2030**



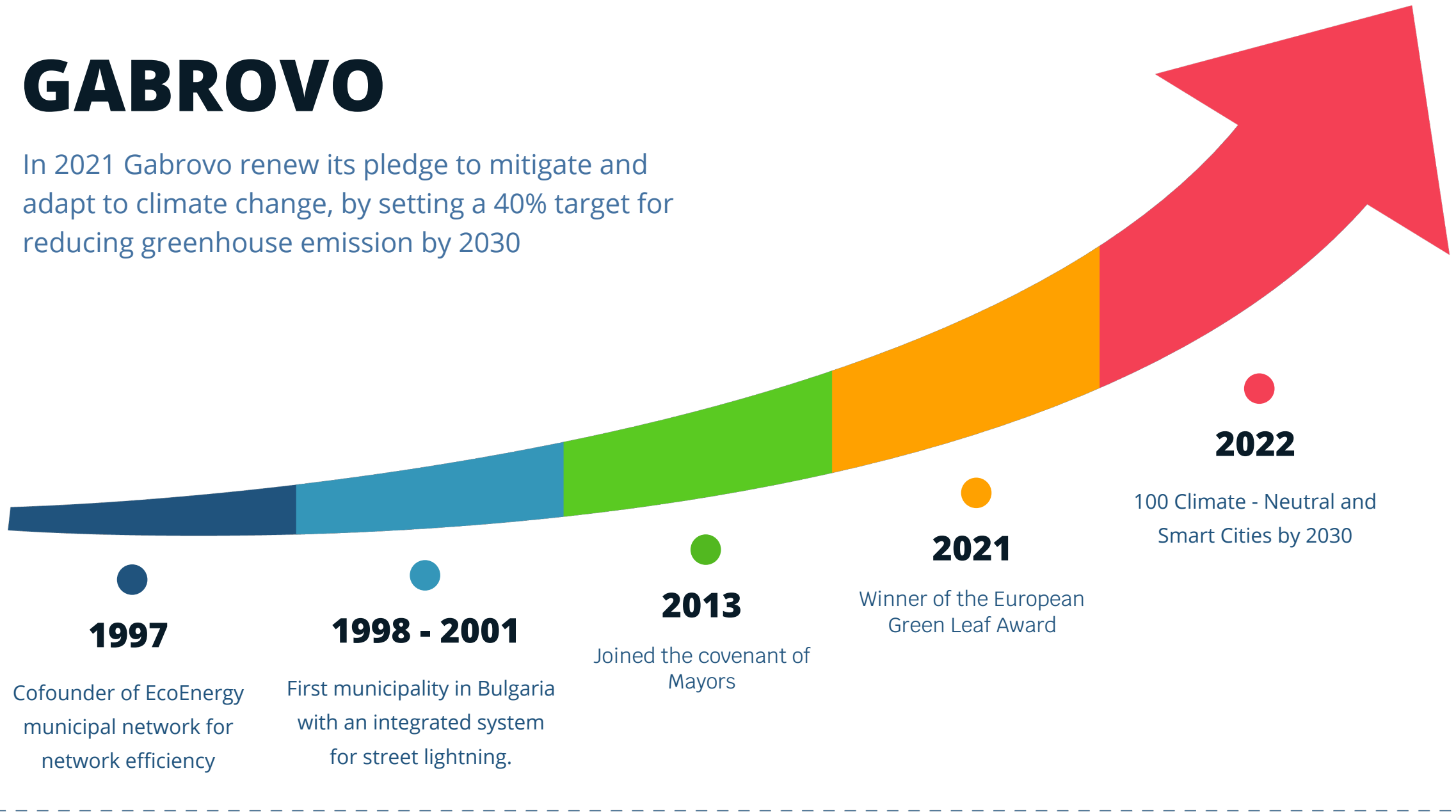
**Covenant of Mayors  
for Climate & Energy**



**European Committee  
of the Regions**

# GABROVO

In 2021 Gabrovo renew its pledge to mitigate and adapt to climate change, by setting a 40% target for reducing greenhouse emission by 2030



**1997**

Cofounder of EcoEnergy municipal network for network efficiency

**1998 - 2001**

First municipality in Bulgaria with an integrated system for street lightning.

