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D5.6 REGIONAL SERVICE ROADMAP (SECOND VERSION)



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EXECUTIVE SUMMARY

This deliverable presents, for each of the 5 regional ecosystems, the final version of the service offering roadmap of the One-Stop Shop (OSS) for energy communities.

These roadmaps build on the orientations given by the strategic plans (D5.1) and the first version of the roadmaps (D5.5), and cover a wide range of service categories:

- awareness raising, facilitation and communication
- capacity building of energy communities and/or local public authorities
- networking services
- project development assistance
- Aggregation of projects and/or support to commercialization
assistance to policy development

For each service, the way the service will be implemented is described and a corresponding schedule is proposed. This second version also reports, for each regional ecosystem, the services that were tested in the pilot sites and the lessons learnt from that experience, as well as the strategy for the sustainability of the OSS beyond the end of the project.

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Introduction

OBJECTIVES OF THE WORK REPORTED

Aim of this task is to go further the deliverable D.5.1 Regional strategic plan of the OSS, by elaborating a service roadmap that each regional ecosystem will implement and propose to the local energy communities.

The ECOEMPOWER project aims at supporting 5 regional ecosystems in developing a range of tools and services that can help energy communities emerge and implement their RES projects successfully. Since energy communities welcome many members among which citizens, municipalities, etc., i.e. non-professional members, it is essential that they can be guided in their activities. Thus, each regional ecosystem is expected to map the most relevant services that have to be developed within the coming years so that energy communities can have a clear overview of the support they will receive.

This document is structured by regional ecosystem, with detailed tables for each service presented.

REGIONAL ECOSYSTEM: PAT

Introduction

This service roadmap has been worked out within the framework of ECOEMPOWER project. It is straightly linked to the strategic plan which has been set up to develop a regional One-Stop Shop (OSS) for energy communities.

The OSS is available at the web link: <https://infoenergia.provincia.tn.it/Autoconsumo-diffuso>

Aim of this roadmap is to describe which services will be proposed to the energy communities until 2031 so as to give more visibility to the OSS uptake.

This document is the final version of the roadmap based on the first draft which has been elaborated in April 2025.

Typology of services

The service roadmap is built around different categories which are the following:

- **awareness raising, facilitation and communication:** the OSS will help people be more informed about energy communities, RES projects, legal context so that they can be guided in the emergence of local communities. Communication tools should also be developed to help energy communities target various stakeholders and invite them to join their initiative: citizens, municipalities, local companies, NGOs, etc.
- **capacity building of energy communities and/or local public authorities:** the OSS will develop dedicated training sessions on project implementation, financing schemes, legal responsibilities, technical topics, etc. Aim of these tools is to help communities 'members develop their skills and gain more autonomy. Public bodies should be also targeted through these sessions, so that they can support more easily the emerging projects.
- **networking services:** the OSS plans to host networking events at different geographical scales so that people can share their experience and improve the development of their projects. Networking is essential to create some links between local stakeholders and create synergies between citizens, companies and municipalities.
- **project development assistance:** the OSS is expected to develop technical tools to provide assistance on legal contracts, business plans, technical sizing of RES plants, etc. This assistance can be developed either internally or through external expertise.
- **Aggregation of projects and/or support to commercialization:** this range of services covers all the services that can be shared and collectively negotiated by energy communities such as policy insurances, bank partnerships, accounting services, equipment providers, etc.)
- **assistance to policy development:** the OSS should monitor the gaps in the policy framework and be able to formulate pleadings for the evolution of e.g. assessing regional needs, benchmarking with other regions/countries, policy recommendations)

The following pages provide a descriptive sheet for each service according to each of the 6 categories. A summary of the service deployment schedule is given at the end.

Services: awareness raising, facilitation and communication

Nb of service	AWAR-1				
Name of service	OSS web portal				
Date of implementation (planned or already issued)	2024				
Type of service	Communication / Information				
Useful during phase	☐ <u>emergence</u>	☐ <u>development</u>	☐ <u>realization</u>	☐ <u>operation</u>	
Description	A specific section on the Infoenergia website, the provincial official website regarding energy, is dedicated only to Renewable Energy Communities and collective self-consumption, becoming the official OSS portal for RECs in the province. On these pages, all the basic information is reported to explain to citizens what a REC is, how it works in reality, and what are the economic and environmental advantages. A very simple language is used so everyone can understand, even people who don't know anything about the energy market. Here, citizens can find the answers to the most common doubts of the population, like "how much does it cost to enter a community?" or "do I need to install solar panels on my personal roof?". Through accessing the website page, it is possible to learn step by step how the various self-consumption and renewable energy sharing configurations active in Italian legislation work. With regard to renewable energy communities, the exchange mechanisms, tariff calculation, and current legislation are explained step by step. The website is the first point of contact for the public, so the operators keep it constantly updated with the last news about the national laws and the provincial financial contributions. In addition, the website gradually offers more specific material thought for experts. Professionals can find deeper information, technical documents, and correct legal references to help them in the project design. Moreover, materials for municipalities cover all the doubts regarding the different possibilities for a public administration. In order to allow a direct contact, there is the "contacts" section in which everyone can both ask direct questions and request to be contacted to deepen the issues.				
Resources used to develop the services	Internal expertise PAT-APRIE technical expertise External expertise National Stakeholders contacts				
Availability	Web link: https://infoenergia.provincia.tn.it/Autoconsumo-diffuso/Comunita-di-energia-rinnovabile Free				
Update procedure	The service will be updated when there are regulatory updates o new documents available				

Nb of service	AWAR-2							
Name of service	Public informative meetings and webinars							
Date of implementation (planned or already issued)	2024							
Type of service	Events / Capacity building							
Useful during phase		<u>emergence</u>		<u>development</u>		<u>realization</u>		<u>operation</u>
Description	Reading a website is not always enough to convince people to participate in a new project. For this reason, the agency organized public meetings directly in the municipalities of the Trentino territory. The experts went to the different villages and talk face to face with the citizens, the local associations, and the mayors. During these evenings, they explained the practical steps to create a community and presented some positive examples of RECs that already work well. For the people who cannot come in person, online webinars were also organized so they can follow from home. During both the webinars and the live meetings, there were always an open discussion at the end, where people could raise their hand and ask specific questions. This direct human dialogue is very important to remove the initial fears and build enthusiasm.							
Resources used to develop the services	Internal expertise PAT-APRIE technical expertise External expertise National Stakeholders contacts							
Availability	Web link: https://infoenergia.provincia.tn.it/Autoconsumo-diffuso/Comunita-di-energia-rinnovabile Using the contact point for require on person meeting/activities Free							
Update procedure	The service is always available when required							

Nb of service	AWAR-3							
Name of service	Practical guidelines and infographics							
Date of implementation (planned or already issued)	2024							
Type of service	Information / Communication tools							
Useful during phase	☐	<u>emergence</u>	☐	<u>development</u>	☐	<u>realization</u>	☐	<u>operation</u>
Description	To make the communication even more effective, the project realized some practical materials that people can download or watch easily from their computers and smartphones. First, a short presentation was written, that explains the path to start an energy community in a few simple steps. The guide was distributed to the organizing bodies and allowed to be distributed through their channels. Second, the team produced some infographics, that are very popular today and are very useful to explain difficult things in a clear manner. Giving the citizens different types of materials (text, images, helps the initiative to reach a bigger number of persons and different age groups.							

Resources used to develop the services	Internal expertise PAT-APRIE technical expertise
Availability	Web link: https://infoenergia.provincia.tn.it/Autoconsumo-diffuso/Comunita-di-energia-rinnovabile Free
Update procedure	The service will be updated when there are regulatory updates o new documents available

Services: capacity building of energy communities and/or local public authorities

Nb of service	CAPA-1				
Name of service	Guidelines for municipalities				
Date of implementation (planned or already issued)	2024				
Type of service	Capacity building / Institutional guidelines				
Useful during phase	☐ emergence	☐ development	☐ realization	☐ operation	
Description	The project created a specific technical guideline dedicated specifically to the municipalities and the local authorities. This document is very important because a public administration has to respect strict public laws when it decides to enter into a private legal entity like an energy community. The guide was written together with the Consortium of Trentino Municipalities (Consorzio dei Comuni Trentini) to give clear answers to the mayors and the public technicians. Inside the manual, the experts explain the different roles that a municipality can play in the project. For example, a town can decide to just offer the roof of a public building (like a school or a warehouse) to install the solar panels, asking for a rent or giving it for free, without entering the community. Alternatively, the municipality can be the main promoter and participate directly as a standard member. The document helps the public staff to understand the best legal form to choose for the new configuration, for example a recognized association, a cooperative, or a foundation. Furthermore, the guide explains how to respect the limit of the primary electrical substation and how to use the economic revenues of the community for social and public purposes, for example to reduce the energetic poverty in the village. In this way, the local authorities have a clear and safe path to follow and avoid bureaucratic mistakes during the constitution phase.				
Resources used to develop the services	Internal expertise PAT-APRIE technical expertise External expertise Consorzio dei Comuni Trentini				
Availability	Web link: https://infoenergia.provincia.tn.it/Autoconsumo-diffuso/Comunita-di-energia-rinnovabile/Linee-guida-per-i-comuni Free				
Update procedure	The page was update when changed the regulation and when GSE published their guidelines.				

Nb of service	CAPA-2
Name of service	Technical documents and territorial simulations
Date of implementation (planned or already issued)	2024

Type of service	Technical assistance / Open data				
Useful during phase	☐ <u>emergence</u>	☐ <u>development</u>	☐ <u>realization</u>	☐ <u>operation</u>	
Description	On the Infoenergia website, the project offers a specific section to download advanced technical papers. This material is very useful for professionals, engineers, and public administrators who need to study the real feasibility of a project before taking official decisions. The first group of documents includes REC simulations based exactly on the Trentino territory. Because Trentino is a mountain province, the sun exposure, the shadows, and the temperatures are different from other parts of Italy. The model used offers more accurate energy production of the solar panels in the local valleys to give exact numbers to the technical designers. Another very important tool is the collection of REC-based business plan simulations. When a group of citizens or a municipality wants to start a community, the first problem is always to calculate the money. These documents show realistic examples of the costs, like the price to buy the photovoltaic panels, the annual maintenance, and the time needed to return from the initial investment. In this way, the promoters do not have to invent a financial plan from zero. Finally, the portal provides specific simulations on the photovoltaic potential and the suitable areas. In our territory, it is fundamental to protect the landscape and not to consume the agricultural land. For this reason, these technical papers explain how to find the best existing places to install the plants, for example calculating the potential of the large roofs of the public schools, the industrial warehouses, or the covers of the public parkings.				
Resources used to develop the services	Internal expertise PAT-APRIE technical expertise External expertise University of Trento, DICAM department FBK 3dom unit Cassa del Trentino				
Availability	Web link: https://infoenergia.provincia.tn.it/Autoconsumo-diffuso/Comunita-di-energia-rinnovabile/Cosa-fa-la-Provincia-autonoma-di-Trento				
Update procedure	The page will be update when necessary				

Nb of service	CAPA-3				
Name of service	Training meetings for professional associations and schools				
Date of implementation (planned or already issued)					
Type of service	Capacity building / Training				
Useful during phase	☐ <u>emergence</u>	☐ <u>development</u>	☐ <u>realization</u>	☐ <u>operation</u>	
Description	To build a successful energy community, it is necessary to have competent professionals on the territory. For this reason, the project organizes specific training meetings with the professional associations and trade unions, like the surveyors, the local artisans, and the commerce associations (Confcommercio). First, when a citizen or a shop owner wants to put solar panels on his roof, he usually calls a local artisan or a surveyor. If these professionals know exactly how a REC works, they can propose the idea directly to their clients. Second,				

	also the professional associations thought if they could start a REC for their associated. During these meetings, the staff explains the technical rules, the bureaucratic steps, and the economic advantages for the small businesses. In this way, the local workers become active promoters of the communities. Another very important action is dedicated to the public schools. The project staff visits some local institutes and the high schools to talk with the teachers and in some cases also with young students. The teachers were interested in involving the institute and the family of the student in a CER. The students are the citizens and the technicians of tomorrow, so they need to understand the concept of energy sharing and the importance of renewable sources to protect the environment. Involving the schools is a great strategy because the students go back home and talk about the energy communities with their parents. This helps to bring the information directly into the families, creating curiosity and removing the diffidence towards the new energetic configurations.
Resources used to develop the services	Internal expertise PAT-APRIE technical expertise External expertise
Availability	Web link: https://infoenergia.provincia.tn.it/Autoconsumo-diffuso/Comunita-di-energia-rinnovabile/Cosa-fa-la-Provincia-autonoma-di-Trento
Update procedure	The page will be update when necessary

Services: networking services

Nb of service	NETWORK-1							
Name of service	Regional map of Existing RECS							
Date of implementation (planned or already issued)	2025 (implemented by end 2026)							
Type of service	Map/table							
Useful during phase		emergence		development		realization		<u>operation</u>
Description	Through a dedicated page on our website, an interactive map and a table with the contacts of all the existing energy communities in the Trentino province is available. This is very important because users, citizens, and municipalities can see if there is already an active or formal initiative near them. If they find one, they can contact the managers and ask to join, instead of creating a new community from zero. This service helps to create a strong network between the local actors. The page is updated continuously using the information received directly from the communities. In addition to the online map, annual events and workshops are offered. During these events, the representatives of the different communities can meet in person, share their practical experience, and discuss the common problems they face in their daily operations. Networking is essential to build trust and find common solutions.							
Resources used to develop the services	Internal expertise PAT-APRIE technical expertise External expertise Volunteers of existing RECs							
Availability	Web link: https://infoenergia.provincia.tn.it/Autoconsumo-diffuso/Comunita-di-energia-rinnovabile/Mappa-delle-comunita-energetiche-esistenti Free							
Update procedure	The page will be update when necessary or when someone ask to be included							

Nb of service	NETWORK-2							
Name of service	Contact point for direct support for municipalities with Consortium of municipalities							
Date of implementation (planned or already issued)	2025							
Type of service	Technical assistance / Direct accompaniment							
Useful during phase	☐	<u>emergence</u>	☐	<u>development</u>	☐	<u>realization</u>	☐	<u>operation</u>
Description	The project makes available a direct contact with the Consortium of Trentino Municipalities to support the local public entities. When a municipality wants to join a renewable energy community or wants to give support to existing and							

	nascent initiatives on its territory, the mayors and the public technicians often need specific and customized help. For this reason, one of the most important services offered is the possibility to directly contact the Consortium of Trentino Municipalities, which can offer specific help. Through this service, the representatives of the local administrations can book an appointment and go in person to the office to speak face to face with the legal and technical experts. This provides a very practical accompaniment step by step. The experts can help the municipal staff to write the correct official documents, like the public resolutions of the city council, and find the best way to respect the strict rules of the public administration. Giving a physical place where the public administrators can sit at a table, show their papers, and discuss the specific problems of their village is much more effective than just reading a manual online. This direct human contact gives the municipalities the necessary safety to proceed with the projects.
Resources used to develop the services	Internal expertise PAT-APRIE technical expertise External expertise Technical expertise of consortium of municipalities Single expertise in municipalities
Availability	Web link: https://infoenergia.provincia.tn.it/Autoconsumo-diffuso/Comunita-di-energia-rinnovabile/Consorzio-dei-comuni-trentini On demand Free
Update procedure	The page is a contact point, update in case of changing

Nb of service	NETWORK-3				
Name of service	Contact point for direct support for cooperative development with Federation of cooperatives				
Date of implementation (planned or already issued)	2025				
Type of service	Technical assistance / Direct accompaniment				
Useful during phase	☐ <u>emergence</u>	☐ <u>development</u>	☐ <u>realization</u>	☐ <u>operation</u>	
Description	The cooperative model is very historic and deeply rooted in the Trentino territory. For this reason, many groups of citizens and small enterprises want to create their renewable energy community using this specific legal form, which is perfect to guarantee the democratic participation of all the members. To support the individuals who intend to develop a CER in a cooperative form, the OSS offers a direct contact with the experts from the Federation of Cooperatives (Federazione Trentina della Cooperazione). This service is rendered in a physical form to give the maximum security to the promoters. The users can book an appointment and go to a real office to speak face to face with the specialized personnel. During these meetings, the experts offer practical support and useful resources for the development of specific initiatives. For example, they explain how to collect the necessary number of founding members, how to write the correct cooperative statute, and how to manage the economic shares. Opening a cooperative from zero can be difficult for normal people who do not know the commercial laws, so having a physical counter where they can ask direct questions and receive a continuous				

	accompaniment is fundamental to transform a good idea into a real and active project.
Resources used to develop the services	Internal expertise PAT-APRIE technical expertise External expertise Technical expertise of Federation of Cooperatives
Availability	Web link: https://infoenergia.provincia.tn.it/Autoconsumo-diffuso/Comunita-di-energia-rinnovabile/Federazione-trentina-delle-cooperative On demand Free
Update procedure	The page is only a contact point

Nb of service	NETWORK-4				
Name of service	Perimeter map of primary cabins and active configurations				
Date of implementation (planned or already issued)	2024				
Type of service	Map/technical tool				
Useful during phase	☐	☒ <u>emergence</u>	☐	☒ <u>development</u>	☐ <u>realization</u>
Description	A map provided by GSE (the national manager of energy services) has been linked directly on the OSS website. This map clearly shows the exact perimeter of the primary substations across the territory. In the Italian law, knowing this perimeter is fundamental to start a project. In fact, to share the renewable energy and receive the economic incentives, all the members of a Renewable Energy Community must be connected to the same primary substation. Thanks to this tool, the people or the municipalities that are building a new energy community can easily check the area where their configuration can operate. They just need to look at the map to see if two different buildings or neighborhoods are in the same zone. This helps the promoters to avoid big mistakes at the beginning of the project design. At the same time, the link is very useful for citizens and small enterprises. By looking at the map and the information on the website, users can quickly know if there are already active energy communities in their living area. If a REC already exists near them, they can simply ask to enter as a consumer or a producer. This service saves a lot of time for everyone and prevents the creation of many small and weak communities in the same village, encouraging the union of the forces.				
Resources used to develop the services	Internal expertise PAT-APRIE technical expertise External expertise https://www.gse.it/servizi-per-te/autoconsumo/mappa-interattiva-delle-cabine-primarie				
Availability	Web link: https://infoenergia.provincia.tn.it/Autoconsumo-diffuso/Comunita-di-energia-rinnovabile/Il-territorio-e-la-mappa-delle-cabine-primarie Free				
Update procedure	The service will be updated when there are regulatory updates				

Nb of service	NETWORK-5
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Name of service	Annual meeting to share experiences (Symposium)							
Date of implementation (planned or already issued)	2025							
Type of service	Networking / Event							
Useful during phase		emergence		development		realization		<u>operation</u>
Description	Starting from the end of 2025, the project has decided to organize a big annual meeting, called Symposium, dedicated to all the energy communities in the Trentino territory. This physical event is very important because after a community is born, the managers and the citizens can feel alone against the daily difficulties. During the symposium, the presidents of the RECs, the technical operators, and the simple members sit in the same room and share their practical experiences. For example, they can talk about how they solved a bureaucratic problem with the network operator, how they do the maintenance of the solar panels on the roofs, or what is the best rule to divide the economic incentives between the families. The first event included a brief presentation of the RECs participating and an open discussion where everybody could ask questions and share experiences. Giving to these people the possibility to speak face to face is fundamental to prevent the same mistakes. If a community in a village found a good and easy solution for a common problem, the others can simply copy it instead of starting from zero. Furthermore, this annual symposium creates a strong human network and a sense of belonging to a larger movement that works together to protect the environment of our mountains and improve the local economy.							
Resources used to develop the services	Internal expertise PAT-APRIE technical expertise							
Availability	By direct invitation as speakers for existing REC, free for public or not known initiatives							
Update procedure	The service will be replicated almost once upon a time for year							

Services: project development assistance

Nb of service	DEV-1				
Name of service	Financial funds overview				
Date of implementation (planned or already issued)	2025 (in development)				
Type of service	Financial information / Support				
Useful during phase	☐ emergence	☒ development	☐ realization	☐ operation	
Description	Finding the money to buy and build the renewable energy production facilities is always one of the biggest problems for a new community. To help the local promoters, a specific section with an overview of the financial funds is made available through the OSS site. Because the OSS is an institutional and public service, it is not possible by law to put direct references to private funders, like specific commercial banks or private investment funds, to maintain absolute neutrality. For this reason, this section is entirely dedicated to the public funding. Inside the page, the operators insert the guidance and the useful contacts to understand how to ask for the state money. For example, a very important part is dedicated to the national funds of the PNRR (National Recovery and Resilience Plan), which gave a big economic contribution to the municipalities with less than 5.000 inhabitants. The page offers a clear summary of the active public calls, explaining the deadlines and the necessary documents to present the request. Because the public funding opportunities change very frequently, this section is constantly under development and updated with the last news.				
Resources used to develop the services	Internal expertise PAT-APRIE technical expertise External expertise Contact with GSE and other financial entities				
Availability	Web link: https://infoenergia.provincia.tn.it/Autoconsumo-diffuso/Comunita-di-energia-rinnovabile/Finanziamento-degli-impianti https://infoenergia.provincia.tn.it/Autoconsumo-diffuso/Comunita-di-energia-rinnovabile/Fondi-PNRR				
Update procedure	Updated when necessary				

Nb of service	DEV-2				
Name of service	Business plan				
Date of implementation (planned or already issued)	2025				
Type of service	Technical assistance / Financial evaluation				
Useful during phase	☐ emergence	☒ development	☐ realization	☐ operation	
Description	The project offers a direct support to evaluate the technical and financial sustainability of a new initiative. Writing a correct business plan is essential to understand if the project is solid.				

