ENERGee Watch

Engagement Strategy (D6.2)

WP6

Month 5 - January 2021

Update: Month 20 – April 2022

The ENERGee Watch project has received funding from the European Union's Horizon 2020 Research and Innovation Programme under grant agreement no. 892089.

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Preface

The overall aim of ENERGee Watch is to launch an easy and replicable peer to peer learning program to enable regional and local authorities to timely and accurately define, monitor and verify their sustainable actions. The learning will focus on regional/provincial authorities and their agencies that are responsible for collecting and overseeing the monitoring of mitigation and adaptation measure indicators in order to empower them to make use of best practices. The learning programme is structured in four (4) modules: i) data collection, ii) monitoring & verification, iii) indicators for adaptation to climate change, iv) data display, dissemination and validation by final users. ENERGee Watch will launch 4 modules per year (one per each topic, twelve in total) with a total of 72 participating mentees. The learning program will entail tools, such as mentoring, site visits, tailored guidebooks and guided practice exchange will enable the proper matching of peer groups, and proper knowledge replication.

No	Participant Name	Country	Country Code	Logo
1	Institute for European Energy and Climate Policy (IEECP)	NETHERLANDS	NL	
2	European Federation of Agencies and Regions for Energy and the Environment (FEDARENE)	BELGIUM	BE	
3	Technoeconomics of Energy and Environmental Systems Laboratory – University of Piraeus (UPRC – Teeslab)	GREECE	GR	
4	Auvergne-Rhône Alpes Energy Environment (AURA-EE)	FRANCE	FR	
5	Energy Agency of Savinjska, Šaleška and Koroška region (KSSENA)	SLOVENIA	SI	
6	Ile de France Regional Energy and Climate Agency (IAU IDF)	FRANCE	FR	
7	3 Counties Energy agency (3 CEA)	IRELAND	IE	
8	Energy Agency of Plovdiv (EAP)	BULGARIA	BG	
9	Alba Local Energy Agency (ALEA)	ROMANIA	RO	
10	Cyprus Energy Agency (CEA)	CYPRUS	CY	

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1 Objectives

The ENERGee Watch Engagement Strategy is designed to establish the process for recruiting participants in the ENERGee Watch learning programme and keep them engaged throughout the overall project's duration to ensure the uptake of the programme content and replication. It will be reviewed and adapted after each engagement campaign to ensure that the consortium meets the project's objectives.

The engagement strategy will:

1. identify the relevant stakeholders,
2. identify their needs,
3. communicate ENERGee Watch objectives, and what the ENERGee Watch project can do for them,
4. establish a process for the engagement and
5. keep them engage even after the end of the learning cycle.

This deliverable is linked to the D6.1 Communication & Dissemination strategy which describes all the means and channels ENERGee Watch has at its disposal to reach the project's objectives.

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2 Identifying stakeholders and their needs

2.1 Key target group

The identification of target groups at the beginning of the project is the key to effective recruitment and to the success of the ENERGee Watch programme. The project has a main target group which will directly benefit from and participate in the learning programme and indirect target groups who can relay the information and help us reach out to the main target group to take forward the project results and outcomes.

The project key target group is the **local and regional governments and their agencies** who have already demonstrated a strong commitment towards a low carbon and sustainable energy transition. Another key focus is organisations that support the development, monitoring and implementation of local and/or regional sustainable energy and climate action plans and need further support.

In this group are included (but not limited to) organisations such as

- Municipalities,
- Cities,
- Counties,
- Provinces
- Regions
- Grouping of local authorities (metropolitan areas, mountainous communities, rural communities…)
- Energy agencies
- Climate agencies
- Air quality agencies/associations

In these organisations, the persons we are targeting are more likely to be members of the technical departments which would oversee collecting, monitoring, analysing energy and climate data and actions.

2.2 Needs assessment and interest for the learning programme

The idea of the project came from the needs expressed by the public authorities and the energy agencies the consortium works with. The recruitment of potential participants should be made easy by the fact that we were already aware of the needs of our target groups thanks to previous needs assessment survey and as part of T2.1 we also ran another survey to assess the needs of our target groups.

2.2.1 Results from the 2017 Covenant of Mayors Survey

The European Covenant of Mayors Office conducted an extensive study[1] in 2017 to assess local and regional authorities' main capacity-building needs in terms of urban climate and energy planning. The table 1 summarises the results of the 514 municipalities and the 80 provinces and regions that participated. This was used as preliminary needs-assessment for the co-development of the ENERGee-Watch proposal.

[1] https://www.covenantofmayors.eu/index.php?option=com_attachments&task=download&id=602

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Table 2: Capacity-building needs of cities and regions in climate and energy planning

	% of cities that have expressed strong needs	% of regions/ provinces that have expressed strong needs	ENERGee-Watch Module that will address these needs
Identifying relevant tools and methods for elaborating a comprehensive emission inventory	36,4 %	34,4 %	Module 1: Data collection (acquisition and treatment) Module 4: data display, dissemination and validation by local authorities
Collecting and/or interpreting local energy data	42%	42,2%	Module 1: Data collection (acquisition and treatment) Module 4: data display, dissemination and validation by local authorities
Defining monitoring indicators for mitigation	47,5%	40,6%	Module 2: MRV: follow up on implementation of actions (SECAPs)
Identifying relevant tools and methods for elaborating the RVA	50,4%	51,6%	Module 3: Indicators Adaptation to Climate Change
Collecting and/or interpreting climate data	46,3%	53,1%	Module 3: Indicators Adaptation to Climate Change
Defining monitoring indicators for adaptation	52,9%	50%	Module 2: MRV: follow up on implementation of actions (SECAPs)
Monitoring the results of the implemented actions of the SECAP	50%	39,1%	Module 2: MRV: follow up on implementation of actions (SECAPs)

As is evident from the needs assessment, the cities and regions are divided in their needs. Data collection, defining monitoring indicators, interpreting collected data are all present obstacles to successful MRV implementation on the local level. It is also interesting to note that collecting and interpreting data for adaptation measures is even more ambiguous than when it comes to the mitigation actions. Thus, we decided to offer four training modules, out of which one will be focused on adaptation and three on mitigation actions.

The four modules of ENERGee-Watch will offer are: data collection, monitoring and verification, indicators for adaptation to climate change, data display, dissemination and validation by local authorities.

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2.2.2 ENERGEE Watch needs assessment survey

In December 2020, a needs assessment survey was launched to identify the needs and barriers, local, regional authorities and their agencies face in developing and monitoring their energy and climate plans. The needs assessment survey is based on the 4 categories of needs identified by the 2017 Covenant of Mayors survey and aims at assessing the capacity building needs but also the interest of various stakeholders groups in the foreseen ENERGEE WATCH learning programme content.

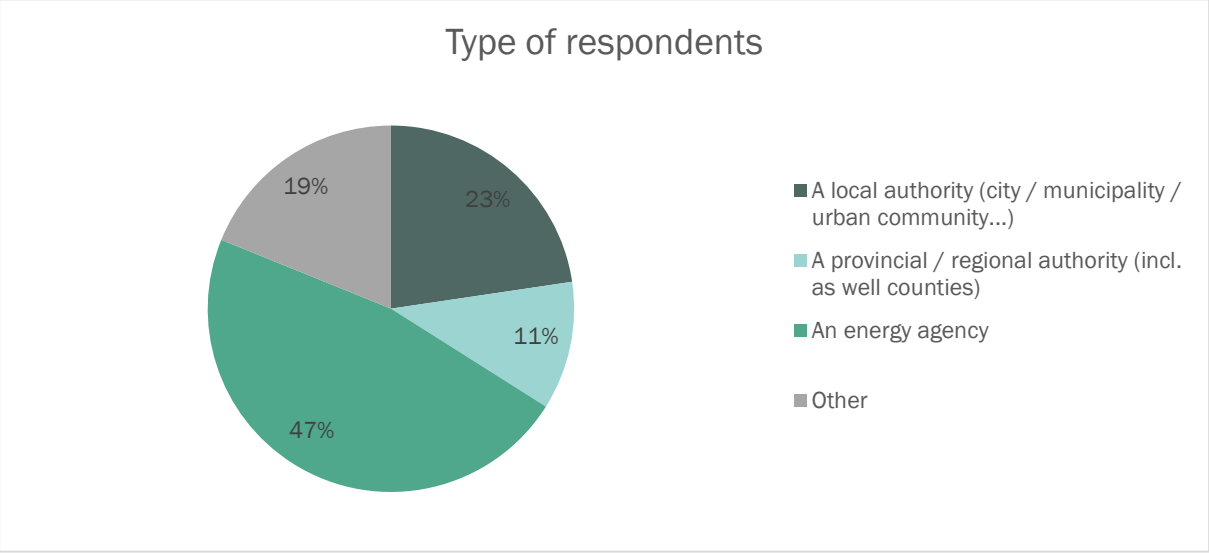
The detailed results can be found in the deliverable D2.1 results of the needs assessment survey but here below are some elements that can be drawn from this survey to understand the type of audience we need to target in the engagement campaign.

Number of respondents

53 answers from 42 organisations

Type of respondents

As we can see on the graph below, the respondents are at 81% from our main target group. The 19% others are mostly from NGOs or consultancies helping local authorities developing energy and climate action plans thus could be consider relevant for the ENERGEE WATCH programme.



For each of the modules above mentioned, respondents needed to indicate based on their professional experience, how much additional capacity-building was needed for their organisation in several subtopics for each of the module.

For the module 1, for all questions, more than 70% of the respondents expressed limited or strong needs in all types of energy of data collection (apart from data from municipal owned facilities)

60% expressed in addition a strong need in

- Choosing an accounting method (final energy, primary energy, Life Cycle analysis)
- Human resources and funds needed for acquiring relevant data, technical tools and systems
- Collaborating with energy data providers to access reliable data
- Making estimates in case of missing data or low-quality data
- Establishing 2030 and 2050 projections and forecasts for energy and climate targets

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- Preparing a roadmap of actions towards achieving the 2030 and 2050 targets

For the module 2: Monitoring, Reporting, Verification: follow up on implementation of actions
60% expressed a strong need of capacity building in these areas:

- Defining progress-based indicators allowing evaluation of the Sustainable energy action plan (e.g: kms of cycle pathways, number of public passengers per year)
- Defining other indicators: Socio-economic indicators (jobs created, impact on fuel poverty)
- Sustainable energy action plan monitoring (performance-based indicators in addition to Monitoring Emission Inventories)
- Processes to verify the accuracy and reliability of datasets
- Improvement of data quality
- Development of business plans, feasibility and environmental analysis for sustainable energy projects

And more than 80% expressed limited or strong needs in the following sectors:

- Development of internal administrative structures for the successful implementation and monitoring of sustainable energy action plans (roles, support, prioritization, budgeting and tools)
- Providing periodic updates of energy and GHG emissions profiles for Baseline/Monitoring Emission Inventories at regional or local community levels
- Reporting in various reporting systems (national, Covenant of Mayors, CDP, …)
- Engaging and involving local actors into the successful implementation and monitoring of action plans

For the module 3: Indicators and strategies on adaptation to Climate Change. Again more than 60% expressed a strong need in the following sectors:

- Development of maps illustrating the risks / vulnerabilities of a territory
- SWOT analysis for adaptation in the given territory; tagging of specific actions in favour of adaptation in the local climate plan
- Define indicators on adaptation to climate change helping the diagnosis (physical impacts like extreme heat/cold, or socio-economic data…)
- Identification of climate adaptation solutions to integrate in an action plan
- Knowledge of possible adaptation solutions
- Tools to prepare strategic guidelines that will inform the development of an adaptation plan and other adaptation initiatives
- Including climate change adaptation into local climate plans/ articulating adaptation and mitigation
- Defining adaptation targets until 2030, 2050
- Defining indicators on adaptation to climate change helping the monitoring and the assessment / articulating mitigation and adaptation
- Governance and response plan to be put in place for your community
- Space planning of the challenges: pressure or cooperation on environments and between stakeholders

And 40% in the following areas

- Knowing how to locate climate change issues in my territory
- Setting expectations for your work on climate adaptation
- Identification of climate change and adaptation stakeholders within the community

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- Mobilisation of human resources
- Facilitation of a multi-stakeholder reflection on climate adaptation solutions

For module 4: Data display, dissemination and validation by end users, at least 50% of respondents indicated a strong need in capacity building in the following topics:

- Graphical and tabular data visualisation of energy/climate data
- Visual representation of energy potentials (geothermal energy or potential for district heating systems …)
- Identifying the most relevant data to be displayed and to best communicate a message
- Using and representing data: various methods and tools illustrated with concrete examples (charts, geographical representation, Sankey diagrams, online tools)
- Disseminating data among different stakeholders groups: various methods and tools
- Demonstrating the benefits to end-users, data providers and political representatives
- Dealing with data "ownership", commercial data sensitivity, data privacy
- Identifying stakeholders' needs and expectations in energy and climate data sharing at regional and local levels
- Identifying typical energy or emissions-related targets and uses

One of the last questions was: After having seen the possible content of the peer learning programme, could you please let us know for which topic you would like to apply?

