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REGIONAL STRATEGIC PLAN OF THE OSS, INCLUDING DESCRIPTION OF ACTIVITIES TO MOBILISE STAKEHOLDERS



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EXECUTIVE SUMMARY

This deliverable describes for each regional ecosystem of the ECOEMPOWER project the activities that were led to mobilize the stakeholders around the creation of an One Stop Shop (OSS) to support the development of Renewable Energy Communities. These activities include public events, bilateral meetings, dedicated workshops and were addressed to various types of stakeholders.

The deliverable also reproduces the strategic plans that were adopted by each ecosystem to prepare the implementation of their OSS, on the basis of the stakeholders inputs. These strategic plans include a description of

- the target beneficiaries,
- the field of intervention
- the kind of tools and services that will be developed
- The governance of the OSS and the where it will be hosted
- The planned business model and the resources that will be allocated
- The planned phases of developpement during the next 5 years

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Introduction

OBJECTIVES OF THE WORK REPORTED

Aim of this task was to pave the way for the development of a One-Stop-Shop (OSS) in each regional ecosystem, so as to support the development of energy communities. The first objective was to mobilize the stakeholders potentially concerned by the future OSS, either as beneficiaries or contributors, and to discuss with them about the frame of the OSS, its governance, funding, and future services. The second step was to design a strategic plan, on the basis of the stakeholders' outputs, so as to ensure a common understanding of the needs and to share a common approach on the operation implementation.

HOW TO READ THIS DOCUMENT

The deliverable describes the work for each regional ecosystem. Hence there is one chapter per country and for each chapter, a description on the mobilization of stakeholders and a presentation of the strategic plan. In Annex, the list of all the stakeholders who took part to the discussions on OSS are listed for all countries.

STRUCTURE OF THE DOCUMENT

Each part on the mobilization of stakeholders is a short summary of the various meetings which were led.

Each strategic plan has been built on a common frame, provided by AURA-EE

Regional strategic plans and mobilization of stakeholders (country by country)

a. Italy – Provincia di Trento

Mobilization of stakeholders

- **CONTEXT**

Discussions with local stakeholders have started in 2021 in Trentino, in relation with the publication of an experimental law on Renewable Energy Communities (RECs). Since that time there is a territorial board which meets regularly to discuss REC issues. Several activities were led to define the role of the Province and the support it could bring to the RECs. An important meeting was held on February 2024, 14th. It was an internal workshop with public and private stakeholders to discuss on the best model for RECs in Trentino. The participants elaborated some guidelines who was helpful to define the role of the public administration in the development of those initiatives.

PAT, using the web portal previous developed to give information about energy efficiency, was published some basic information about RECs: <https://infoenergia.provincia.tn.it/>. This portal is updated by PAT with a free access to anyone and will be implemented during the constitution of OSS.

Hence, PAT did not start from scratch with the mobilization of stakeholders to create an OSS started in the ECOEMPOWER context. Using the experience made in previous work on energy efficiency of buildings, PAT was following this approach, so several entities could be met and interviewed regarding their vision for a future OSS.

- **MOBILIZATION EVENTS**

The following events were organized as part of the ECOEMPOWER project:

- **Public event** on 04/06/2024:
 - Aim of event: present the various services provided by the GSE to local municipalities on energy issues. GSE presented their services in an event organized by PAT
 - Place of event: Provincia Autonoma di Trento premises, Piazza Dante 15, Trento
 - Number of participants: 120
 - Type of participants: local municipalities, enterprises, associations
 - Role of PAT: coordination of the event, invited participants, give a follow up of event to all participants
 - Main outputs for the OSS: presentations made on the various schemes concerning RECs and self-consumption
 - Other outputs: an agreement was signed between GSE and PAT
- **Focus group n°1 with local stakeholders** on 12/09/2024:
 - Aim of event: Presenting the work of PAT around energy communities, first idea of OSS strategy, listen and exchange of experience between RECs
 - Place of event: APRIE offices, Piazza Fiera 3, Trento
 - Number of participants: 25
 - Type of participants: all RECs and stakeholders were invited
 - Role of PAT: organize the meet and coordinating works
 - Main outputs for the OSS: The RECs presented their work but not their business models. Other stakeholders were presenting their role. RECs were sharing needs and problems

- Other outputs: RECs expressed the need to receive support on the best strategy to implement for building renewable energy sources plants, as it can be a turning point and it can represent a problem due to the physical constraint of an alpine location.
- **Focus group n°2 with local stakeholders** on 21/10/2024:
 - Aim of event: presenting the business model tool and report made by PAT in the ECOEMPOWER project framework.
 - Place of event: APRIE offices, Piazza Fiera 3, Trento
 - Number of participants: 13
 - Type of participants: Internal manager of PAT services, Financial represent (Cassa del Trentino), federation of municipalities was attending – federation of cooperatives was missing
 - Role of PAT: presentation activities and strategies of public bodies
 - Main outputs for the OSS: analysis on the financial side of a REC. Need for a private investment is a focus. It is not easy to foresee the financial sustainability for a REC without medium/big plants and an high efficiency
 - Other outputs: discussion about the services that could be offered to RECs. The meeting also focused on the issue of profitable business plans for PV plants based on public buildings, since the federation of local municipalities was attending.
- **Other events organized to mobilize stakeholders:**
 - 05/02/2025: meeting with pilot site Ecoempower
 - 02/2025: meeting with RECs and stakeholders to present virtual OSS and strategic plan



● **MAIN OUTPUTS OF DISCUSSIONS**

Following the various discussions, the following key points were highlighted:

- Since the existing web portal is hosted by PAT, it can't propose tools and services which are in the competitive sector and it can neither offer paying services, but it can connect to existing free tools at national and international level.
- PAT Portal will be a landing page who connect other specific websites and tools at local and national level, who are useful for RECs development,
- PAT lacks time to operate it fully in the medium/long term, staff personal should be reinforced to maintain a good level of service
- PAT often meets with the Federation of cooperatives They are organizing periodical meeting between RECs with cooperative forms. PAT will organize network meetings with all the initiative and not only

cooperatives. National legislative framework is not stable in Italy, there are many issues on the permitting procedures for PV plants.

Some of existing RECs in Trentino are not operatives, often don't have installed PV plants yet, so a part of work is to address these initiative to being operative. In parallel we follow the operational ones to understand what the critical issues are and how to give support to development.