	In particular, the experts help the public users to calculate the share of the public funding received and the real impact of these contributions on the final tariff, according to the strict national operating rules. Among other, if a PV is build with the aid of the public money (like the PNRR funds), the State incentive for the shared energy is calculated in a different way. To do this evaluation, the staff uses a specific calculation tool created with in-house expertise. Considering that this tool is particularly complex to use, the project decided to keep this service strictly "over-the-counter" and dedicated only to these particular users. There is also another important reason for this choice: in the market, there are many private economic operators and consultants that offer this business plan service for a fee. The public agency does not want to create an unfair competition against the private workers. However, the basic simulations and the standard technical reports remain always of free use for everybody directly on the website.
Resources used to develop the services	Internal expertise PAT-APRIE technical expertise External expertise Cassa del Trentino
Availability	On demand
Update procedure	Updated when necessary

Nb of service	DEV-3				
Name of service	Interactive Solar Webgis and photovoltaic potential map				
Date of implementation (planned or already issued)	2025				
Type of service	webtools				
Useful during phase	☐ <u>emergence</u>	☐ <u>development</u>	☐ <u>realization</u>	☐ <u>operation</u>	
Description	To help the citizens and the public administrators to find the best places for the solar panels, the project published a specific interactive map on a transversal WebGIS. This geographic tool gives a clear indication of the potential of photovoltaic production for each square meter of the region. The mechanism is very simple and everyone can use it. A user can open the website, look at his village from above, and simply draw a shape with the mouse directly on his house roof, on a public school, or on an industrial warehouse. After closing the shape, the system automatically calculates the data and lets the user know exactly how many kilowatts of solar power could be installed in that specific area. Furthermore, the map is very useful because it shows clearly the suitable and the unsuitable areas. In a mountain region like Trentino, the natural landscape is very important and there are many protected zones. The WebGIS helps the users and the technical designers to see immediately if a piece of land is good for the photovoltaic installation or if it is protected by the environmental and urban laws. This avoids the consumption of the agricultural land and prevents big errors at the beginning of the project. Giving this tool for free allows the citizens to make a very precise first check before spending money to call an external private professional.				

Resources used to develop the services	Internal expertise PAT-APRIE technical expertise External expertise FBK 3dom
Availability	https://infoenergia.provincia.tn.it/Produzione-energia/Potenziale-fotovoltaico-della-provincia-di-Trento free
Update procedure	Updated when necessary

Nb of service	DEV-4				
Name of service	incentive simulation tool				
Date of implementation (planned or already issued)	2024				
Type of service	Web tool				
Useful during phase	☐ emergence	☐ development	☐ realization	☐ operation	
Description	On the website, the project makes available two existing tools provided free of charge by GSE and ENEA to calculate the incentive forecast that a CER (Renewable Energy Community) can obtain. This service is very important because the first question of citizens, small enterprises, and municipalities is always about the economic feasibility. Before starting a real project, they want to know if the initial investment to build the solar plants makes sense. By inputting the estimated installer power and the consumption data, these tools make it possible to give a clear indication of the expected income. In practice, the users or the technical designers can insert specific parameters into the software, for example the size of the photovoltaic plant in kW and the daily energy consumption profile of the families or the public buildings involved in the community. After putting these numbers, the simulators automatically calculate how much energy will be shared virtually and what will be the economic incentive guaranteed by the State for the next 20 years. In this way, the promoters of the community can use the expected income to write a correct and realistic business plan before spending real money. Providing the direct access to these free official simulators helps the local projects to be more solid, without the immediate need to pay an expensive private consultant for the very first financial evaluation.				
Resources used to develop the services	Internal expertise PAT-APRIE technical expertise External expertise GSE Tool ENEA Recon Tool				
Availability	Web link https://infoenergia.provincia.tn.it/Autoconsumo-diffuso/Comunita-di-energia-rinnovabile/Fai-una-simulazione Free				
Update procedure	Updated when necessary				

Services: Aggregation of projects and/or support to commercialization

Nb of service	AGGREG-1				
Name of service	Matchmaking events between RECs				
Date of implementation (planned or already issued)					
Type of service	Promotional materials				
Useful during phase	☐ emergence	☐ development	☐ realization	☐ <u>operation</u>	
Description	In addition to the big annual symposium, the project organizes specific matchmaking events to aggregate the different Renewable Energy Communities of the territory. For example, the staff promotes direct meetings between the different RECs that operate under the same primary electrical cabin. This aggregation is very useful because these near communities can collaborate and unite their forces to have more power on the market. Instead of doing the same things alone, they can share the same local suppliers for the technical materials, the solar panels, or the maintenance services. Moreover, in some cases some CERs feel threatened by the other CERs on the same territory, and these meetings helped to find the common ground and to identify a collaboration instead of a competition. During these specific events, the experts also take the time to explain difficult administrative topics, like the economic and financial plan. Sitting at the same table, the promoters of the different communities can look at the numbers together, understand the real costs, and build common financial strategies. These meetings are fundamental to aggregate the small local projects into bigger groups. This helps the communities to save money, find common commercial agreements, and avoid the competition to find the same public roofs or the same energy consumers in the exact same village.				
Resources used to develop the services	Internal expertise PAT APRIE technical expertise External expertise RECs people				
Availability	By invitation/request				
Update procedure	Service on demand, realized when necessary				

Services : assistance to policy development

Nb of service	POLICY-1				
Name of service	Network with national and international Stakeholders				
Date of implementation (planned or already issued)	2025				
Type of service	Networking activities				
Useful during phase	x	<u>emergence</u>	x	<u>development</u>	x <u>realization</u> x <u>operation</u>
Description	The Trentino territory is small, so it is very important for the local energy communities not to remain isolated. For this reason, the project creates a strong network with national and international stakeholders. At the national level, the staff maintains direct contacts with important public institutions, like the energy ministries, and with the national environmental associations. This is very useful to understand the new laws before they are published and to ask for direct clarifications about the strict bureaucratic rules. From the Italian side, the OSS is part of some national network. Pat is member of ifec (italian Forum of energy communities) and as member of RENAEL (Italian network of local energy agency) is part of RENOSS project (italian network of One Stop Shops). This network is organizing periodical event of exchange of experiences, formation, meeting with institutions who manage the national law and more useful tools. At the international level, PAT participates in European projects and working groups with other regions in Europe, and it is a member of FEDARENE network. This allows the local experts to see what the other countries are doing with the renewable energy sharing. For example, they can discover new technologies or different ways to involve the citizens in the energy transition. Participating in these big networks brings a lot of advantages. It helps the office to intercept new European funds for the local territory and gives a lot of visibility to the best Trentino projects, showing their good practical results outside the regional borders.				
Resources used to develop the services	Internal expertise PAT APRIE technical expertise External expertise Partner ECOEMPOWER				
Availability	https://infoenergia.provincia.tn.it/Autoconsumo-diffuso/Comunita-di-energia-rinnovabile/Il-progetto-europeo-Ecoempower Free				
Update procedure	Every year				

Nb of service	POLICY-2
Name of service	Provincial formal list of RECs and policy development tables
Date of implementation (planned or already issued)	2024
Type of service	Policy assistance / Institutional participation

Useful during phase	emergence	development	realization	operation
Description	In the Trentino region, a specific provincial law established the creation of an official list of the active Renewable Energy Communities. To facilitate this process, the OSS page makes available all the necessary registration documents and the public list itself. In this way, the promoters of a community can easily download the forms, fill them, and send them to the public offices without losing time. The public list is also useful to show to everybody how the movement of the RECs is growing in the region. However, this list is not just a simple bureaucratic register. By law, the members of the enrolled communities are officially involved in participating in the regional energy policy development tables. This is a huge advantage. It means that the representatives of the local RECs are periodically invited to sit at the same table with the politicians and the public administrators. During these official meetings, they can explain the practical problems they see every day, propose solutions, and give their advice. This service guarantees that the normal citizens have a direct voice to shape the future energy laws of the territory.			
Resources used to develop the services	Internal expertise PAT-APRIE technical expertise External expertise			
Availability	Web link https://infoenergia.provincia.tn.it/Autoconsumo-diffuso/Comunita-di-energia-rinnovabile/Elenco-provinciale-delle-Comunita-energetiche-rinnovabili Free			
Update procedure	Every three months			

Nb of service	POLICY-3							
Name of service	Monitoring the regional data for the provincial environmental and energy plan (PEAP)							
Date of implementation (planned or already issued)	2022							
Type of service	Policy assistance / Data monitoring							
Useful during phase		emergence		development		realization		<u>operation</u>
Description	The province of Trentino has an official document called PEAP (Provincial Environmental and Energy Plan) for the years 2021-2030. This plan dictates the strategic objectives to reduce the pollution and increase the renewable energy sources on the territory. RECs are one of the 12 strategies individuated in the Plan, which highlights the importance that the Province gives to these entities. To understand if the province is doing a good job, the project does a constant monitoring of the regional data. Every year, the staff collects the numbers from the active Renewable Energy Communities. For example, the operators register how many kilowatts of clean energy are produced, how much energy is practically shared between the citizens, and how many tons of carbon dioxide are saved. After collecting all these data, the experts compare the real results with the theoretical goals written in the PEAP. This service of data monitoring is fundamental for the local policy makers. In fact, if the data show that the growth of the energy communities is too slow, the public administration can							

	decide to intervene quickly. They can write new local policies, simplify the provincial bureaucracy, or put more public money in the regional funds to help the new projects and reach the final climate objectives before the year 2030.
Resources used to develop the services	Internal expertise PAT-APRIE technical expertise
Availability	Web link https://www.provincia.tn.it/Amministrazione/Documenti/Piano-Energetico-Ambientale-Provinciale-2021-2030 Free
Update procedure	Every two years

SYNTHETIC SCHEDULE

DATE	NUMBER	NAME
2024	AWAR-1	OSS web portal
2024	AWAR-2	Public informative meetings and webinars
2024	AWAR-3	Practical guidelines and infographics
2024	CAPA-1	Guidelines for municipalities
2024	CAPA-2	Technical papers and territorial simulations
	CAPA-3	Training meetings for professional associations and schools
2025	NETWORK-1	Regional map of existing RECs
2025	NETWORK-2	Contact point for direct support for municipalities with consortium of municipalities
2025	NETWORK-3	Contact point for direct support for cooperative development with Federation of cooperatives
2024	NETWORK-4	Perimeter map of primary cabins and active configurations
2025	NETWORK-5	Annual meeting to share experiences (Symposium)
2025	DEV-1	Financial funds overview
2025	DEV-2	Business plan
2023	DEV-3	Solar webgis
2024	DEV-4	Incentive simulation tool
	AGGREG-1	Matchmaking events between the RECs
2025	POLICY-1	Network with national and international stakeholders
2024	POLICY-2	Provincial formal list of RECs and policy development tables
2022	POLICY-3	Monitoring the regional data for the provincial environmental and energy plan (PEAP)

Sustainability of the OSS

Please describe here the main resources that you plan to mobilize to enable the sustainability of the OSS, at least during the next 5 years after the end of ECOEMPOWER.

This description has to be consistent with the resources you already identified for the development and maintenance of each service, as listed above.

Be precise on the resources you need to run the OSS (number of staff hours, external expertise costs, dedicated skills, investment costs, etc.) and the fundings you identify to cover them.

To guarantee the sustainability of the OSS for the next five years after the end of the ECOEMPOWER project, the strategy is based on the optimization of the existing public resources and the creation of local institutional synergies. At the moment, there are no special external funds required to keep the structure alive, because the services are integrated into the normal activities of the public administration. For the next two years after ECOEMPOWER, we are joining the RENOSS project, a national project which is building a network of existing local OSS on the national side.

1. Internal staff and personnel costs Since the OSS is managed directly by a public administration, the dedication of internal staff is already a structural and long-term form of financing. Currently, there are two or three public employees inside the provincial agency who work on the Renewable Energy Communities (RECs). They do not work on this topic full time, but they dedicate a stable number of hours every week to maintain the website, manage the physical counters, and answer the citizens. Their salaries are already covered by the standard public budget, so the structural cost to run the OSS is completely sustainable for the next five years.

2. External expertise and specific skills To run the technical and legal services without spending new money, the OSS will maintain the stable collaboration with its institutional partners. The Consortium of Trentino Municipalities (Consorzio dei Comuni Trentini) and the Federation of Cooperatives (Federcoop) will continue to support the OSS in the future. They provide the necessary external expertise and the dedicated legal skills to help the public entities and the cooperative initiatives. This assistance is guaranteed through standard institutional agreements, so it does not require new direct investment costs for the OSS.

3. Future synergies for the investment costs (The BIMs municipal consortiums) Regarding the physical investment costs to build the renewable plants, the OSS does not give money directly, but it acts as a facilitator. In the near future, the public agency plans to establish a strong collaboration with the four "BIM's consortiums of municipalities" (Mountain Catchment Basins - *Bacino Imbrifero Montano*) of the Trentino territory. In the past, the BIMs have been the operative arm of the Province to distribute the public grants for the photovoltaic panels. A practical synergy is already starting: for example, the BIM Sarca recently decided to give the economic incentive for a new photovoltaic plant only if the owner officially joins a REC. This strategy forces the creation of new communities and provides the economic funds using existing local budgets.

4. Collaborations with the trade associations

Finally, the staff will evaluate new operational collaborations with the local category associations (*associazioni di categoria*). These associations represent the artisans, the shop owners, and the small enterprises. Working together with them is a zero-cost strategy to organize the informative events, distribute the guidelines, and reach a very large

number of potential new members on the regional territory.

5. Increasing effectiveness: An OSS driven by RECs

To ensure the sustainability of the One-Stop Shop and improve the effectiveness of the services provided, the idea is that as Renewable Energy Communities (RECs) emerge and consolidate, they will network to manage their own services. During the ECOEMPOWER project, this was not feasible because national regulations were still too new, and RECs had to focus on their own survival. Now, as larger initiatives consolidate, we are working to connect these RECs and strengthen them so that, within the next five years, they can take the reins of the OSS, with the PAT (Autonomous Province of Trento) remaining solely as a stakeholder rather than the service operator.

OSS'S SERVICES TESTED IN PILOT SITES

INTRODUCTION

Each OSS initiated within the ECOEMPOWER project has developed a roadmap of services describing the support to be provided to energy communities during the project lifespan until 5 years after its end. These services cover different categories listed below:

- awareness raising, facilitation and communication
- capacity building of energy communities and/or local public authorities
- networking services
- project development assistance
- Aggregation of projects and/or support to commercialization
- assistance to policy development

3 of these services have been tested in the pilot sites during the course of the project.

The present document aims at describing the way these 3 services were tested and the lessons that were learnt from that experience.

Description of the testing n°1

Name of service tested : DEV-3 and DEV 1-1

Category

- ☐ awareness raising, facilitation and communication
- ☐ capacity building of energy communities and/or local public authorities
- ☐ networking services
- ☒ project development assistance
- ☐ aggregation of projects and/or support to commercialization
- ☐ assistance to policy development

Date or period of testing : 2025

Name of site pilot concerned : Valle dei Laghi

Qualitative description :

The local energy community has been set up and has several members, but they were struggling to find suitable sites.

Using the provincial WebGIS tool provided by the Trentino One Stop Shop, a number of areas that could be used for this purpose were assessed.

At the same time, information has been made available on the provincial infoenergia portal regarding businesses that have recently received a 40% non-repayable grant to install systems, on the condition that they make them available to a local energy community.

Unfortunately, the search was unsuccessful. As for suitable sites, the available ones did not receive sufficient sunlight, whilst the sunny ones were located in planning zones that were difficult to navigate. As for rooftop installations, the companies that had applied for the grant opted for 'net metering', a system that is not compatible with RECs; consequently, the few that existed were not eligible.

Quantitative description (key figures)

At the request of the Energy Community, the following sites were inspected:

- Lake S. Massenza, to assess the feasibility of a floating PV installation; this site is unsuitable under Trentino regulations
- a landfill site near the municipality of Madruzzo, regarding which no agreement could be reached with the local council
- an agricultural area for the installation of approximately 100 kW of agrivoltaics, but no action has yet been taken due to a lack of regional regulations
- a cement production plant. The idea was to proceed with the redevelopment of the building as part of a land-use compensation scheme, but the owners (a large company) were not open to reaching an agreement on the matter.

Lessons learnt

What feedback did the beneficiaries of the service give on the service tested?

The beneficiaries were very pleased with the service; in particular, the WebGIS provides a clear overview of the potential for photovoltaic installations and helps identify suitable areas and other specific constraints on the site. With regard to the list of funded installations, it was found useful to have the list organised by main substation, making it easier to locate installations within the boundaries of the CER.

Do you intend to replicate this service exactly in the same way or do you plan to modify some parts of it? If yes, describe the modifications which will be implemented.

Having tested the two services, we felt it would be useful to implement two improvements:

- With regard to the web GIS, it would be useful to include the boundaries of the primary substations; we are therefore requesting the relevant data from the GSE
- Regarding the list of subsidies, we believe it would be useful to update the list to include those introduced following the change in national regulations and the phasing out of the 'net metering' scheme. We are working to overcome certain obstacles related to the GDPR.

Description of the testing n°2

Name of service tested : CAPA1- DEV-2

Category

- ☐ awareness raising, facilitation and communication
- ☒ capacity building of energy communities and/or local public authorities
- ☐ networking services
- ☒ project development assistance
- ☐ aggregation of projects and/or support to commercialization
- ☐ assistance to policy development

Date or period of testing : 2024-2026

Name of site pilot concerned : Levico Terme

Qualitative description :

In the municipality of Levico Terme, we assisted the local council in selecting the best approach to energy sharing in order to achieve its stated objective.
We therefore drew on the guidelines for local authorities, which enabled us to gain an overview of the various options available to a public body under Italian law.
This served to clarify the situation and identify the most effective solution for the administration – not to establish an energy community, but to set up an exchange arrangement elsewhere via the grid.
In this context, the sustainability business plan for a plant set up by an energy community was also tested. This tool was examined in detail together with local RECs during a dedicated workshop.

Quantitative description (key figures)

From a technical perspective, we opted for the most efficient solution for the local council, without placing an excessive burden on the community. Indeed, we took into account the fact that there were other energy communities in the area that might be of interest to residents. Given the lengthy decision-making processes within the public sector, this approach enabled us to make choices that were effectively tailored to the objective.

Lessons learnt

What feedback did the beneficiaries of the service give on the service tested?

We have learnt that the mechanisms are not always clear, particularly when different stakeholders are involved, and that specific support is needed for local authorities, which do not have extensive expertise in specific areas.

Do you intend to replicate this service exactly in the same way or do you plan to modify some parts of it? If yes, describe the modifications which will be implemented.

Over time, our guidelines have been updated and gradually supplemented by national guidelines and the experience of public bodies that have since addressed this issue.

With regard to the business model, we are currently working on revising the section relating to indirect and management costs in particular.

Description of the testing n°3

Name of service tested : AWAR-1, CAPA-2

Category

- ☒ awareness raising, facilitation and communication
- ☐ capacity building of energy communities and/or local public authorities
- ☐ networking services
- ☒ project development assistance
- ☐ aggregation of projects and/or support to commercialization
- ☐ assistance to policy development

Date or period of testing : 2024-2026

Name of site pilot concerned : Val di Fassa

Qualitative description:

As part of an inter-school competition, pupils at the Ladin School in Fassa developed a project to set up an energy community centred on the school, which would also involve the Fassa nursery school. The idea gave rise to a network supported by the local electricity consortium, which provided the plant. At ECOEMPOWER, we provided support in validating the mechanism with an external producer, identifying the legal entity, drafting the Articles of Association and registering with the GSE portal.

Quantitative description (key figures)

The pilot site provided an explanation of how the scheme works, and the association's articles of association were drawn up using the support materials and expertise provided by the One Stop Shop.

Lessons learnt

What feedback did the beneficiaries of the service give on the service tested?

The beneficiary has realised that this is a complex issue requiring specific expertise, which the network of stakeholders is able to provide

Do you intend to replicate this service exactly in the same way or do you plan to modify some parts of it? If yes, describe the modifications which will be implemented.

It is not possible to standardise the approach, but it is necessary to provide a range of options that can then be combined on a case-by-case basis

REGIONAL ECOSYSTEM: EZA!

