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PROSPECT+

Capacity building for cities and regions - from learning to action!

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ENERGAP - PROSPECT+ partner and mentoring agency



The PROSPECT+ project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 101023271



Overview



Title: Capacity building for cities and regions - from learning to action!

Funding: European Union's Horizon 2020 Research and Innovation Programme

Started: September 2021

Duration: 42 Months

Project Coordinator: Institute for European Energy and Climate Policy Stichting - IEECP

Participants: 11

Project website: <https://h2020prospect.eu/>

Project Partners



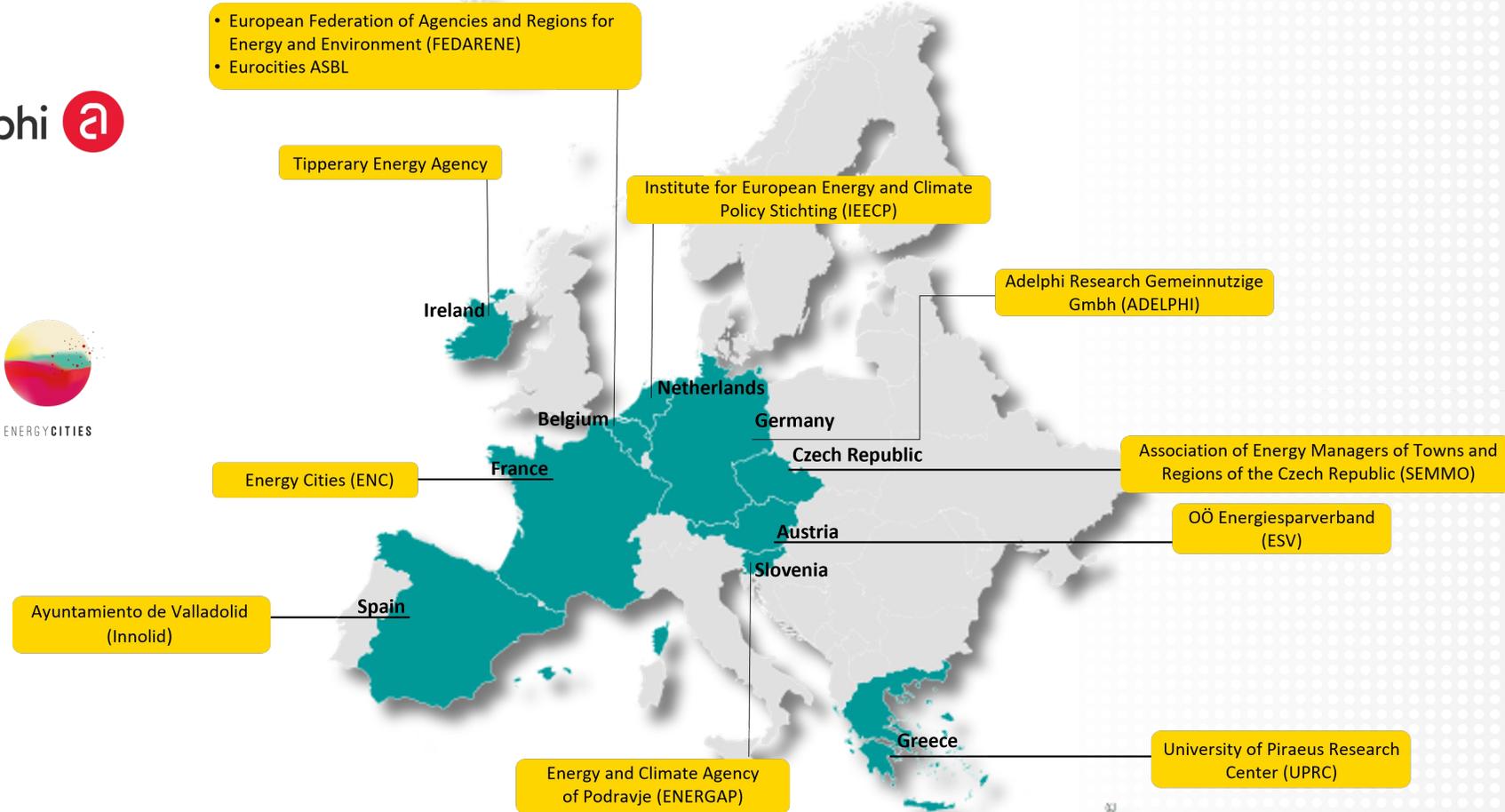
❖ Knowledge hubs



❖ Networks of cities and regions



❖ Regional Agencies



PROSPECT+ Strategic objectives:

-  To build the **capacity of public authorities in financing sustainable energy plans** through peer-to-peer learning activities
 -  To **enhance decision-making** of public authorities for them to be leaders in implementing energy efficiency measures
 -  To help public authorities and their agencies **profiting of the rich experience available**, taking inspiration from their peers
 -  To help use **synergies** by **linking public authorities** along with energy policy-makers, associations of planners, technical experts, financing bodies on sustainable energy, and local actors **in an intra-European network** through an **innovative peer-to-peer capacity-building experience on innovative financing of sustainable energy projects and measures**
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Regional centre of knowledge and ideas to implement sustainable energy and climate projects since 2006

- Strategical planning for sustainable energy and climate development in public and private sector, action plans preparation for RES, EE, buildings, mobility,..
- Support in the implementation of energy and climate action plans, monitoring of achievements and progress
- Expert for financing resources and mechanisms for investments in energy and climate projects
- Cooperation in EU and international projects to share ideas, knowledge, best practices, implement projects, find financial resources
- Raising awareness on climate changes, energy efficiency, renewable energy sources and sustainable mobility issues

Energy refurbishment of 24 public buildings with PPP



Results

Savings per year:

- 4 GWh of energy
- 1.200 t CO₂
- 450.000 EUR on energy costs
- RES
- Better indoor condition
- Nicer buildings



Using EPC in combination with Cohesion and own funds

- Started in 2013
 - No political commitments, many presentations at City Council
 - Elections
 - City administration not prepared and afraid
 - No clear signal from national level what is right and what is wrong
 - Political approval in 2017
 - Public procurement PPP procedure in 2018
 - December 2018 start of the work, ended in December 2019
 - Investments 12 mio EUR (ca 12 % of yearly municipal budget)
-

How to act faster?

Many activities have already been done Do we need more?

- Platforms
- Guides
- Best practices
- Workshops, ...
- Time?
- Targeted info

YES - FACILITATION SERVICES!



One day in the municipality.....

- Size
- Human and financial capacity
- Understanding climate issues
- Priorities
- Actual situation
- Day to day needs
- Energy and climate experts live in our „energy and climate“ world



What we have learnt so far? (1/4)

- Repeating information and education activities
- Every stakeholder has to understand
- Step by step – just right amount of data
- Implement pilot projects – one building, 3 buildings ...
- Education and information activities for different target groups
- Different methodologies, tools (films, fairy tales, „world cafe“, selling the house on the auction play, 1 tonne of Co2 in the city centre, ice cube, ...
- Continuous activity, year by year
- Repeat the information as many times as possible

VIR:<https://www.qs.com/qs-world-university-rankings-by-subject-2015-challenges-and-developments/>



What we have learnt so far? (2/4)

- Introduce „one stop shop“ for city administration and cooperation with user for project planning and implementation
- Public procurement and other roles are difficult to combine because energy is very technical issue
- Agency has developed the whole service – initial ideas planning, developing investment documentation, preparing PPP or public procurement documentation and processes, following the implementation, reporting, take care for optimizing – all in cooperation with users (ESCOs)
- In Maribor it is energy and climate agency but it could be a specialized office.



<https://sciani.com/gallery/the-one-stop-shop-concept-how-to-make-energy-retrofits-much-easier-for-homeowners>

What we have learnt so far? (3/4)

- Understand how different people „see“ the energy
- Less CO2
- Less money
- Less work
- Nice building
- Healthy indoor climate for better working and living conditions
- Saving the energy is not always possible
- Finding a way of convincing the stakeholders and try to find their point of views

Energy advisor = Psychologist

- Mayor – mandates, short term planning vis-a-vie long term energy planning's
- City Councillors
- Headmaster
- Housekeeper was afraid to lose a job
- Secretary

It works for the voters it has to work for the politicians!

New and nice facade
and
“by the way” it will be
very good insulated
and
he said:
yes – let’s do it!