- **PREPARATION OF STRATEGIC PLAN**

The strategic plan was prepared by PAT on the basis of the template provided by AURA-EE.

The plan was discussed internally with a steering committee composed of internal managers of PAT and the political part of PAT, Externally it was discussed with the Federation of cooperatives, consortium of municipalities, and existing RECs representatives. The strategic plan was updates thanks to inputs provided by all the mentioned stakeholders

Regional strategic plan

INTRODUCTION

This strategic plan has been written within the frame of ECOEMPOWER Life project. It is based on a large concertation of the stakeholders led between September 2023 and February 2025. This concertation enabled the Provincia Autonoma di Trento to identify better the outlines of the OSS and the way it should be operated. This plan has been presented and discussed with the local stakeholders in early 2025.

The list of the stakeholders involved in the discussion can be found in Annex.

CONTEXT ON ENERGY COMMUNITIES

Energy communities have been introduced by the European directives 2018/2001 and 2019/944 with the objective of empowering local actors to access energy markets. The member States have translated these definitions and for Italy it has led to the following regulations:

- D.Lgs. 8 November 2021 n.199;
- Decree of environmental and energy security ministry of 7 December 2023;
- subsequent ministerial acts introducing funding, rules and specifications in relation to the national standard;

Fostering energy communities is necessary to reach the objectives on energy transition, to improve the local acceptance of renewable energy sources (RES) projects, to facilitate the fundings of projects, etc.

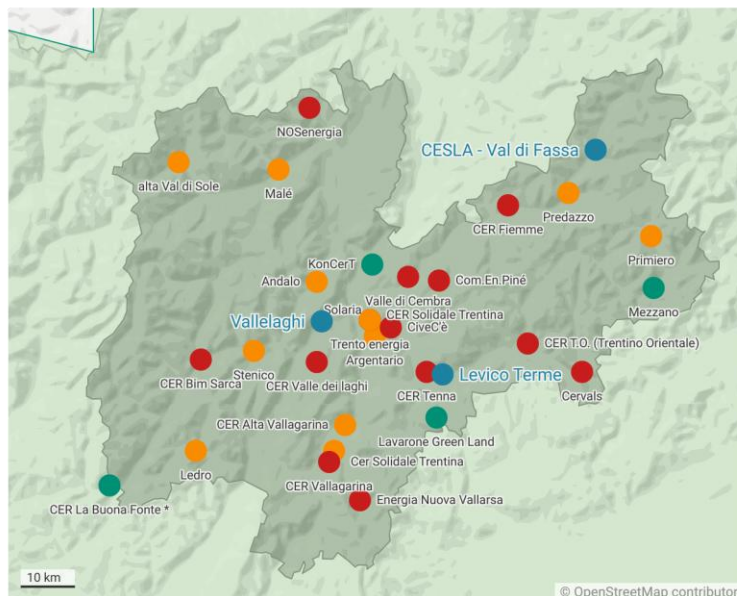
At the moment, in the Italian national regulations, energy communities are defined as a group of citizens, small and medium enterprises, territorial bodies and local authorities, including municipal governments, cooperatives, research bodies, religious bodies, those of the third sector and environmental protection, who share (virtually) the renewable energy produced by facilities in the availability of one or more subjects associated with the community. These entities (at least two users) form a legal entity and, through the implementation of new renewable energy facilities and taking into account the consumer users that are part of the configuration, generate an incentive according to the energy shared. This configuration presupposes the presence of at least two end customers, owners of at least one consumption point and one renewable energy production plant being part of the same legal entity that is the Renewable Energy Community of which they must have control. Plants and consumption points must be located under the same primary cabin. The energy shared within the configuration (i.e., produced and consumed in the same time frame by the members of the configuration) gives

rise to an economic incentive consisting of an enhancement fee for less use of the electricity grid, and a premium for shared energy.

Members who are part of the Renewable Energy Community democratically decide how to allocate the economic incentives generated, which must be used not for profit but for economic, social, and environmental purposes.

Renewable Energy Communities in Trentino

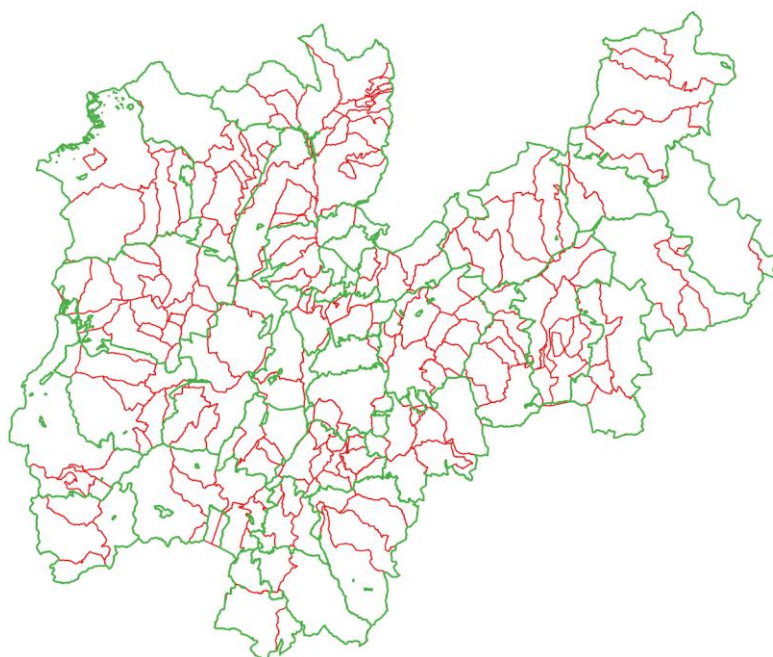
status at 15.february 2025



- REC project in an advanced state
- Pilot ECOEMPOWER
- Actives REC (*=transitory regulation)
- REC with legal entity established

Mappa: PAT APRIE - Creato con Datawrapper

In Trentino, there are actually 4 operative RECs and about 15 energy communities working to be operative. Most have established the legal entity, mainly as associations or cooperatives. Some are working to build renewable plants, often with PV plants but are also some mini Hydropower experiences. In some cases, the REC has a well defined territory, whilst in other cases the promoters are trying to fit the community around the social boundaries (e.g. a valley) also when the area of the primary substation is not fitting well. The following map shows the mismatch between the red boundaries (municipal limits) and the green boundaries (perimeter of the primary cabin area).