Introduction

This service roadmap has been worked out within the framework of ECOEMPOWER project. It is straightly linked to the strategic plan which has been set up to develop a regional One-Stop Shop (OSS) for energy communities.

The OSS is available at the web link:

<https://www.eza-allgaeu.de/kommunen/energiegemeinschaften>

Aim of this roadmap is to describe which services will be proposed to the energy communities until 2031 to give more visibility to the OSS uptake.

This document is the final version of the roadmap, based on the first draft provided in April 2025.

Typology of services

The service roadmap is built around different categories which are the following:

- **awareness raising, facilitation and communication:** the OSS will help people be more informed about energy communities, RES projects, legal context so that they can be guided in the emergence of local communities. Communication tools should also be developed to help energy communities target various stakeholders and invite them to join their initiative: citizens, municipalities, local companies, NGOs, etc.
- **capacity building of energy communities and/or local public authorities:** the OSS will develop dedicated training sessions on project implementation, financing schemes, legal responsibilities, technical topics, etc. Aim of these tools is to help communities 'members develop their skills and gain more autonomy. Public bodies should be also targeted through these sessions, so that they can support more easily the emerging projects.
- **networking services:** the OSS plans to host networking events at different geographical scales so that people can share their experience and improve the development of their projects. Networking is essential to create some links between local stakeholders and create synergies between citizens, companies and municipalities.
- **project development assistance:** the OSS is expected to develop technical tools to provide assistance on legal contracts, business plans, technical sizing of RES plants, etc. This assistance can be developed either internally or through external expertise.
- **Aggregation of projects and/or support to commercialization:** this range of services covers all the services that can be shared and collectively negotiated by energy communities such as policy insurances, bank partnerships, accounting services, equipment providers, etc.)
- **assistance to policy development:** the OSS should monitor the gaps in the policy framework and be able to formulate pleadings for the evolution of e.g. assessing regional needs, benchmarking with other regions/countries, policy recommendations)

The following pages provide a descriptive sheet for each service according to each of the 6 categories. A summary of the service deployment schedule is given at the end.

Services: awareness raising, facilitation and communication

Nb of service	AWAR-1				
Name of service	Events in municipalities to reach “out of the box” target groups				
Date of implementation (planned or already issued)	Implemented (February 26, May 2026, we plan to replicate this as often as asked for by municipalities)				
Type of service	Public campaigns in cities to make citizens aware of the possibilities of energy sharing and energy communities. This especially targets citizens who have not been in contact with such issues before.				
Useful during phase	x	emergence	x	development	x realization operation
Description	We want to offer municipalities to run campaigns in public making local citizen aware of the possibility of energy sharing. These events could be part of festivals, markets, etc. And we would like to use innovative methods such as solar parties, games, quizzes. We have tried some interventions such as the Pub Quiz and the involvement in a citizen festival (“Festival der Zukünfte”) to try how we can involve target groups “outside of the box”. We will offer this service especially to the municipalities we work with in other programs (30 municipalities). How many events we will be doing really depends on the number of orders we receive from municipalities as this will be an on-payment service after the project ends.				
Resources used to develop the services	Internal expertise: internal staff capacities of trained teams Coordination takes app. 20h, trained experts to give inputs on the date will be planned with 2-5h External expertise: We had the experience that it makes sense to collaborate with the structures in the city, such as: - cooperatives, local NGOs - local Pubs or Cafes In our case the cooperation was mutually beneficial and therefore there were no costs. We paid for transportation if the expert speakers needed it.				
Availability	Web link: https://www.eza-allgaeu.de/kommunen/energiegemeinschaften/ Free until the end of ECOEMPOWER, afterwards on payment				
Update procedure	We have a catalogue of interventions that we can run, depending on what we have already done (workshops, festival interventions, pub quiz). We will keep building this catalogue whenever we do another intervention.				

Nb of service	AWAR-2
Name of service	Consultations for private citizens

Date of implementation (planned or already issued)	Planned (Autumn/Winter 26)
Type of service	Private household/Citizen consultation
Useful during phase	☒ emergence ☐ development ☐ realization ☐ operation
Description	Within our existing consultations for private households we'd like to incorporate a service that raises awareness on the possibility of "Mieterstrom" (tenant electricity) and "Gemeinschaftliche Gebäudeversorgung" (shared building supply). Both are mechanisms of "sharing" electricity on the lowest level of grid supply. We will train internal staff on this topic (Summer - Autumn 2026) to include such information in our consultations for citizen.
Resources used to develop the services	Internal expertise: internal staff capacities of trained teams and more trained staff The preparation of a consultation takes 2h, the consultation 1h External expertise: We can rely on a network of eza! partners, such as "Lumitra" who is specialized in energy sharing for rented apartments. They will calculate their own costs; we can just connect people with them.
Availability	Web link: https://www.eza-allgaeu.de/kommunen/energiegemeinschaften/ Free until the end of ECOEMPOWER, afterwards on payment
Update procedure	Frequently, will be up-to-date with legal frameworks and adapted to local and national policies

Nb of service	AWAR-3
Name of service	Thermal heat plan awareness campaigns
Date of implementation (planned or already issued)	Already issued
Type of service	Awareness Campaign
Useful during phase	☐ emergence ☐ development ☐ realization ☒ operation
Description	To raise awareness for the importance of thermal heat plans we are doing awareness raising campaigns in municipalities, meaning workshops, events and spreading materials. Through ECOEMPOWER we now offer an additional service which is bringing community energy into those campaigns. Depending on the interested party (municipality or private actor) we co-organize a workshop for a neighborhood that is suitable for a community heat project to unite possible volunteers. We delivered one Workshop already (Pforzen, Allgäu) where the next step would be a trip to visit best-practices with the involved stakeholders. In another city (Kempten) we had one consulting meeting with the municipality about holding a workshop – unfortunately due to the regional elections this process was delayed. We will intensify our efforts in the coming months and years.
Resources used to develop the services	Internal expertise: Internal staff capacities
Availability	Web link: TBD

	Free until the end of ECOEMPOWER, afterwards on payment
Update procedure	Campaigns will be individualized for each municipality.

Services: capacity building of energy communities and/or local public authorities

Nb of service	CAPA-1
Name of service	Individual counselling service
Date of implementation (planned or already issued)	Already issued and will continue on demand
Type of service	Consultancy appointment
Useful during phase	x emergence x development realization operation
Description	We advise on specific financial, economic, social, legal, organizational or technical issues at an early stage in the development of an energy community or energy sharing project. The target groups are local authorities, companies and citizens. eza! researches the specific case, applies internal knowledge and networks and enables the recipient to take further steps based on the advice provided.
Resources used to develop the services	Internal expertise: Internal Staff Keeping the presentations and information up to date: 30h/year 12 consultations per year: 12h A template PPT is used for every workshop or consultation and we update it according to the specific questions of the consultee.
Availability	Web link: https://www.eza-allgaeu.de/kommunen/energiegemeinschaften Free for the duration of ECOEMPOWER Afterwards we will charge the consultees depending on the duration and detail of the consultation.
Update procedure	Updated individually for each consultation

Nb of service	CAPA-2							
Name of service	Online Learning courses							
Date of implementation (planned or already issued)	Jan 2027							
Type of service	Online course available for new energy communities. After implementation the course will be online indefinitely.							
Useful during phase	x	emergence		development		realization		operation
Description	We plan to develop an online learning course/academy with videos, running energy communities in our region through the steps to success. From ECOEMPOWER we know, getting all people up to speed in the technical specifics of an energy community and making basic knowledge accessible is majorly important. The online courses should be available in combination with a membership of the local energy community network.							
Resources used to develop the services	Internal staff capacities Financial resources: we might look into further funding opportunities (possibly local?) to finance this project. This is going to be a multi-disciplinary course needing all kinds of expertise that we'll have to pay for. External staff: We will capitalize on the network built up in ECOEMPOWER to showcase the expertise of the local stakeholders. We want to develop: - a course with 10 chapters (10 different speakers) each chapter will take app. 40h to develop (with research, video production & cutting) - setting up the online platform (external service provider): 20h - IT support 10h/year							
Availability	2027							
Update procedure	We will update online courses according to new regulations and laws.							

Nb of service	CAPA-3							
Name of service	ECOEMPOWER Whitebook adapted to our region							
Date of implementation (planned or already issued)	Aug 2026							
Type of service	We will adapt the ECOEMPOWER Whitebook to our local context and language to make it as accessible as possible. Especially the stories from the Whitebook will be used as best-practice through our energy agency to raise awareness and help people understand the background of citizen energy.							
Useful during phase	x	emergence	x	development		realization		operation
Description	The Whitebook in german language and context will be available as online version.							
Resources used to develop the services	Internal staff paid with ECOEMPOWER funding.							

Availability	August 2026
Update procedure	We will not update this document.

Services: networking services

Nb of service	NETWORK-1							
Name of service	Network of neighbouring cooperatives							
Date of implementation (planned or already issued)	Already issued and to be continued regularly							
Type of service	Series of networking events							
Useful during phase	x	emergence	x	development	x	realization	x	operation
Description	This service invites neighbouring cooperatives to exchange (Eppishausen and 10 km surrounding) and learn about specific topics and common challenges. Primarily emerging energy communities or interested groups are addressed here, as they particularly benefit from the experience. These events have been co-organised through eza!, Dorfenergie eG and BAUM consult. During ECOEMPOWER we will try and stabilize those meetings and possibly bring in more energy communities. Additionally, we promote the idea to other regions since we think this is a very helpful tool. To turn this into a recurring service where we would have to try and turn this into a membership network (see below). Throughout ECOEMPOWER we had the chance to connect the neighboring communities network to a local stakeholder, an umbrella organization that realizes renewable energy projects and cooperates closely with municipalities (Regionalwerk). We fostered the collaboration and possible involvement of the neighboring energy communities in new renewable energy projects. Using the networking events as a forum to invite possible collaborators seems like a very valuable add-on. At the moment app. 10-15 people from 5 energy communities attend these 3-hour evening events.							
Resources used to develop the services	Internal expertise: Internal staff capacities Organisation and facilitation 6h, happens 4-6 times a year; app. 40h/year External expertise: Experts, collaborators, Key personnel from the RECs Financing: This service will continue after the project, organised and facilitated by the neighbouring communities themselves.							
Availability	Web link: This service is spread via dedicated mail alert to the communities							
Update procedure	The agendas and methodologies will be fit to current happenings in national or local politics as well as needs within the energy communities.							

Nb of service	NETWORK-2
Name of service	Annual gathering of local citizen energy initiatives
Date of implementation (planned or already issued)	2027 (and then each year)
Type of service	Networking event

Useful during phase	x emergence development realization operation
Description	As part of the membership network and continuation of the “neighbouring cooperatives” meetings, we plan to organise an annual meeting for local energy communities in the Allgäu region. We want to focus very much on private-public partnerships and invite municipalities to join, since we see local policymakers as a major enabler for citizen energy. Much less a conference than a hands-on day on getting to brainstorm: much like a citizen energy hackathon. As we are so close to Austria we could imagine a border-crossing cooperation.
Resources used to develop the services	Internal expertise: Internal staff, possibly get funding though funding calls for the event. Time resources: 100h/year External expertise: Experts, Speakers, Facilitators and stakeholders from the RECs Speakers at the event: we will try and bring in volunteers or people paid on other contracts. If we have to pay a honorary, we'll do this for up to 5 people, we calculate 500€ per speaker.
Availability	Web link: to be updated The costs to attend will be staggered as a solidarity system: Young energy communities and citizens will pay a lower price, “grown” energy communities will have higher price categories. Members of the neighbouring energy communities network have a very small price to pay. Additionally we will look into funding opportunities for the event.
Update procedure	The agendas and methodologies will be fit to current happenings in national or local politics as well as needs within the energy communities

Nb of service	NETWORK-3
Name of service	Buddy programme for energy communities
Date of implementation (planned or already issued)	2027 and onwards. Each year there is a new group of Buddy's
Type of service	
Useful during phase	x emergence development realization operation
Description	This service will be part of the membership network of energy communities (see below). Within the network we will guide and facilitate a buddy exchange between existing and emerging energy communities. We will start off with just 5 buddy couples (mentorship couples) and go from there. The buddy program will last one year and will be combined with (at least) one in-person visit accompanied by eza! and 2 facilitated check-in and reflection conversations facilitated by eza!. The program will be co-funded by any funding program we can find, but also involve a small self-paid fee. The mentoring energy communities can receive a small allowance, but we hope that this can also build on voluntary work.
Resources used to develop the services	Volunteer work from energy community Membership network

	Internal staff at eza!
	Apply for funding with LIFE CER 2026 Call (First meeting for proposal in April 2026)
Availability	From 2027
Update procedure	This service will be updated yearly due to the experiences from the previous year.

Services: project development assistance

Nb of service	DEV-1
Name of service	Guideline presentation about municipal PV open space
Date of implementation (planned or already issued)	Issued (Autumn 25)
Type of service	PPT for our experts to take along, additionally online guidelines for them to deliver the input.
Useful during phase	x emergence x development realization operation
Description	Within this service we offer an introduction for municipalities to the topic of citizen engagement in communal energy projects . We'll mainly use the existing structure and network of consultations we provide for the region and add onto them materials on citizen engagement. This will be dedicated PPTs, handouts and best-practices.
Resources used to develop the services	Internal expertise: eza!-staff
Availability	Web link: On request by municipalities, we offer it to them in our monthly contacts We'll offer this service as an extra within our regular consultations for municipalities that are interested. After ECOEMPOWER our efforts will translate into our new consulting program "Klimastadt".
Update procedure	Materials will be generally updated to the current changes in legal and organisational details

Nb of service	DEV-2
Name of service	Business plan tool
Date of implementation (planned or already issued)	Planned (Autumn 26)
Type of service	Templates and/or online fill-in tool with individualised business plan.
Useful during phase	x emergence development realization operation
Description	From the experience we have had with business plans in the ECOEMPOWER project we think it is helpful for energy communities to be offered a template or possibly be guided through questions to develop their own first business plan, project timeline and budget. We will adapt the business plan developed in the project accordingly and offer an online tool, where one can fill in the most important data and then gets the business plan developed individually. We will built upon the business plan tool developed though BAUM in ECOEMPOWER.
Resources used to develop the services	Internal expertise: eza!-staff Funding: If we'd like to turn this into an online application, we'd need IT-resources to develop the online tool. Therefore we would apply for funding or possibly collaborate with IT businesses in the region. Time capacities:

	Eza! 10h communication with IT IT: 20h + 10h/yearly for support
Availability	Web link: To be developed We'll offer this service within our consultation.
Update procedure	Materials will be generally updated to the current changes in legal and organisational details

Nb of service	DEV-3							
Name of service	BEW Studies for thermal energy							
Date of implementation (planned or already issued)	Already issued							
Type of service	We provide the development of “BEW” studies, a study to assess a municipalities capacity for different thermal energy sources and the feasibility of district heating projects. Through ECOEMPOWER we were able to bring in the topic of community thermal energy projects and provide internal training and information to the internal experts on the topic.							
Useful during phase		emergence		development		realization	x	operation
Description	We are providing the service of “BEW” studies, specifically feasibility studies and concepts that can then be translated into a sustainable heat network. We want to integrate community energy as much as possible into our existing services and therefore created PPTs and did internal trainings through ECOEMPOWER to train our experts especially on the topic of community energy.							
Resources used to develop the services	Internal expertise: eza!-staff Funding: To train our internal staff we used ECOEMPOWER staff capacities. This service is funded though the funding program: “Bundesförderung für effiziente Wärmenetze”							
Availability	Web link: https://www.eza-allgaeu.de/kommunen/kommunale-waermeplanung/ The training of the internal experts happened internally through the ECOEMPOWER budget. BEW studies will still be financed through the funding program even after ECOEMPOWER ends.							
Update procedure	Materials will be generally updated to the current changes in legal and organisational details							

Nb of service	DEV-4							
Name of service	Thermal heat plans							
Date of implementation (planned or already issued)	Already issued							
Type of service	We provide the development of thermal heat plans, which is an obligation for all municipalities in Germany. Through ECOEMPOWER we developed specific guidelines to mark sections in thermal heat plans that are suitable or at least worth exploring for a community solution.							
Useful during phase		emergence		development		realization	x	operation

Description	We are providing the service of heat plans that can then be translated into a sustainable heat network. Heat plans involve an extensive analysis of the local thermal specificities and are a key lever for sustainable heating systems. As part of ECOEMPOWER we are working on inserting recommendations about community energy into heating plans in order for municipalities to be aware of the issue. We are developing follow-up services at the moment that will be available by the end of 2026, where we combine technical and social expertise to support emerging thermal energy community projects as much as possible.
Resources used to develop the services	Internal expertise: eza!-staff Funding: Thermal heat plans receive funding through the German state and are co-funded by the municipality itself.
Availability	Web link: https://www.eza-allgaeu.de/kommunen/kommunale-waermeplanung/ Through ECOEMPOWER we were able to create some standard/template community energy chapters for thermal heat plans that we can reuse.
Update procedure	The standard/template chapters on community energy in thermal heat plans will be generally updated to the current changes in legal and organisational details

Services: Aggregation of projects and/or support to commercialization

Nb of service	AGGR - 1							
Name of service	Membership network for local energy communities							
Date of implementation (planned or already issued)	August 2027							
Type of service	Network of energy communities, hosted by eza!							
Useful during phase	x	emergence		development		realization		operation
Description	This membership network will be the core institution the OSS will host throughout the next years. It will be a local network and forum for citizen energy in the Allgäu region. Activities we are thinking to host are: - online learning courses (possibly with certificate) - individual consultation for energy communities, citizens and municipalities who want to support citizen energy - financial help for citizen energy: organization and connections to reach new members or get fundings through banks or private investments - Kick-Off packages for energy communities: help to set up communication strategy, access to draft contracts, possible governance models, volunteer management The focus area we want to target is heat and cooling networks.							
Resources used to develop the services	Internal staff Staff capacities through new european project → we have started to collaborate on a proposal (04/2026)							
Availability	In 2027							
Update procedure	Unknown							

Services: assistance to policy development

Nb of service	POLICY-1			
Name of service	Policy Briefs			
Date of implementation (planned or already issued)	Already issued			
Type of service	Recommendations for policy makers			
Useful during phase	☐ emergence	☐ development	☐ realization	☐ operation
Description	With the policy briefs we want to raise awareness of policy makers on local and regional level for the necessity and benefits of citizen participation in a decentralised energy supply system.			
Resources used to develop the services	Internal expertise: eza!-staff working on ECOEMPOWER project External expertise: ECOEMPOWER consortium Studies, papers European sister projects			
Availability	Web link: https://www.eza-allgaeu.de/kommunen/energiegemeinschaften/ Free			
Update procedure	New policy brief every half year for the duration of ECOEMPOWER			

SYNTHETIC SCHEDULE

DATE	NUMBER	NAME
Feb 26 - today	AWAR 1	Events in municipalities to reach “out of the box” target groups
Planned for Nov 27	AWAR 2	Consultations for private citizen
2025 - today	AWAR-3	Thermal heat plan awareness campaigns
June 25 - today	CAPA 1	Individual counselling service
Planned for 2029	CAPA 2	Online Learning courses
Planned for Aug 26	CAPA 3	ECOEMPOWER Whitebook adapted to our region
May 24 - today	NETWORK 1	Network of neighbouring cooperatives
Planned for 2028	NETWORK 2	Annual gathering of local citizen energy initiatives
Planned for 2028	NETWORK 3	Buddy programme for energy communities
Sep 25 - today	DEV 1	Guideline presentation about municipal PV open space
Planned for Nov 26	DEV 2	Business plan tool
2025 - today	DEV-3	BEW Studies for thermal energy
today	DEV-4	Thermal heat plans
Planned for 2028	AGGR 1	Membership network for local energy communities
Apr 25 - today	POLICY 1	Policy Briefs

Sustainability of the OSS

Following the end of the ECOEMPOWER project, the German One-Stop-Shop (OSS) will continue operating as a dedicated support structure for the development of local heat cooperatives and thermal energy communities. The OSS will provide technical guidance, capacity building, networking activities, awareness raising, and individual counselling services to citizens, municipalities, community groups and cooperative initiatives. The sustainability strategy is based on a combination of membership revenues, service fees, public funding, partnerships and in-kind contributions.

To ensure continuity and quality of services, the OSS will require approximately 1.8 Full-Time Equivalents (FTE) per year. Additionally, we will need some external experts. See the tables below for both.

Internal staff

Function	Main Tasks	Annual Time	Staff
OSS Lead / Network Manager	Coordination of the national network, stakeholder engagement, fundraising, partnerships, event organisation	900 hours/year	
Energy Community Advisor	Individual counselling, support for heat cooperative development, technical and organisational guidance (technical or legal background)	1,000 hours/year	
Communication & Training Officer	Online academy, awareness campaigns, website maintenance, newsletter & Social Media, member communication	600 hours/year	
Administrative Support	Membership management, event administration, reporting, accounting support	300 hours/year	
Total		approx. 2,800 hours/year	

Assuming an average personnel cost of €45–55/hour (including overheads), annual staff costs are estimated at approximately **€130,000–150,000 per year**.