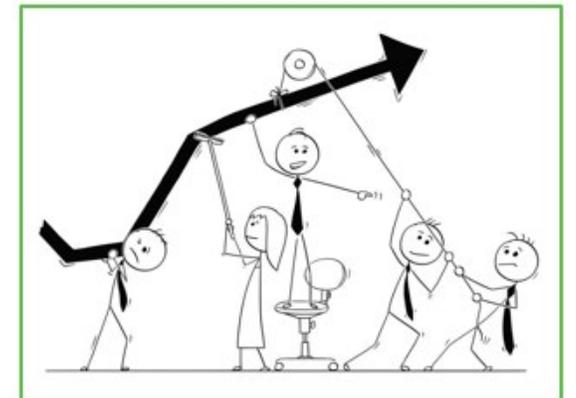
What we have learnt so far? (4/4)

- Monitor the progress and results and report regularly to different target groups
- Continuous optimisation of organisational and investment measures and processes

- New equipment is not always producing the best results
- Having the air-condition system and not working well
- Heat pumps not delivering enough heat in the mornings
- Bad practice examples are also good to learn out of it.



VIR: <https://www.cartoonstock.com/directory/a/accomplishments.asp>

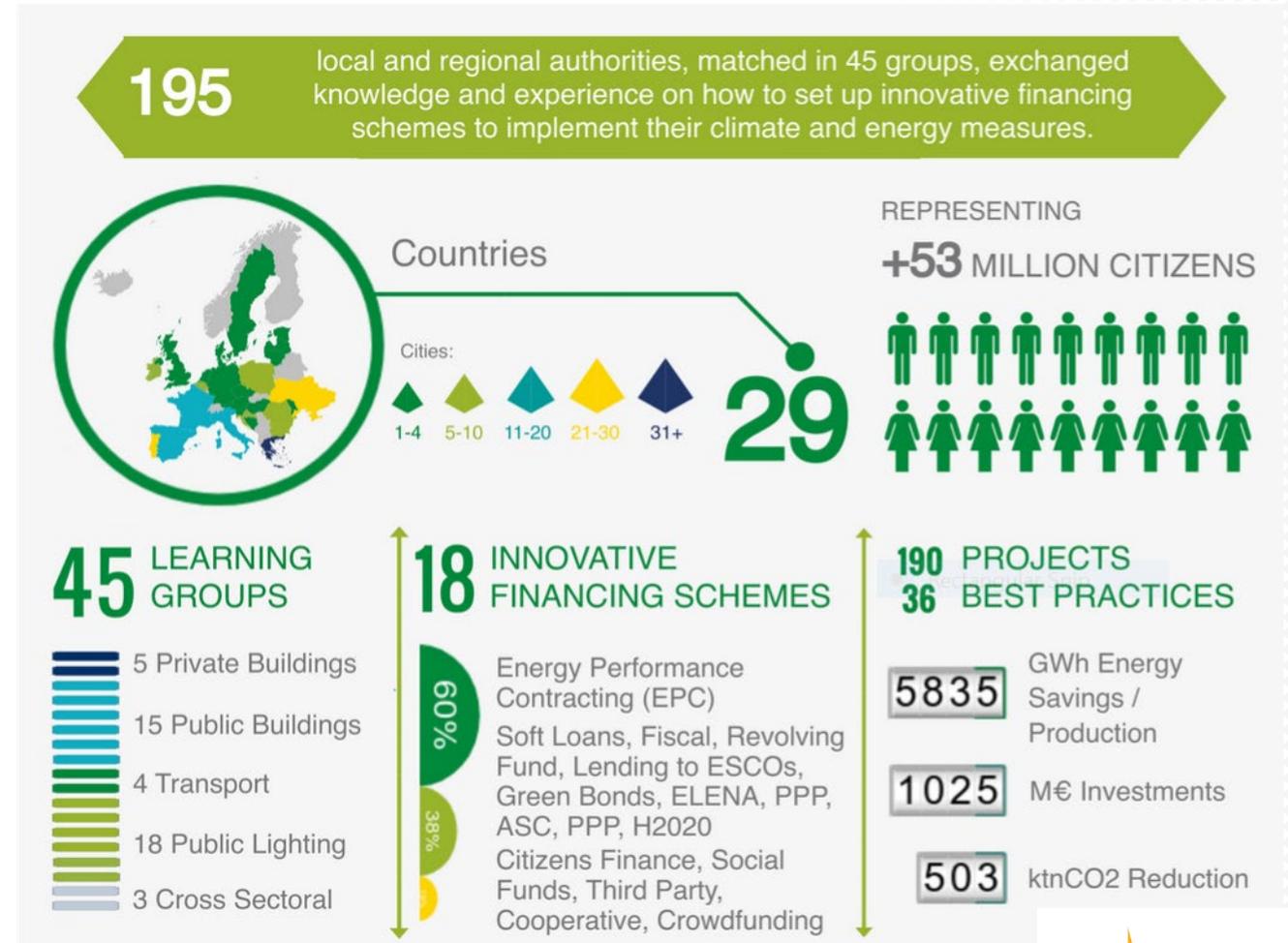


VIR: <https://www.vectorstock.com/royalty-free-vector/cartoon-of-business-people-teamwork-concept-vector-19343955>

PROSPECT Background



- ❖ **PROSPECT** implemented a peer learning programme for local and regional authorities to exchange knowledge and experience on how to implement their sustainable energy and climate action plans using innovative financing schemes.
- ❖ Through the project, **149 local and regional authorities** and **46 energy agencies and networks** were able to learn from their peers in order to implement their own sustainable practices and investment plans.



Key Questions

❖ In PROSPECT+ we further ask more questions

- **What can we learn from cities with high capacities**, and how can their knowledge be transferred to **enable initiatives** that span local and regional boundaries?
- What can **public authorities** learn from successful and less successful initiatives to **accessing funds**, or better access to finance, **tracking impacts and benefits through monitoring and reporting systems**?