From the discussions that have been previously led, the main issues and needs have been identified in some specific services for RECs:

- Matching producers and consumers in a territory
- Helping RECs to involve people and communicate how the REC works and operates
- Financial services: financing plants (especially public incentives are not applicable) and building a stable business model of the initiative, matching private financial partners
- Identify the best legal entity
- Identify the best territorial area
- Configuration analysis: finding the best balance between the potential of production and consumption

WHY DEVELOP AN OSS?

The partners of ECOEMPOWER promotes the idea that a one-stop shop will bring added value on the territory and strongly foster the development of energy communities. The main arguments, which were shared at the European level, are reminded below.

Local benefits of an OSS		Interest of a shared approach	
OSS helps to develop more RES projects and reach climate objectives	OSS promotes RECs which can use citizens' savings as a lever for financing energy transition	Share experience and avoid starting from scratch for each emerging REC	Be stronger to negotiate partnerships by a collective approach, be more visible

RECs can foster local economic development by promoting local companies and employment	OSS can play an educational role and help deconstruct fake news on RES	Rely on shared human resources able to help the project	Share costs (employees, website costs...)
OSS can represent a neutral trustworthy local structure and bring stability in RES development	OSS can strengthen the territorial links with a local approach, gaining efficiency	Mutualization of tools, services, skills, collectively updated	Increase the credibility of emerging projects as they can rely on successful projects linked with them by the OSS

SCOPE OF THE ONE STOP SHOP (OSS)

The OSS aims at supporting the development of energy communities through the implementation of shared tools and services.

The geographical scope of the OSS is the province of Trento. At the administrative side, the area includes 166 municipality. With the exception of the main cities, Trento and Rovereto, and a few towns under 15,000 inhabitants, most of the municipalities are small and rural. The territory is all mountainous and urbanized mainly along the valley ridges. From the energy point of view, the territory is divided into 33 zones subtended by HV/MV transformer substations (primary substations), and these are the zones that are relevant for the purpose of incentivizing energy communities. It should be noted that in most cases the boundaries of the municipal area do not coincide with those of the primary substations.

Today Trentino is one of the richest provinces in Italy and is also one of the European regions with the highest density of cooperative enterprises. Out of a population of 500 thousand inhabitants and 210 thousand households, there are 270 thousand members of cooperatives. At the same time, there are more than 3,500 associations existing and operating in the Trentino region in the various spheres of society and civic life. An important social fabric that proves to be fertile ground for the emergence of renewable energy communities.

For the design of the One Stop Shop, we tried to hold these components together, and we first involved as stakeholders, the entities representing these realities: the Consortium of Trentino Municipalities, the Federazione Trentina per la Cooperazione, and the Fondazione Caritro (which provides funding to associations for socio-cultural projects).

The targeted beneficiaries of the OSS are:

- Energy communities
- Municipalities wanting to be part or to support of an energy community
- Local companies wanting to be part of an energy community
- Local citizens wanting to be part of an energy community
- Professional entities wanting to propose services to energy communities

The OSS will support the development of energy communities bearing projects on

- Renewable electricity
- Heating districts

- both

OSS'S OFFER

The OSS aims at developing the following offer:

- A web platform (<https://infoenergia.provincia.tn.it/Autoconsumo-diffuso>) with some dedicated information on energy communities
- Regular networking activities to share experience, make RECs know and mentor each other, make RECs meet experts and professional structures, etc.
- Regular workshops to bring information on specific items (regulatory framework, incentives, technical solutions, social activities, etc.)
- Daily hotline to answer the questions asked by the CERs or the entities which want to create a REC
- Tools to help develop RES projects (business plan templates, statutes, guidelines, etc.)
- Shared services to help RECs develop RES projects (insurance policy, bank partnership, other technical partnerships...)
- Information and tools regarding financial instruments especially to cover the investment part not covered by public incentives.

OPERATION OF THE OSS

The OSS will first be operated by the provincial Agency for water resources and energy of the Autonomous Province of Trento. This structure is an existing one and will operate as OSS. This operational scheme is expected to change in the midterm until will be created a specific entity to host the OSS.

This means that in the first stage the governance of the OSS is public, managed directly by provincial entity. The OSS is also based the evolution of an agreement between a group of local entities who are working on energy communities at different scales. This agreement includes PAT, Federation of Trentino's cooperatives, Association of municipalities and association of enterprises.

This group is represented by the following entities and persons:

- Provincia Autonoma di Trento/ Giovanni Gardelli/ manager of department of urban planning, energy,
- Provincia Autonoma di Trento/Sara Verones/ director of office of energy planning in Provincial agency for water resources and energy
- Provincia Autonoma di Trento/ Massimo Plazzer/ officer in charge of Provincial agency for water resources and energy
- Federazione Trentina delle Cooperative/Alessandro Ceschi/general manager
- Federazione Trentina delle Cooperative/Marco Dalla Torre/ director of REC's project
- Consorzio dei Comuni Trentini/Marco Riccadonna/general manager
- Consorzio dei Comuni Trentini/Davide Sartori/director of legal area
- Fondazione Caritro/Andrea Cuoghi/responsible of REC's project
- Fondazione Caritro/Fabio Bazzanella/officer of REC's project
- Centro Servizi per il Volontariato/rappresentante

They plan to meet every 3 months to discuss about the OSS operation and to plan further developments. Periodically meeting with existing RECs are also organized.

This type of organisation has the advantage that it can be set up in a short time and with no set-up costs, having existing public institutions as its backbone. However, even if formal agreements are in place, bringing together

different institutions that have organised themselves on the subject of energy communities is a delicate phase that must be managed wisely.

On the other hand, this type of organisation also presents some obstacles: firstly, the fact that the OSS is managed directly by a public body such as the Province, with the fact that it cannot favour economic operators, excludes a part of the actors that could be relevant for the purpose of the OSS, namely private companies dealing with renewable energy communities. Primarily excluded are start-ups offering services to accompany the establishment and growth of REC's, but private financial institutions that could have an interesting role in supporting the financing of these initiatives are also excluded.