**2013**

Joined the covenant of Mayors

**2021**

Winner of the European Green Leaf Award

**2022**

100 Climate - Neutral and Smart Cities by 2030

# HOW IT STARTED, HOW IT IS GOING

**2022**

**Gabrovo has developed a Sustainable energy and climate action (SECAP) plan by 2030.** Adoption of complex and integrated measures to reduce CO2 emissions and to mitigate, and adapt to climate change



**2022**

**Gabrovo is being associated to Horizon Europe - 100 climate-neutral and smart cities by 2030** with a goal to be in a position to become climate-neutral city by 2030



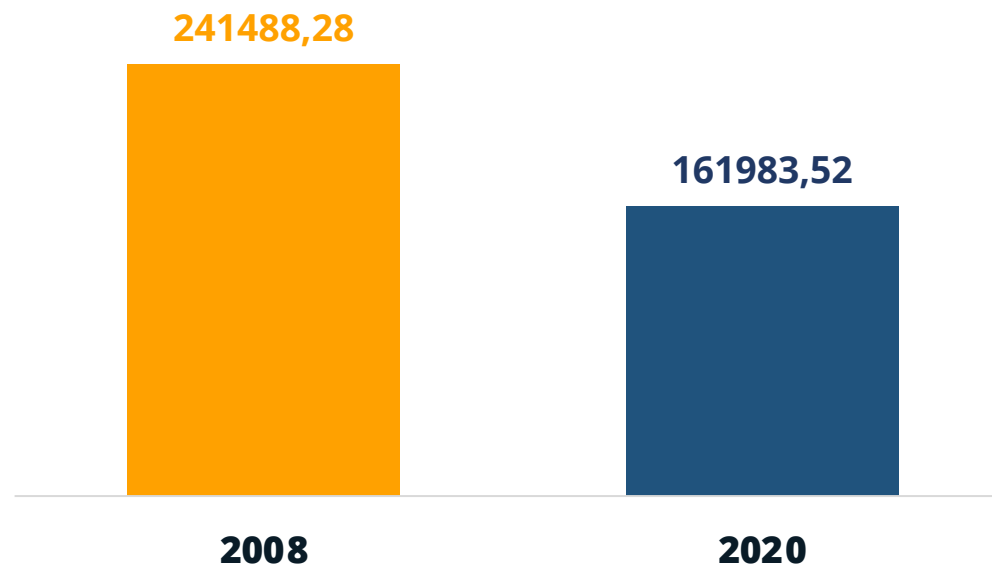
**2013**

**Gabrovo joined the Covenant of Mayors**  
To reduce CO2 emissions by 20 % by 2030. SEAP-based on the 2008 emissions intervention data, and in line with the Covenant of Mayors' agreement, national and regional political agenda for environmental protection and preservation, and better energy efficiency



# MONITORING SYSTEM OF GREEN GAS EMISSIONS

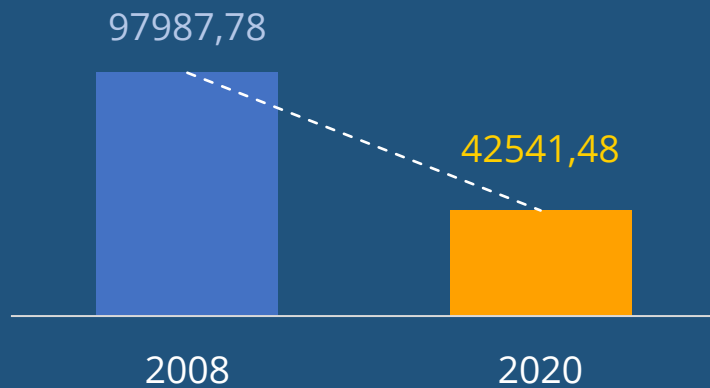
(t CO<sub>2</sub>)



Numbers indicate that by 2020 Gabrovo's emissions of CO<sub>2</sub> have decreased by 32.9 %