Respondents could express their preferred module(s) for the learning programme

1 Energy Data collection (acquisition and treatment)	69%
2 Monitoring, Reporting, Verification: follow up on implementation of actions	67%
3 Indicators and strategies on adaptation to Climate Change	84%
4 Data display, dissemination and validation by end users	64%

More than two thirds of respondents indicated their interest in 3 to 4 modules.

Based on these results, we can confidently say that there is indeed a strong need from our main target groups in capacity building in all modules covered by the ENERGEE WATCH learning programme and almost all sub-topics. The high interest in the programme from cities, provinces, regions and energy agencies gives us good reason to assume that the recruitment of participants will be a rather easy process.

2.3 Stakeholder Database

FEDARENE already has databases of potential mentees, having a continuously updated database of 250+ energy agencies and of 600 energy and climate officers in regional authorities.

In addition, the consortium partners will make use of their available networks (Covenant of Mayors, ManagEnergy, national associations of energy agencies, national and regional associations of regions and cities, partners of other EU funded projects, twinned regions, local authorities in their region…) to disseminate the engagement campaigns.

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This represents a potential outreach of several thousands of local, regional authorities and agencies.

For example, in the Covenant of Mayors, out of the 1900 signatories of the 2030 objectives (signatories that have committed to reducing their CO2 emissions by 40% by 2030 and increasing their resilience to climate change), two third are either totally new signatories or signatories that had signed up to the 2020 objectives and never developed their plans. They will need even more support in the fields identified above as they will most likely start from the beginning and will need support in collecting, monitoring, and verifying data for their action plans. The project will thus contribute significantly to the Covenant of Mayors, helping the signatories: to get reliable data to develop their action plans (from the regional observatories), to effectively monitor the implementation of their action plans (by providing data, tools and best practices), and to report on their actions.

The GDPR compliance will be ensured throughout the project and to this end the deliverable 7.1 was developed and can be consulted for more information as regards our data policy.

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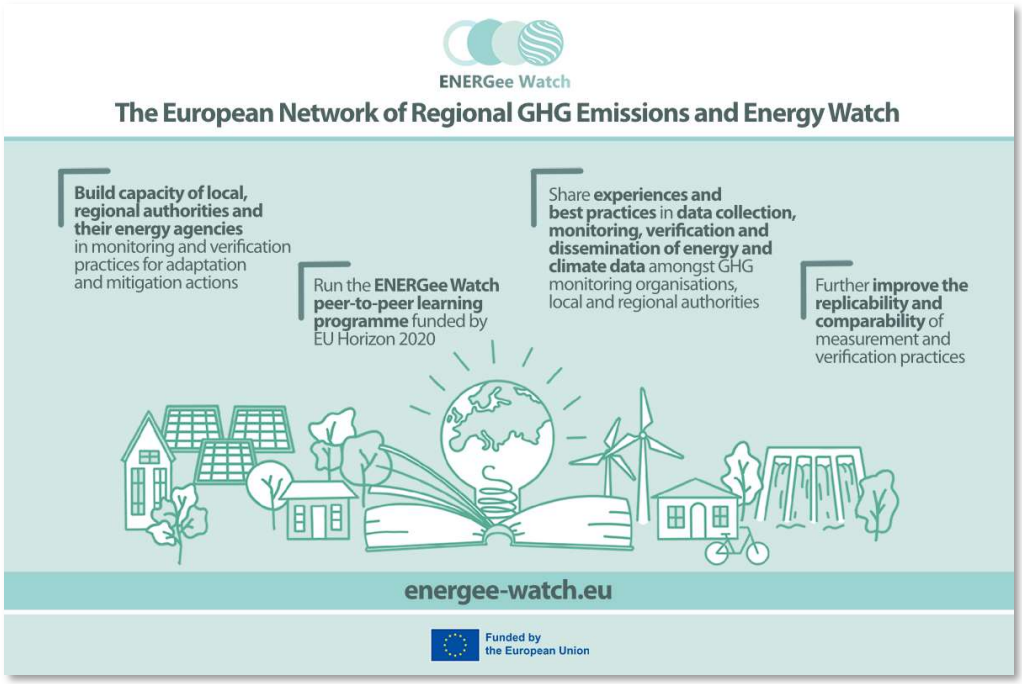
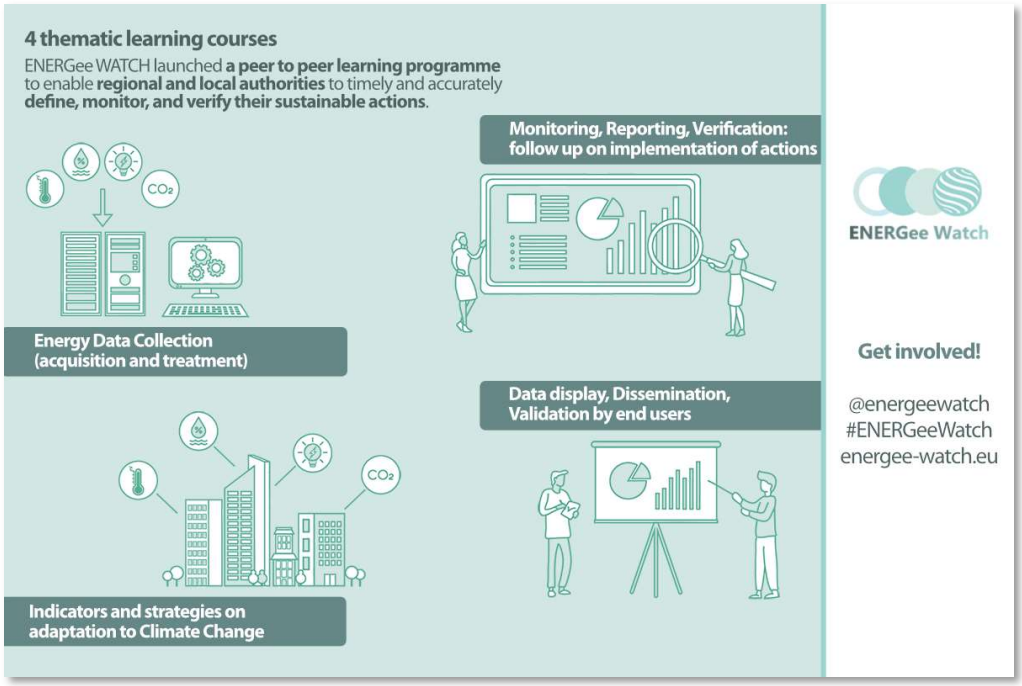
3 Materials to support the engagement campaigns

Materials developed for the engagement campaigns are:

3.1 Postcard / Leaflet

A short project description has been developed as postcard and printed for dissemination among stakeholders, at conferences and to other interested parties.





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3.2 Email templates for campaigns

To kick-start the recruitment phase of each cycle of the learning programme, email campaigns were prepared and sent out by partners to their databases. These emails were adapted for the various target groups.

3.3 Digital graphic content

Icons, social media visuals, gifs, infographics were produced to promote the peer-to-peer learning programme in its recruitment phases, also to showcase the results achieved by the participants. More visual content is to be developed for the promotion of the third and remaining learning cycle.

3.4 Testimonials

The wrap-up of the first learning cycle allowed us to gather testimonials from the participants, which made for the project endorsement and valuable digital content for the promotion of the second learning cycle. The action will be repeated after the remaining cycles.

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3.5 Newsletters

Partners who publish their own newsletters allocated a substantial part to inform their wider audience on the progress of the project and to promote the learning cycles opportunities. Furthermore, partners are constantly looking to publish articles in the press, journals etc.

3.6 Video

Videos are to be produced also with the aim of creating attractive and engaging content to be shared on social media/website, to explain the scope of the project and to support the engagement campaigns. The first video animation produced can be found here.
Partners will investigate the possibility to use some of the recordings of the online sessions to produce a video summary of the ENERGee Watch programme.

See deliverables 6.3 and 6.4 for the full list of planned communication materials.

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4 Engagement channels

These are the tools and channels at the project's disposal that were used for engagement:

Table 2: Overview of the tools available and the audience targeted

ENERGee Watch website	
https://energee-watch.eu	This is the main engagement tool, and displays articles about the learning programmes, results and attractive content to support the recruitment of participants
Social media	
Twitter @ENERGeeWatch	Valuable in building and maintaining awareness of ENERGee Watch; Encourage using the website and the participation in the learning programme.
FACEBOOK / YouTube of partners	Useful for sharing news and visual content
Events	
Workshops & conferences	Presenting ENERGee Watch programme, showcasing case studies in order to attract participants. Opportunities for direct communication and feedback from participants
Presentations at events	Distribution of leaflets and postcards.
NEEDS assessment survey	
	Gathered the opinion and needs from the stakeholder community. Helped develop a baseline for monitoring impact. Used also to raise awareness on the ENERGee Watch project.
Online communication	
Articles in local & national media	Highlight ENERGee Watch project successes and milestones
Newsletters	Highlight ENERGee Watch project successes and milestones
Articles in partners newsletters	Highlight ENERGee Watch project successes and milestones
Engaging through existing projects & initiatives	Expanding our network of contacts to recruit participants
Mass Email	Targeted emails to achieve a very specific aim (i.e. recruiting mentees with a specific profile) Invite stakeholders to participate to the programme
Phone	Individual communication to achieve a very specific aim (i.e. recruiting mentees with a specific profile) Solicit views and opinion Enable stakeholder to speak freely and confidentially.

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Each engagement campaign is making use of the best suited communication channel to reach its objective. There is an engagement campaign before each learning cycle and as they might not all have the exact same objectives and targets, they are each reviewed and adapted.

For instance, now after starting the second learning cycle we might realise that we need more mentees for the third learning cycle, or that there is an unbalance in the number of mentees in one specific module or from one specific country and therefore will carry out specific activities on specific channels in order to meet the engagement campaign objectives.

4.1 Expression of interest form

Next to the mentioned channels, a form always available on the project website was developed for potential applicants to register their interest. Always open, this is useful in-between engagement campaigns, supporting a database of interested stakeholders.

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5 Foreseen timeline and activities for the engagement campaigns

As explained above, each engagement campaign is based on the same model but might be adapted to the specific objectives we need to reach.

Here below is the standard timeline and activities on which we base each campaign strategy, which is subject to changes and modifications after assessing the results of the previous ones and the profiles of mentees in the previous learning cycle.