Secondly, the fact that none of these actors operate directly as an energy community could lead to a loss of focus on certain issues and problems that directly affect them.

BUSINESS MODEL

The tools and services of the OSS will be available:

- For free, because the managing of OSS is public (in the first phase)
- On demand for specific services or contingent on membership in the federation through formal membership (in future after ECOEMPOWER).

PLANNING OF THE IMPLEMENTATION

The development of the OSS is scheduled over 2 phases which will be implemented over 5 years, until reaching the final setting from 2030 onward.

The planned phases are the following:

- 2025 – 2026 (under the framework of ECOEMPOWER project): Starting as public OSS and supporting networking between RECs

OSS will be founded as a virtual orientation and information page on the website infoenergia. In parallel, PAT-APRIE will manage physical orientation services using its personal in role.

The provincial water and energy agency (APRIE) has, in recent years, gained an in-depth knowledge of renewable energy communities and configurations for self-consumption and sharing of renewable energy. Moreover, it has structured a network among the entities that are working on the topic at the provincial level. However, being a public structure that also provides services and authorisations on the topic of renewable energy sources, there is a difficulty in including private entities in this system, such as start-ups, consulting companies, energy suppliers, system installers, companies, banks, and financial entities. This is why this form of OSS is considered provisional.

During this time, into ECOEMPOWER project, a program of meetings and dissemination seminars to enforce the existing RECs and making a motivated group to found a specific entity for OSS will be developed.

At this stage, the OSS is structured as follows:

VIRTUAL DESK (FIRST APPROACH)

An orientation section on the infoenergia [website](#) provides all the necessary information on how the configurations work and also provides a direct link to the GSE portal and the tools dedicated to RECs.

Tools offered include:

- simulators for REC configuration (links to GSE and RECON websites);
- map of active primary substations and RECs (link to GSE site);
- technical support documents and links to specific manuals
- list of Trentino's renewable energy communities, both operational and existing ones; In this section are in developing a section with a short overview for each REC.
- description of financing opportunities for plants and financial simulations carried out on pilot cases;
- link with the EECOEMPOWER project and the dissemination activities carried out;
- link with local stakeholders' websites for RECs;
- A news sections e a calendar for the divulgation of event and initiatives

Target audience:

- Citizens, associations, businesses, apartment blocks, public bodies, willing to create a renewable energy community or be part of an existing one;
- Companies, installers, manufacturers who have or intend to set up plants and make them available to a REC;
- Existing renewable energy communities;
- Lenders who want to learn about the incentive mechanism and offer dedicated products;
- Start-ups and energy-themed companies;

PHYSICAL DESK (SECOND APPROACH)

As agreed among local stakeholders, for the time being the physical OSS is managed internally by PAT staff through the provincial Water and Energy Agency.

This service is intended as a second-level approach, subsequent to the orientation approach through the site, and intended to hook into more complex and structured energy community projects or involving local public entities.

Tools offered include:

- Technical support, in complex cases that require a zoning variance, in the identification of the process necessary to obtain the Integrated Energy Authorization, which is necessary for the installation of large power plants from renewable sources;
- guidance for public bodies and special initiatives to identify the most suitable legal entity, in agreement with sector stakeholders,;
- liaison between energy communities and companies that have obtained public funding to install renewable energy plants;
- liaison with the relevant department of APRIE, which issues concessions, for in-depth investigations of initiatives to install hydroelectric plants;
- verification of financial viability through the tools developed within ECOEMPOWER.

In addition to these over-the-counter services, the physical OSS will organize periodic meetings to learn more about the role of the OSS and to compare and learn among renewable energy communities. This is intended to network and strengthen skills preparatory to the next steps of structuring an independent OSS.

Resources used:

For both the physical and virtual counter, direct use of PAT's internal resources in terms of staff and equipment is planned, funding them under the ECOEMPOWER project.

- 2027 – 2030: Toward an OSS that walks alone

In this second phase, the role of the PAT is gradually loosening, leaving the management of the OSS to a group of stakeholders from the existing Energy Communities.

Operationally, work will be done in parallel to create an autonomous entity, in which the PAT will have a non-operational but control/support role, in order to constitute the service in a structured manner.

Virtual OSS

In addition to the services already offered, the existing Energy Communities page will be implemented and made more dynamic. This section aims to become a bulletin board available to RECs to present their activities, their territorial scope, and their members. In this way, in addition to connecting the experiences in the area, an overview of the existing ERCs can be offered to the user (citizen).

Physical OSS

With regard to the physical service, PAT will continue support only in cases strictly related to permits and concessions issued for the installation of facilities. With regard to energy communities, the desk will be run by the experts working in existing RECs.

Resources used

At this stage, PAT's direct resources will be gradually divested accompanying the structuring of an external entity to manage the OSS. PAT could possibly support the establishment of this entity at an early stage.

It is during this period of time that the “handover” to an OSS that can walk on its own, offering services and advice born out of the experience of the RECs born in the territory is implemented.

- 2030: A federation of renewable energy communities

At the end of this process, the OSS and all services afferent to renewable energy communities will be managed by an autonomous entity governed by the renewable energy communities active on the province of Trento. In addition to the RECs, this entity will also include private entities that have importance in the development of these communities, particularly service companies, system installers, and funding entities. A “federation of energy communities” offering services for the birth, establishment, operation and evolution of RECs.

The OSS will always be structured virtually and physically but both modalities will be governed by this federation whose control is directed by the RECs and thus with a chain of control that devolves back to individual members. The PAT maintains an oversight role by implementing an equal dialogue with this entity and involving it in the provincial table provided for in the provincial energy law (P.L. 20/2012). In fact, this law provides for the establishment of a discussion table with RECs, which has not been activated so far, to be coordinated by PAT.

b. Germany - eza!

Mobilization of stakeholders

- **CONTEXT**

Germany has not yet achieved the transposition of the EU directive on energy communities, consequently the legislative framework is not clear and does not enable a strong dynamic on RECs. Many historical cooperatives already exist, most of them have been created around 10 to 20 years ago and are already well structured with staff personal and specific skills. New RECs are often managed by private service companies. The sharing of energy is possible only when an energy utility is part of the participants.