External experts

Specialised expertise will be mobilised on demand for services that require professional support beyond the OSS core team.

Expertise	Estimated Annual Budget
Legal advice on cooperative establishment, governance and energy regulation	€10,000
Expert speaker budget for the annual event and online academy	€15,000
IT support and platform maintenance	€5,000
Total	€30,000/year

Additional costs

Item	Annual Cost
Website hosting, CRM and digital collaboration tools	€3,000
Online Learning Academy maintenance and content updates	€5,000
Annual network event and workshops (excl. expert speakers)	€10,000
Communication and outreach activities	€5,000
Travel and stakeholder meetings	€7,000

Office and administrative expenses	€5,000
Total	€35,000/year

The OSS does not require major infrastructure investments. Existing digital tools and training materials developed within ECOEMPOWER will be reused and continuously updated.

Total costs per year for the fully running OSS will therefore be around 200.000€. Of course, this is where we are going to be developing into and we will build it up step by step. Our first step – looking at finances – after ECOEMPOWER is to get any services paid so we will have the time and capacity to keep building the OSS.

Funding Sources

The sustainability model relies on a diversified funding structure to avoid dependence on a single source of income.

Membership Fees

A regional membership network for heat cooperatives and thermal energy communities will be established as the core organisational structure of the OSS. This will be based on a solidarity payment mechanism similar to other membership networks such as Energie Samen.

This could be the expected revenues (we still have to figure out the solidarity %):

- 30 member organisations by Year 2 (2028)
- 60 member organisations by Year 5 (2031)

Average annual membership fee: €300–600

Estimated annual revenue:

Year 1–2: €10,000–15,000 (2028)

Year 3–5: €20,000–35,000 (2031)

On-Demand Advisory Services

The OSS will offer advanced consulting services for municipalities, citizen groups, housing associations and cooperative initiatives, including:

- support for cooperative establishment,
- business model development,
- stakeholder engagement processes,
- heat community development strategies,
- training workshops.

Estimated annual revenue: €30,000–50,000 per year

European, National and Regional Funding Programmes

The OSS will actively participate in German, regional and European funding schemes to kick off the development. In the first years, depending on how many employees the OSS has, funding will have to cover most of the personnel costs, until the membership fees and Service fees will be enough to cover it. Our first step will be to pay

one person with a capacity of 50% of an FTE. In the long run the OSS should function mostly on membership and service fees.

OSS'S SERVICES TESTED IN PILOT SITES

Introduction

Each OSS initiated within the ECOEMPOWER project has developed a roadmap of services describing the support to be provided to energy communities during the project lifespan until 5 years after its end. These services cover different categories listed below:

- awareness raising, facilitation and communication
- capacity building of energy communities and/or local public authorities
- networking services
- project development assistance
- Aggregation of projects and/or support to commercialization
- assistance to policy development

3 of these services have been tested in the pilot sites during the course of the project.

The present document aims at describing the way these 3 services were tested and the lessons that were learnt from that experience.

Description of the testing n°1

Name of service tested: Events in municipalities to reach “out of the box” target group

Category

- ☒ awareness raising, facilitation and communication
- ☐ capacity building of energy communities and/or local public authorities
- ☐ networking services
- ☐ project development assistance
- ☐ aggregation of projects and/or support to commercialization
- ☐ assistance to policy development

Date or period of testing: 30.10.25 & 13.05.26

Name of site pilot concerned: Eppishausen/Füssen

Qualitative description:

As an OSS we want to widen our target groups, since the institution that established the OSS is an energy agency focusing on house owners. With our OSS we want to reach many different target groups, especially renters and possibly vulnerable groups to be made aware that they have the right and power to participate in the energy transformation. Therefore we decided to especially target places in municipalities, where people come together and that have low barriers towards and are accessible.

Two examples of such activities were including a workshop, where our Pilot site partner from Eppishausen spoke and led a break-out group, as part of the “[Festival der Zukünfte](#)” - a citizen organised festival in Kempten, that brought together all kinds of initiatives from around the Allgäu region. We could present ECOEMPOWER and highlight the best-practice work of Hermann Kerler from the Eppishausen Dorfenergie eG. A second event where we tried to reach out of the box target groups was to bring the starting energy sharing initiative in Füssen/Reutte to a hotel network event in the same municipality. We tried to connect the hoteliers with the starting energy community. This was quite successful, as some key stakeholders were connected with each other and the initiative found new potential interested parties.

Quantitative description (key figures)

For both of these events we had around 15 people attending.



Lessons learnt

- We learned that especially the idea to connect the topic of citizen energy with the festival was very nice. This is because the festival was already conceptualised to bring together these kinds of people, who are mostly volunteers and very interested in sustainability topics. This worked very well, and we could gather a lot of people who were interested in exchanging with each other.
- Interestingly, through this festival especially young people were attracted to come by, which is not usually the case for the energy topic, as we see that many volunteers are often older.
- We especially wanted to bring in a gender balance among the speakers, which is why two speakers were female and two male. I think this is something we will take on for our next workshops as well, as female role models give female participants the certainty that they will not be quite so alone in the field of energy.
- The connection with the hotel network was also quite successful because the stakeholders had very similar approaches to the topic of citizen energy.
- Of course, energy sharing among such large producers is not comparable with the workshop at the festival, because here they are really looking for people who are CEOs or who own a hotel or farm to connect with each other and share large amounts of energy. This is also the reason why this process is going to take more time, because when looking at the quantities of energy to be shared, this is naturally a longer process.
- At the same time, we felt that the kind of stakeholders that we combined at this event made a lot of sense. It was really an expert-level, high-level event and not so much open to the public.
- We think that this is a good approach to scale up or scale down events depending on how concrete the ideas already are.

Description of the testing n°2

Name of service tested: Individual Counselling service

Category

- ☐ awareness raising, facilitation and communication
- ☐ capacity building of energy communities and/or local public authorities
- ☐ networking services
- ☐ project development assistance
- ☐ aggregation of projects and/or support to commercialization
- ☒ assistance to policy development

Date or period of testing: from April 2025

Name of site pilot concerned: Eppishausen/Füssen

Qualitative description:

We have translated the Policy Briefs to a German version and brought it to events and into 1 on 1s with our partners in Füssen and in Eppishausen. We provided printed copies for them and encouraged to bring this up at high-level meetings. Additionally, we reached out to promote them to all our Pilot sites and present the German versions prominently on our OSS webpage and the eza! Newsletter.

Quantitative description (key figures)

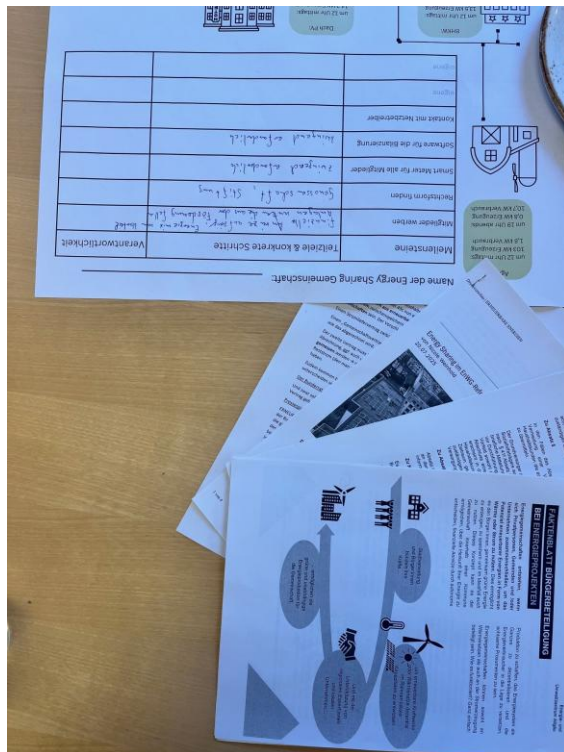
Newsletter reaches: 300 individuals. We sent each Policy Brief in a different Newsletter.
We unfortunately have no numbers on how many people the Policy Brief was forwarded to through our Pilot Site partners.

FAKTENBLÄTTER

Für weitere Hintergrundinformationen finden Sie hier unsere Faktenblätter:

- **Bürgerbeteiligung bei Energieprojekten**
- **Akzeptanz durch Teilhabe**

Sie haben weitere Fragen oder Interesse an einer Erstberatung? Ansprechpartnerin bei eza ist Johanna Vordemfelde, ► [vordemfelde\(at\)eza-allgaeu.de](mailto:vordemfelde(at)eza-allgaeu.de), 0831-960286-92. Grundlegende Beratungsleistungen sind durch das europäische Förderprojekt ► **ECOEMPOWER** abgedeckt und daher für Sie während der Projektlaufzeit (bis August 2026) kostenlos – sprechen Sie uns gerne an.



Lessons learnt

What feedback did the beneficiaries of the service give on the service tested?

There wasn't very much feedback as we send out the newsletter mostly through our newsletter and linked to our website. The way of communication was quite anonymous and therefore people didn't give us much feedback directly.

Do you intend to replicate this service exactly in the same way or do you plan to modify some parts of it? If yes, describe the modifications which will be implemented.

We will develop more factsheet type documents instead of policy briefs in the coming months. This is because the policy briefs seemed quite long. For our audience it will be more important to have hands-on guidance than information on policies.

Description of the testing n°3

Name of service tested: Network of neighbouring communities

Category

- ☐ awareness raising, facilitation and communication
- ☐ capacity building of energy communities and/or local public authorities
- ☒ networking services
- ☐ project development assistance
- ☐ aggregation of projects and/or support to commercialization
- ☐ assistance to policy development

Date or period of testing: 2025/26

Name of site pilot concerned: Eppishausen

Qualitative description:

In Eppishausen we could establish a regular guided exchange of the energy communities in the area. The exchanges happen at least twice a year and are led by our pilot site in cooperation with the new OSS. The OSS usually prepares a moderation and agenda, but the energy communities bring in the topics. We try and bring in experts or stakeholders from the region and connect the network of neighbouring energy communities with specific key partners. Throughout the time of ECOEMPOWER one big topic is to connect the communities to a regional stakeholder that builds up a network of municipalities and through co-funding realizes bis renewable energy projects in the municipalities.

Quantitative description (key figures)

Bringing together 5 Energy communities with every meeting an app. 10 - 15 people. Attending representatives from energy communities are mostly men.



Lessons learnt

What feedback did the beneficiaries of the service give on the service tested?

The feedback is very positive. Especially though the capacities of ECOEMPOWER to bring experts from different fields and also key stakeholders from the region to the meetings this has been a great help to the energy communities when navigating change and looking for support.

Do you intend to replicate this service exactly in the same way or do you plan to modify some parts of it? If yes, describe the modifications which will be implemented.

We have to see how we can keep up the work once the funding from ECOEMPOWER runs out. There is not really a priority to start and pay for such services. Therefore we'll have to sort this out.

REGIONAL ECOSYSTEM: REGION OF CENTRAL GREECE

Introduction

This service roadmap has been worked out within the framework of ECOEMPOWER project. It is straightly linked to the strategic plan which has been set up to develop a regional One-Stop Shop (OSS) for energy communities.

The OSS is available at the web link : <https://onestopenergy.eu>

Aim of this roadmap is to describe which services will be proposed to the energy communities until 2031 so as to give more visibility to the OSS uptake.

This document is the final roadmap and has been elaborated on the basis on a first draft written in June 2026.

Typology of services

The service roadmap is built around six categories, common to all ECOEMPOWER regional One-Stop Shops.

- **Awareness raising, facilitation and communication:** the OSS helps citizens be better informed about energy communities, RES projects and the legal context, so that they can be guided in the emergence of local communities. Communication tools are developed to help energy communities reach various stakeholders and invite them to join, including citizens, municipalities, local companies and NGOs.
- **Capacity building of energy communities and/or local public authorities:** the OSS develops training sessions and self-study materials on project implementation, financing schemes, legal responsibilities and technical topics. The aim is to help community members develop their skills and gain autonomy. Local public authorities are also targeted, so they can more easily support emerging projects.
- **Networking services:** the OSS connects local stakeholders so that they can share experience and improve their projects. Networking creates links and synergies between citizens, companies and municipalities across the region.
- **Project development assistance:** the OSS provides practical assistance on legal steps, financing options and the technical sizing of RES plants, through reference documents and a direct contact point. This assistance is provided internally by ROCG, drawing on external expertise where needed.
- **Aggregation of projects and/or support to commercialization:** this category covers tools and resources that energy communities can share, such as common templates, energy-management tools and economic guidance. For ROCG, this focuses on making project-level tools and funding information accessible to communities rather than on commercial negotiation.
- **Assistance to policy development:** the OSS monitors gaps in the policy framework and formulates recommendations for its evolution, assessing regional needs and feeding them to regional and national policymakers.

The following pages provide a descriptive sheet for each service across the six categories. A summary of the service deployment schedule is given at the end, followed by the sustainability plan for the OSS.

Services: awareness raising, facilitation and communication

Nb of service	AWAR-1			
Name of service	Awareness and Information Hub - Energy community explainer pages			
Date of implementation (planned or already issued)	Implemented. Initial content developed and disseminated through the redeveloped OSS website.			
Type of service	Website content, articles, pdf guides			
Useful during phase	☒ emergence	☒ development	☐ realization	☐ operation
Description	A set of web pages in Greek explaining what an energy community is, who can participate, what the legal requirements are under the current framework (Law 4513/2018 and Law 5037/2023) and what benefits members can expect. The pages are written for citizens with no prior knowledge and cover the K.A.E. and E.K.P. legal forms, the role of municipalities, virtual net metering and the practical first steps. The content was pre-tested with participants of the first capacity-building workshop.			
Resources used to develop the services	Internal expertise. ROCG staff prepared the content and carried out the regulatory review. External expertise was drawn on an ad-hoc basis for legal and technical verification. No external paid development is foreseen.			
Availability	Web link: https://onestopenergy.eu Free of charge. The OSS is a permanent public service of the Region of Central Greece.			
Update procedure	Content is reviewed at least once a year and updated according to regulatory changes, for example the transposition of RED III, and according to user feedback.			

Nb of service	AWAR-2			
Name of service	Awareness and Information Hub - Frequently Asked Questions (FAQ)			
Date of implementation (planned or already issued)	Implemented Q1. 2026 20 questions developed.			
Type of service	Website content, a structured FAQ page in Greek.			
Useful during phase	☒ emergence	☒ development	☐ realization	☐ operation
Description	A frequently-asked-questions page compiled from real questions received from citizens and municipal contacts during stakeholder meetings. The FAQ groups 20 questions into five sections covering the legal framework and establishment, operations and activities, financial matters, technical topics and practical issues. Answers are grounded in the current Greek regulatory reality and use figures specific to Central Greece, such as a yield of around 1,400 kWh per kWp per year. The answers were reviewed by a small group of non-experts to confirm they are understandable.			
Resources used to develop the services	Internal expertise. ROCG staff drafted the answers, drawing on questions collected at stakeholder meetings. No external paid development was needed.			

Availability	Web link: https://onestopenergy.eu Free of charge. The OSS is a permanent public service of the Region of Central Greece.
Update procedure	Updated as new questions arise from citizens and as the regulatory framework evolves.

Nb of service	AWAR-3
Name of service	Awareness days hosted with municipalities
Date of implementation (planned or already issued)	Planned. First events foreseen for the second half of 2026, then repeated on demand.
Type of service	Public information events held in towns and villages of the region.
Useful during phase	☒ emergence ☒ development ☐ realization ☐ operation
Description	Public information events organised together with the municipalities of the region, held in everyday public settings such as local markets, festivals and municipal events. The aim is to reach citizens who would never visit a website or attend a formal meeting, and to make them aware in simple terms that energy communities exist and that the OSS can help them take part. The events build on the close working relationship ROCG already has with the pilot municipalities of Domokos, Amfikleia and Kamena Vourla, and they distribute the printed materials produced by the OSS. The format is light and repeatable, so it can be offered to any municipality in the region that asks for it.
Resources used to develop the services	Internal expertise. ROCG staff prepare and run the events, with the host municipality providing the venue and local outreach. Printed materials already produced by the OSS are reused. No external paid development is foreseen.
Availability	On-demand public events hosted in collaboration with municipalities of the region.
Update procedure	The format and materials are adjusted for each municipality and updated as the regulatory framework and the OSS offering evolve.

Services: capacity building of energy communities and/or local public authorities

Nb of service	CAPA-1			
Name of service	Workshop on creating and joining an energy community			
Date of implementation (planned or already issued)	Implemented. First in-person workshop delivered on 19 November 2025. To be repeated and offered online (on-demand) during 2026.			
Type of service	In-person workshop, with an accompanying presentation and printed materials. An online version is planned.			
Useful during phase	☒ emergence	☒ development	☒ realization	☐ operation
Description	A practical in-person session walking participants through the actual steps of setting up or joining an energy community in Greece, covering the paperwork and registration through the One-Stop Service and GEMI, the governance structure, the costs and the available funding. The first workshop was delivered on 19 November 2025 in the Domokos and Amfikleia area with citizens and local stakeholders, and participant feedback was collected through evaluation forms. The workshop used the OSS citizen guide, the legal-framework guide and the PV sizing guide as supporting material. The session will be repeated on demand in other parts of the region, and an online version will be published on the OSS site so that citizens who cannot attend in person can still follow it.			
Resources used to develop the services	Internal expertise. ROCG staff designed the agenda, facilitated the session, produced the materials and handled the follow-up. External legal and technical expertise was mobilised where useful. Venue and logistics are covered by ROCG. Estimated total cost: 2,0 00.00 € for one annual event.			
Availability	Web link: https://onestopenergy.eu Materials of the workshop exist in page “Υλικό” and the full material will be included separately in page “Υπηρεσίες” soon Free On-demand physical training in ROCG premises			
Update procedure	The content is updated after each session based on participant feedback and on any change in the legal or financial framework. The online version is kept aligned with the in-person material.			

Nb of service	CAPA-2			
Name of service	Capacity building for municipal and local-authority staff			
Date of implementation (planned or already issued)	Partially Implemented, with ROCG staff (Mr. Nikos Sorkos) but not with municipal staff			
Type of service	Training sessions aimed at the technical and administrative staff of municipalities.			
Useful during phase	☒ emergence	☒ development	☒ realization	☐ operation
Description	A training track designed specifically for the technical and administrative staff of the region's municipalities. It explains how a local authority can initiate and support an energy community, what role an OTA can play under Law 5037/2023, how the			

	minimum-membership thresholds drop to three members when a municipality takes part, and how municipal buildings and land can be contributed to a project. As a regional authority, ROCG is well placed to deliver this service, since the municipalities are its natural partners and the national Apollon programme foresees one municipal energy community of citizens per region. The sessions help municipal staff move from interest to concrete project setup and reduce the dependence of local communities on outside consultants.
Resources used to develop the services	Internal expertise. ROCG staff prepare and deliver the sessions, building on the material already produced for the citizen workshop. External legal and technical input is mobilised where useful, in particular through the collaboration with NTUA. No external paid development is foreseen. Estimated cost: 5,000.00
Availability	On-demand when new personnel is onboarded. First round implemented with ROCG staff on May 2026.
Update procedure	The content is updated after each session and whenever the regulatory framework or the available national and regional funding programmes change.

Services: networking services

Nb of service	NETWORK-1						
Name of service	Interest directory for citizens and municipalities						
Date of implementation (planned or already issued)	Partially Developed. Design complete, goes live with the website during second half of 2026.						
Type of service	Online form and simple directory on the OSS site						
Useful during phase	☒	emergence	☒	development	☒	realization	☐ operation
Description	A simple directory on the OSS site where interested citizens, municipalities and organisations can register their interest and find others in their area who want to form or join an energy community. The aim is to help reach the minimum membership thresholds set by Law 5037/2023, for example 30 members, or 3 where a municipality participates, by connecting people who would otherwise act in isolation. The form design and the information to be collected have been defined and reviewed internally.						
Resources used to develop the services	Internal expertise. ROCG staff developed the directory. It is built using standard website functionality, with no external paid platform development. Estimated cost: 3,000.00 €.						
Availability	Web link: https://onestopenenergy.eu Not available on the website yet, will be included later in the year Free of charge. The OSS is a permanent public service of the Region of Central Greece.						
Update procedure	Reviewed periodically based on the number of registrations and on data-protection good practice.						