Table 3: standard engagement campaign tasks template

Task	Partner in charge	Partners involved	Deadline
General			
Define the campaign's calendar: opening time, duration – potential extension period			
Define specific objectives of the campaign (targeted countries/modules, target number of applicants …) and means to reach them			
Inform all partners on the calendar, objectives and tasks sharing			
Update Energee watch database of contacts for the engagement campaign			
Materials			
Develop/update visual engagement materials (postcards, infographics…)			
Develop/update application form			
Website updates			
Reactivate application form			
Update the Get involved page			
Update the News section Publish an article announcing the engagement campaign			
Social Media			
Tweet template for partners (at least 1 every week)			
Partners' newsletters and website			
Propose one article to partners for them to share on their websites, newsletters and own communication channels			
Cross promotion			
Contact partner EU projects			
Submit a blog post to the Covenant of Mayors office, ManagEnergy, BuildUp website			

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6 Implementation of the engagement strategy: the 3 engagement campaigns

The Stakeholder Engagement Plan has been developed at the beginning of the project in December 2020. The plan will be reviewed and revised after each engagement campaign.

These revisions are substantiated below and the timeline for each campaign is described in more details in this section.

6.1 First engagement campaign

Considering the timing of the first engagement campaign that was supposed to start on Month 6 (February 2021) while the needs assessment survey was to be carried out in Month 2 (October 2020), partners decided to couple the two activities.

Not only do these activites target the same group but also advertising the fact that by filling in the survey participants could actually be exempted from filling the application form helped the consortium get more answers from relevant organisations.

The full survey/application form is available in Annex 1. Questions that could be useful for the application form were added to the survey besides the administrative information (name, email, organisation, country) that serve both purposes (see below the list of questions):

Q: Are you interested in participating to this learning programme:

- *Yes I am interested in applying and confirm that you can use the data submitted as application form*
- *No I am not interested (NB this won't have any impact on the rest of survey)*

42 persons answered yes to this question

If yes:
Our initial, planning involved a mix between online sessions and physical meetings. Due to the COVID-19 pandemic, we might not be able to carry out the programme as planned. Could you please express your preferences if our programme were to be carried out entirely ONLINE

- *1 to 2 hours webinars with assignments (before and after each session you would have some homework)*
- *1 to 2 hours webinars sessions without assignments*
- *Online (recorded) courses that you can read through at your own pace*
- *A mix of recorded courses and live online sessions*
- *I would be interested in the learning programme only if we can have physical meetings*

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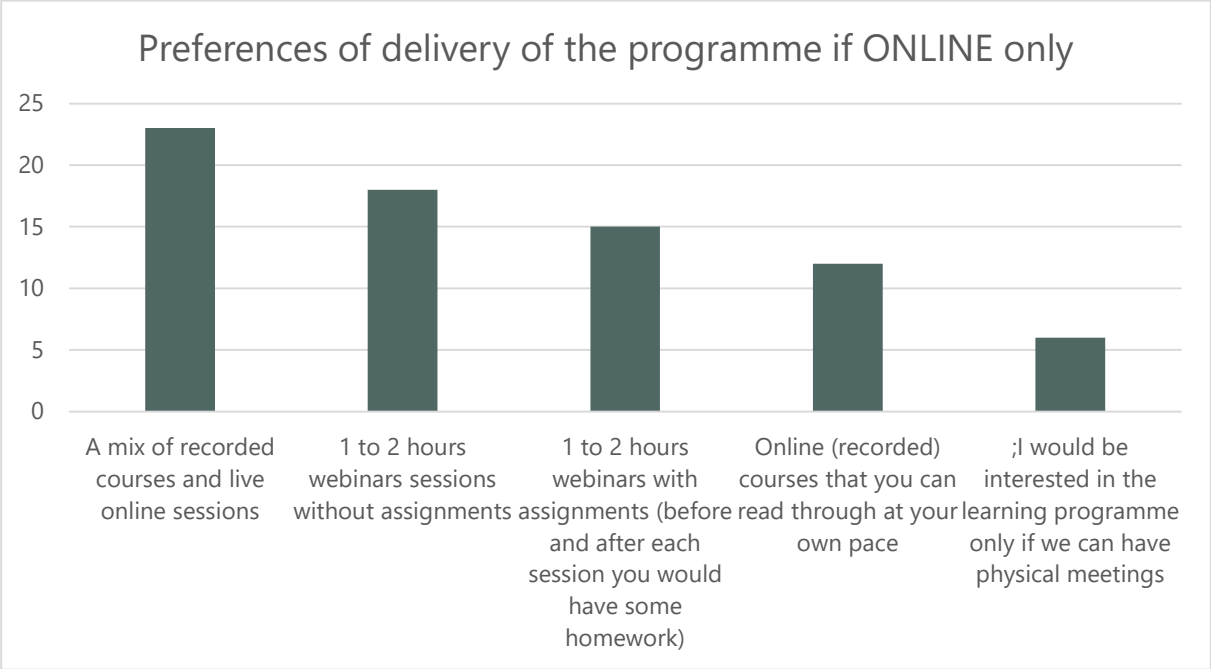

Graph 2: preference of delivery of the programme if online only

Respondents preferred method of delivery is a mix of recorded courses and live online sessions.

After having seen the possible content of the peer learning programme, could you please let us know for which topic you would like to apply

Answers:

1 Energy Data collection (acquisition and treatment)	69%
2 Monitoring, Verification, Follow up of implementation of action plans	67%
3 Indicators and strategies on adaptation to Climate Change	84%
4 Data display, dissemination and validation by end users	64%

The promotion of the needs assessment survey that served as first engagement campaign followed the following timeline and consisted of the following tasks:

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Table 4: First engagement campaign tasks and timeline

Task	Partner in charge	Partners involved	Timeline
General			
Define the campaign's calendar: opening time, duration – potential extension period	FEDARENE	AURA-EE, IEECP	October 2020
Define specific objectives of the campaign (targeted countries/modules, target number of applicants …) and means to reach them	FEDARENE	AURA-EE, IEECP	October 2020
Inform all partners on the calendar, objectives and tasks sharing	FEDARENE		October 2020
Update ENERGee watch database of contacts for the engagement campaign	FEDARENE		October 2020
Materials			
Develop/update visual engagement materials (postcards, infographics…)			
Develop/update application form	FEDARENE/UPRC	ALL	November 2020
Survey/Application form			
Upload the needs assessment survey onto EU Survey	FEDARENE		November 2020
Website updates			
Update the Get involved page	FEDARENE		November 2020
Update the News section Publish an article announcing the engagement campaign	FEDARENE		9 November 2020
Social Media			
Tweet template for partners (at least 1 every week)	FEDARENE		9/11/2020 to 13/12/2020
Partners' newsletters and website			
Propose one article to partners for them to share on their websites, newsletters and own communication channels	FEDARENE	ALL	19/11/2020
Cross promotion			
Contact partner EU projects	Not done for this campaign		
Submit a blog post to the Covenant of Mayors office, ManagEnergy, BuildUp… websites	FEDARENE		Nov/Dec 2020

Examples of activities below:

Post on Covenant of Mayors website

https://eumayors.eu/news-and-events/news/1836-help-design-a-new-peer-learning-programme-mentored-by-experienced-energy-agencies.html

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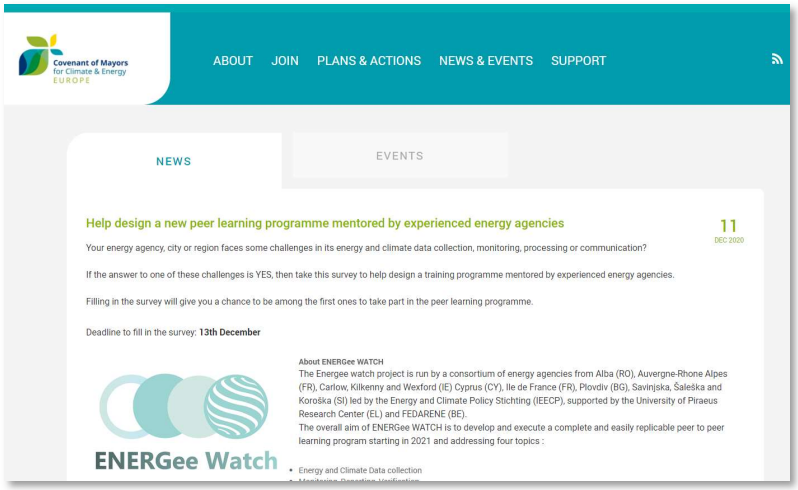
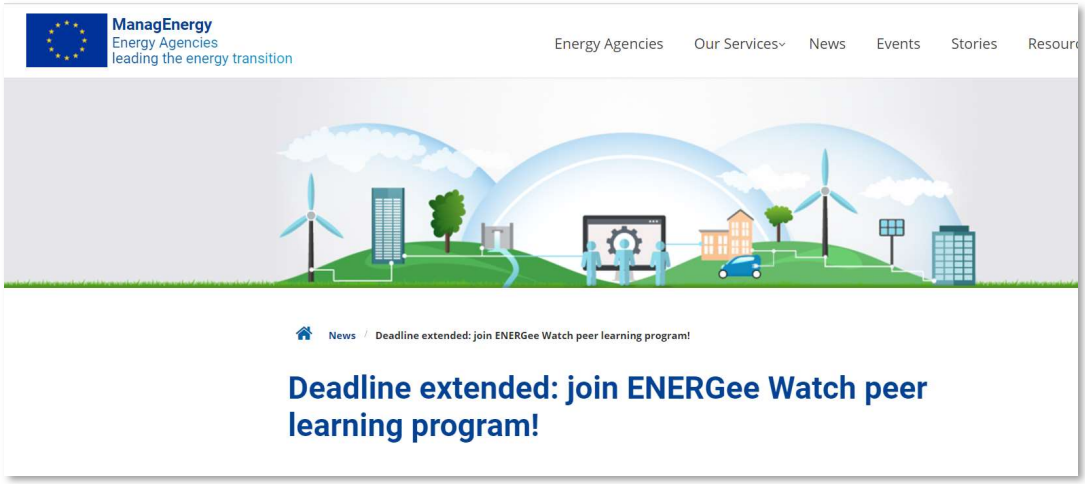


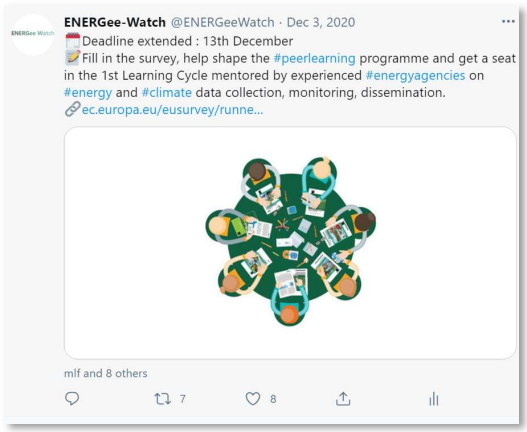
Post on MangEnergy website

https://www.managenergy.eu/node/1092?fbclid=IwAR1u3PgRuzDNarzBjdGvEDqYuvs-8ULnxUDAhe_CC9yYNIcb1duTyQNOKns



Tweets

https://twitter.com/ENERGeeWatch/status/1331164186618056704?s=20



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6.2 Results of the first engagement campaign

List of all persons who indicated in the question “Are you interested in participating to the peer learning programme?”: Yes I am interested in applying and confirm that you can use the data submitted as application form.