- **MOBILIZATION EVENTS**

- 05/06/2024: Working committee of the eza! shareholders
 - Aim of event: present of the project to local utilities
 - Place of event: eza! in Kempten (Allgäu)
 - Number of participants: 5
 - Type of participants: Participants from the areas of regional management (Allgäu GmbH) as well as distribution system operators and energy suppliers (EWR, LEW, vkw illwerke)
 - Role of eza!: Host/ moderator
 - Main outputs for the OSS: The intention here is that an advisory platform should be set up as part of the project. The interest of the shareholders present in this advisory platform, as long as it is not yet more precisely defined, was relatively low.
- 01/08/2024: municipal advisory board
 - Aim of event: present the Ecoempower project and query about the interest in the OSS
 - Place of event: eza! in Kempten (Allgäu)
 - Number of participants: 9
 - Type of participants: Climate protection managers of the independent cities and spokespersons of the BM of the districts in the Allgäu
 - Role of eza!: host/moderator
 - Main outputs for the OSS: There was restrained interest in the topic, but unfortunately it did not lead to the signing of the Lol. The opinion was that in individual cases there may be a need for advice on setting up a civil society, but that this is unlikely to be a major area of business for eza
- 25/09/24: Conference about supporting EC in the Allgäu Region
 - Aim of event: ask about the expectations and needs of municipalities with regard to an OSS in the Allgäu region
 - Place of event: City hall Memmingen
 - Number of participants: 28
 - Type of participants: eza! and municipalities
 - Role of eza!: host/moderator/lecturer
 - Main outputs for the OSS: presentation of the Ecoempower project, Energy communities and Energy Sharing
 - Other outputs: 2/3 of the guests expressed a need for advice in the area of energy cooperatives. The following areas were specifically named: Cooperative law, commercial issues of cooperatives, Energy Industry Act and issues, multi-family house charging option, subordinated loans, online answers to the most important questions and online collection of contacts. It was criticised that the framework for energy sharing is missing, the lack of feed-in

points for new generation plants, the OSS efforts should be directed more ‘upwards’ (districts, county, federal state, country) and politics should be addressed.

- 14/11/24: Bavaria-wide exchange of experience meeting of the European Energy Award municipalities
 - Aim of event: Exchange of experience between municipalities
 - Place of event: Kurhaus in Scheidegg
 - Number of participants: 35
 - Type of participants: eza!, BAUM, guests from the municipal climate protection
 - Role of eza!: host/moderator
 - Main outputs for the OSS: presentation of EcoEmpower objectives, presentation of energy sharing concept by BAUM, discussion on the expectations of municipalities
 - Other outputs: A lot of interest in energy sharing (which is still subject to many legal hurdles in Germany), many local authorities are involved in electricity generation, some are planning an electricity-based heating network, some reserved interest in exchanges with ECOEMPOWER partner countries, some guests have left their address and an expression of interest.
- 2/12/24: Workshop of neighbour energy cooperatives.
 - Aim of event: Exchange on common challenges
 - Place of event: Municipal office in Eppishausen
 - Number of participants: 16
 - Type of participants: eza!, BAUM, energy cooperatives and interested individuals in founding one
 - Role of eza!: Organiser
 - Main outputs for the OSS: Predominant interest in energy sharing models, in the regional development of a new company ‘Regionalwerk Unterallgäu’ in Unterallgäu, and in dealing with designated wind priority areas in the region

- **MAIN OUTPUTS OF DISCUSSIONS**

Not all existing business partners and other respondents prioritise energy communities. Nevertheless, municipal stakeholders and energy communities recognised challenges where support could open up new potential. The following topics were mentioned repeatedly: Legal and organisational issues, financing models, involvement and networking of stakeholders, online information on the most important definitions and (supra)regional contact points, lack of a legal framework for energy sharing in Germany and which models nevertheless make it work, regional developments including recently designated wind priority areas.

- **PREPARATION OF STRATEGIC PLAN**

The main outputs of the surveys were included in the strategic plan, especially in the implementation plan. The (pending) legal framework conditions, the competing providers in the Allgäu and the available resources of eza! were taken into account. Accordingly, flexibility was also left open for future national and regional developments so that adaptation to the legal and economic conditions can take place. This is crucial for the demand potential in the Allgäu.

Regional strategic plan

INTRODUCTION

This strategic plan has been written within the frame of ECOEMPOWER project. It is based on Stakeholder surveys on 05.06.2024, 01.08.2024, 25.09.2024, 14.11.2024 and 02.12.2024. This enabled eza! to identify better the demand of local actors and therefore the outlines of the OSS. The various stakeholders included the eza! shareholders (regional companies), energy suppliers, grid operators, municipalities, districts and existing energy communities.

CONTEXT FOR ENERGY COMMUNITIES

Energy communities were introduced by the European Directives 2018/2001 and 2019/944 with the aim of enabling local players to access the energy markets. Germany and other member states have only partially implemented these definitions. The following legal frameworks apply to Energy Communities in Germany: Renewable Energy Sources Act (EEG) and Energy Industry Act (EnWG).

Presently, in the national regulations, energy communities are defined as “Bürgerenergiegesellschaft”, so Citizen energy companies which are only renewable energy communities.

In the Allgäu region, there are about 20 energy communities (founded by citizens) which are especially cooperatives that construct and operate PV roofs or open spaces. The electricity is fed into the grid in accordance with the state EEG feed-in tariff and the members benefit financially from a return of ~5%.

From the discussions that have been previously led, the main issues and needs have been identified

- Cooperative law
- Commercial topics of cooperatives
- Energy industry issues (the EnWG law is huge)
- Subordinated loans
- Online answers to the most important questions
- Online collection of contact persons

WHY DEVELOP AN OSS?

The partners of EcoEmpower promote the idea that a one-stop shop will bring a lot of added value on the territory and strongly foster the development of energy communities. The main arguments, which were shared at the European level, are reminded below.

Local benefits of an OSS		Interest of a shared approach	
OSS helps to develop more RES projects and reach climate objectives	OSS promote RECs which can use citizens’ savings as a lever for financing energy transition	Share experience and avoid starting from scratch for each emerging REC	Be stronger to negotiate partnerships by a collective approach, be more visible

RECs can foster local economic development by promoting local companies and employment	OSS can play an educational role and help deconstruct fake news on RES	Rely on shared human resources able to help the project	Share costs (employees, website costs...)
OSS can represent a neutral trustworthy local structure and bring stability in RES development	OSS can strengthen the territorial links with a local approach, gaining efficiency	Mutualization of tools, services, skills, collectively updated	Increase the credibility of emerging projects as they can rely on successful projects linked with them by the OSS

SCOPE OF THE ONE STOP SHOP (OSS)

The OSS aims at supporting the development of energy communities through the implementation of shared tools and services.