Nb of service	NETWORK-2						
Name of service	Regional events listing						
Date of implementation (planned or already issued)	Partially Developed. Template complete, goes live during second half of 2026.						
Type of service	Events page on the OSS site.						
Useful during phase	☒	emergence	☒	development	☒	realization	☒ operation
Description	A section on the OSS site listing upcoming events related to energy communities in Central Greece, including workshops, information sessions and project-partner events. A simple and repeatable format has been defined, covering the date, title, location, a short description and a registration link, so the page can be maintained with minimal effort.						
Resources used to develop the services	Internal expertise. ROCG staff maintain the page. No external development was needed. Estimated total cost: 2,000.00 € for one event.						
Availability	Web link: https://onestopenenergy.eu						

	Not available on the website yet, will be included later in the year
	Free of charge. The OSS is a permanent public service of the Region of Central Greece.
Update procedure	Updated continuously as events are scheduled.

Nb of service	NETWORK-3							
Name of service	Annual regional energy-communities forum							
Date of implementation (planned or already issued)	Planned. First edition foreseen for early 2027, then held every year.							
Type of service	An annual in-person gathering for the region's energy-community ecosystem.							
Useful during phase	☒	emergence	☒	development	☒	realization	☒	operation
Description	An annual event bringing together the people working on energy communities across Central Greece, including the three pilot sites of Domokos, Amfikleia and Kamena Vourla, interested citizens, municipal representatives and technical experts. The forum gives participants a place to share experience, present progress and build the links that help projects move forward. Convening this kind of regional gathering is a natural role for a regional authority, and at one event per year it can be sustained with limited effort.							
Resources used to develop the services	Internal expertise. ROCG staff organise the event, with venues hosted in rotation by the participating municipalities. External speakers are invited where useful utilizing existing stakeholders like NTUA and the involved municipalities, at no cost to participants. Estimated total cost: 7,500.00 € for five annual events.							
Availability	Annual in-person event							
Update procedure	The programme is shaped each year around the priorities and feedback of the participants.							

Services: project development assistance

Nb of service	DEV-1							
Name of service	Reference guides and direct contact point							
Date of implementation (planned or already issued)	Implemented							
Type of service	Downloadable reference documents in PDF, plus an email and phone contact point.							
Useful during phase		emergence	✓	development	✓	realization		operation
Description	A collection of practical reference documents hosted on the OSS site, covering the legal, financial and technical aspects of setting up an energy community, together with a direct contact point by email and phone for citizens' questions. Three guides have been produced in Greek. The first is a legal-framework guide covering the K.A.E. and E.K.P. forms, the registration steps, net metering, licensing and grid connection. The second is a summary of financing options. The third is a PV rooftop sizing guide with worked examples for Central Greece. The documents were shared with the participants of the first CAPA-1 workshop for feedback.							
Resources used to develop the services	Internal expertise. ROCG staff drafted the documents and grounded them in the current regulation. External legal and engineering expertise was consulted for verification through the stakeholder network. No paid external development was needed. Estimated cost: 2,000.00 €.							
Availability	Web link: https://onestopenenergy.eu Free							
Update procedure	The guides are updated when the regulatory or financial framework changes and as new common questions emerge through the contact point. Estimated total cost for two updates per year until 2031: 2,500.00 €.							

Nb of service	DEV-2							
Name of service	Guidance on grid connection							
Date of implementation (planned or already issued)	Planned. Foreseen for late 2026, building on the regulatory work already done.							
Type of service	Reference guidance and contact support on the grid-connection process for PV Plants and installations.							
Useful during phase		emergence	✓	development	✓	realization		operation
Description	Practical guidance helping communities understand the grid-connection process, covering what to file with the distribution network operator (HEDNO), what timelines to expect and how to check whether there is available capacity in their area. This service responds directly to the single biggest practical barrier identified in the region. In Central Greece a large number of energy projects are waiting in the connection queue, and many citizens and communities do not know how to navigate the procedure or how to assess their chances before they invest time and money. The guidance is provided as a reference document on the OSS site together with support through the contact point.							
Resources used to develop the services	Internal expertise. ROCG staff prepare and maintain the guidance, drawing on their knowledge of the regional grid situation. Technical clarifications are sought from							

	the network operator and from NTUA where needed. No paid external development is foreseen. Estimated cost: 1,500.00 € and if necessary again on an annual basis until 2031.
Availability	Web link: https://onestopenenergy.eu Free
Update procedure	Updated whenever connection rules, procedures or the regional grid situation change.

Nb of service	DEV-3
Name of service	Statute template and setup checklist
Date of implementation (planned or already issued)	Planned. Foreseen for 2026.
Type of service	A model statute and a step-by-step setup checklist in Greek.
Useful during phase	☒ emergence ☒ development ☒ realization ☐ operation
Description	A ready-to-use model statute (Καταστατικό), adapted with plain-language guidance, together with a step-by-step checklist taking a group from the initial decision through to registration in GEMI. The model statute builds on the template available from the General Secretariat of Commerce, presented in a form that citizens can actually understand and use. This service fills the gap between the explainer pages, which describe what an energy community is, and the practical act of doing the paperwork. As a public authority ROCG cannot act as a notary, so the service focuses on the template and the guidance rather than on formal legal certification, and it points users to the competent services for the steps that require them.
Resources used to develop the services	Internal expertise. ROCG staff prepare the template and the checklist. External legal expertise is consulted for verification. No paid external development is foreseen.
Availability	Web link: https://onestopenenergy.eu
Update procedure	Updated whenever the model statute or the registration procedure changes.

Services: Aggregation of projects and/or support to commercialization

Nb of service	AGGREG-1						
Name of service	Shared tools from the ECOEMPOWER ICT Platform						
Date of implementation (planned or already issued)	Planned						
Type of service	Integration of project-level digital tools into the OSS site.						
Useful during phase		emergence	✓	development	✓	realization	✓ operation
Description	Integration of the tools developed by the project's ICT Platform, built by partner UBE, in ROCG premises to be used in the physical trainings, specifically energy-management templates and economic-guidance tools for new projects. Because ROCG is a public authority offering free services, the focus of this category is on making these shared tools accessible to citizens and communities through the trainings provided rather than on commercial negotiation or paid aggregation. Integration depends on the technical challenges that will be encountered when merging the two platforms.						
Resources used to develop the services	Internal expertise. ROCG staff handle the translation checks, and the provision of the tools. The tools themselves are provided by UBE and will be deployed in ROCG internal premises with the help of UBECLOUD hosting costs are estimated around 90 euros yearly. Deployment is foreseen in Q3 2026.. No paid development is carried out by ROCG.						
Availability	Through the on-demand CAPA-1 workshops Free						
Update procedure	Reviewed once the tools are integrated and afterwards according to user feedback.						

Nb of service	AGGREG-2						
Name of service	Funding and subsidy navigator						
Date of implementation (planned or already issued)	Planned. Foreseen for 2026, then kept up to date on a rolling basis.						
Type of service	A current overview of funding relevant to energy communities in the region.						
Useful during phase	✓	emergence	✓	development	✓	realization	✓ operation
Description	A regularly updated overview of the funding available to energy communities in the region, bringing together the relevant national and regional programmes in one place. It covers schemes such as the Recovery and Resilience Fund actions, the ESPA regional programme for Central Greece, the national Apollon programme and future LIFE calls, with the key eligibility conditions and deadlines for each. ROCG is well placed to provide it, since it has early and reliable access to information on regional and national funding.						
Resources used to develop the services	Internal expertise. ROCG staff compile and maintain the overview, drawing on the region's own knowledge of the funding landscape. No paid external development is foreseen. Estimated cost for external economic advisor for 2026: 1,500.00 € and then repeatedly on an annual basis.						
Availability	Web link: https://onestopenenergy.eu Free						
Update procedure	Reviewed regularly and updated whenever programmes open, close or change their conditions.						

Services : assistance to policy development

Nb of service	POLICY-1						
Name of service	Regional policy note on regulatory barriers						
Date of implementation (planned or already issued)	In progress. Draft under development with NTUA, internal review in mid-2026 and dissemination in late 2026.						
Type of service	Policy note and briefing for regional and national policymakers.						
Useful during phase	☒	emergence	☒	development	☐	realization	☐ operation
Description	A short document identifying the main regulatory barriers and gaps that hinder energy-community development in the Central Greece region, aimed at informing regional and national policymakers. It builds on the review of the Greek regulatory framework and on the practical issues raised by citizens and municipalities during the OSS stakeholder meetings, for example the high minimum-membership thresholds and the grid-connection delays that are particular to the region. The note is being prepared in collaboration with NTUA.						
Resources used to develop the services	Internal expertise. ROCG staff handle the regional needs assessment and the stakeholder input. NTUA provides technical and policy input. No paid external development is foreseen. Estimated cost: 2,000.000 €.						
Availability	Web link: https://onestopenenergy.eu Free						
Update procedure	Published after internal review and updated in response to major regulatory changes, such as the national transposition of RED III.						

SYNTHETIC SCHEDULE (It is in chronologic way)

The table below summarises the deployment schedule of the OSS services. Most of the core services were implemented between October 2025 and March 2026 and are being published progressively at the redeveloped OSS website. Several further services have been planned for 2026 and 2027 to broaden the offering.

DATE	NUMBER	NAME
Q4 2025	CAPA-1	Workshop on creating and joining an energy community
Q1 2026	AWAR-1	Awareness and Information Hub - Energy community explainer pages
Q1 2026	AWAR-2	Awareness and Information Hub - Frequently Asked Questions (FAQ)
Q1 2026	DEV-1	Reference guides and direct contact point
Q2 2026	CAPA-2	Capacity building for municipal and local-authority staff
Q2 2026	NETWORK-2	Regional events listing
Q3 2026	AWAR-3	Awareness days hosted with municipalities
Q3 2026	NETWORK-1	Interest directory for citizens and municipalities
Q3 2026	DEV-3	Statute template and setup checklist
Q3 2026	AGGREG-2	Funding and subsidy navigator
Q4 2026	DEV-2	Guidance on grid connection
Q4 2026	POLICY-1	Regional policy note on regulatory barriers
Q1 2027	NETWORK-3	Annual regional energy-communities forum
	AGGREG-1	Shared tools from the ECOEMPOWER ICT Platform

Sustainability of the OSS

The Region of Central Greece is a regional public authority. This shapes the sustainability model of the OSS in a way that differs fundamentally from partners that operate as cooperatives or private associations. The OSS is not designed to generate revenue, and there is no transition to paid services foreseen. Instead, the OSS is embedded in the standing public mandate of ROCG to support the citizens of the region in the energy transition.

After the end of the ECOEMPOWER project, the OSS will continue to be operated using the person-months of existing ROCG staff, as part of their regular duties. The services have deliberately been designed so that they can be maintained with internal capacity and without recurring external costs. They consist mainly of web content, downloadable guides, a contact point, an interest directory, an events listing, periodic workshops and a small number of annual events. Maintaining and updating these requires modest and predictable effort that can be absorbed within existing staff allocations rather than a dedicated new team.

During the ECOEMPOWER reporting period, the total effort invested by ROCG was approximately 235 hours, in the order of 1.6 person-months, of which the largest single item was the redevelopment of the OSS website. This was a one-off foundational investment. Once the website is live, the recurring effort to keep the services running is substantially lower, since it is limited to content updates, responding to citizen queries, maintaining the events listing and the directory, and delivering workshops and events on demand.

The core skills needed, namely regulatory knowledge, content production, stakeholder facilitation and website maintenance, are available within ROCG. Specialised legal, financial or technical input is mobilised on an ad-hoc basis, in particular through the established collaboration with NTUA and the project partners, rather than through paid contracts. This keeps the OSS free of recurring external expenditure.

The OSS does not require major infrastructure investment. The website and all materials developed within ECOEMPOWER are reused and updated. Hosting and maintenance are covered within the existing digital operations of ROCG.

As a public service, the OSS is sustained by the operating resources of ROCG, namely staff time and existing infrastructure. Where opportunities arise, ROCG will complement this with regional, national and European programmes, such as the Recovery and Resilience Fund actions, the ESPA regional programmes, future LIFE calls and the national Apollon programme for municipal energy communities, in order to fund specific new activities or the scaling-up of successful services. These external funds are used to expand the offering and not to cover the baseline operation, which remains guaranteed by the public mandate of ROCG.

Because the baseline operation does not depend on external revenue, the OSS has a robust and low-risk sustainability profile. As long as ROCG maintains its regional energy-transition mandate, the OSS can continue to serve the citizens of the region free of charge well beyond 2031. The priority for the coming period is to complete the publication of the online services, repeat and broaden the workshops, roll out the new services planned for 2026 and 2027, finalise the policy note with NTUA, and integrate the ICT Platform tools once they are available in Greek.

OSS'S SERVICES TESTED IN PILOT SITES

Introduction

Each OSS initiated within the ECOEMPOWER project has developed a roadmap of services describing the support to be provided to energy communities during the project lifespan until 5 years after its end. These services cover different categories listed below:

- awareness raising, facilitation and communication
- capacity building of energy communities and/or local public authorities
- networking services
- project development assistance
- Aggregation of projects and/or support to commercialization
- assistance to policy development

3 of these services have been tested in the pilot sites during the course of the project.

The present document aims at describing the way these 3 services were tested and the lessons that were learnt from that experience.

Description of the testing n°1 and 2

Name of services tested: CAPA-1 and DEV-1

Category

- ☐ awareness raising, facilitation and communication
- ☒ capacity building of energy communities and/or local public authorities
- ☐ networking services
- ☒ project development assistance
- ☐ aggregation of projects and/or support to commercialization
- ☐ assistance to policy development

Date or period of testing : Nov 2025

Name of site pilot concerned : Domokos/Amfikleia

Qualitative description :

The CAPA-1 service was tested through the first in-person delivery of the OSS capacity-building workshop, held on 19 November 2025 with citizens and local stakeholders from the Domokos and Amfikleia area. The session was designed as a hands-on workshop combining a guided presentation with interactive discussion and questions.

The workshop walked participants through the legal steps required to establish an energy community under Greek law (Law 4513/2018 and Law 5037/2023), explained the financing mechanisms and incentive schemes relevant to the Central Greece region, introduced the governance models and the statute template needed to set up a cooperative, and gave a deliberately non-technical overview of how to size a small rooftop PV system. The OSS website was presented as the ongoing support resource.

A specific objective of the session was to collect participant feedback in order to validate and improve the training materials (DEV-1), so the workshop functioned both as a service to the participants and as a live test of the service itself.

Quantitative description (key figures)

- 5 participants (citizens, local stakeholders and a municipal representative from another Energy Community from external Energy Community in its early stage called Citizen Energy Community of Region of Central Greece)
- 2 pilot areas covered (Domokos and Amfikleia)
- 3 reference guides produced and tested (legal framework, financing options, PV sizing)
- 5 thematic blocks covered: legal framework and registration, financing and incentives, PV sizing basics, barriers identified by participants, and the OSS as ongoing support
- Feedback collected from participants through discussion and evaluation

Lessons learnt

What feedback did the beneficiaries of the service give on the service tested?

The participants found the session useful and confirmed that there is real demand for practical, plain-language guidance on how to create an energy community in the Central Greece region. They asked for simpler language in the printed handouts, as some of the terminology was still too technical for a non-expert audience. They expressed strong demand for an online step-by-step guide mirroring the session content, and interest in follow-up one-on-one consultations. Regulatory complexity and uncertainty about municipal support were identified as the main barriers.

Do you intend to replicate this service exactly in the same way or do you plan to modify some parts of it? If yes, describe the modifications which will be implemented.

We intend to repeat the workshop, with the following improvements based on the feedback:

- Simplify the language of the printed handouts and reduce the amount of technical terminology, so the material is easier for a non-expert audience to follow.
- Produce an online version of the workshop, published on the OSS website, so that citizens who cannot attend in person can follow the same step-by-step content.
- Offer follow-up individual consultations to participants who want to move from general information towards their own concrete project.

Description of the testing n°3

Name of service tested: CAPA-2

Category

- ☐ awareness raising, facilitation and communication
- ☒ capacity building of energy communities and/or local public authorities
- ☐ networking services
- ☐ project development assistance
- ☐ aggregation of projects and/or support to commercialization
- ☒ assistance to policy development

Date or period of testing : May 2026

Name of site pilot concerned :

Qualitative description :

The CAPA-2 service is a training track designed for the technical and administrative staff who support energy communities from within a public authority. It explains how a local authority can initiate and support an energy community, what role an OTA can play under Law 5037/2023, how the minimum-membership thresholds drop to three members when a municipality takes part, and how municipal buildings and land can be contributed to a project.

The first round of the service was tested internally, with the staff of ROCG (Nikos Sorkos), in May 2026. The training built on the material already produced for the citizen workshop and was adapted for a public-authority audience. It was applied directly in the support given to the new energy community set up with the help of ROCG, the Citizen Energy Community of the Region of Central Greece, which provided a concrete case on which the trained staff could work.

The extension of the service to the technical and administrative staff of the municipalities of the region took place with the participation of representatives of the Citizen Energy Community of the Region of Central Greece. More training sessions will be provided with more municipal representatives of the region as a next step.

Quantitative description (key figures)

- 1 new energy community supported (Citizen Energy Community of the Region of Central Greece)
- 1 first training round delivered, in May 2026
- 1 ROCG staff trained

Lessons learnt

What feedback did the beneficiaries of the service give on the service tested?

The ROCG staff confirmed that having a structured training track, rather than learning on the job, made it easier to give consistent and reliable support to citizens and to the new energy community. Working on a real case, the Citizen Energy Community of the Region of Central Greece, was found to be the most useful part, because it turned the general framework into concrete decisions. The main point raised was that the same training should now be adapted and offered to other municipal staff of the Region, who face the same questions but do not yet have the same level of support.

Do you intend to replicate this service exactly in the same way or do you plan to modify some parts of it? If yes, describe the modifications which will be implemented.

We intend to keep the service and to extend it, with the following steps:

- Repeat the training on demand whenever new personnel is onboarded, so that support capacity is maintained over time.
- Adapt the training track for the technical and administrative staff of the municipalities of the region, which is the part of the service not yet covered.
- Keep the content up to date after each session and whenever the regulatory framework or the available national and regional funding programmes change.

REGIONAL ECOSYSTEM: ZLÍN REGION

Introduction

This service roadmap has been worked out within the framework of ECOEMPOWER project. It is straightly linked to the strategic plan which has been set up to develop a regional One-Stop Shop (OSS) for energy communities.

The OSS is available at the web link:

<https://www.eazk.cz/oss>

Aim of this roadmap is to describe which services will be proposed to the energy communities until 2031 so as to give more visibility to the OSS uptake.

This document is a final version of the roadmap based on the first draft elaborated in April 2025.

Typology of services

The service roadmap is built around different categories which are the following:

- **awareness raising, facilitation and communication:** the OSS will help people be more informed about energy communities, RES projects, legal context so that they can be guided in the emergence of local communities. Communication tools should also be developed to help energy communities target various stakeholders and invite them to join their initiative: citizens, municipalities, local companies, NGOs, etc.
- **capacity building of energy communities and/or local public authorities:** the OSS will develop dedicated training sessions on project implementation, financing schemes, legal responsibilities, technical topics, etc. Aim of these tools is to help communities 'members develop their skills and gain more autonomy. Public bodies should be also targeted through these sessions, so that they can support more easily the emerging projects.
- **networking services:** the OSS plans to host networking events at different geographical scales so that people can share their experience and improve the development of their projects. Networking is essential to create some links between local stakeholders and create synergies between citizens, companies and municipalities.
- **project development assistance:** the OSS is expected to develop technical tools to provide assistance on legal contracts, business plans, technical sizing of RES plants, etc. This assistance can be developed either internally or through external expertise.
- **Aggregation of projects and/or support to commercialization:** this range of services covers all the services that can be shared and collectively negotiated by energy communities such as policy insurances, bank partnerships, accounting services, equipment providers, etc.)
- **assistance to policy development:** the OSS should monitor the gaps in the policy framework and be able to formulate pleadings for the evolution of e.g. assessing regional needs, benchmarking with other regions/countries, policy recommendations)

The following pages provide a descriptive sheet for each service according to each of the 6 categories. A summary of the service deployment schedule is given at the end.

Services: awareness raising, facilitation and communication

Nb of service	AWAR-1
Name of service	Seminars
Date of implementation (planned or already issued)	Ongoing – last seminar 12. 5. 2026
Type of service	Presentations and discussion on community energy News
Useful during phase	x emergence development realization operation
Description	The OSS builds on EAZK's long-standing experience in organising seminars on sustainable energy, climate protection and energy management for municipalities, public authorities, businesses and other stakeholders. Within the ECOEMPOWER project, this established service has been expanded to include community energy, energy sharing and renewable energy communities. The seminars provide participants with practical information on the legislative framework, technical solutions, economic aspects and available funding opportunities related to community energy. They are designed primarily for municipalities and other local stakeholders considering the establishment or development of an energy community. Depending on the target group, the content is adapted to address current challenges and developments in the sector. Over the next five years, the seminar programme will continue to evolve in response to legislative updates, practical experience from implemented projects and new topics relevant to energy communities, including flexibility services, battery storage, demand-side management and energy management systems. The seminars will also introduce participants to other OSS services, enabling them to continue with individual consultations, specialised training or project development support.
Resources used to develop the services	<u>During ECOEMPOWER</u> - Adaptation of the existing seminar programme to community energy topics: approximately 5 person-days. - Preparation and organisation of each seminar: approximately 2–3 person-days of internal staff time. - Update of presentation materials and supporting documents: approximately 1–2 person-days. - External experts may be invited for specialised topics (e.g. legislation, flexibility services or electricity markets), with estimated costs of EUR 100–500 per seminar, where required. <u>After ECOEMPOWER</u> Seminars will remain a permanent part of the OSS portfolio and will continue to be organised according to demand. The content will be regularly updated to reflect changes in legislation, funding schemes and the evolving needs of municipalities and energy communities. Preparation and delivery of each seminar is expected to require approximately 2–3 person-days of internal staff time, with additional external expertise involved where specialised topics are covered.