The full titles of topics can be found below:

1 Energy Data collection (acquisition and treatment)
2 Monitoring, Reporting, Verification: follow up on implementation of actions
3 Indicators and strategies on adaptation to Climate Change
4 Data display, dissemination and validation by end users

Table 5: Potential participants recruited as part of the first engagement campaign

Name of your organisation	You represent	If other, please specify	Your Country	Your preferences if our programme were to be carried out entirely ONLINE.	For which topic you would like to apply?
Agência de Energia do Ave	An energy agency		Portugal	1 to 2 hours webinars with assignments (before and after each session you would have some homework);1 to 2 hours webinars sessions without assignments;A mix of recorded courses and live online sessions	1 / 2 / 3
Alba Iulia Municipality	A local authority (city / municipality / urban community...)		Romania	A mix of recorded courses and live online sessions	1 / 4
APE FVG	An energy agency		Italy	1 to 2 hours webinars sessions without assignments;I would be interested in the learning programme only if we can have physical meetings	3 / 4
APE FVG	An energy agency		Italy	Online (recorded) courses that you can read through at your own pace	2 / 3/ 4
ARPAE - regional energy observatory	A provincial / regional authority (incl. as well counties)		Italy	1 to 2 hours webinars sessions without assignments	2
Atmo Bourgogne-Franche-Comté	An energy agency		France	1 to 2 hours webinars with assignments (before and after each session you would have some homework);A mix of recorded courses and live online sessions	1 / 2 /3
autonomous province of trento	A provincial / regional authority (incl. as well counties)		Italy	A mix of recorded courses and live online sessions	3
Development agency SAŠA	A provincial / regional authority (incl. as well counties)		Slovenia	1 to 2 hours webinars sessions without assignments	3
Energiaklub	Other	NGO	Hungary	1 to 2 hours webinars sessions without assignments	1 / 2 / 3 / 4

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Name of your organisation	You represent	If other, please specify	Your Country	Your preferences if our programme were to be carried out entirely ONLINE.	For which topic you would like to apply?
Energiaklub Climate Policy Institute	Other	NGO (developing SECAPs)	Hungary	1 to 2 hours webinars with assignments (before and after each session you would have some homework)	3 / 4
Energy Agency Province of Cádiz	An energy agency		Spain	1 to 2 hours webinars sessions without assignments	1 / 2 / 3 / 4
Energy Management Agency of Maramures	An energy agency		Romania	A mix of recorded courses and live online sessions	1 / 2 / 4
Est Ensemble Grand Paris	A local authority (city / municipality / urban community...)		France	A mix of recorded courses and live online sessions	1 / 2 / 3 / 4
Kent County Council	A local authority (city / municipality / urban community...)		United Kingdom	1 to 2 hours webinars sessions without assignments;Online (recorded) courses that you can read through at your own pace;A mix of recorded courses and live online sessions	1 / 3
Lisboa E-Nova	An energy agency		Portugal	1 to 2 hours webinars with assignments (before and after each session you would have some homework)	1 / 3 / 4
Local Energy Agency of Gorenjska	An energy agency		Slovenia	1 to 2 hours webinars with assignments (before and after each session you would have some homework);A mix of recorded courses and live online sessions	4
Medjimurje Energy Agency Ltd.	An energy agency		Croatia	1 to 2 hours webinars with assignments (before and after each session you would have some homework);A mix of recorded courses and live online sessions	1 / 2 / 3
Municipal Energy Agency Frankfurt	A local authority (city / municipality / urban community...)		Germany	1 to 2 hours webinars with assignments (before and after each session you would have some homework);A mix of recorded courses and live online sessions	1
Municipality of & (and/or) Urban PlanningResearch Lab., Architecture Sch., Athens Technical University	Local Authority (Municipality of Farkadona) & (and/or) Urban Planning Research Lab., Architecture Sch., Athens Technical University		Greece	A mix of recorded courses and live online sessions	1 / 2 / 3 / 4
Municipality of Nea Ionia	A local authority (city / municipality / urban community...)		Greece	1 to 2 hours webinars sessions without assignments;Online (recorded) courses that you can read through at your own pace;A mix of recorded courses and live online sessions	1 / 2 / 3 / 4
MUNICIPALITY OF SAN LUCIDO	A local authority (city / municipality / urban community...)		Italy	1 to 2 hours webinars with assignments (before and after each session you would have some homework)	1 / 2 / 3 / 4
OesteSustentavel Regional Energy Agency Portugal	An energy agency		Portugal	1 to 2 hours webinars sessions without assignments;Online (recorded) courses that you can read through at your own pace;A mix of recorded courses and live online sessions	1 / 2 / 3 / 4

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Name of your organisation	You represent	If other, please specify	Your Country	Your preferences if our programme were to be carried out entirely ONLINE.	For which topic you would like to apply?
Oradea Municipality	A local authority (city / municipality / urban community...)		Romania	Online (recorded) courses that you can read through at your own pace	1 / 2 / 3
Oradea Municipality	A local authority (city / municipality / urban community...)		Romania	Online (recorded) courses that you can read through at your own pace	1 / 2 / 3
Pesaro Council	A local authority (city / municipality / urban community...)		Italy	1 to 2 hours webinars with assignments (before and after each session you would have some homework)	1 / 2 / 3 / 4
Piemonte Region	A provincial / regional authority (incl. as well counties)		Italy	1 to 2 hours webinars sessions without assignments	1 / 2 / 4
Provincia Autonoma di Trento	A provincial / regional authority (incl. as well counties)		Italy	1 to 2 hours webinars sessions without assignments	1 / 2 / 3 / 4
Provincia di Trento	A provincial / regional authority (incl. as well counties)		Italy	1 to 2 hours webinars sessions without assignments;Online (recorded) courses that you can read through at your own pace;A mix of recorded courses and live online sessions	2 / 3 / 4
REC Turkey	Other	NGO	Turkey	1 to 2 hours webinars with assignments (before and after each session you would have some homework);A mix of recorded courses and live online sessions	1 / 2 / 3 / 4
Samsø Energy Academy	An energy agency		Denmark	1 to 2 hours webinars with assignments (before and after each session you would have some homework);Online (recorded) courses that you can read through at your own pace	1 / 2 / 3
STROVOLOS MUNICIPALITY	A local authority (city / municipality / urban community...)		Cyprus	1 to 2 hours webinars sessions without assignments;A mix of recorded courses and live online sessions	1 / 2 / 3 / 4
Ulcinj Municipality	A local authority (city / municipality / urban community...)		Montenegro	1 to 2 hours webinars with assignments (before and after each session you would have some homework)	1 / 2 / 3 / 4

After analysing the eligible organisations and the people in these organisations who said they want to take part in the programme, we were left with **37 persons from 30 organisations** that is well above the 24 we are supposed to recruit at each learning cycle. Therefore the objective was reached, but we did consider reopening the application, if deemed necessary.

In the end, **25 mentees from 19 organisations** and 15 countries across Europe were involved in the learning programme and successfully finished their selected module. Each of the 4 courses took place in several online meetings during Sept-Nov 2021. Participants are to take part in 2 peer-review sessions.

The feedback received from the mentees, mentors and observers of the first learning cycle was used to shape the second engagement campaign and the second learning cycle.

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6.3 Second engagement campaign

The work for the second engagement campaign started in January 2022 with the redesign of the application form. Mentors slightly updated the questions based on the courses developed in Learning Cycle 1. The full survey/application form is available in Annex 2. The engagement campaign strategy has been planned during the month of February for the launch of the second engagement campaign from 21/02/2022 to 18/03/2022.

The focus of the engagement campaign was shifted from energy agencies and regions to municipalities and especially municipalities from Bulgaria and Romania with the support of ALEA and EAP.

The period of the second learning cycle and the deadlines had to be pushed in the consideration of the ongoing COVID-19 pandemic context. The situation also imposed again the organisation of the Masterclass online, on April 4th 2022 (with a breakout session per course), while the study visits for each course are planned to happen in person during May-July 2022. Dates were discussed between mentees and mentors during the break-out sessions after the masterclass.

Table 6: Second engagement campaign tasks and timeline

Task	Partner in charge	Partners involved	Timeline
General			
Define the campaign's calendar: opening time, duration – potential extension period	FEDARENE	AURA-EE, IEECP	January 2022
Define specific objectives of the campaign (targeted countries/modules, target number of applicants …) and means to reach them	FEDARENE	AURA-EE, IEECP	February 2022
Inform all partners on the calendar, objectives and tasks sharing	FEDARENE		February 2022
Update ENERGee watch database of contacts for the engagement campaign	FEDARENE		February 2022
Materials			
Develop/update visual engagement materials (postcards, infographics…)	FEDARENE		Feb - March 2022
Develop/update application form	FEDARENE/UPRC	ALL	February 2022
Survey/Application form			
Upload the needs assessment survey onto EU Survey	FEDARENE		February 2022
Website updates			
Update the Get involved page	FEDARENE		February 2022
Update the News section Publish an article announcing the engagement campaign	FEDARENE		21 February 2022
Social Media			

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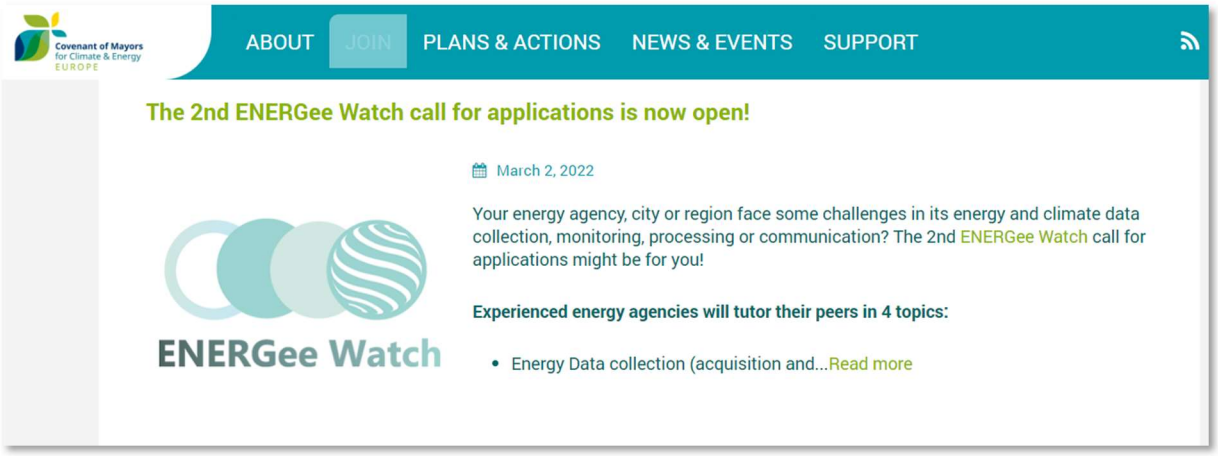
Tweet template for partners & posting (at least 1 every week)	FEDARENE		21/02/2022 to 18/03/2022
Partners' newsletters and website			
Propose one article to partners for them to share on their websites, newsletters and own communication channels	FEDARENE	ALL	February 2022
Cross promotion			
Contact partner EU projects (through social media)	FEDARENE		
Submit a blog post to the Covenant of Mayors office, ManagEnergy, BuildUp… websites	FEDARENE		February 2022

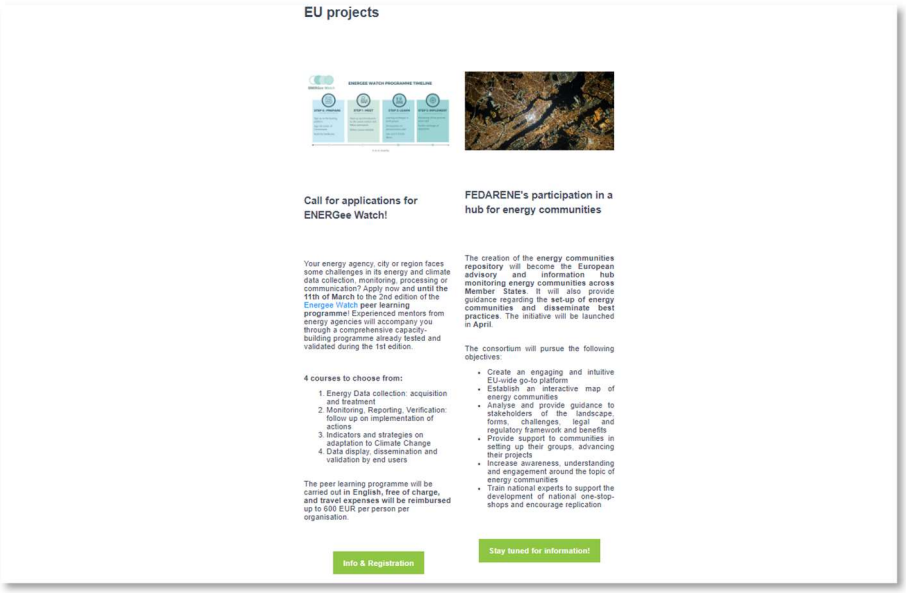
Examples of activities below:

Post on Covenant of Mayors website

https://www.covenantofmayors.eu/news-and-events/news-and-events/news/1928-the-2nd-energee-watch-call-for-applications-is-now-open.html



Newsletter



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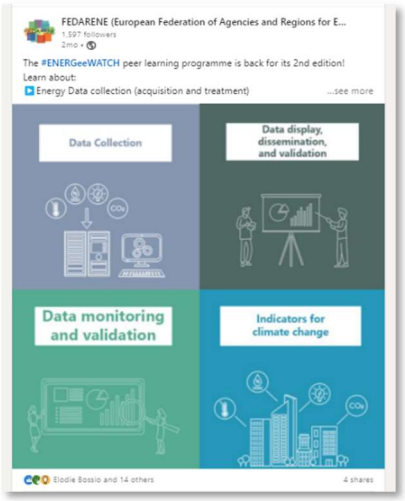
Social media



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6.4 Results of the second engagement campaign

Table 7: Potential participants recruited as part of the second engagement campaign

Name of your organisation	You represent	If other, please specify	Your Country	After reading the outline of each course, please indicate your first and second choice out of the 4 courses of the ENERGee Watch programme
CRES	An energy agency		Greece	Energy Data collection (acquisition and treatment);Indicators and strategies on adaptation to Climate Change
LENREG Energy Agency Nonprofit Llc.	An energy agency		Hungary	Energy Data collection (acquisition and treatment);Monitoring, Reporting, Verification: follow up on implementation of actions
Codema - City of Dublin Energy Management Agency	An energy agency		Ireland	Energy Data collection (acquisition and treatment);Monitoring, Reporting, Verification: follow up on implementation of actions
Municipality of Blagoevgrad	A local authority (city / municipality / urban community...)		Bulgaria	Monitoring, Reporting, Verification: follow up on implementation of actions
Tipperary Energy Agency	An energy agency		Ireland	Indicators and strategies on adaptation to Climate Change;Data display, dissemination and validation by end users
UAT MUNICIPIUL ORADEA	A local authority (city / municipality / urban community...)		Romania	Energy Data collection (acquisition and treatment);Monitoring, Reporting, Verification: follow up on implementation of actions
PRIMARIA MUNICIPIULUI TARGU MURES	A local authority (city / municipality / urban community...)		Romania	Energy Data collection (acquisition and treatment);Monitoring, Reporting, Verification: follow up on implementation of actions
PRIMARIA MUNICIPIULUI TARGU MURES	A local authority (city / municipality / urban community...)		Romania	Energy Data collection (acquisition and treatment);Monitoring, Reporting, Verification: follow up on implementation of actions
Alba Iulia Municipality	A local authority (city / municipality / urban community...)		Romania	Indicators and strategies on adaptation to Climate Change;Data display, dissemination and validation by end users
Agentia pentru Managementul Energiei Sighisoara	An energy agency		Romania	Indicators and strategies on adaptation to Climate Change
Dynamic Drimnagh	A local authority (city / municipality / urban community...)		Ireland	Energy Data collection (acquisition and treatment);Data display, dissemination and validation by end users
Tran Municipality	A local authority (city / municipality / urban community...)		Bulgaria	Monitoring, Reporting, Verification: follow up on implementation of actions;Indicators and strategies on adaptation to Climate Change
VARNA MUNICIPALITY	A local authority (city / municipality / urban community...)		Bulgaria	Indicators and strategies on adaptation to Climate Change

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Name of your organisation	You represent	If other, please specify	Your Country	After reading the outline of each course, please indicate your first and second choice out of the 4 courses of the ENERGee Watch programme
Municipality of Vratsa	A local authority (city / municipality / urban community...)		Bulgaria	Energy Data collection (acquisition and treatment);Monitoring, Reporting, Verification: follow up on implementation of actions
Yambol	A local authority (city / municipality / urban community...)		Bulgaria	Energy Data collection (acquisition and treatment);Monitoring, Reporting, Verification: follow up on implementation of actions
Yambol municipality	A local authority (city / municipality / urban community...)		Bulgaria	Indicators and strategies on adaptation to Climate Change
Blagoevgrad Municipality	A local authority (city / municipality / urban community...)		Bulgaria	Energy Data collection (acquisition and treatment);Indicators and strategies on adaptation to Climate Change
Municipality of Blagoevgrad	A local authority (city / municipality / urban community...)		Bulgaria	Monitoring, Reporting, Verification: follow up on implementation of actions;Data display, dissemination and validation by end users
RdA Climate Solutions	Other	A consultancy that works with the public sector	Portugal	Monitoring, Reporting, Verification: follow up on implementation of actions;Indicators and strategies on adaptation to Climate Change
Karlovo Municipality	A local authority (city / municipality / urban community...)		Bulgaria	Energy Data collection (acquisition and treatment);Monitoring, Reporting, Verification: follow up on implementation of actions
primaria comunei victoria	A local authority (city / municipality / urban community...)		Romania	Indicators and strategies on adaptation to Climate Change;Data display, dissemination and validation by end users
ANRPC	An energy agency		Egypt	Monitoring, Reporting, Verification: follow up on implementation of actions;Data display, dissemination and validation by end users
North-West Croatia Regional Energy Agency, REGEA	An energy agency		Croatia	Indicators and strategies on adaptation to Climate Change;Data display, dissemination and validation by end users
North-West Croatia Energy Agency	An energy agency		Croatia	Monitoring, Reporting, Verification: follow up on implementation of actions;Indicators and strategies on adaptation to Climate Change
MUNICIPALITY OF SAN LUCIDO	A local authority (city / municipality / urban community...)		Italy	Energy Data collection (acquisition and treatment);Indicators and strategies on adaptation to Climate Change
IRE	An energy agency		Italy	Indicators and strategies on adaptation to Climate Change
Medjimurje Energy Agency Ltd.	An energy agency		Croatia	Monitoring, Reporting, Verification: follow up on implementation of actions;Indicators and strategies on adaptation to Climate Change
Energaia - Energy Agency	An energy agency		Portugal	Energy Data collection (acquisition and treatment);Monitoring, Reporting, Verification: follow up on implementation of actions
The municipality of Temerin	A local authority (city / municipality / urban community...)		Serbia	Energy Data collection (acquisition and treatment);Monitoring, Reporting, Verification: follow up on implementation of actions
Община Видин	A local authority (city / municipality / urban community...)		Bulgaria	Monitoring, Reporting, Verification: follow up on implementation of actions;Indicators and strategies on adaptation to Climate Change

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Name of your organisation	You represent	If other, please specify	Your Country	After reading the outline of each course, please indicate your first and second choice out of the 4 courses of the ENERGee Watch programme
Burgas Municipality	A local authority (city / municipality / urban community...)		Bulgaria	Monitoring, Reporting, Verification: follow up on implementation of actions;Data display, dissemination and validation by end users
Burgas Municipality	A local authority (city / municipality / urban community...)		Bulgaria	Energy Data collection (acquisition and treatment);Indicators and strategies on adaptation to Climate Change
Servelect	A local authority (city / municipality / urban community...)		Romania	Monitoring, Reporting, Verification: follow up on implementation of actions;Indicators and strategies on adaptation to Climate Change
ALEA	An energy agency		Romania	Indicators and strategies on adaptation to Climate Change;Data display, dissemination and validation by end users
AB Vassilopoulos Single Member S.A.	Other	Retail sector	Greece	Energy Data collection (acquisition and treatment);Indicators and strategies on adaptation to Climate Change
Society for Sustainable Development Design	Other	non-profit organisation	Croatia	Monitoring, Reporting, Verification: follow up on implementation of actions;Indicators and strategies on adaptation to Climate Change
Society for sustainable development design(DOOR)	Other	NGO	Croatia	Energy Data collection (acquisition and treatment);Indicators and strategies on adaptation to Climate Change
Metropole Européenne de Lille	A local authority (city / municipality / urban community...)		France	Energy Data collection (acquisition and treatment);Data display, dissemination and validation by end users
ALEC SQY	A local authority (city / municipality / urban community...)		France	Monitoring, Reporting, Verification: follow up on implementation of actions;Indicators and strategies on adaptation to Climate Change
Energy Management Agency of Maramures	An energy agency		Romania	Energy Data collection (acquisition and treatment)
Alba Local Energy Agency	An energy agency		Romania	Energy Data collection (acquisition and treatment);Monitoring, Reporting, Verification: follow up on implementation of actions

After analysing the eligible organisations and the people in these organisations who said they want to take part in the programme, we summed up **38 persons from 24 organisations**. Currently we are following up with the accepted participants in order to plan the process for each of the four modules of the cycle.

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7 Monitoring & Evaluation

Monitoring the impact of the communication and dissemination strategy is crucial to understand the attractiveness and effectiveness of such peer-to-peer programme. A full list of indicators will be monitored as part of the communication and dissemination strategy (see Deliverable 6.1) but here are the indicators that are relevant for the engagement strategy.

The main indicator is the number of local/regional authorities and energy agencies involved in the learning programme.

Other indicators are:

- Emails and contacts reached through the engagement campaign,
- Number of participants that take part to the peer review webinars,
- Number of participants that are not FEDARENE or ENERGEE Watch networks members,
- Channels through which participants heard about ENERGee Watch.

7.1 First engagement campaign

On a fist short evaluation of the first engagement campaign, we understand we reached through our communication more than 16.000 recipients. Through newsletters we reached the communities of FEDARENE (over 6.000 recipients), as well as more than 10.000 local authorities through the Covenant of Mayors community. Through the dedicated Twitter account, we gathered 14.200 impressions with a 2.4% engagement rate.

Through the registration form for the first learning cycle, we gathered over 40 contacts from over 30 organisations. From 30 eligible organisations, only 7 are members of FEDARENE or of the ENERGee Watch community, which makes for 23%.

The peer review webinars are yet to happen.

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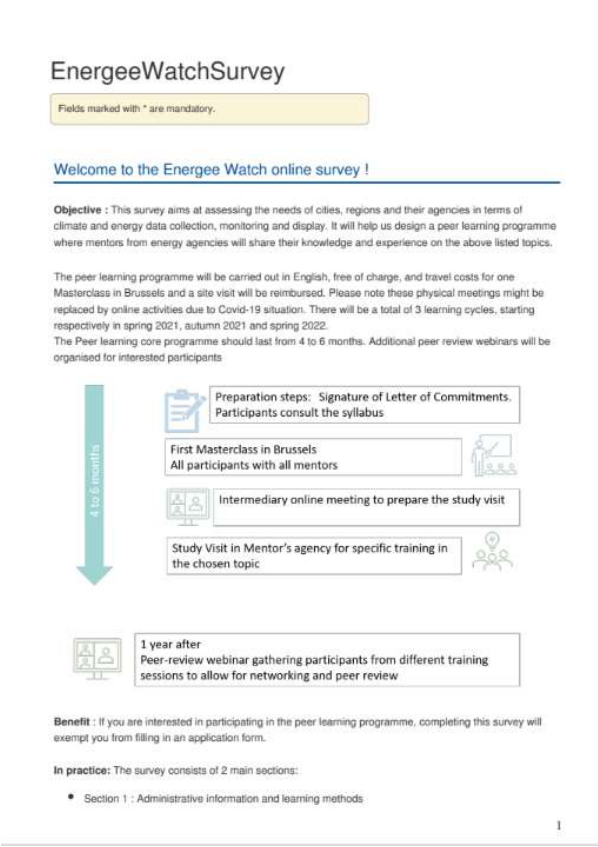
Annex 1

ENERGee Watch needs assessment survey, Learning Cycle 1



EnergeeWatchSurvey

Fields marked with * are mandatory.