The geographical scope of the OSS is the Allgäu region (up to Schwaben).

The targeted beneficiaries of the OSS are:

- Energy communities (existing or to be founded)
- Municipalities which want to be part or to support of an energy community
- Local companies which want to be part of an energy community
- Local citizens want to be part of an energy community

The OSS will support the development of energy communities bearing projects on

- Renewable electricity
- Renewable heating networks

OSS'S OFFER

The OSS aims at developing the following offer:

- A web platform with some dedicated information on energy communities (heating networks and electricity communities)
- Tools to help them develop RES projects (business plan templates, statutes, guidelines, etc.)
- Services to help energy communities develop RES projects (insurance policy, bank partnership, other technical partnerships...)

OPERATION OF THE OSS

The OSS will be operated by eza!, which as 25 year old energy agency in the Allgäu region has an existing structure and network of stakeholders.

The governance of the OSS is represented by the following entities and persons:

- eza! / EC expert and content creator
- eza! / Municipal heat planning expert
- eza! / Area Manager of eza!-Climate protection
- eza! / Managing Director of eza!
- eza! / Head of Finance, Controlling at eza!
- eza! / Public relations and online marketing
- eza!-shareholders and municipal advisory board / Multiplier and escalation to higher political levels

External experts are called in depending on the assignment.

They plan to meet every 3 months to discuss about the OSS operation and to plan further developments.

BUSINESS MODEL

The tools and services of the OSS will be available:

- For free on the eza!-Webpage
- On payment for specific consultations and assignments

Funding:

- ECOMPOWER until 08.2026
- Financing through contracts (individual counselling)
- No cross-financing, no external financing (funding partners)

Costs estimate:

OSS Staff	Costs per hour	Hours per year	Costs per year
eza! / EC expert and content creator	115,00 €	460	52.900,00 €
eza! / Municipal heat planning expert	115,00 €	40	4.600,00 €
eza! / Area Manager of eza!-Climate protection	125,00 €	20	2.500,00 €
eza! / Managing Director of eza!	150,00 €	80	12.000,00 €
eza! / Head of Finance, Controlling at eza!	125,00 €	20	2.500,00 €
eza! / Public relations and online marketing	115,00 €	40	4.600,00 €
eza!-shareholders and municipal advisory board / Multiplier and escalation to higher political levels	- €	10	- €
External experts are called in depending on the assignment.	150,00 €	40	6.000,00 €
			85.100,00 €
ECOEMPOWER maximum grant amount per full project year			- 49.381,57 €

Long-term financial planning is only possible once the service roadmap has been created. This planning will be provided later depending on the scope of the services offered, the personnel responsibilities and, above all, the expected demand.

PLANNING OF THE IMPLEMENTATION

The development of the OSS is scheduled over 4 phases which will be implemented over 3 years.

The planned phases are the following:

- BY 01.02.2025:

First WEBPAGE regarding electricity-EC and heat network-EC

- Important external contact points

- Simple definitions & questions
- Helpful guidelines, tools and resources
- Contact details of eza!
- BY 31.12.2025:

SPECIFIC SERVICES PROVIDED BY eza!:

- HEATING NETWORKS
 - Cooperatives
 - Heat network impulse consulting
 - Support for advisory campaigns (for connections to heating networks) and Citizen participation...
- ELECTRICITY
 - Cooperatives (legal, organisational)
 - Technical and economic information
 - PV site concepts (consulting services)
 - Information events / citizen participation
 - Tenant electricity / GGV consulting
- UNTIL THE END OF THE PROJECT 31.08.2026:

Promotion of the offer

- AFTER PROJECT TERM STARTING 01.09.2026:

Deepening of the advisory services:
depending on demand and need

c. Greece - ROCG

Mobilization of stakeholders

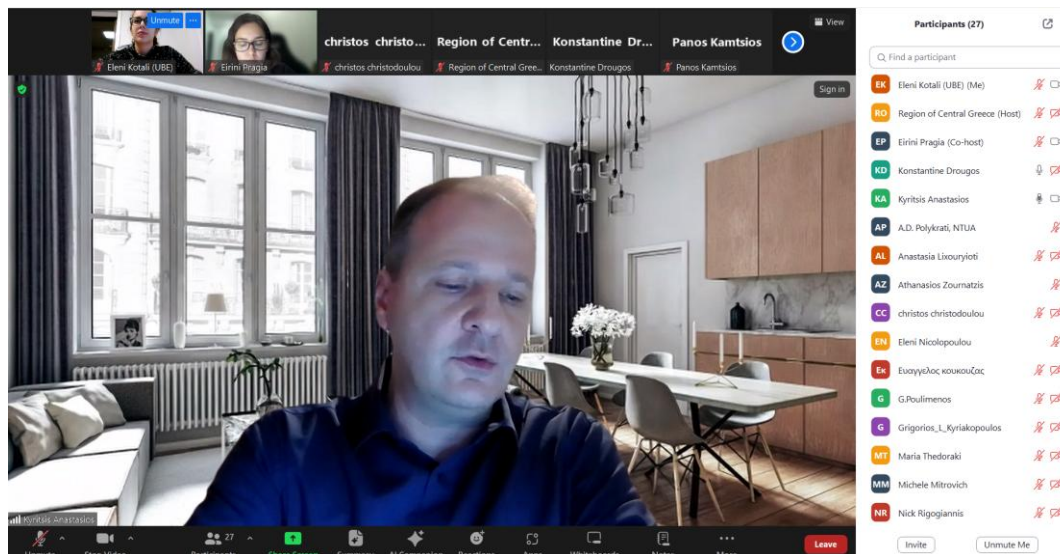
The following events were organized as part of the ECOEMPOWER project:

- **24/07/24: Public event** in the pilot site Domokos
 - Aim of event: present Ecoempower project, Informative, collection of Lol, building cooperations, attract stakeholders
 - Place of event: Domokos
 - Number of participants: 50
 - Type of participants: Stakeholders, Members of Energy Communities, representatives of the church
 - Role of ROCG: Organizer
 - Main outputs for the OSS: The event successfully highlighted the critical role of stakeholder and actor involvement in energy communities. The high level of public interest and the in-depth discussions underscored the importance of continued engagement and the need for further informative events. The commitment to share experience and good practices of the other Regional Ecosystems in Italy, France, and Germany and organizing additional events

within 2024 and expanding cooperative actions in other municipalities within the Central Greece Region indicates the ongoing importance of these initiatives.