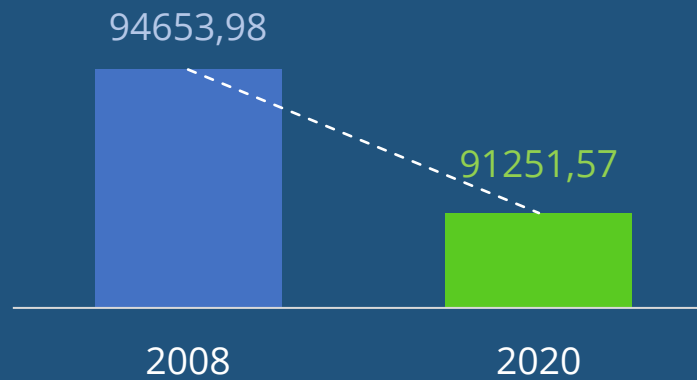
## Residential building

(t CO<sub>2</sub>)



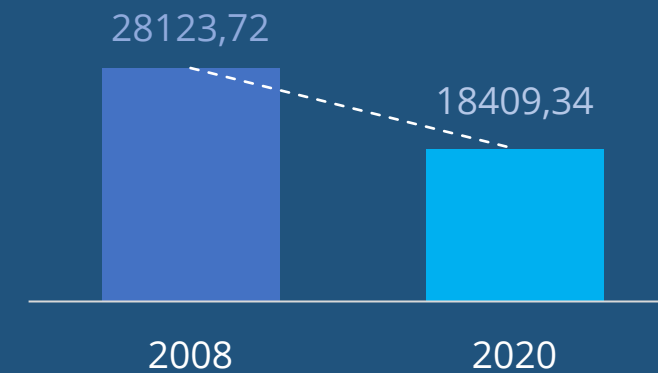
## Private & business transport

(t CO<sub>2</sub>)



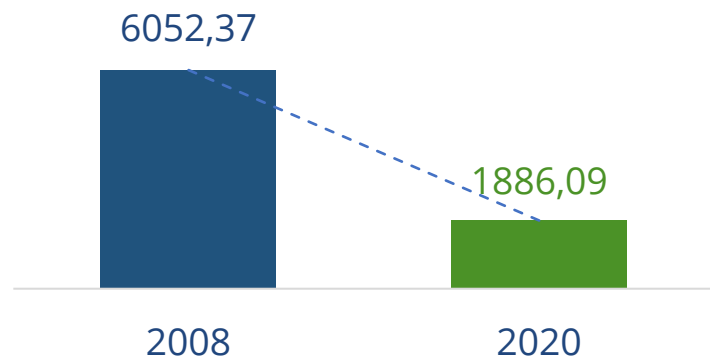
## Waste management

(t CO<sub>2</sub>)



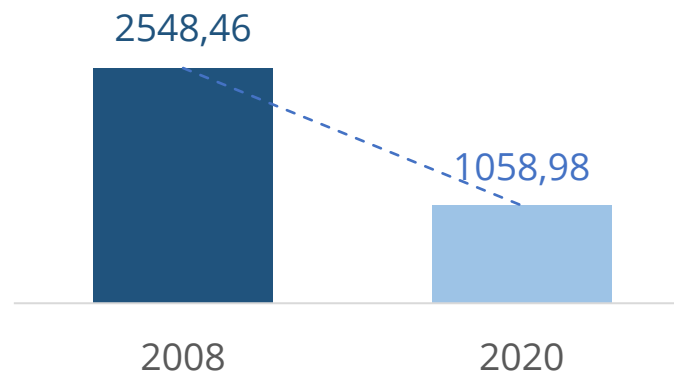
## Municipal buildings & facilities

(t CO<sub>2</sub>)



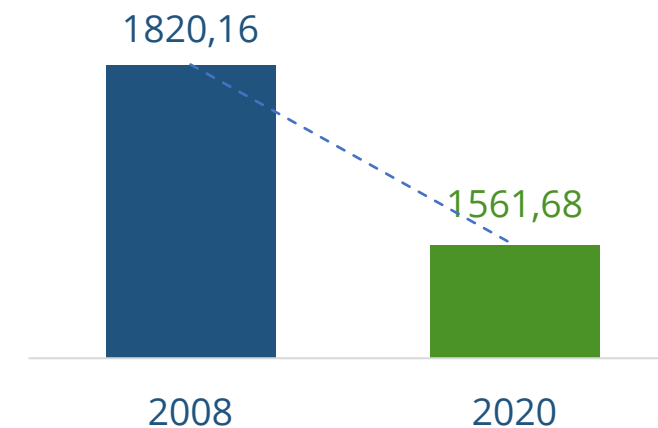
## Municipal street lights

(t CO<sub>2</sub>)