Welcome to the Energee Watch online survey !

Objective : This survey aims at assessing the needs of cities, regions and their agencies in terms of climate and energy data collection, monitoring and display. It will help us design a peer learning programme where mentors from energy agencies will share their knowledge and experience on the above listed topics.

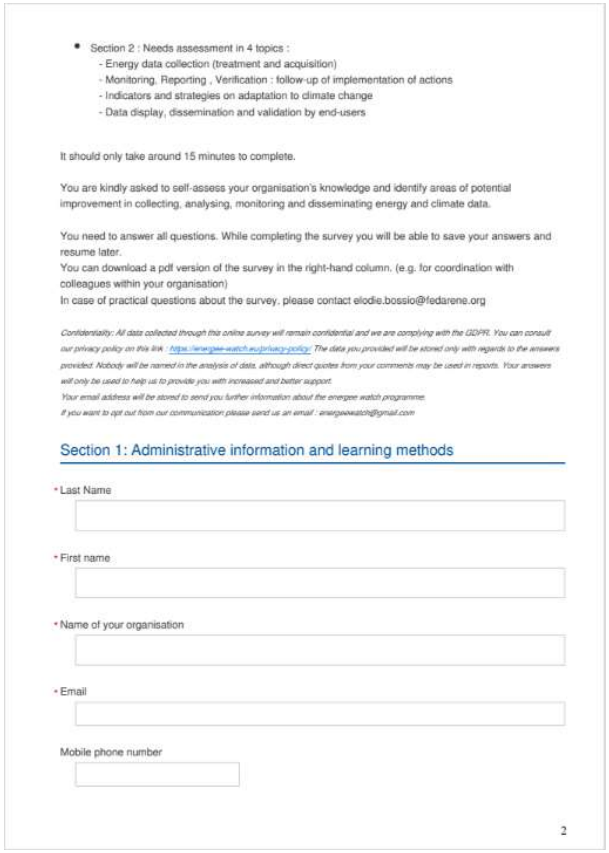
The peer learning programme will be carried out in English, free of charge, and travel costs for one Masterclass in Brussels and a site visit will be reimbursed. Please note these physical meetings might be replaced by online activities due to Covid-19 situation. There will be a total of 3 learning cycles, starting respectively in spring 2021, autumn 2021 and spring 2022.
The Peer learning core programme should last from 4 to 6 months. Additional peer review webinars will be organised for interested participants

Benefit : If you are interested in participating in the peer learning programme, completing this survey will exempt you from filling in an application form.

In practice: The survey consists of 2 main sections:

- Section 1 : Administrative information and learning methods

1



- Section 2 : Needs assessment in 4 topics :
  - Energy data collection (treatment and acquisition)
  - Monitoring, Reporting , Verification : follow-up of implementation of actions
  - Indicators and strategies on adaptation to climate change
  - Data display, dissemination and validation by end-users

It should only take around 15 minutes to complete.

You are kindly asked to self-assess your organisation's knowledge and identify areas of potential improvement in collecting, analysing, monitoring and disseminating energy and climate data.

You need to answer all questions. While completing the survey you will be able to save your answers and resume later.
You can download a pdf version of the survey in the right-hand column. (e.g. for coordination with colleagues within your organisation)
In case of practical questions about the survey, please contact elodie.bossio@fedarene.org

Confidentiality: All data collected through this online survey will remain confidential and we are complying with the GDPR. You can consult our privacy policy on this link : https://energee-watch.eu/privacy-policy/ The data you provided will be stored only with regards to the answers provided. Nobody will be named in the analysis of data, although direct quotes from your comments may be used in reports. Your answers will only be used to help us to provide you with increased and better support.
Your email address will be stored to send you further information about the energee watch programme.
If you want to opt out from our communication please send us an email : energeewatch@gmail.com

Section 1: Administrative information and learning methods

* Last Name
* First name
* Name of your organisation
* Email
Mobile phone number

2

* You represent
- A local authority (city / municipality / urban community...)
- A provincial / regional authority (incl. as well counties)
- An energy agency
- Other

* If other, please specify

* Your Country
- Austria
- Belgium
- Bulgaria
- Croatia
- Cyprus
- Czechia
- Denmark
- Estonia
- Finland
- France
- Germany
- Greece
- Hungary
- Ireland
- Italy
- Latvia
- Lithuania
- Luxembourg
- Malta
- Netherlands
- Poland
- Portugal
- Romania
- Slovak Republic
- Slovenia
- Spain
- Sweden
- Other

If Other, please specify the country. Please note that only H2020 associated countries are eligible.

Are you interested in participating to the peer learning programme?
- Yes I am interested in applying and confirm that you can use the data submitted as application form

3

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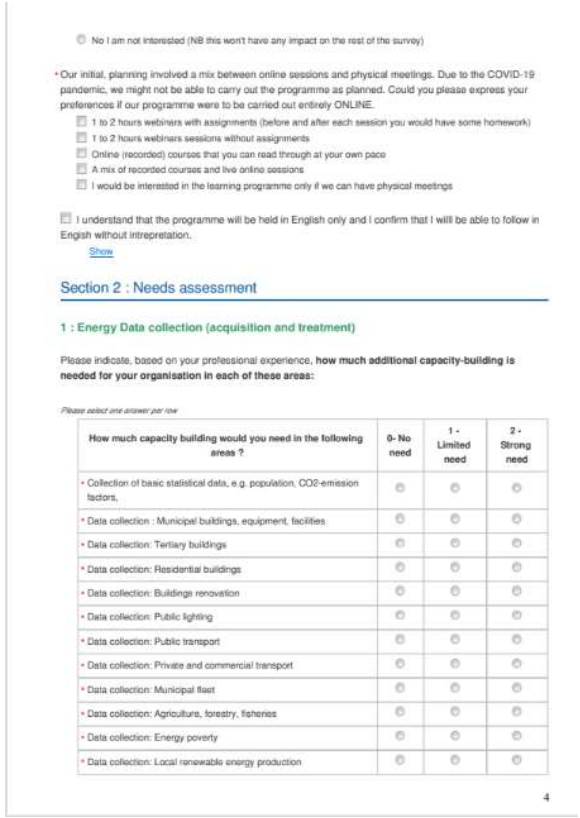


No I am not interested (NB this won't have any impact on the rest of the survey)

* Our initial, planning involved a mix between online sessions and physical meetings. Due to the COVID-19 pandemic, we might not be able to carry out the programme as planned. Could you please express your preferences if our programme were to be carried out entirely ONLINE.
  - 1 to 2 hours webinars with assignments (before and after each session you would have some homework)
  - 1 to 2 hours webinars sessions without assignments
  - Online (recorded) courses that you can read through at your own pace
  - A mix of recorded courses and live online sessions
  - I would be interested in the learning programme only if we can have physical meetings

I understand that the programme will be held in English only and I confirm that I will be able to follow in English without intrepretation.

Show

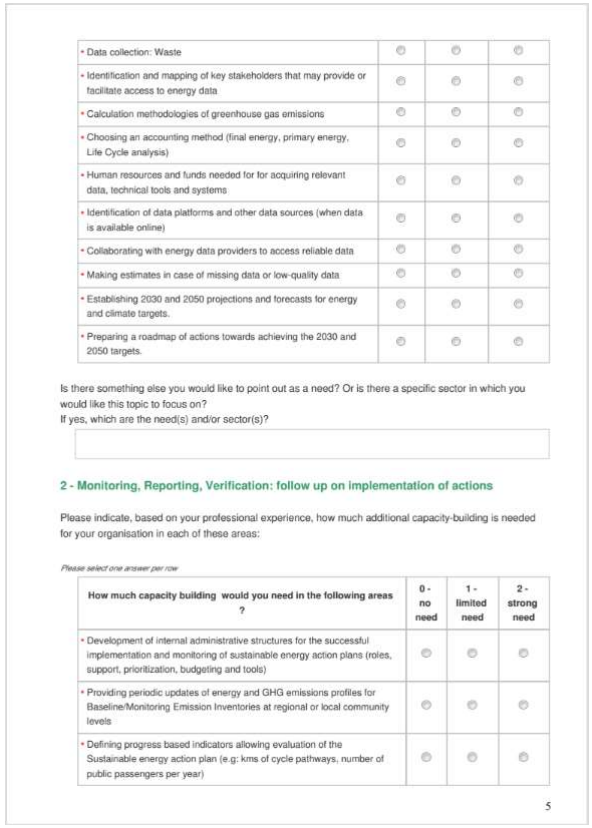
Section 2 : Needs assessment

1 : Energy Data collection (acquisition and treatment)

Please indicate, based on your professional experience, **how much additional capacity-building is needed for your organisation in each of these areas:**

Please select one answer per row

How much capacity building would you need in the following areas ?	0- No need	1 - Limited need	2 - Strong need
* Collection of basic statistical data, e.g. population, CO2-emission factors,			
* Data collection : Municipal buildings, equipment, facilities			
* Data collection: Tertiary buildings			
* Data collection: Residential buildings			
* Data collection: Buildings renovation			
* Data collection: Public lighting			
* Data collection: Public transport			
* Data collection: Private and commercial transport			
* Data collection: Municipal fleet			
* Data collection: Agriculture, forestry, fisheries			
* Data collection: Energy poverty			
* Data collection: Local renewable energy production			



* Data collection: Waste			
* Identification and mapping of key stakeholders that may provide or facilitate access to energy data			
* Calculation methodologies of greenhouse gas emissions			
* Choosing an accounting method (final energy, primary energy, Life Cycle analysis)			
* Human resources and funds needed for for acquiring relevant data, technical tools and systems			
* Identification of data platforms and other data sources (when data is available online)			
* Collaborating with energy data providers to access reliable data			
* Making estimates in case of missing data or low-quality data			
* Establishing 2030 and 2050 projections and forecasts for energy and climate targets.			
* Preparing a roadmap of actions towards achieving the 2030 and 2050 targets.			

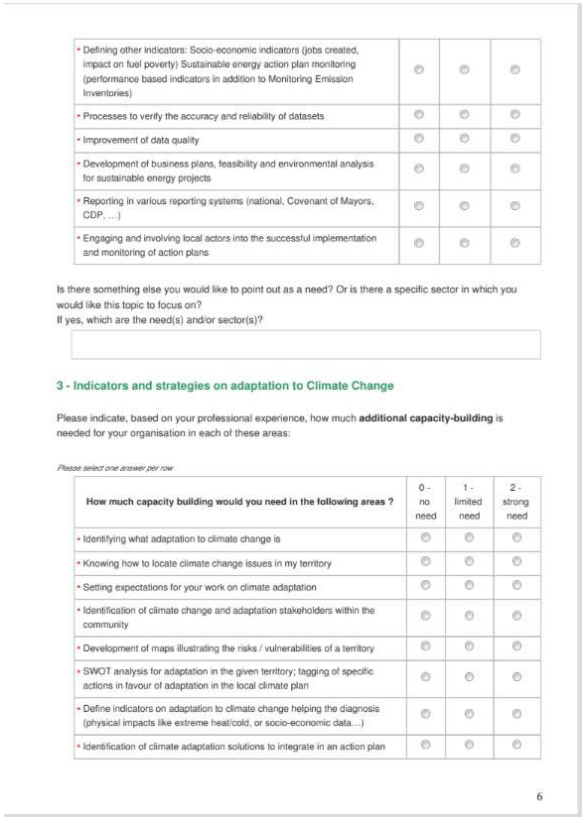
Is there something else you would like to point out as a need? Or is there a specific sector in which you would like this topic to focus on?
If yes, which are the need(s) and/or sector(s)?