- **03/12/2024: Online event** for the pilot site of Amfikleia
 - Aim of event: present Ecoempower project, Informative, collection of Lol, building cooperations, attract stakeholders
 - Place of event: Online
 - Number of participants: 30
 - Type of participants: Stakeholders, Members of Energy Communities, citizens
 - Role of ROCG: Organizer
 - Main outputs for the OSS: Through online event, we had the opportunity to collect younger people from the area, who live and work in urban areas and collect their feedback. Also ,we had interesting interaction with industry representatives, who maybe not local residents, but who are professionally active in the area Central Greece. The purpose of that was to entice them to become stakeholders to offer services to our OSS.



- **17/12/2024: Public event** in the pilot site of Kamena Vourla
 - Aim of event: present Ecoempower project, Informative, collection of LoI, building cooperations, attract stakeholders
 - Place of event: Kamena Vourla
 - Number of participants: 10
 - Type of participants: Stakeholders, members of Municipality and employees of energy providers
 - Role of ROCG: Organizer
 - Main outputs for the OSS: Due to fewer participants, we took the opportunity to have bilateral discussions with the people attending the Event and we got more direct feedback regarding the type of the services the OSS should provide.



- **30/12/2024: Online Stakeholder Event**
- Aim of event: Mobilization of Stakeholders

- Place of event: Online
- Number of participants: 4
- Type of participants: Stakeholders
- Role of ROCG: Organizer
- Main outputs for the OSS: The meeting began with an introduction to Energy Communities, emphasizing their significance in enabling local participation in renewable energy projects. The discussion covered different governance models, funding strategies, and regulatory structures that shape the success of Energy Communities. Following this, the concept of a one-stop-shop was explored as a potential solution to streamline services and provide centralized support for Energy Communities. The one-stop-shop aims to act as a comprehensive service hub, offering guidance on regulatory compliance, financial planning, technical expertise, and administrative support. By consolidating these resources in one accessible platform, the goal is to simplify the process for communities looking to establish and manage sustainable energy projects. Key elements included regulatory guidance, financial assistance, and technical support. Challenges such as regulatory barriers, financial sustainability, and public awareness were highlighted. Opportunities, including policy support, technological advancements, and community engagement strategies, were also discussed.
- Other outputs: Gather case studies of successful Energy Communities, Draft a preliminary framework for the one-stop-shop model, Assess regulatory challenges and propose potential solution, Explore funding opportunities and report findings in the next meeting.



Regional strategic plan

INTRODUCTION

This strategic plan has been written within the frame of ECOEMPOWER Life project. The **Digital OSS** operates as a centralized online platform that provides **comprehensive services, guidance, and technical assistance** to facilitate the creation and operation of Energy Communities. It aims to reduce administrative burdens, improve

access to funding opportunities, and foster collaboration among municipalities, businesses, and citizens interested in renewable energy projects.

CONTEXT ON ENERGY COMMUNITIES

Energy communities have been introduced by the European directives 2018/2001 and 2019/944 with the objective of empowering local actors to access energy markets. The member States have translated these definitions and for Greece it has led to the following regulations:

- Law 3468/2006 – The first regulatory framework for renewable energy sources, laying the groundwork for community-based energy production.
- Law 4513/2018 – The First Law on Energy Communities
Law 4513/2018 was the first law that established the framework for energy communities in Greece. Key points:
 - o Defines Energy Communities as civil cooperatives with energy-related purposes.
 - o Requires at least 5 members (or 3 members for islands with fewer than 3,100 residents).
 - o Provides tax and financial incentives for Energy Communities.
 - o Allows self-production of energy through virtual net metering.
- Law 5037/2023 – New Framework for Energy Communities
Law 5037/2023 modified the previous regime and introduced Community Energy Communities (C.E.C.), aligning the Greek framework with EU Directive 2018/2001. It clarified governance structures and expanded the scope of activities for energy communities. Key Changes:
 - o Distinction between two types of energy communities:
 - o Citizen Energy Communities (C.E.C.): Primarily designed for individuals and small businesses, offering flexibility in participation.
 - o Community Energy Communities (C.E.C.): Focused on social and energy solidarity, with stricter participation criteria.
 - o Enhanced development incentives through subsidies and tax reliefs.
 - o Increased focus on energy storage and participation of energy communities in energy markets.

Fostering energy communities is necessary to reach the objectives on energy transition, to improve the local acceptance of RES projects, to facilitate the fundings of projects, etc.

Presently, in the national regulations, energy communities are defined in Greek national regulations, as civil cooperatives with energy-related purposes, allowing citizens, local authorities, and businesses to collectively invest in and benefit from renewable energy production, storage, and distribution.

In Central Greece, there are currently approximately 7 active energy communities, primarily focusing on the development of solar photovoltaic (PV) parks, wind farms, and small-scale biomass projects. Many of these initiatives aim to promote energy self-sufficiency, reduce energy costs for local communities, and encourage decentralized energy production.

Existing Energy Communities in ROCG^[1]:





From the discussions that have been previously led, the main issues and needs have been identified

- **Administrative Support:** Simplifying licensing procedures and providing clear guidelines to reduce bureaucratic hurdles.
- **Financial Assistance:** Enhancing access to funding opportunities, grants, and favorable loan conditions to support project development.
- **Networking and Capacity Building:** Establishing platforms for knowledge exchange, training programs, and partnerships to strengthen community initiatives.
- **Grid Access and Technical Support:** Improving grid connection processes and offering technical assistance for integrating renewable energy projects.
- **Policy and Legal Clarity:** Ensuring alignment with national and EU directives and providing clear legal frameworks to support community energy projects.

<https://thegreentank.gr/en/community-energy-watch-en/>

WHY DEVELOP AN OSS?