- How can we **ensure internal transferability of knowledge** through all competent department?
- What kind of **support** do public authorities need to **enhance their specific capacities**, to help **deliver an energy transition**, and which **methods** would work the best in delivering such support?
- Which **capacities act as strengths and weaknesses (internal factors)** and which represent **opportunities and threats (external factors)** for public authorities regarding **sustainable energy financing**?
- How to recognize **which capacities are worth investing into the most**, to increase the chance of success in **financing and implementing sustainable energy measures**?



Phase 1: Preparing learning material and tools

Phase 2: Engaging participants and forming learning groups

Phase 3: Launching 4 Learning Cycles



The learning process of the capacity- building programme will focus on how different sustainable energy projects have been successfully financed, and how to improve decision-making for choosing sustainable projects in both the planning and investment stage.

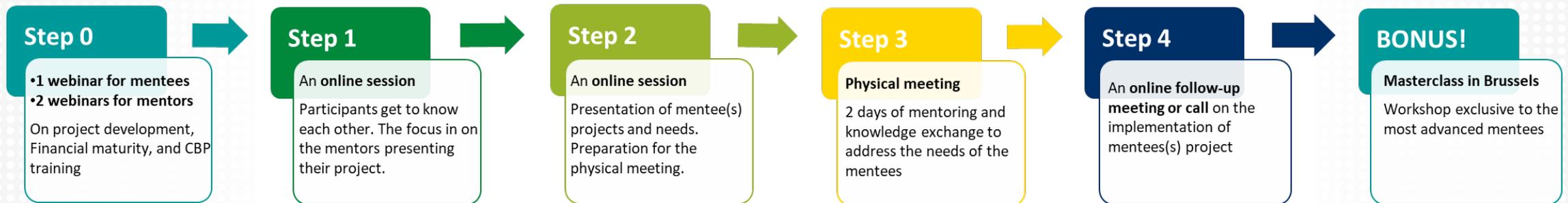
Phase 4: Monitoring Outcomes

Phase 5: Replicating Learning Outcomes

Methodology (2/2)

Phase 3: Launching 4 Learning Cycles

PROSPECT+ CPB Steps



PROSPECT+ CPB learning methods



Peer Monitoring
1 mentor & 1 mentee



Study Visit
1 mentor & up to 5 mentees



Local Monitoring
1 mentor, up to 7 mentees & interpreter

Why do we need PROSPECT+ and similar projects?



From theory to the reality, to be faster, more successful!