Availability	Web link: News at www.eazk.cz Seminars will be organised several times per year as in-person events. Information about upcoming events, registration, presentations and related materials will be available through the OSS platform and EAZK communication channels. Participation will remain free of charge.
Update procedure	The seminar programme will be reviewed based on legislative developments, participant feedback and experience gained through OSS activities. New topics will be incorporated as community energy and related services continue to evolve.

Services: awareness raising, facilitation and communication

Nb of service	AWAR-2							
Name of service	Communication and dissemination activities							
Date of implementation (planned or already issued)	2026							
Type of service	Online resource Communication service							
Useful during phase	x	emergence	x	development		realization		operation
Description	The OSS will strengthen communication and dissemination activities to increase awareness of community energy and related sustainable energy solutions among municipalities, public authorities, businesses and the general public. Building on EAZK's existing communication channels, the service will ensure that reliable and up-to-date information on community energy is widely accessible and understandable to different target groups. Communication activities will include news articles, newsletters, social media content, promotional materials, project outputs, videos and presentations highlighting the benefits of community energy, energy sharing and other sustainable energy solutions. The service will also disseminate the results of pilot projects, legislative updates, funding opportunities and newly developed OSS services. During the next five years, communication activities will continue to evolve in line with the development of community energy in the Czech Republic. New topics, including flexibility services, energy storage and innovative approaches to local energy management, will be incorporated as they become relevant for municipalities and other stakeholders.							
Resources used to develop the services	<u>During ECOEMPOWER</u> - Adaptation of existing communication activities to include community energy topics: approximately 4–5 person-days. - Preparation and publication of communication materials: approximately 1–2 person-days per month. - External graphic design, video production or communication support, where required: estimated EUR 300–800 per year. <u>After ECOEMPOWER</u> Communication and dissemination activities will remain an integral part of the OSS. Existing communication channels will continue to be used to promote community energy, share project results and inform stakeholders about new opportunities, services and legislative developments (expected to require approximately 1–2 person-days per month)							
Availability	Communication materials will be freely available through the EAZK website, the OSS webpage, newsletters, social media channels and other dissemination activities. Selected outputs will also be presented during seminars, conferences and public events.							
Update procedure	Communication content will be updated continuously according to project activities, legislative developments, newly available funding opportunities and the evolving needs of target groups.							

Services: capacity building of energy communities and/or local public authorities

Nb of service	CAPA-1							
Name of service	Training							
Date of implementation (planned or already issued)	Ongoing							
Type of service	Trainings							
Useful during phase	x	emergence	x	development	x	realization	x	operation
Description	The OSS provides specialised training activities aimed at strengthening the knowledge and practical skills required for the development and operation of community energy projects. Building on EAZK's long-standing training activities in sustainable energy and energy management, the service has been expanded within the ECOEMPOWER project to address community energy, energy sharing and renewable energy communities. Unlike awareness seminars, which target a broad audience, CAPA-1 trainings are targeted sessions for stakeholders directly involved in preparing or implementing community energy projects. Two main formats are currently offered: a) Operational, hands-on trainings — small-group sessions (typically 2–6 participants) for staff of municipal companies and organisations operating an energy sharing scheme. Sessions last approximately 2 hours and combine explanation with hands-on practice using the agency's internal Excel-based sharing management tool, covering data import from the Electricity Data Centre, navigating the tool, monitoring statistics and preparing monthly reporting to community members. A first session of this type was delivered in October 2025 to representatives of Teplo Zlín. b) Strategic and policy-oriented trainings — sessions for representatives of the regional authority and other public bodies, lasting approximately 2–3 hours. As community energy and electricity sharing are increasingly becoming an integral part of regional and municipal energy strategies, these sessions address them as part of the broader strategic energy planning, together with the preparation of related policy documents such as local energy concepts and Sustainable Energy and Climate Action Plans (SECAP). The most recent session took place in April 2026, with 10 participants. During the next five years, the training programme will be continuously updated to reflect legislative developments and the changing needs of municipalities. New modules will gradually incorporate topics such as flexibility services, battery storage, energy management systems, demand-side management and other emerging aspects of community energy.							
Resources used to develop the services	During ECOEMPOWER - Adaptation and development of training materials related to community energy: approximately 6–8 person-days. - Preparation and delivery of each training session: approximately 3–4 person-days of internal staff time. - External experts may be involved in specialised topics (legal, technical or financial), with estimated costs of EUR 100–700 per training, where required.							

	<u>After ECOEMPOWER</u> Training activities will remain part of the permanent OSS service portfolio. Training materials will be regularly updated, and new thematic modules will be introduced according to legislative developments, technological progress and feedback from participants. Preparation and delivery of each training session is expected to require approximately 3–4 person-days, depending on the scope and target group.
Availability	Training sessions will be organised according to demand as in-person events. Supporting materials and selected presentations will be made available through the OSS website and provided directly to participants.
Update procedure	Training content will be reviewed annually and updated whenever significant legislative, technical or market developments affect community energy projects. Feedback from participants will be used to continuously improve the programme.

Services: networking services

Nb of service	NETWORK-1						
Name of service	Sharing best practices						
Date of implementation (planned or already issued)	Planned from 2026						
Type of service	Handbook of good practice examples Events with presentation of good practice examples						
Useful during phase	x	emergence		development	x	realization	x operation
Description	The OSS facilitates the exchange of experience between municipalities, energy communities and other stakeholders involved in community energy. The service supports peer learning by creating opportunities to share practical experience, discuss common challenges and present successful approaches to developing and operating community energy projects. Activities may include networking meetings and presentations of practical examples from the Czech Republic and abroad. The service aims to strengthen cooperation between stakeholders and accelerate the transfer of knowledge and experience across regions. During the next five years, the service will continue to expand alongside the growing number of community energy projects, fostering stronger cooperation between municipalities and other organisations involved in local energy transition.						
Resources used to develop the services	During ECOEMPOWER • Development and coordination of networking activities: 2–3 person-days. • Organisation of each networking event: 1–3 person-days. • External costs are not expected. After ECOEMPOWER Networking activities will continue according to demand and will remain one of the core OSS services supporting the exchange of practical experience between municipalities and community energy stakeholders. Organisation of each event is expected to require approximately 2–3 person-days, while the scope of activities will depend on the number of participating organisations and thematic focus.						
Availability	Networking events will be organised regularly as in-person or online meetings. Information, invitations and selected presentations will be available through the OSS website and communication channels.						
Update procedure	The programme will be updated according to stakeholder needs, emerging topics and experience gained from newly established community energy projects.						

Services: networking services

Nb of service	NETWORK-2							
Name of service	Database of experts and service providers							
Date of implementation (planned or already issued)	Planned from 2027							
Type of service	Online resource							
Useful during phase	x	emergence	x	development	x	realization	x	operation
Description	The OSS will develop and maintain a database of experts, service providers and organisations relevant to the development of community energy projects. The database will help municipalities, energy communities and other stakeholders identify suitable partners for the preparation and implementation of their projects. The contact database may include experts in legal, technical and financial advisory services, energy management, renewable energy technologies, project design and other fields related to sustainable energy. The aim is to facilitate networking and improve access to professional expertise while supporting informed decision-making by project developers. The database will be continuously updated as new organisations and areas of expertise emerge, reflecting the evolving needs of community energy projects and the development of the Czech energy sector.							
Resources used to develop the services	<u>After ECOEMPOWER</u> • Development of the database structure and identification of relevant organisations: approximately 4–5 person-days. • Initial collection and verification of contacts: approximately 3–5 person-days. • External costs are not expected. The database will be maintained as part of the OSS services and reviewed regularly to ensure that contact information and areas of expertise remain up to date.							
Availability	The database will be available through the OSS website. Contact details and the scope of expertise will be provided in accordance with applicable data protection rules.							
Update procedure	The database will be reviewed at least once a year. New experts and organisations may be added based on OSS experience, stakeholder recommendations and developments in the community energy sector.							

Services: project development assistance

Nb of service	DEV-1							
Name of service	Individual support in project preparation							
Date of implementation (planned or already issued)	Individual consultations – ongoing							
Type of service	Individual consultations							
Useful during phase	x	emergence	x	development		realization		operation
Description	The OSS provides individual support to municipalities, energy communities and other stakeholders preparing community energy projects. Building on EAZK's long-standing advisory services, this established service has been expanded within the ECOEMPOWER project to include community energy, energy sharing and renewable energy communities. The service offers tailored consultations according to the specific needs of each project. Support may include the initial assessment of project ideas, guidance on legal and organisational aspects, identification of suitable financing opportunities, stakeholder engagement and recommendations for further project development. Where appropriate, clients are referred to additional OSS services or relevant external experts. Over the next five years, the service will continue to evolve in response to legislative developments, practical experience and the increasing number of community energy projects in the Czech Republic. Particular attention will also be given to emerging topics such as flexibility, smart energy management and new business models for energy communities.							
Resources used to develop the services	<u>During ECOEMPOWER</u> • Adaptation of existing advisory services to community energy: approximately 5–7 person-days. • Individual consultations: approximately 2–4 person-days per project, depending on complexity. • External legal, technical or financial expertise, where required: EUR 100–800 per project. <u>After ECOEMPOWER</u> Individual project support will remain one of the core OSS services. Consultations will continue according to stakeholder demand and available funding, while advisory topics will be updated to reflect legislative and market developments. Individual support is expected to require approximately 2–4 person-days per project, depending on project complexity and the level of assistance required.							
Availability	Consultations will be provided upon request in person or online. Information about the service, contact details and supporting materials will be available through the OSS website.							
Update procedure	After the individual consultations, the stakeholders stay in contact and keep each other informed about the progress of the project. In case of problems, they can turn to EAZK for advice. The advisory methodology will be reviewed annually based on legislative developments, practical experience gained through supported projects and feedback from clients.							

Services: project development assistance

Nb of service	DEV-2							
Name of service	Decision-support tools for community energy projects							
Date of implementation (planned or already issued)	2026							
Type of service	Software tools							
Useful during phase	x	emergence	x	development	x	realization	x	operation
Description	The OSS will provide access to decision-support tools developed within the ECOEMPOWER project to support the planning and operation of community energy projects. The service will enable municipalities, energy communities and other stakeholders to use advanced analytical tools during project preparation and implementation with the assistance of OSS experts. The available tools will include: • Forecasting Energy Generation and Demand, supporting the prediction of renewable energy production and electricity demand; • Energy System Modelling, enabling the assessment of different technical and operational scenarios for community energy projects; • Cost Benefit Analysis, supporting the evaluation of economic feasibility and investment decisions. Rather than providing the tools as self-service applications, the OSS will assist users in selecting the appropriate tool, interpreting results and applying the outputs to project development. Training and methodological support will also be provided where appropriate.							
Resources used to develop the services	During ECOEMPOWER • Internal resources will be required for implementation, testing and user support. • Staff familiarisation and training in the use of the ECOEMPOWER tools: approximately 5–7 person-days. • Pilot testing and support for the first users: approximately 2–3 person-days. After ECOEMPOWER The service will be maintained according to stakeholder demand. The use of the decision-support tools is expected to require approximately 1–2 person-days of OSS support per community, depending on the complexity of the project and the level of assistance requested. Additional resources may be allocated to maintain user guidance and identify suitable replacement tools as the original ECOEMPOWER tools become outdated.							
Availability	The tools will be available through the OSS as part of individual advisory services. Interested municipalities and other stakeholders will receive methodological support, training and assistance in interpreting the results. Where licensing conditions permit, the tools or their outputs may also be shared directly with users.							
Update procedure	The service will be reviewed regularly. If the ECOEMPOWER tools become outdated or are no longer supported, the OSS will identify and adopt suitable replacement tools or updated methodologies to ensure continued availability of decision-support services for municipalities and energy communities.							

Services: project development assistance

Nb of service	DEV-3							
Name of service	Flexibility assessment and advisory							
Date of implementation (planned or already issued)	2028							
Type of service	Guidance materials Consultations Workshops							
Useful during phase	☐	emergence	☒	development	☒	realization	☒	operation
Description	The OSS will gradually expand its advisory services to include flexibility and other innovative energy services relevant to community energy projects. As the Czech energy market develops, municipalities and energy communities will increasingly need information on the role of flexibility, battery storage and smart energy management. The service will provide introductory guidance on flexibility opportunities, explain the regulatory framework and help stakeholders identify situations where flexibility services could enhance the economic and technical performance of community energy projects. The OSS will primarily act as an independent advisory service and, where appropriate, facilitate contact with specialised organisations. Over the next five years, the scope of the service will be adjusted according to legislative developments and the maturity of the Czech flexibility market.							
Resources used to develop the services	After ECOEMPOWER • Development of advisory materials and methodology: approximately 5–6 person-days. • Staff familiarisation and knowledge updates: approximately 2 person-days per year. • External expert support for specialised topics: estimated EUR 500–1,000. The service will be gradually integrated into the standard OSS advisory portfolio as flexibility services become more widely implemented in the Czech Republic.							
Availability	The service will be available upon request through individual consultations and selected training or seminar activities. Supporting materials will be published through the OSS website as they become available.							
Update procedure	The methodology and guidance materials will be reviewed regularly to reflect changes in legislation, electricity market rules and the development of flexibility services.							

Services: Aggregation of projects and/or support to commercialization

Nb of service	AGGREG-1						
Name of service	Clustering and cooperation support						
Date of implementation (planned or already issued)	Planned from 2026						
Type of service	Guidelines Clustering Promotion						
Useful during phase	☐	emergence	☐	development	☒	realization	☒ operation
Description	The OSS will support municipalities and other stakeholders in identifying opportunities for cooperation during the preparation and implementation of community energy projects. The service aims to facilitate collaboration between project promoters, encourage the development of joint initiatives and help identify economically viable solutions through project clustering. The service will provide guidance on possible cooperation models, joint procurement opportunities, shared project development and other forms of collaboration that may improve project feasibility and long-term sustainability. Where appropriate, the OSS will facilitate contacts between relevant stakeholders and provide information on market opportunities related to community energy. Over the next five years, the service will gradually evolve in response to legislative developments and the increasing number of community energy projects in the Czech Republic.						
Resources used to develop the services	After ECOEMPOWER • Development of the service concept and methodology: approximately 4–5 person-days. • Facilitation of cooperation between stakeholders: approximately 2–3 person-days per initiative. • External expert support, where required (legal or business expertise): estimated EUR 300–700 per case. The service will continue as part of the OSS advisory portfolio and will be further developed according to stakeholder demand and the evolution of community energy business models.						
Availability	The service will be provided upon request through individual consultations and thematic meetings. Supporting information and contact details will be available through the OSS website.						
Update procedure	The service methodology will be reviewed annually based on practical experience, legislative developments and feedback from municipalities and other stakeholders.						

Services: assistance to policy development

Nb of service	POLICY-1							
Name of service	Support for policy makers							
Date of implementation (planned or already issued)	Ongoing							
Type of service	Recommendations for policy makers							
Useful during phase	x	emergence	x	development	x	realization	x	operation
Description	The OSS provides expert support to municipalities, regional authorities and public institutions involved in developing policies, strategies and action plans related to sustainable energy and community energy. Building on EAZK's long-standing experience in strategic energy planning, the service has been expanded within the ECOEMPOWER project to incorporate community energy and energy sharing. The service includes expert consultations, participation in working groups, comments on strategic documents and recommendations related to legislative developments, funding opportunities and the integration of community energy into local and regional policies. The objective is to support informed decision-making and support an enabling environment for the development of community energy in the Czech Republic. Over the next five years, the service will continue to reflect changes in national and European legislation, as well as practical experience gained through the implementation of community energy projects.							
Resources used to develop the services	<u>During ECOEMPOWER</u> - Adaptation of existing advisory activities to community energy topics: approximately 4–5 person-days. - Expert consultations and participation in policy discussions: approximately 2–3 person-days per request. - External expertise, where specialised legal or regulatory input is required: estimated EUR 200–800 per assignment. <u>After ECOEMPOWER</u> Support for policy makers will remain a permanent OSS service. EAZK will continue providing expert input to municipalities and public authorities while incorporating new legislative developments and lessons learned from practical implementation. Depending on the scope of the assignment, expert support is expected to require approximately 2–3 person-days per request.							
Availability	Support will be provided upon request through individual consultations, meetings and participation in working groups. Relevant guidance materials and contact information will be available through the OSS website.							
Update procedure	The service will be reviewed annually and updated whenever significant legislative or policy developments occur at national or European level.							

SYNTHETIC SCHEDULE

DATE	NUMBER	NAME
Ongoing	AWAR-1	Seminars
2026	AWAR-2	Communication and dissemination activities
Ongoing	CAPA-1	Trainings
2026	NETWORK-1	Sharing best practices
2027	NETWORK-2	Database of experts and service providers
Ongoing	DEV-1	Individual support in project preparation
2026	DEV-2	Decision-support tools for community energy projects
2028	DEV-3	Flexibility assessment and advisory
2026	AGGREG-1	Clustering and cooperation support
Ongoing	POLICY-1	Support for policy makers

Sustainability of the OSS

The sustainability of the One-Stop Shop (OSS) will be ensured by integrating the services developed within the ECOEMPOWER project into the long-term activities of the Energy Agency of the Zlín Region (EAZK). As a regional organisation established and financially supported by the Zlín Region, EAZK already provides advisory services in the field of sustainable energy and will continue to expand these services to include community energy after the end of the project.

The OSS services will be delivered by EAZK staff with expertise in energy management, renewable energy, project development, strategic planning and public administration. Existing EAZK staff capacities will be used to maintain the core services, while specialised legal, technical or economic expertise will be procured externally whenever required. Depending on stakeholder demand, individual services are expected to require approximately **1–4 person-days per request, project or event**, as described in the individual service fiches. External expertise will mainly be used for specialised legal assessments, economic analyses or expert lectures, with estimated costs generally ranging between **EUR 200 and EUR 800 per assignment**.

The OSS will continue to organise seminars, training sessions and individual consultations, maintain advisory materials, update the database of experts and service providers, and provide access to decision-support tools developed within the ECOEMPOWER project. As these tools become outdated, EAZK will identify and introduce suitable alternative solutions to ensure that municipalities and energy communities continue to have access to up-to-date analytical support.

The operation of the OSS over the next five years will primarily be financed from EAZK's regular operational budget provided by the Zlín Region. Additional resources for the further development of services, communication activities and specialised expertise will be sought through national and European funding programmes supporting sustainable energy, community energy and regional development. This combination of institutional support and project-based funding provides a realistic basis for maintaining and gradually developing the OSS beyond the lifetime of the ECOEMPOWER project.

The scope and intensity of individual services will be adjusted according to stakeholder demand, ensuring efficient use of available resources while maintaining high-quality support for municipalities, energy communities and other relevant stakeholders.

OSS'S SERVICES TESTED IN PILOT SITES

Introduction

Each OSS initiated within the ECOEMPOWER project has developed a roadmap of services describing the support to be provided to energy communities during the project lifespan until 5 years after its end. These services cover different categories listed below:

- awareness raising, facilitation and communication
- capacity building of energy communities and/or local public authorities
- networking services
- project development assistance
- Aggregation of projects and/or support to commercialization
- assistance to policy development

3 of these services have been tested in the pilot sites during the course of the project.

The present document aims at describing the way these 3 services were tested and the lessons that were learnt from that experience.

Description of the testing n°1

Name of service tested : Awar-1, Dev-1

Category

- ☒ awareness raising, facilitation and communication
- ☐ capacity building of energy communities and/or local public authorities
- ☐ networking services
- ☒ project development assistance
- ☐ aggregation of projects and/or support to commercialization
- ☐ assistance to policy development

Date or period of testing : 2025-2026

Name of site pilot concerned : Vlčnov, Slavičín, Zlín

Qualitative description :

The main objective of this service is to engage municipal representatives and support them in understanding the opportunities and practical implications of local energy sharing and renewable energy management. As a first step, the agency approached each pilot municipality individually and introduced the topic of electricity sharing directly to its leadership. In Slavičín, this began with a bilateral meeting with the Mayor, followed by a meeting with the municipal heating operator (BTH Slavičín) to identify suitable buildings and metering points for future sharing. In Zlín, the agency held a bilateral meeting with a City Councilor, laying the ground for the subsequent establishment of the Zlín Energy Community. In Vlčnov, individual engagement started with a bilateral meeting with the Mayor, followed by two working meetings with municipal representatives.