## Public transport

(t CO<sub>2</sub>)





# GABROVO SECAP

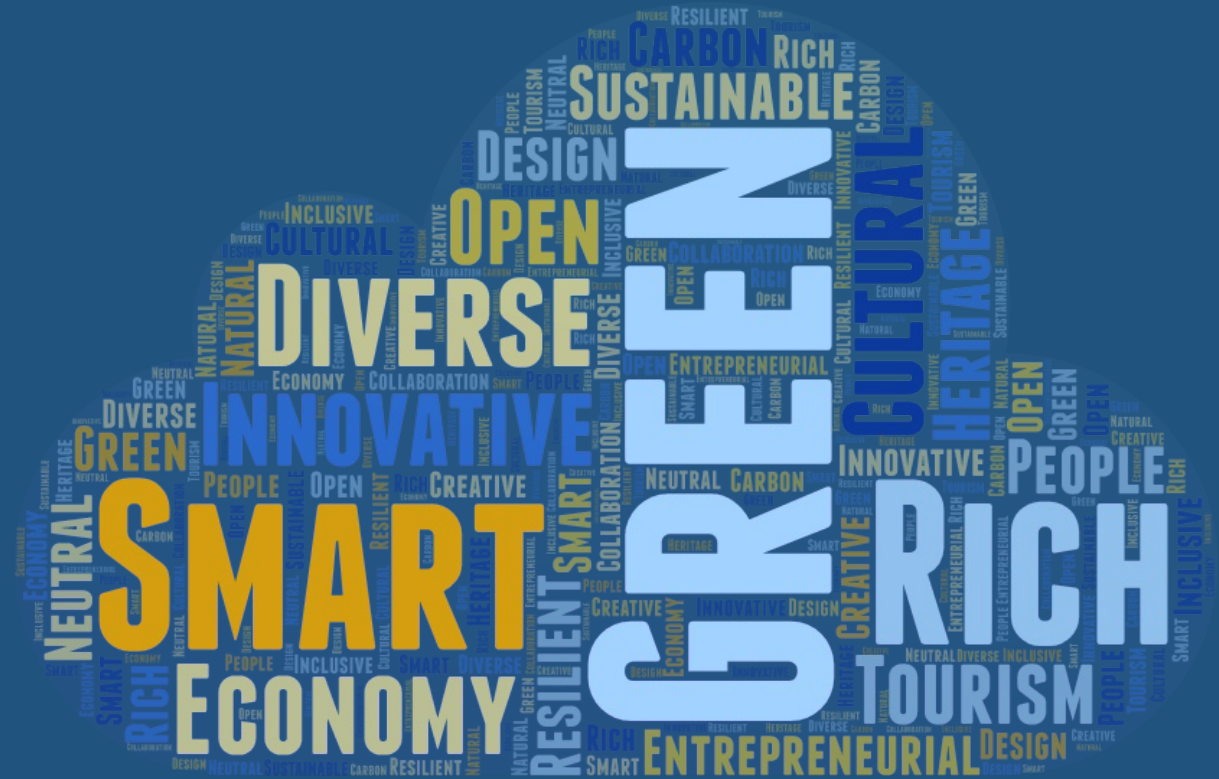
## INTEGRATED MEASURES TO MITIGATE AND ADAPT TO CLIMATE CHANGE

SEAP – Common goal is to achieve 24% reduction in CO<sub>2</sub> emissions by 2020

2020 – CO<sub>2</sub> emissions data shows reduction of 32,9% CO<sub>2</sub> emissions

2022 – SECAP – common goal is to reduce emissions by 40% by 2030 through implementation of concrete measures for mitigation and adaptation

2022 – part of HORIZON EUROPE Mission for 100 Climate – neutral and Smart Cities by 2030