- There is no one solution for all
- Frontrunners influent internally and externally and cross sectoral, drive the changes
- Followers
- Lagging behind



Challenges for local and regional levels

- Many regulation to be implemented within one projects
- Due to the fast developments in the field of energy and climate – other linked regulation is not following (procurement, technical standards, ...)
- New financial mechanisms need strong support from financial (national) authorities to be implemented
- Human resources, knowledge, experiences



„Learning by doing“ with support

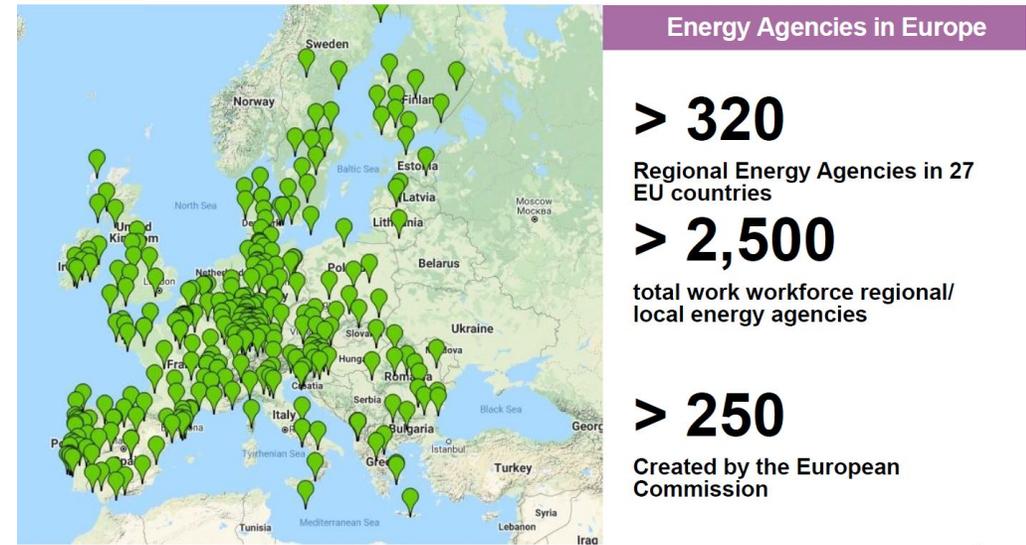
- Guided discussions
- Preparation of the documents with the help of mentor
- Meeting mentors, other mentees, politicians, peers,
- Sharing experiences, views on the subject
- Formal and less formal discussion
- Developing concrete action plan (technical and financial as well as legal aspects)
- Sort of „one stop shop“ approach (with good selling people😊)



Important role of energy agencies as mentors



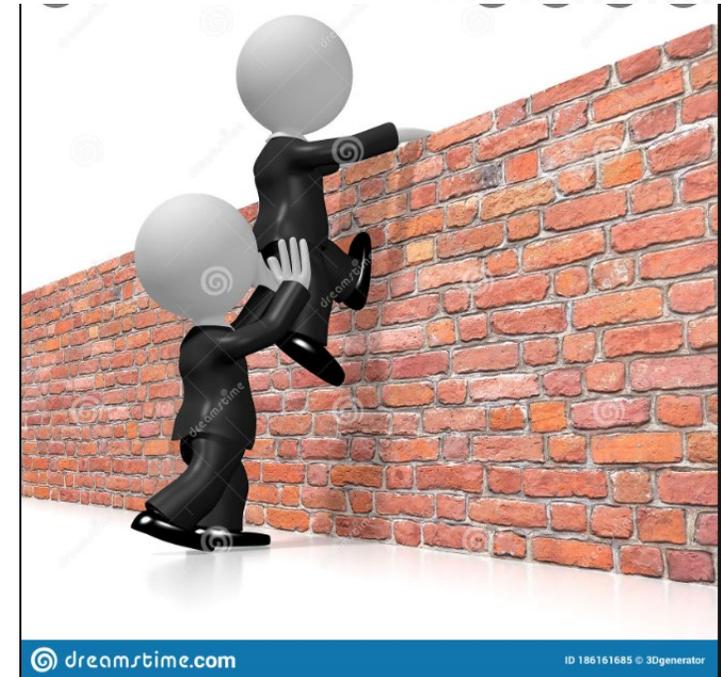
- Energy agencies as enablers for market uptake of different financial mechanisms and energy efficiency as such
- Market facilitators (many of them with public mandate)
- Technical assistant for public and private sector
- Ability to connect stakeholders
- Active cooperation with governance level
- Experiences in structuring financial models with multiple funding streams
- Delivering at scale



For the end

- **Facilitation process**
- Added value for mentors and mentees
- Long term cooperation – someone to ask!!
- Legal, technical and financial help

- Recognition and replication of frontrunners
- Helping the ones behind
- Build clear national roles



Contact us



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