2 - Monitoring, Reporting, Verification: follow up on implementation of actions

Please indicate, based on your professional experience, how much additional capacity-building is needed for your organisation in each of these areas:

Please select one answer per row

How much capacity building would you need in the following areas ?	0 - no need	1 - limited need	2 - strong need
* Development of internal administrative structures for the successful implementation and monitoring of sustainable energy action plans (roles, support, prioritization, budgeting and tools)			
* Providing periodic updates of energy and GHG emissions profiles for Baseline/Monitoring Emission Inventories at regional or local community levels			
* Defining progress based indicators allowing evaluation of the Sustainable energy action plan (e.g: kms of cycle pathways, number of public passengers per year)			



* Defining other indicators: Socio-economic indicators (jobs created, impact on fuel poverty) Sustainable energy action plan monitoring (performance based indicators in addition to Monitoring Emission Inventories)			
* Processes to verify the accuracy and reliability of datasets			
* Improvement of data quality			
* Development of business plans, feasibility and environmental analysis for sustainable energy projects			
* Reporting in various reporting systems (national, Covenant of Mayors, CDP, ...)			
* Engaging and involving local actors into the successful implementation and monitoring of action plans			

Is there something else you would like to point out as a need? Or is there a specific sector in which you would like this topic to focus on?
If yes, which are the need(s) and/or sector(s)?

3 - Indicators and strategies on adaptation to Climate Change

Please indicate, based on your professional experience, how much **additional capacity-building** is needed for your organisation in each of these areas:

Please select one answer per row

How much capacity building would you need in the following areas ?	0 - no need	1 - limited need	2 - strong need
* Identifying what adaptation to climate change is			
* Knowing how to locate climate change issues in my territory			
* Setting expectations for your work on climate adaptation			
* Identification of climate change and adaptation stakeholders within the community			
* Development of maps illustrating the risks / vulnerabilities of a territory			
* SWOT analysis for adaptation in the given territory; tagging of specific actions in favour of adaptation in the local climate plan			
* Define indicators on adaptation to climate change helping the diagnosis (physical impacts like extreme heat/cold, or socio-economic data...)			
* Identification of climate adaptation solutions to integrate in an action plan			

The ENERGee Watch project has received funding from the European Union's Horizon 2020 Research and Innovation Programme under grant agreement No 892089.

* Knowledge of possible adaptation solutions			
* Tools to prepare strategic guidelines that will inform the development of an adaptation plan and other adaptation initiatives			
* Including climate change adaptation into local climate plans/ articulating adaptation and mitigation			
* Defining adaptation targets until 2030, 2050			
* Defining indicators on adaptation to climate change helping the monitoring and the assessment / articulating mitigation and adaptation /			
* Mobilisation of human resources			
* Facilitation of a multi-stakeholder reflection on climate adaptation solutions			
* Governance and response plan to be put in place for your community			
* Space planning of the challenges: pressure or cooperation on environments and between stakeholders			

Is there something else you would like to point out as a need? Or is there a specific sector in which you would like this topic to focus on?
If yes, which are the need(s) and/or sector(s)?

4 - Data display, dissemination and validation by end users

Please indicate, based on your professional experience, **how much additional capacity-building is needed** for your organisation in each of these areas:

Please select at least one answer per row

How much capacity building would you need in the following areas ?	0 - no need	1 - limited need	2 - strong need
* Graphical and tabular data visualisation of energy/climate data			
* Visual representation of energy potentials (geothermal energy or potential for district heating systems ect…)			
* Identifying stakeholders' needs and expectations in energy and climate data sharing at regional and local levels			
* Identifying typical energy or emissions-related targets and uses			
* Identifying the most relevant data to be displayed and to best communicate a message			

* Using and representing data: various methods and tools illustrated with concrete examples (charts, geographical representation, Sankey diagrams, online tools)			
* Disseminating data among different stakeholders groups: various methods and tools			
* Demonstrating the benefits to end-users, data providers and political representatives			
* Dealing with the data "ownership", commercial data sensitivity, data privacy			

Is there something else you would like to point out as a need? Or is there a specific sector in which you would like this topic to focus on?
If yes, which are the need(s) and/or sector(s)?

* After having seen the possible content of the peer learning programme, could you please let us know for which topic you would like to apply?

between 1 and 4 choices

- [ ] 1 Energy Data collection (acquisition and treatment)
- [ ] 2 Monitoring, Reporting, Verification: follow up on implementation of actions
- [ ] 3 Indicators and strategies on adaptation to Climate Change
- [ ] 4 Data display, dissemination and validation by end users

Before starting the learning programme, please briefly describe what problems you currently face which have driven you to undertake this training scheme, what capabilities you would like to have improved upon at the end of the training period, and please provide specific examples if possible to allow us to better tailor our training modules to you, the participant.

Text of 2 to 600 characters will be accepted

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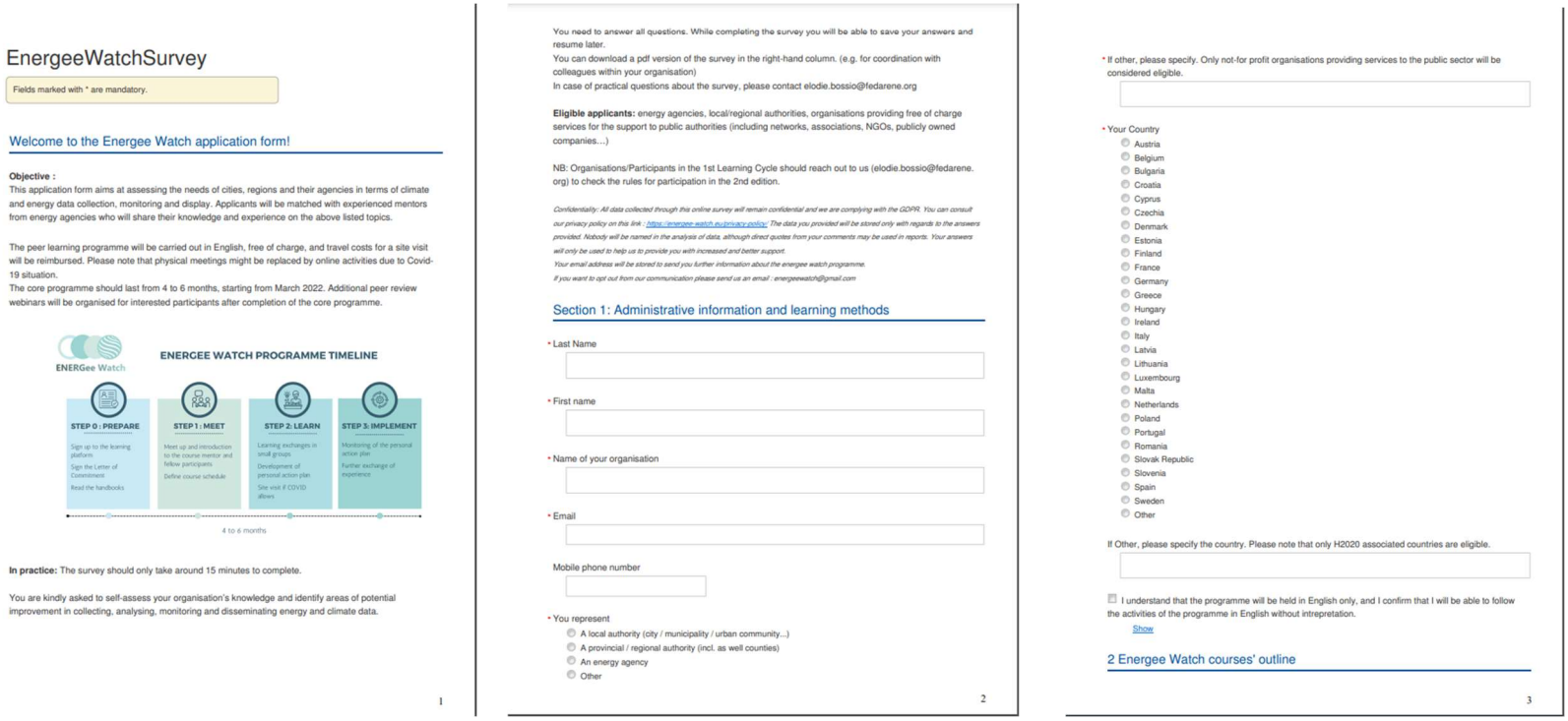
Annex 2

ENERGee Watch needs assessment survey, Learning Cycle 2



EnergeeWatchSurvey

Fields marked with * are mandatory.

Welcome to the Energee Watch application form!

Objective :
This application form aims at assessing the needs of cities, regions and their agencies in terms of climate and energy data collection, monitoring and display. Applicants will be matched with experienced mentors from energy agencies who will share their knowledge and experience on the above listed topics.

The peer learning programme will be carried out in English, free of charge, and travel costs for a site visit will be reimbursed. Please note that physical meetings might be replaced by online activities due to Covid-19 situation.
The core programme should last from 4 to 6 months, starting from March 2022. Additional peer review webinars will be organised for interested participants after completion of the core programme.

ENERGee Watch

ENERGEE WATCH PROGRAMME TIMELINE

STEP 0 : PREPARE
Sign up to the learning platform
Sign the Letter of Commitment
Read the handbooks

STEP 1 : MEET
Meet up and introduction to the course mentor and fellow participants
Define course schedule

STEP 2: LEARN
Learning exchanges in small groups
Development of personal action plan
Site visit if COVID allows

STEP 3: IMPLEMENT
Monitoring of the personal action plan
Further exchange of experience

4 to 6 months

In practice: The survey should only take around 15 minutes to complete.

You are kindly asked to self-assess your organisation's knowledge and identify areas of potential improvement in collecting, analysing, monitoring and disseminating energy and climate data.

1

You need to answer all questions. While completing the survey you will be able to save your answers and resume later.
You can download a pdf version of the survey in the right-hand column. (e.g. for coordination with colleagues within your organisation)
In case of practical questions about the survey, please contact elodie.bossio@fedarene.org

Eligible applicants: energy agencies, local/regional authorities, organisations providing free of charge services for the support to public authorities (including networks, associations, NGOs, publicly owned companies…)

NB: Organisations/Participants in the 1st Learning Cycle should reach out to us (elodie.bossio@fedarene.org) to check the rules for participation in the 2nd edition.

Confidentiality: All data collected through this online survey will remain confidential and we are complying with the GDPR. You can consult our privacy policy on this link : https://energee-watch.eu/privacy-policy/ The data you provided will be stored only with regards to the answers provided. Nobody will be named in the analysis of data, although direct quotes from your comments may be used in reports. Your answers will only be used to help us to provide you with increased and better support.
Your email address will be stored to send you further information about the energee watch programme.
If you want to opt out from our communication please send us an email : energeewatch@gmail.com

Section 1: Administrative information and learning methods

* Last Name

* First name

* Name of your organisation

* Email

Mobile phone number

* You represent
- A local authority (city / municipality / urban community...)
- A provincial / regional authority (incl. as well counties)
- An energy agency
- Other

2

* If other, please specify. Only not-for profit organisations providing services to the public sector will be considered eligible.

* Your Country
- Austria
- Belgium
- Bulgaria
- Croatia
- Cyprus
- Czechia
- Denmark
- Estonia
- Finland
- France
- Germany
- Greece
- Hungary
- Ireland
- Italy
- Latvia
- Lithuania
- Luxembourg
- Malta
- Netherlands
- Poland
- Portugal
- Romania
- Slovak Republic
- Slovenia
- Spain
- Sweden
- Other

If Other, please specify the country. Please note that only H2020 associated countries are eligible.

I understand that the programme will be held in English only, and I confirm that I will be able to follow the activities of the programme in English without intepretation.
Show

2 Energee Watch courses' outline

3

The ENERGee Watch project has received funding from the European Union's Horizon 2020 Research and Innovation Programme under grant agreement No 892089.