SECAP

## KEY AREAS

Buildings

Air quality

Urban development

Street lighting

Transport

Water

Waste management

Soil and forest preservation

Public campaigns



# BUILDINGS



Gabrovo was an active partner of the National Programme for Energy Efficiency in Multi-family Residential Buildings that resulted in retrofitting 36 buildings and energy savings of over 40%



2022 – establishment of energy efficiency one- stop-shop

2022 – implementation of EUCEF project which supported citizens in the process of preparing applications for energy measures

2023 – 84 multifamily residential buildings were submitted for financing of energy measures through RRP /the application process was implemented through the public administration/



# AIR QUALITY

**Green.Gabrovo.bg** – a platform for monitoring the parameters of air quality in the city, operating as an integrated system of points for monitoring air quality in real time





# URBAN DEVELOPMENT

ACCESSIBLE AND ECOLOGICAL  
URBAN ENVIRONMENT AND  
GREEN SYSTEM



Using complex approach in renovation of residential zones – street network, parking lots, areas for recreation and sports, energy efficient lighting, video surveillance, etc.

Construction of new roundabouts and bypass roads



Relocating traffic outside the central part of the city

Reducing noise and air pollution

Availability of newly constructed alternative and faster roundabout of Gabrovo /connection between Northern and Southern Bulgaria/



# STREET LIGHTING



1998 – 2001 Gabrovo became the first municipality with integrated system for street lighting management (Demo zone project for energy efficiency funded by Global Ecofund)

2012 – 2013 Modernization of the street lighting in 128 villages – reduced CO<sub>2</sub> to 22 155 t/year and 64% energy savings



2019 – ...Implementation of ESCO contract for modernization of city street lighting – planned energy savings of min. 1 100 847 kWh/year and reduction of CO<sub>2</sub> to 902 t/year

2022 – Gabrovo SUMP until 2030 was adopted

The city administration and some public enterprises use electric vehicles



## SUSTAINABLE MOBILITY



2021 – accomplishment of the first phase of Gabrovo Integrated Mobility Project which provided for the purchase of 14 new and ecological buses, of which 3 are electric vehicles

Introduction of revised public transport system and introduction of ICT transport solutions

Introduction of paid parking zone in the area of the city center



Piloted an innovative project for underground waste management with sensors, with an access to the facility only for the residents of the area