Alongside these one-to-one meetings, the agency raised awareness among municipal decision-makers more broadly: at a dedicated session at the Conference of Mayors of the Zlín Region in Luhačovice in November 2024 (approx. 200 participants), and through two thematic seminars in Zlín — in April 2025 (74 participants) and in September 2025 (51 participants) — which explained the legislative, technical and organisational aspects of electricity sharing to municipal and regional stakeholders.

The next step, assessing each municipality's energy situation, was carried out individually for the three pilot sites. In Vlčnov, the agency reviewed the allocation key settings applied under the active customer scheme and discussed adjustments to increase self-consumption of surplus generation. In Slavičín, together with BTH Slavičín, the agency mapped the town's buildings, metering points and generation assets to identify suitable zones for future sharing. In Zlín, the assessment was carried out with Teplo Zlín, coordinator of the Zlín Energy Community: a meeting reviewed the community's composition and its metering set-up. A further meeting with Zoo Zlín in June 2025 supported the preparation of an application for a new photovoltaic installation of approximately 722 kWp.

At this point, the agency takes on the role of energy sharing coordinator. Based on authorisations provided by municipalities, the agency supports the establishment of energy sharing groups and subsequently assists with their management and coordination. To streamline this process, a dedicated internal Excel-based tool was developed. The tool collects and organises operational data, helps maintain a clear overview across multiple sharing groups, and enables the generation of statistics and reporting.

As part of this comprehensive approach, the agency also facilitates discussions on further development of the municipalities' renewable energy portfolio and advises on strategic investment options and financial feasibility.

The service also includes an individual assessment of future development potential and financing opportunities. The agency provides end-to-end project preparation support, including technical planning

carried out by in-house architects and technical specialists, as well as administrative support related to grant applications and funding programmes.

Quantitative description (key figures)

Vlčnov: sharing energy since 2024. In 2025, the municipality shared a total of 142.8 MWh.

Zlín:

- The city established an energy community and currently shares electricity through a group of five active consumers. During the first quarter of 2026, a total of 23.6 MWh of electricity was shared.
- A new photovoltaic installation was commissioned on the building of ZOO Zlín — the first project of this kind in the Czech Republic. The newly installed PV capacity is 722 kWp, with a total investment exceeding EUR 1.1 million (excluding VAT).

Lessons learnt

What feedback did the beneficiaries of the service give on the service tested?

Within the ECOEMPOWER project, the agency was able to build further on its long-standing cooperation with municipalities across the Zlín Region, strengthening this relationship through new forms of support. Municipal representatives regularly return to the agency with new requests for assistance, which confirms the perceived value of the services delivered under the project.

Beneficiaries particularly appreciate the practical guidance, individual approach, and the agency's ability to combine technical expertise with administrative and funding support — elements that were further reinforced through the activities carried out during ECOEMPOWER.

Do you intend to replicate this service exactly in the same way or do you plan to modify some parts of it? If yes, describe the modifications which will be implemented.

The service—particularly the one-to-one development assistance component—is highly individualised by nature. For this reason, it is continuously adapted to reflect the specific needs, priorities and capacities of each municipality.

The service is therefore expected to continue in the same overall format while being improved on an ongoing basis through practical experience and feedback from beneficiaries.

From 2026 onwards, the agency's team is being expanded in order to support a larger number of interested municipalities. In addition, both new and existing staff members completed specialised training as certified energy managers and successfully passed the certification examinations in June 2026. This strengthens the agency's internal capacity and enhances the technical quality of support provided to municipalities.

Description of the testing n°2

Name of service tested: POLICY-1

Category

- ☐ awareness raising, facilitation and communication
- ☐ capacity building of energy communities and/or local public authorities
- ☐ networking services
- ☐ project development assistance
- ☐ aggregation of projects and/or support to commercialization
- ☒ assistance to policy development

Date or period of testing: 2024-2026

Name of site pilot concerned: representatives of the regional authority and, where relevant, representatives of individual municipalities

Qualitative description:

The agency regularly organises training sessions and expert workshops for representatives of regional institutions and, where relevant, for municipal officials from individual towns and municipalities. The objective of these trainings is to strengthen institutional capacity and provide participants with up-to-date information across a broad range of energy-related topics. The content covers technical, legislative and economic aspects of energy management and sustainable energy planning. Within the ECOEMPOWER framework, the topic of energy sharing was added as an important new area, as it intersects with and influences all of these broader themes.

In addition to capacity-building activities, the agency also provides direct support in the preparation of strategic and policy documents, such as local energy concepts and Sustainable Energy and Climate Action Plan (SECAP) documents.

This area of expertise was further strengthened through the agency's participation in the certified energy manager training programme mentioned above. As a result, the agency now has a larger number of qualified specialists who are able to support municipalities and regional stakeholders with strategic planning and policy development in the energy field.

Quantitative description (key figures)

The most recent training session took place in April 2026 and lasted approximately 3 hours. It was attended by 10 representatives of the regional authority.

As community energy and electricity sharing are increasingly becoming an integral part of regional and municipal energy strategies, the session addressed them as part of broader strategic energy planning, together with the

preparation of related policy documents such as local energy concepts and Sustainable Energy and Climate Action Plans (SECAP).



Lessons learnt

What feedback did the beneficiaries of the service give on the service tested?

A practical indicator of the value of this service is the continuous demand from regional and municipal stakeholders for additional training sessions and expert support. Beneficiaries particularly value the relevance of the topics covered, the practical orientation of the sessions, and the agency's ability to provide up-to-date information tailored to current legislative and technical developments.

The inclusion of energy sharing within the training programme has also been perceived as particularly useful, as this topic is becoming increasingly relevant for municipalities and public institutions.

Do you intend to replicate this service exactly in the same way or do you plan to modify some parts of it? If yes, describe the modifications which will be implemented.

Similarly to project development assistance, this service is intended to continue while being continuously improved.

The content of individual training sessions is always adapted to the needs of specific participants, to current developments in the energy sector, and to the priorities identified by the regional authority.

Future improvements will therefore focus mainly on updating the content in response to legislative and market developments and on further tailoring the training and advisory activities to the practical needs of participating institutions. The strengthened internal expertise of the agency will also allow for broader and more specialised support in strategic energy planning.

Description of the testing n°3

Name of service tested: NETWORK-1

Category:

- ☐ awareness raising, facilitation and communication
- ☐ capacity building of energy communities and/or local public authorities
- ☒ networking services
- ☐ project development assistance
- ☐ aggregation of projects and/or support to commercialization
- ☐ assistance to policy development

Date or period of testing: 2026

Name of site pilot concerned: Zlín, other communities

Qualitative description:

From 2026 onwards, the agency expanded its seminars on community energy by systematically incorporating examples of good practice as part of the networking activities.

The aim of this service is to connect municipalities and other stakeholders with practical examples of community energy initiatives and to facilitate peer learning through the exchange of experience and inspiration.

One of the examples presented is the agency's own pilot initiative in Zlín. Another important case study is ENERKOM, which was presented as an example of an active and successful community energy initiative, including its practical experience, organisational model and implementation approach.

In addition to national examples, the agency also introduced international best-practice cases. These included the pilot initiative of one of the project partners, Centrales Villageoises, which offered valuable insight into how community energy can be organised and managed in other European contexts.

The overall objective is to demonstrate practical implementation pathways, share lessons learned, and create opportunities for discussion between stakeholders. By combining local and international examples, the service helps participants better understand different organisational models and identify approaches that may be transferable to their own municipalities or regions.

Quantitative description (key figures)

The service has been tested through a series of three seminars (April 2025, September 2025, May 2026), with participation growing from 51 to 82 participants across the series.

Each seminar connected participants with at least one national good-practice example (the agency's own Zlín pilot, and/or ENERKOM Slovákko) and one international examples (project-partner pilot like Centrales Villageoises), giving participants exposure to both domestic and cross-border organisational models.

At the most recent seminar (12 May 2026, 82 participants), a feedback questionnaire was distributed to measure participant response; 15 completed questionnaires have been collected so far (a response rate of approximately 18%).





Lessons learnt

What feedback did the beneficiaries of the service give on the service tested?

Participants showed strong interest in the practical examples presented and actively engaged in discussions by asking follow-up questions and requesting additional details.

Practical case studies were consistently perceived as highly valuable, as they provide clearer insight into implementation than theoretical presentations alone. Participants particularly appreciated seeing real-life examples of how community energy initiatives are organised and managed in practice, including both local and international perspectives.

The inclusion of examples from abroad was also considered beneficial, especially given the still limited number of established community energy initiatives currently operating in the Czech Republic.

Do you intend to replicate this service exactly in the same way or do you plan to modify some parts of it? If yes, describe the modifications which will be implemented.

A potential improvement would be to include additional community energy initiatives and invite representatives from other regions to share their experience directly with participants. This would broaden the range of perspectives and strengthen peer-learning opportunities.

At present, the limited number of operational community energy initiatives in the Czech Republic remains a challenge, which is why international examples currently play an important role in the service. Going forward, the agency aims to gradually expand the portfolio of Czech examples as new initiatives emerge, while maintaining the international dimension as a valuable source of inspiration and comparison.

REGIONAL ECOSYSTEM: FRANCE - ASSOCIATION CENTRALES VILLAGEOISES (ACV)

Introduction

This service roadmap has been worked out within the framework of ECOEMPOWER project. It is straightly linked to the strategic plan which has been set up to develop a regional One-Stop Shop (OSS) for energy communities. Only the new services, developed within the framework of ECOEMPOWER are described here.

The OSS is available at the web link : <https://www.centralesvillageoises.fr/>

Aim of this roadmap is to describe which services will be proposed to the energy communities until 2031 so as to give more visibility to the OSS uptake.

This document is the final version of the roadmap elaborated on the basis of the first draft delivered in April 2025.

Typology of services

The service roadmap is built around different categories which are the following:

- **awareness raising, facilitation and communication:** the OSS will help people be more informed about energy communities, RES projects, legal context so that they can be guided in the emergence of local communities. Communication tools should also be developed to help energy communities target various stakeholders and invite them to join their initiative: citizens, municipalities, local companies, NGOs, etc.
- **capacity building of energy communities and/or local public authorities:** the OSS will develop dedicated training sessions on project implementation, financing schemes, legal responsibilities, technical topics, etc. Aim of these tools is to help communities 'members develop their skills and gain more autonomy. Public bodies should be also targeted through these sessions, so that they can support more easily the emerging projects.
- **networking services:** the OSS plans to host networking events at different geographical scales so that people can share their experience and improve the development of their projects. Networking is essential to create some links between local stakeholders and create synergies between citizens, companies and municipalities.
- **project development assistance:** the OSS is expected to develop technical tools to provide assistance on legal contracts, business plans, technical sizing of RES plants, etc. This assistance can be developed either internally or through external expertise.
- **Aggregation of projects and/or support to commercialization:** this range of services covers all the services that can be shared and collectively negotiated by energy communities such as policy insurances, bank partnerships, accounting services, equipment providers, etc.
- **assistance to policy development:** the OSS should monitor the gaps in the policy framework and be able to formulate pleadings for the evolution of e.g. assessing regional needs, benchmarking with other regions/countries, policy recommendations)

The following pages provide a descriptive sheet for each service according to each of the 6 categories. A summary of the service deployment schedule is given at the end.

Services: awareness raising, facilitation and communication

Nb of service	AWAR-1							
Name of service	Training sessions about communication							
Date of implementation (planned or already issued)	October 2025 and then once a year approximately							
Type of service	Training session							
Useful during phase	x	emergence	x	development	x	realization	x	operation
Description	The aim of this training session is to give energy communities the best practices for communicating in a coherent and impactful way. The aim is to help them recruit new volunteers and new subscribers, and to raise their profile with the general public and institutions. This training is useful for all energy communities, whatever their level of maturity.							
Resources used to develop the services	1st session organised : - Internal expertise : estimation of 3 work days to select the trainer, agree on the content, promote the training and manage the practical aspects - External expertise (ECLR Occitanie) Budget : 1300€/session Next sessions : - Internal expertise : 4 days / session to manage the practical aspects, prepare and deliver the content							
Availability	Approximately 1 session per year will be organised online (2 x half day), The session will be free for all participants members of an energy community during ECOEMPOWER project. After ECOEMPOWER, the sessions will be financed thanks to participant fees							
Update procedure	The training session will be offered approximately every year. The content of the next session will take into account the participant's feedback.							

Nb of service	AWAR-2							
Name of service	Webpage about Energy Communities							
Date of implementation (planned or already issued)	End 2026							
Type of service	Webpage							
Useful during phase	x	emergence	x	development	x	realization	x	operation

Description	The aim of the webpage will be to explain the european and national legal framework about energy communities. It will be target to all stakeholders (municipalities, citizens both involved or not already involved in energy communities, companies, etc.) In order to be clear and easy to understand, it will explain how the energy communities works thanks to the Centrales Villageoises example. It will give concrete example of energy communities projects in France and abroad. A specific point regarding the difference between energy communities and energy sharing will be highlited.
Resources used to develop the services	Internal expertise: 2 days to write the content and to create link to relevant external resources. The update should require around 0.5 to 1 day / year
Availability	The webpage will be available for all, for free
Update procedure	The webpage will be regularly updated (at least once a year), following the regulation updates about energy communities.

Services: capacity building of energy communities and/or local public authorities

Nb of service	CAPA-1							
Name of service	Training sessions on citizen engagement in energy communities							
Date of implementation (planned or already issued)	2 sessions done in 2024 1 session done in 2025 1 session done in 2026							
Type of service	Training session							
Useful during phase	☐	emergence	☐	development	☒	realization	☒	operation
Description	The main aim of this training course is to improve the collective dynamic within energy communities and strengthen their ability to recruit new members. It proposes analysing and working on the internal organisation of the collectives, with particular emphasis on the efficient distribution of tasks. It also offers concrete strategies for integrating new volunteers and suggests appropriate leadership tools.							
Resources used to develop the services	Estimated effort and breakdown for developing this training module: - Provider selection: 1 day - Training design and development: 3 days 2 day to build the initial training structure 1 additional day to refine and adjust the content after the first test iteration Once the training is developed: - Internal expertise : - Preparation (logistics, setup, briefing): 2 days - Facilitation: 1 day - External expertise (training co-facilitated with Animacoop): - Budget: €900 per session							
Availability	1 session per year will be organised (online or in person according to local needs) for existing energy communities. The session will be free for all participants members of an energy community during ECOEMPOWER project. After the project the training should be financed thanks to funding from private foundation (one funding obtained, one request ongoing) and free of charge for participants.							
Update procedure	The content of the training will take into account the participant's feedback and the context of the participants. A videoconference meeting will be offered to participants a few months after the training to follow up the actions undertaken within the energy community following the training. "A level 2 training" is planned for members which will have already followed the training session.							
Nb of service	CAPA-2							
Name of service	Seminars on internal structuring of the energy community							

Date of implementation (planned or already issued)	2 seminars done in 2025 At least 2 seminars planned in 2026						
Type of service	Seminar						
Useful during phase		emergence		development		realization	x operation
Description	The primary objective of these seminars is to provide tailored, hands-on support to energy communities across several key areas: • Strategy & Shared Vision: Step back from day-to-day operations to reflect on progress, refine the mid-term collective project, and align on clear, shared priorities. • Governance & Organization: Structure or clarify the organizational model, and foster a common culture around decision-making and governance. • Engagement & Communication: Strengthen the visibility of the energy community and design effective campaigns for fundraising or volunteer recruitment.						
Resources used to develop the services	Resources used to develop and deliver a seminar: • Initial scoping and needs assessment: 0.5 day • Seminar design and content development: 1 day • Seminar facilitation (internal expertise): 1 day						
Availability	Sessions will be scheduled based on incoming requests. After 2 first sessions in 2025, two are planned for the end of 2026 Regarding volunteer engagement and renewal, a funding application with a private foundation is currently under review to support around 25 collectives free of charge on these topics from 2027 until 2029						
Update procedure	Content is structured around the three core themes and tailored to the specific needs of each energy community						

Nb of service	CAPA-3						
Name of service	Training session on monitoring and inspection of PV installations						
Date of implementation (planned or already issued)	Updating the training module during 2025 and organising a session in late 2025						
Type of service	Training session						
Useful during phase		emergence		development	x	realization	x operation
Description	Training session for volunteers involved in energy communities on the inspection and monitoring of operational photovoltaic installations (15 to 20 participants / session expected). Organised online (2 x half day)						

Resources used to develop the services	External expertise : INES (budget : 2400€) Internal expertise : 3 days / session
Availability	The session was available for all members of energy communities for free. After ECOEMPOWER, these sessions will be financed by participant fees.
Update procedure	A new session will be organised each year, taking into account the analysis of the satisfaction questionnaires

Nb of service	CAPA-4							
Name of service	Webpage dedicated to renewable heat projects							
Date of implementation (planned or already issued)	End 2026							
Type of service	Webpage							
Useful during phase	x	emergence	x	development	x	realization	x	operation
Description	The creation of this new page on the OSS website would enable energy communities to be informed about renewable heat projects and give them the keys to understanding the issues involved before launching a project. It could contain: - general information on renewable thermal energy (solar thermal, wood, geothermal) and links to more detailed external resources; - a summary of the main issues to be taken into account when developing such projects, and initial decision-making aids to help identify which type of energy can be used to address which issue; - feedback from renewable heat projects carried out by energy communities or with the participation of energy communities.							
Resources used to develop the services	Expertise from Auvergne-Rhône-Alpes Energie Environnement (2 days) Internal expertise : 3 to 5 days to set up the webpage, 1 day / year to update it							
Availability	This webpage will be available for all in the OSS website							
Update procedure	The content may be supplemented and revised each year, in line with regulatory changes and projects completed by energy communities.							

Nb of service	CAPA-5							
Name of service	Training in electrical accreditation							
Date of implementation (planned or already issued)	End 2027							
Type of service	Training session for accreditation							

Useful phase	during	emergence	development	x	realization	x	operation
Description	Training session tailored for volunteers involved in energy communities who want to be more involved in the maintenance of the photovoltaic installations. The training would enable them to carry out work on electrical installations, having the necessary technical knowledge, authorisations and insurance.						
Resources used to develop the services	External expertise: INES Internal expertise: 3 days for the adaptation of the session, practical organisation, and promotion of the session.						
Availability	The training session will be open to member of energy communities. The OSS will work with the certified training entity (INES) in order to reduce the cost for participants as much as possible. The training session will be paid by the participants directly to the training entity.						
Update procedure	After the first session, an analysis of the satisfaction of the trainees will be organised, taking into account the maintenance work they could achieved locally thanks to the training. Is the conclusions are positive, this first experience will be promoted through the energy communities network in order to organise new sessions.						

Services: networking services

Nb of service	NETWORK-1						
Name of service	Procedure for welcoming and integrating new energy communities into the network						
Date of implementation (planned or already issued)	Already issued but continually improved						
Type of service	Webinar, guidelines						
Useful during phase	x	emergence		development		realization	operation
Description	In order to effectively integrate the emerging energy communities and enable them to benefit from the contribution of the OSS and the other energy communities in the network, various actions are proposed: - the organisation of webinars for “general public” in order to explain what energy communities are and how to join the Centrales Villageoises’ network - the organisation of a webinar to discuss the emerging energy community's project and validate its entry into the Centrales Villageoises’ network - the organisation of a webinar dedicated to Centrales Villageoises’ new volunteers, to give them a detailed presentation of the services offered by the OSS - the introduction of a mentoring system between new and existing energy communities, structured by the OSS through an explanatory sheet.						
Resources used to develop the services	Internal expertise. Estimated annual working days : - 2 days for the organisation of 2 “general public” webinars (practical organisation, promotion, content preparation, replay promotion) - 2 to 5 days for the validation process of new energy communities in the network (depending on how many new EC are created) - 1 day for the organisation of 2 webinars dedicated to new volunteers - 2 days for the mentoring system management						
Availability	Webinar to present energy communities and the network : every 6 months Webinar to welcome energy communities: on demand Webinar to welcome new volunteers: every 6 months Explanatory sheet about mentoring: available online for members + dedicated meetings All are available for free						
Update procedure	The explanatory sheet about mentoring will be updated every year with feedback and best practices from energy communities.						

Nb of service	NETWORK-2
Name of service	Annual gathering of Centrales Villageoises

Date of implementation (planned or already issued)	Event organised every year. Issue organised as part of ECOEMPOWER in march 2026							
Type of service	Networking event							
Useful during phase	x	emergence	x	development	x	realization	x	operation
Description	This event aims to bring together all the energy communities that are members of the Centrales Villageoises network, as well as its partners (external facilitators, other organisations involved in energy communities, technical and financial partners, etc.). It gathers around 100 participants. Organised over two days, it allows members of energy communities to meet and discuss their issues, both informally and during workshops on current topics relating to legal, technical, regulatory and social aspects. Finally, it is an opportunity to present the actions carried out by the association as a 'one-stop shop', to gather the needs of members and to carry out the formalities of the general assembly.							
Resources used to develop the services	Internal expertise. Estimated annual working days : 25 days distributed in the staff Budget for room hire and catering : 6500 €							
Availability	In-person event organised every year. Members of the energy communities from the Centrales Villageoises'' network and partners are welcome for free							
Update procedure	A feedback session is organised with all participants during the event so that participants can indicate what they liked and disliked. Another debriefing takes place a few weeks later at the board meeting. The points raised during these sessions are taken into account when organising the following year's event.							