Please read below the summary of the 4 courses. You can find the detailed description in the downloadable handbooks on this page .

The course **Data collection** is dedicated to understanding the importance of systematic, timely and periodic gathering of energy data. Data collection and management is crucial for identifying trends, defining and monitoring strategies and prioritizing energy efficiency improvements.
Topics covered by the course

- Baseline Emission Inventory
- Energy management systems (buildings inventories, energy supply & production, data mining & qualitative estimations, data sharing ...)
- Transport (to estimate emissions in urban and other road transportation)

Data monitoring and validation
The course will give emphasis to enhance the capacity of local authorities to implement sustainable projects through:

- Development of internal administrative structures for the successful implementation and monitoring of sustainable energy action plans (roles, support, prioritization, budgeting, and tools)
- Process to verify energy data
- Data quality improvement
- Development of business plans, feasibility, and environmental analysis for sustainable energy projects.

Indicators for adaptation to climate change
The course dedicated to adaptation aims to clarify the concept, provide keys to understanding this discipline and shed light on the methodologies, systems and tools to support public actors. The aim of the exercise is to guide participants in building their own roadmap to ensure that adaptation to climate change is fully integrated into energy-climate action plans. To this end, the adaptation module will be organised in three sessions:

- Session 1: Setting the basics: climate change adaptation and assessment
- Session 2: Establishing the diagnosis: methods and data
- Session 3: Drawing up a strategy and action plan: methods and roles of indicators

Data display, dissemination, and validation by local authorities
This course will provide a sound knowledge base and understanding of the principles and best practices of data communication and presentation. Throughout the course, the participant will learn how to best identify their target audience and the key considerations to make in order to communicate a message, through the use of data, most effectively. Alongside this, the key modes of data communication will be identified with a detailed breakdown of how these modes can be replicated for any respective geographic area and audience.

Topics:

- What determines effective communication of data?
- Identifying the information needs of the end-users
- Data manipulation and presentation in an effective manner
- Implementing data display tools
- An insight into TerriSTORY®, an online tool to accompany territories in following and achieving their energy and climate objectives
- Different modes of data dissemination

* After reading the outline of each course, please indicate your first and second choice out of the 4 courses of the Energee watch programme

between 1 and 2 choices

- [ ] Energy Data collection (acquisition and treatment)
- [ ] Monitoring, Reporting, Verification: follow up on implementation of actions
- [ ] Indicators and strategies on adaptation to Climate Change
- [ ] Data display, dissemination and validation by end users

3 - Course 1 Energy Data collection - needs assessment

1 : Energy Data collection (acquisition and treatment)

Please indicate, based on your professional experience, **how much additional capacity-building is needed for your organisation in each of these areas:**

Please select one answer per row

How much capacity building would you need in the following areas ?	0- No need	1 - Limited need	2 - Strong need
* Collection of basic statistical data, e.g. population, CO2-emission factors,			
* Data collection : Municipal buildings, equipment, facilities			
* Data collection: Tertiary buildings			
* Data collection: Residential buildings			
* Data collection: Buildings renovation			
* Data collection: Public lighting			
* Data collection: Public transport			
* Data collection: Private and commercial transport			

* Data collection: Municipal fleet			
Data collection: Agriculture, forestry, fisheries			
* Data collection: Energy poverty			
* Data collection: Local renewable energy production			
* Data collection: Waste			
* Identification and mapping of key stakeholders that may provide or facilitate access to energy data			
* Calculation methodologies of greenhouse gas emissions			
* Choosing an accounting method (final energy, primary energy, Life Cycle analysis)			
* Human resources and funds needed for for acquiring relevant data, technical tools and systems			
* Identification of data platforms and other data sources (when data is available online)			
* Collaborating with energy data providers to access reliable data			
* Making estimates in case of missing data or low-quality data			
* Establishing 2030 and 2050 projections and forecasts for energy and climate targets.			
* Preparing a roadmap of actions towards achieving the 2030 and 2050 targets.			

Is there something else you would like to point out as a need? Or is there a specific sector in which you would like this topic to focus on?
If yes, which are the need(s) and/or sector(s)?

4 - Course 2 - Monitoring, reporting, verification: follow up on implementation of actions

2 - Monitoring, Reporting, Verification: follow up on implementation of actions

Please indicate, based on your professional experience, how much additional capacity-building is needed for your organisation in each of these areas:

Please select one answer per row

How much capacity building would you need in the following areas ?	0 - no need	1 - limited need	2 - strong need

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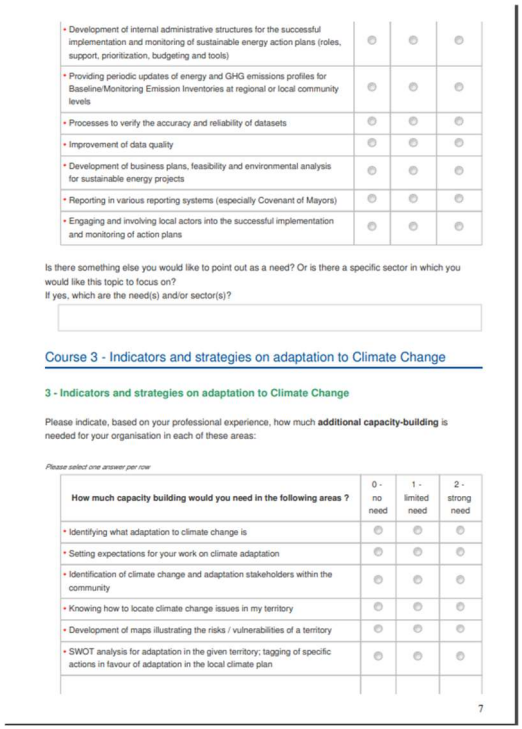

* Development of internal administrative structures for the successful implementation and monitoring of sustainable energy action plans (roles, support, prioritization, budgeting and tools)			
* Providing periodic updates of energy and GHG emissions profiles for Baseline/Monitoring Emission Inventories at regional or local community levels			
* Processes to verify the accuracy and reliability of datasets			
* Improvement of data quality			
* Development of business plans, feasibility and environmental analysis for sustainable energy projects			
* Reporting in various reporting systems (especially Covenant of Mayors)			
* Engaging and involving local actors into the successful implementation and monitoring of action plans			

Is there something else you would like to point out as a need? Or is there a specific sector in which you would like this topic to focus on?
If yes, which are the need(s) and/or sector(s)?

Course 3 - Indicators and strategies on adaptation to Climate Change

3 - Indicators and strategies on adaptation to Climate Change

Please indicate, based on your professional experience, how much **additional capacity-building** is needed for your organisation in each of these areas:

Please select one answer per row

How much capacity building would you need in the following areas ?	0 - no need	1 - limited need	2 - strong need
* Identifying what adaptation to climate change is			
* Setting expectations for your work on climate adaptation			
* Identification of climate change and adaptation stakeholders within the community			
* Knowing how to locate climate change issues in my territory			
* Development of maps illustrating the risks / vulnerabilities of a territory			
* SWOT analysis for adaptation in the given territory; tagging of specific actions in favour of adaptation in the local climate plan			

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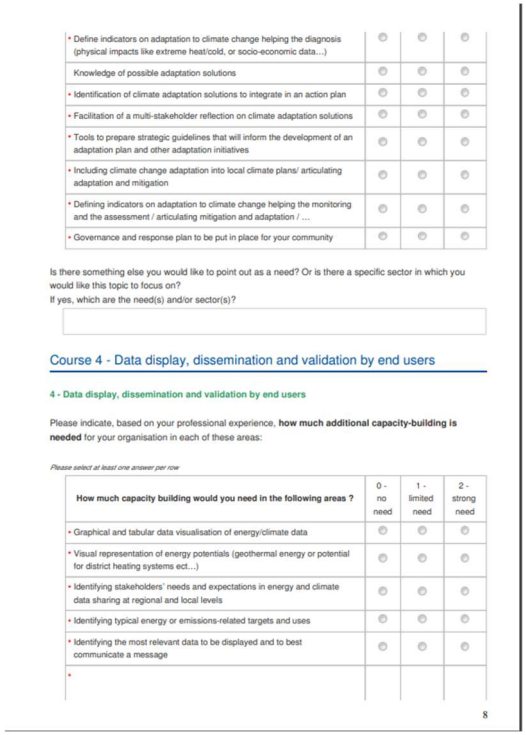


* Define indicators on adaptation to climate change helping the diagnosis (physical impacts like extreme heat/cold, or socio-economic data…)			
Knowledge of possible adaptation solutions			
* Identification of climate adaptation solutions to integrate in an action plan			
* Facilitation of a multi-stakeholder reflection on climate adaptation solutions			
* Tools to prepare strategic guidelines that will inform the development of an adaptation plan and other adaptation initiatives			
* Including climate change adaptation into local climate plans/ articulating adaptation and mitigation			
* Defining indicators on adaptation to climate change helping the monitoring and the assessment / articulating mitigation and adaptation / …			
* Governance and response plan to be put in place for your community			

Is there something else you would like to point out as a need? Or is there a specific sector in which you would like this topic to focus on?
If yes, which are the need(s) and/or sector(s)?

Course 4 - Data display, dissemination and validation by end users

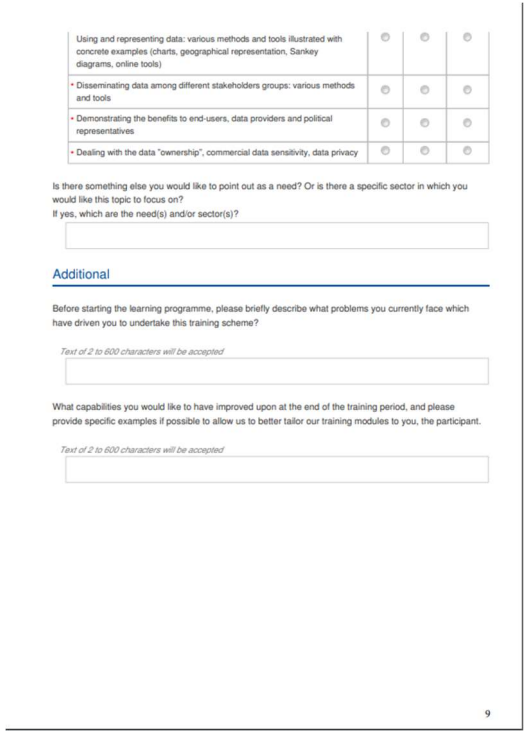
4 - Data display, dissemination and validation by end users

Please indicate, based on your professional experience, **how much additional capacity-building is needed** for your organisation in each of these areas:

Please select at least one answer per row

How much capacity building would you need in the following areas ?	0 - no need	1 - limited need	2 - strong need
* Graphical and tabular data visualisation of energy/climate data			
* Visual representation of energy potentials (geothermal energy or potential for district heating systems ect…)			
* Identifying stakeholders' needs and expectations in energy and climate data sharing at regional and local levels			
* Identifying typical energy or emissions-related targets and uses			
* Identifying the most relevant data to be displayed and to best communicate a message			
*			

8



Using and representing data: various methods and tools illustrated with concrete examples (charts, geographical representation, Sankey diagrams, online tools)			
* Disseminating data among different stakeholders groups: various methods and tools			
* Demonstrating the benefits to end-users, data providers and political representatives			
* Dealing with the data "ownership", commercial data sensitivity, data privacy			

Is there something else you would like to point out as a need? Or is there a specific sector in which you would like this topic to focus on?
If yes, which are the need(s) and/or sector(s)?

Additional

Before starting the learning programme, please briefly describe what problems you currently face which have driven you to undertake this training scheme?

Text of 2 to 600 characters will be accepted

What capabilities you would like to have improved upon at the end of the training period, and please provide specific examples if possible to allow us to better tailor our training modules to you, the participant.

Text of 2 to 600 characters will be accepted

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