Reverse vending system - implemented for the first time in Gabrovo

Citizens campaigns for raising waste management public awareness

## WASTE MANAGEMENT

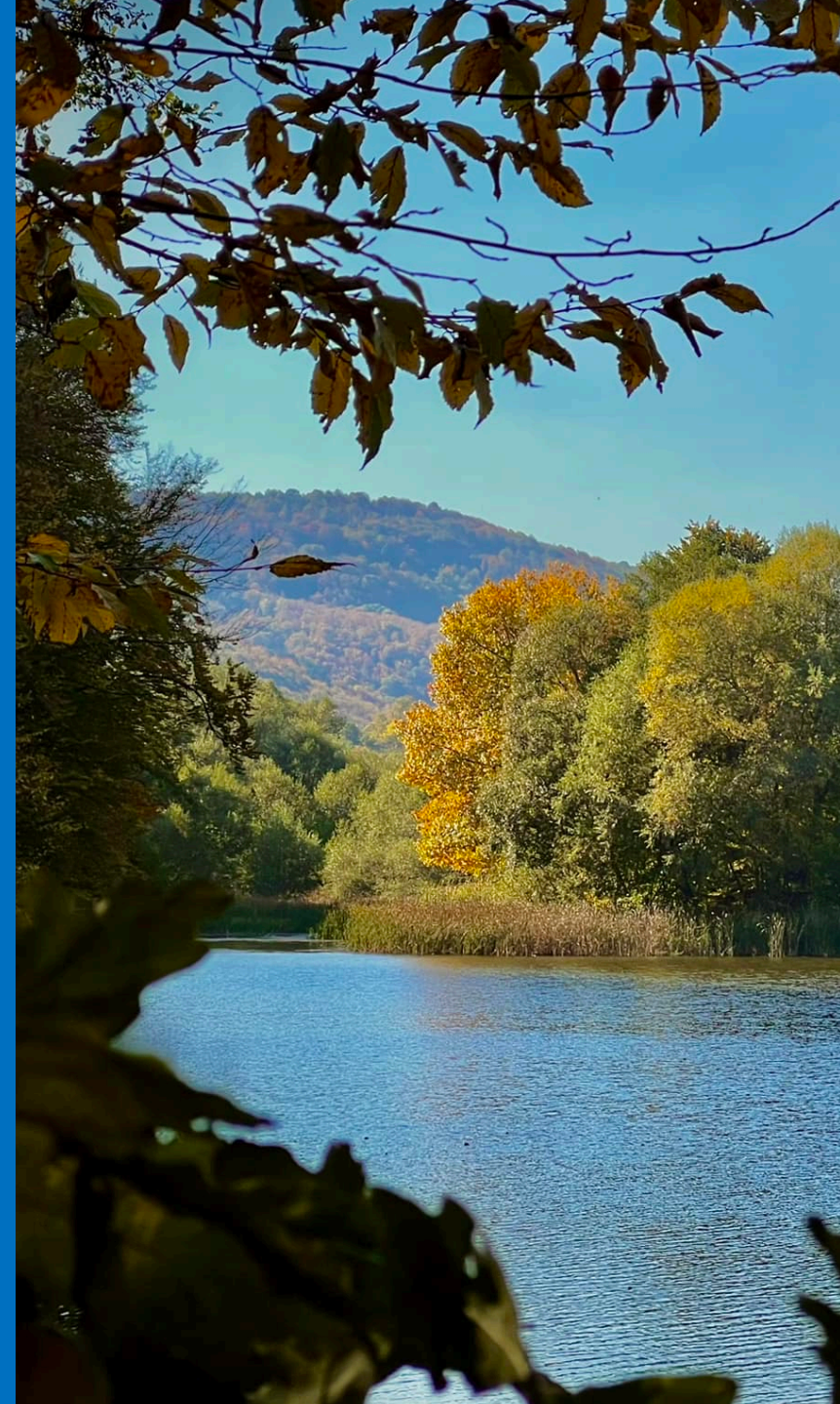




# WATER MANAGEMENT

Joint investments with the local water company for modernization and development of the water supply network in the Municipality

2019 – 2023 - Construction of 20.7 km of new water supply system, two new pumping stations and repair of 13 existing reservoirs for water supply in 15 Gabrovo villages and reconstruction of the water supply system in additional 5 villages.



# SOIL, FOREST AND BIOIDIVERSITY

WORKING ON MEASURES  
FOR PRESERVATION,  
PROTECTION AND  
SUSTAINABLE MANAGEMENT

**Part of the EU forest strategy “Deals for  
soils in Europe” that aims to achieve:**

the EU's biodiversity objectives

greenhouse gas emission reduction

target of at least 55 % by 2030



# INITIATIVES & CAMPAIGNS



Hosting conferences, international and local events

Gabrovo innovation camp

Uzana polyana fest

[chisto.gabrovo.bg](http://chisto.gabrovo.bg) – platform for information and citizens engagement



Educational campaigns - Consistently working with various target groups to inform, and establish eco-friendly life style while educating on the importance of a responsible waste management that starts at home.



# PROJECTS

Collaboration between cities/regions and energy communities as means to accelerate of the energy transition - "LIFE" PROGRAM. BUDGET - 64 601.25 euro

Energy communities - local ownership of power, "LIFE" PROGRAM. BUDGET - 29 840.00 euro

Integrated solutions for positive energy and resilient cities. HORIZON PROGRAM, 2020. BUDGET - 200 000 euro

Energy measures - support for households at risk of energy poverty. Free energy analysis of 4 residential buildings. HORIZON PROGRAM 2020. BUDGET - 38 343.75 euro



## CHALLENGES

Crisis – climatic, financial and political

Centralised approach

Institutional and administrative capacity

## TOOLS

Partnerships and Networks

Technical Assistance

Pilot Projects

Innovations



## OPPORTUNITIES

Green Deal

Resilience and Recovery Plan

Cohesion Policy

Decentralisation



**THANK YOU**

Tanya **HRISTOVA**  
Mayor of Gabrovo municipality



**GABROVO**  
MUNICIPALITY