Nb of service	NETWORK-3							
Name of service	Development of partnerships with third parties not linked to the energy sector							
Date of implementation (planned or already issued)	31/12/2027							
Type of service	Partnerships							
Useful during phase	x	emergence	x	development	x	realization	x	operation

Description	The aim of this service is to forge links with third parties that are not involved in the energy sector but could bring added value to the development and consolidation of energy communities. We are thinking, for example, of national networks of associations involved in solidarity or ecological, agricultural, or societal transition initiatives (e.g., Emmaüs, MFR, Terres de Liens, Villages Vivants, etc.) that have land throughout France that could be equipped with photovoltaic panels by local energy communities, and that have strong networks of local volunteers and beneficiaries who could be interested in learning about and getting involved in our energy communities. We are also considering networks of local authorities (AMRF) and social and solidarity economy enterprises (CRESS) with which it would be relevant to work more closely. This would allow for greater diversification in the involvement of members in energy communities, as well as new opportunities for renewable energy production projects.
Resources used to develop the services	Internal expertise. Estimated working days : 10 days / partnership to set it up the 1 st year, and 3 to 5 days / year to facilitate the created partnerships
Availability	National partnerships will be established and promoted among energy communities, with each community having the opportunity to use this framework to forge local links with partner stakeholders. The One Stop Shop will facilitate networking for any energy community that requests it.
Update procedure	National partnerships will meet at least once a year to review their functioning, impact, and relevance.

Services: project development assistance

Nb of service	DEV-1						
Name of service	Monitoring tool for renewable energy systems						
Date of implementation (planned or already issued)	Mid-2026						
Type of service	Partnership						
Useful during phase		emergence		development		realization	x operation
Description	The aim of the service is to provide energy communities with a simple and cost-effective solution for monitoring photovoltaic installations. The first option involved developing an in-house monitoring solution based on data retrieval from smart meters. This project ultimately proved too complex, and an alternative solution was chosen: negotiating a suitable partnership with a provider offering an existing monitoring solution. The partnership provides energy communities with more affordable access to the monitoring platform and will enable the OSS to gain an overview of all the generation facilities operated by the energy communities.						
Resources used to develop the services	4 months-internship in 2025 has enabled progress to be made on this issue by validating certification with the DSO (ENEDIS) in order to access production data. A change in strategy led to the negotiation of a partnership with an established player. It took around five days' work to finalise the partnership						
Availability	Access to the partnership available on demand for the energy community (for free, but the monitoring service is payable)						
Update procedure	This point will depend on the user's feedback about the monitoring tool.						

Nb of service	DEV-2						
Name of service	Company-wide business plan simulator						
Date of implementation (planned or already issued)	Scheduled for mid-2026 Will be updated once a year						
Type of service	Excel tool						
Useful during phase		emergence		development		realization	x operation
Description	This tool aims to simulate the business plan of an energy community, taking into account several activities/investment projects and including personnel costs (company-wide business plan).						

Resources used to develop the services	Internal expertise (7 working days for adaptation and testings) thanks to a first tool developed by BAUM as part of ECOEMPOWER. The updates and support to users will require 1 to 2 days / year
Availability	The tool will be available online, accessible for all, for free
Update procedure	The tool will be regularly updated (at least once a year), taking into account : - User's feedbacks - Changes of legislation (ex : taxes)

Nb of service	DEV-3						
Name of service	Training session and toolkit on ground-mounted PV project development						
Date of implementation (planned or already issued)	2 sessions of the training done at the end of 2025 and 1 session done at the beginning of 2026 Toolkit to be built in stages by the end of 2026						
Type of service	Guidelines + templates + training session						
Useful during phase		emergence	x	development	x	realization	operation
Description	The toolbox we want to develop will include explanatory sheets to guide energy communities in the development of small-scale ground-mounted photovoltaic projects, as well as templates of useful documents to facilitate the process. In addition, training sessions explaining the regulatory framework and all the steps to be taken to develop this type of project will be offered to energy communities.						
Resources used to develop the services	Internal expertise: 15 to 20 working days estimated to set up the training course, deliver the 3 first sessions and set up first tools. External expertise: testimonials from several energy communities used in order to build the training / tools.						
Availability	During ECOEMPOWER, the training sessions will be open to every energy community member and will be free. After the project, the sessions will be financed thanks to fundings from regions and participants fees. The tools will be available online. Some of them may be restricted to ACV members.						
Update procedure	The toolbox will be continuously updated and completed with new content thanks to energy communities feedback about their projects.						

Nb of service	DEV-4
Name of service	Support for the national bidding process
Date of implementation (planned or already issued)	Mid 2027
Type of service	Guidelines + templates + personalized support

Useful phase	during		emergence	x	development	x	realization		operation
Description	The aim of this service is to provide support to energy communities that intend to participate to a national bidding process in order to benefit from a support mechanism for energy sale. It will include guidelines explaining how to participate to a national bidding process that will highlight the key points and give feedbacks from previous procedures led by energy communities or other actors; templates of documents needed to apply; and personalized support provided by the staff to the energy communities.								
Resources used to develop the services	Internal expertise : 10 to 15 working days required to support a pilot and create dedicated guidelines and templates The 3 to 5 days per energy communities with personalized support.								
Availability	Available for members. Guidelines and templates will be free, the dedicated support may be invoice to the energy community								
Update procedure	The guidelines and templates will be updated and adapted for each new bidding period								

Services: Aggregation of projects and/or support to commercialization

Nb of service	AGGREG-1							
Name of service	Partnership with a notary office							
Date of implementation (planned or already issued)	Issued since 2024							
Type of service	Partnership with associated documents (explanatory sheet and lease template) and a standard offer for energy communities							
Useful during phase		emergence		development	x	realization		operation
Description	The aim of this partnership is to facilitate the signing of leases for the roofs or land on which the renewable energy production plants will be installed. To achieve this, a partnership has been set up with a notary to standardise a model lease, clarify the signing procedure and list the documents to be provided by the energy community, and set up a tariff for the notary’s services. An explanatory sheet provides a framework for the partnership. The OSS acts as an intermediary between the notary and the energy communities and monitors the operations carried out under the partnership.							
Resources used to develop the services	External expertise (notary office) Internal resources necessary to set up and follow the partnership : - 5 days to set up the partnership, agree on the standard documents to be used and monitor a ‘pilot project’ - 1 day/year to monitor the partnership and make any necessary adjustments							
Availability	Access to the partnership available on demand for the energy community (for free, but the notary’s service is payable)							
Update procedure	A follow-up of the partnership will be done by the OSS. If necessary the partnership conditions will be re-negotiated by the OSS							

Nb of service	AGGREG-2							
Name of service	Continuous benchmarking of project financing conditions							
Date of implementation (planned or already issued)	End of 2025 To be updated every year							
Type of service	Factsheet and contact details							
Useful during phase		emergence	x	development	x	realization		operation

Description	A catalogue of current banking offers, compiled through interviews with various banks that have previously financed energy community projects. The OSS specifically asks banking partners about the financing terms (duration, interest rates, required guarantees) for new types of projects (e.g. self-consumption, larger ground-mounted solar farm projects, etc.)
Resources used to develop the services	3 days / year
Availability	Available for free for all members
Update procedure	New interviews to organise every year

Nb of service	AGGREG-3						
Name of service	Partnership with a balance manager for the electricity grid						
Date of implementation (planned or already issued)	End 2026						
Type of service	Partnership with associated documents (explanatory sheet) and a standard offer for energy communities						
Useful during phase		emergence		development	x	realization	x operation
Description	The aim of this partnership is to identify a competent player to act as the balance manager for the electricity grid, capable of offering energy communities a solution for integrating renewable energy production plants developed within its balance perimeter. This will enable energy communities to facilitate the development of new renewable energy projects outside the scope of “feed-in tariff”, which are set to disappear in the short or medium term.						
Resources used to develop the services	Internal resources necessary to set up and follow the partnership : - 10 days to interview the different balance managers, to select one and set up the partnership, agree on the standard documents to be used and monitor a ‘pilot project’ - 2 day/year to monitor the partnership and make any necessary adjustments						
Availability	Access to the partnership available on demand for the energy community (for free, but the balance manager’ service is payable)						
Update procedure	A follow-up of the partnership will be done by the OSS. If necessary the partnership conditions will be re-negotiated by the OSS						

Nb of service	AGGREG-4						
Name of service	Establishment of a solidarity fund between energy communities						
Date of implementation (planned or already issued)	Mid 2027						
Type of service	Financial service						
Useful during phase		emergence	x	development	x	realization	x operation

Description	The concept of the solidarity fund is broad and has not yet been fully defined. The aim is to establish various mechanisms for financial solidarity between energy communities, so that they can easily support one another when one of them encounters difficulties. The first concrete scenario the OSS is working on is the introduction of cash advances between energy communities. The idea is for the OSS to connect the beneficiary energy community with those who can provide support, and to establish a standard, replicable framework for the provision of financial contributions via members' current accounts.
Resources used to develop the services	15 to 20 days to facilitate working groups with stakeholders and establish the framework for the initiative, followed by monitoring one or more initial pilot projects. Then 5 days per year to oversee the scheme. Additional working days expected if we develop other kind of financial solidarity services between energy communities.
Availability	The service will be available free of charge to members, who will nevertheless need to provide the necessary evidence to justify and defend their request to the other energy communities
Update procedure	A working group composed by energy communities will help to set up and update the services. At least 1 meeting / year will be organised.

Services: assistance to policy development

Nb of service	POLICY-1						
Name of service	Provision of advocacy resources for energy communities						
Date of implementation (planned or already issued)	Issued at the end of 2025						
Type of service	Guidelines						
Useful during phase	☐	emergence	☐	development	☐	realization	☒ operation
Description	The aim of this service is to provide energy communities with a set of proposals for regulatory changes that will encourage the development of energy communities, so that they can relay these proposals on to their members of parliament. This advocacy is developed by the OSS on the basis of feedback from the energy communities and may draw inspiration from the support mechanisms for energy communities in force in the other member countries of the European Union.						
Resources used to develop the services	Internal expertise : 3 working days to set up a first toolkit with proposal + 2 to 5 days/year to update it and support the energy communities using it						
Availability	The guidelines are available online, accessible for all members, for free.						
Update procedure	The proposals will be regularly updated (at least twice a year), on the basis of regulatory developments and feedback from energy communities in the field.						

SYNTHETIC SCHEDULE

DATE	NUMBER	NAME
Already issued	NETWORK-1	Procedure for welcoming and integrating new energy communities into the network
Since 2024	AGGREG-1	Partnership with a notary office
Since 2024	CAPA-1	Training sessions on citizen engagement in energy communities
Mid 2024	CAPA-2	Seminars on internal structuring of the energy community
October 2025	AWAR-1	Training sessions about communication
End of 2025	DEV-3	Training session and toolkit on ground-mounted PV project development (1st version)
End of 2025	CAPA-3	Training sessions on monitoring and inspection of PV installations
End of 2025	POLICY-1	Provision of advocacy resources for energy communities
End of 2025	AGGREG-2	Continuous benchmarking of project financing conditions
March 2026	NETWORK-2	Annual gathering of Centrales Villageoises
Mid 2026	DEV-1	Monitoring tool for renewable energy systems
Mid 2026	DEV-2	Company-wide business-plan simulator
End 2026	AWAR-2	Webpage about energy communities
End 2026	AGGREG-3	Partnership with a balance manager for the electricity grid
End 2026	CAPA-4	Webpage dedicated to renewable heat projects
Mid 2027	AGGREG-4	Establishment of a solidarity fund between energy communities
Mid 2027	DEV-4	Support for the national bidding process
End of 2027	NETWORK-3	Development of partnerships with third parties not linked to the energy sector
End of 2027	CAPA-5	Training in electrical accreditation

Sustainability of the OSS

In order to continue expanding the range of services it offers to energy communities, our OSS requires an annual budget of around €350,000.

This budget covers the cost of 4 to 5 full-time equivalent staff positions, as well as the OSS's operating expenses (premises, IT outsourcing, external expertise for training, tools and partnerships, event organisation, and travel expenses for supporting energy communities).

The following are the various sources of funding to meet these needs:

- Member contributions: the OSS asks beneficiary energy communities to contribute to its running costs, in line with their financial capacity (a contribution scale based on turnover and profit). This currently accounts for around 15% of the OSS's resources, and this figure is set to rise as energy communities grow in number.
- Public funding: Some French regions are already supporting this initiative by funding activities led by the OSS in their areas (e.g., training sessions). We hope to continue receiving similar support from them in the coming years.
- Private fundings: Similarly, private foundations are already supporting the development of OSS and its efforts to assist energy communities. A new funding agreement has been signed with the primary funder for the 2026–2028 period. With regard to private funding, OSS is also a beneficiary member of the "1% for the Planet" program, which allows it to receive funding from companies. This source of funding is currently quite limited but could be leveraged more extensively in the future.
- European projects: The OSS has applied for other European cooperation projects for the coming years (LIFE CET, Interreg Alpine Space, Interreg ALCOTRA, and Interreg France-Switzerland programs). Two of these have already been awarded for the 2026–2029 period. They aim to continue developing and strengthening the structure and services offered by energy communities, and to work on their diversification (one project awarded focuses on mobility).
- Miscellaneous services: The OSS has begun offering its expertise through small-scale, specialized studies for energy communities and training programs open to a broader audience (including energy communities, local governments, businesses, and other organizations). The OSS aims to gradually increase this portion of its overall funding in order to boost its self-financing ratio.

OSS'S SERVICES TESTED IN PILOT SITES

Introduction

Each OSS initiated within the ECOEMPOWER project has developed a roadmap of services describing the support to be provided to energy communities during the project lifespan until 5 years after its end. These services cover different categories listed below:

- awareness raising, facilitation and communication
- capacity building of energy communities and/or local public authorities
- networking services
- project development assistance
- Aggregation of projects and/or support to commercialization
- assistance to policy development

3 of these services have been tested in the pilot sites during the course of the project.

The present document aims at describing the way these 3 services were tested and the lessons that were learnt from that experience.

Description of the testing n°1

Name of service tested: Seminars on internal structuring (CAPA-2)

Category

- ☐ awareness raising, facilitation and communication
- ☒ capacity building of energy communities and/or local public authorities
- ☐ networking services
- ☐ project development assistance
- ☐ aggregation of projects and/or support to commercialization
- ☐ assistance to policy development

Date or period of testing: 04/03/2025

Name of site pilot concerned : Eau et Soleil du Lac

Qualitative description:

Seminar on the shared vision - the energy community's medium-term objectives

This seminar brought together volunteers to:

- Take a step back and assess the current activities of Eau et Soleil du Lac
- Define a vision and objectives for the next two years
- Identify potential new activities aligned with available resources

Methodology:

The seminar was structured in two main phases:

1) Initial assessment and idea generation:

Participants first mapped the collective's existing strengths and core activities. They then rotated across three thematic tables—renewable energy production, awareness and education, and territorial innovation—contributing ideas at each station

2) Idea evaluation and prioritization: All proposed ideas were collectively reviewed and assessed using a feasibility–impact matrix, enabling the group to identify and prioritize the most relevant and actionable initiatives

Quantitative description (key figures)

10 participants, all members of the management board (responsible for overseeing the energy community)

Lessons learnt

What feedback did the beneficiaries of the service give on the service tested?

The seminar enabled the collective to define a clear medium-term vision and identify priority areas for development. It has been very appreciated by participants, as it allowed them to step back from day-to-day operations and reconnect with the collective's broader purpose, something that is often lost in routine, operational meetings.

Points of attention:

- A key board member was absent, despite the seminar focusing on future strategic directions. Ensuring full participation of core volunteers is critical for alignment and decision-making.
- Seminars focused on internal organization and strategy often surface additional needs, such as redefining the collective's purpose or rebalancing the distribution of tasks among volunteers. This highlights the value of offering ongoing support rather than one-off interventions.

Do you intend to replicate this service exactly in the same way or do you plan to modify some parts of it? If yes, describe the modifications which will be implemented.

The association intends to continue offering these seminars upon request, with potential adaptations based on experience. Formats may evolve to ensure stronger participation of key members and to better integrate follow-up support.

Planned thematic areas include:

- Strategy & Shared Vision: Step back from daily operations, reflect on progress, refine the mid-term project, and align on shared priorities
- Governance & Organization: Clarify organizational structures and strengthen decision-making practices
- Engagement & Communication: Enhance visibility and develop effective fundraising or volunteer recruitment campaigns.

These seminars may be delivered as one-off sessions or as part of longer-term support, in which case they would be funded as service provisions by the energy communities.

Description of the testing n°2

Name of service tested: Training session on monitoring and inspection of PV installation (CAPA-3)

Category

- ☐ awareness raising, facilitation and communication
- ☒ capacity building of energy communities and/or local public authorities
- ☐ networking services
- ☐ project development assistance
- ☐ aggregation of projects and/or support to commercialization
- ☐ assistance to policy development

Date or period of testing: November 2025

Name of site pilot concerned: VercorSoleil and Eau et Soleil du Lac

Qualitative description:

Training session for volunteers involved in energy communities on the inspection and monitoring of operational photovoltaic installations, issued by a specialized training entity (INES).

The session was organised in several stages:

- an e-learning session during which participants watched explanatory videos on how a photovoltaic system works
- two half-days of video conferencing with a dedicated trainer, covering best practices for monitoring and inspecting photovoltaic systems. Particular emphasis was placed on the role of volunteer members of energy communities in these operations. The aim was to produce a maintenance plan for the facility.

Quantitative description (key figures)

19 people took part, including:

- 17 volunteers involved in an energy community, including a representative from Eau et Soleil du Lac and a representative from VercorSoleil
- 2 employees of a departmental energy trade union

Lessons learnt

What feedback did the beneficiaries of the service give on the service tested?

According to the satisfactory survey, the participants Participants were very satisfied with the course content (100% satisfaction and recommendation rate among participants).

Participants particularly appreciated the training organisation's expertise and the way the content was tailored to the context of energy communities.

Some, however, were frustrated that their status as volunteers meant they could not get as involved as they would have liked in the maintenance of the facilities (due to insurance issues)

Do you intend to replicate this service exactly in the same way or do you plan to modify some parts of it? If yes, describe the modifications which will be implemented.

A great deal of preparatory work had been carried out ahead of the training session to ensure it was as closely aligned as possible with the expectations and context of the energy communities. This work followed on from previous training sessions organised with the same organisation.

Given the very satisfactory results of the survey, the session will be rolled out again without any major changes.

Description of the testing n°3

Name of service tested : Training session on ground-mounted PV project (DEV-3)

Category

- ☐ awareness raising, facilitation and communication
- ☐ capacity building of energy communities and/or local public authorities
- ☐ networking services
- ☒ project development assistance
- ☐ aggregation of projects and/or support to commercialization
- ☐ assistance to policy development

Date or period of testing : October 2025-February 2026

Name of site pilot concerned : Centrales Villageoises Vezouze en Piémont

Qualitative description:

This training session was developed entirely by the project's French partners (ACV and AURA-EE), drawing on academic literature and extensive feedback from real-world projects led by energy communities in France. The training module is delivered as a full-day face-to-face session and is aimed at members involved in energy communities, with no prior technical knowledge required.

It first addresses the challenges associated with the construction of ground-mounted solar farms (urban planning, land use, biodiversity, geotechnics, etc.) and the relevant regulatory frameworks. The steps involved in developing a ground-mounted farm are then presented, with a focus on the different procedures depending on the capacity of the installations.

Finally, two sections examine the technical challenges associated with siting the farms and their business models.

In each session, practical case studies are presented, either live via a project lead or via the trainers. The aim is to make the training module as practical and operational as possible.

Quantitative description (key figures)

3 sessions were organised between October 2025 and February 2026. 37 people were trained during these 3 sessions including :

- 5 members of the pilot site Centrales Villageoises Vezouze en Piémont (which hosted a session)
- 27 members of other energy communities
- 5 employees of departmental energy trade union or group of municipalities

Lessons learnt

What feedback did the beneficiaries of the service give on the service tested?

Very positive feedbacks received both directly at the end of the sessions and from the satisfaction survey. The participants appreciated the summary and the practical insights provided.

Do you intend to replicate this service exactly in the same way or do you plan to modify some parts of it? If yes, describe the modifications which will be implemented.

We plan to organise new sessions in 2026-2027. We will probably keep the same format, but we'll need to update the content with new feedbacks and regulatory changes.