The partners of EcoEmpower promote the idea that a one-stop shop will bring a lot of added value on the territory and strongly foster the development of energy communities. The main arguments, which were shared at the European level, are reminded below.

Local benefits of an OSS		Interest of a shared approach	
OSS helps to develop more RES projects and reach climate objectives	OSS promote RECs which can use citizens' savings as a lever for financing energy transition	Share experience and avoid starting from scratch for each emerging REC	Be stronger to negotiate partnerships by a collective approach, be more visible
RECs can foster local economic development by promoting local companies and employment	OSS can play an educational role and help deconstruct fake news on RES	Rely on shared human resources able to help the project	Share costs (employees, website costs...)
OSS can represent a neutral trustworthy local structure and bring stability in RES development	OSS can strengthen the territorial links with a local approach, gaining efficiency	Mutualization of tools, services, skills, collectively updated	Increase the credibility of emerging projects as they can rely on successful projects linked with them by the OSS

SCOPE OF THE ONE STOP SHOP (OSS)

The OSS aims at supporting the development of energy communities through the implementation of shared tools and services.

The geographical scope of the OSS is: Central Greece

The targeted beneficiaries of the OSS are:

- ✓ Energy communities
- ✓ Municipalities which want to be part or to support of an energy community
- ✓ Local companies which want to be part of an energy community
- ✓ Local citizens want to be part of an energy community
- ✓ Professional entities which want to propose services to energy communities

The OSS will support the development of energy communities bearing projects on

- ✓ Renewable electricity
- ✓ Heating districts

OSS'S OFFER

The OSS aims at developing the following offer:

- ✓ A web platform with some dedicated information on energy communities
- ✓ Regular networking activities to share experience, make RECs know and mentor each other, make RECs meet experts and professional structures, etc.
- ✓ Regular workshops to bring information on specific items (regulatory framework, incentives, technical solutions, etc.)
- ✓ Daily hotline to answer the questions asked by the RECs or the entities which want to create a REC
- ✓ Tools to help develop RES projects (business plan templates, statutes, guidelines, etc.)

OPERATION OF THE OSS

The Digital OSS will first be operated by a dedicated regional authority in Central Greece. This entity will manage the initial deployment, oversee digital services and coordinate with stakeholders to continuously improve its functionality. **As the platform evolves**, its operational framework may be adjusted based on **user feedback, technological advancements, and emerging needs**, ensuring that the Digital OSS remains a dynamic and responsive tool for Energy Communities and other stakeholders. The weblink of the platform is : https://onestopenenergy.eu/?fbclid=IwY2xjawlj3ktleHRuA2FibQIxMAABHYsGHI1-QyZfAUDuo6AHC5dorzfYBs59VOvrHhTK0CuWMbl1tLf1wEyNka_aem_JOK99xL143cusXSSAcxJ5g

BUSINESS MODEL

The tools and services of the Digital OSS will be available

- ✓ For free

PLANNING OF THE IMPLEMENTATION

The development of the Digital OSS is scheduled over 3 phases which will be implemented over 10 years.

The planned phases are the following:

- **2025 – 2026 (under ECOEMPOWER project):**
During the initial phase, the **Digital OSS** will launch as an **online platform** offering advisory services, digital tools, and resources to support energy communities, local authorities, and SMEs interested in renewable energy and energy efficiency projects.
- **The first available tools and services will include:**
 - o Regulatory Guidance Hub for energy communities in Greece
 - o Financial advisory resources (digital funding guides, grant directories, investment model templates to help energy communities identify financial opportunities.)

- o A digital platform with educational materials, FAQs, and application templates
- o Matchmaking services between local actors, investors and technology providers
- **The target audience will be:**
 - o Existing and emerging Renewable Energy Communities (RECs)
 - o Municipalities and regional authorities
 - o Small and medium enterprises (SMEs) interested in sustainable energy solutions
- **Key milestone:** The official launch of the OSS website is scheduled for February 2025, serving as the main access point for stakeholders, with information on services, funding opportunities, and application guidelines.
- **Human Resources**
Initially, the OSS will be supported by a **core team of 3 experts**, including:
 - o **A Project manager** with experience in energy transition and local governance
 - o **A Legal & financial advisor** for regulatory compliance and funding strategies
 - o **A Technical expert** in renewable energy and energy efficiency
 - o If necessary, additional personnel **may be recruited** based on demand.
- **Funding**
The **initial funding** for the OSS will come from the **ECOEMPOWER project**.
Additional funding will be sought from:
 - o **EU & national grants**
 - o **Private sector sponsorships**
- **2027 – 2030:**

This phase will enhance the OSS’s capabilities by integrating advanced digital tools and expanding the range of services available to energy communities.

- **Activities & Services**
Expansion of services to include new tools and interactive platforms, such as:
 - o A self-assessment tool for energy communities to evaluate project feasibility
 - o A marketplace, a virtual platform, connecting local energy communities with service providers
 - o Providing digital tools for project implementation
 - o The OSS will aim to support at least 15 energy communities in Central Greece by 2030.
 - o Additional public-private partnerships will be explored to ensure growth.
- **Human Resources**
The support team will be expanded to 5 experts, covering:
 - o Policy and regulatory specialists
 - o IT specialists for platform maintenance
- **Funding**
The OSS will seek long-term funding sources, including:
 - o National and regional subsidies
 - o Private sector investments
 - o EU-funded research and innovation projects
- **2030 - 2035:**
By this phase the Digital OSS is planned to be fully developed and self-sustaining online platform, offering digital planning tools, standardized legal frameworks and national collaboration opportunities.
- **Activities & Services**
By this stage, the OSS will become a fully operational, self-sustaining entity, offering:
 - o Advanced energy planning and simulation tools
 - o Legal templates & standardized contracts for energy communities
 - o Training and certification programs for local energy professionals

- o Possible expansion to a national network, integrating best practices from other OSS models.
- **Human Resources**
A stable team of experts, including:
 - o Specialists in emerging energy technologies
 - o Dedicated funding and business development managers
 - o Online community & stakeholder engagement specialists
- **Funding**
 - o Annual budget estimate: To be determined based on previous phases.
 - o Focus on securing:
 - Long-term institutional funding (regional/national/EU level)
 - Commercial partnerships with industry stakeholders

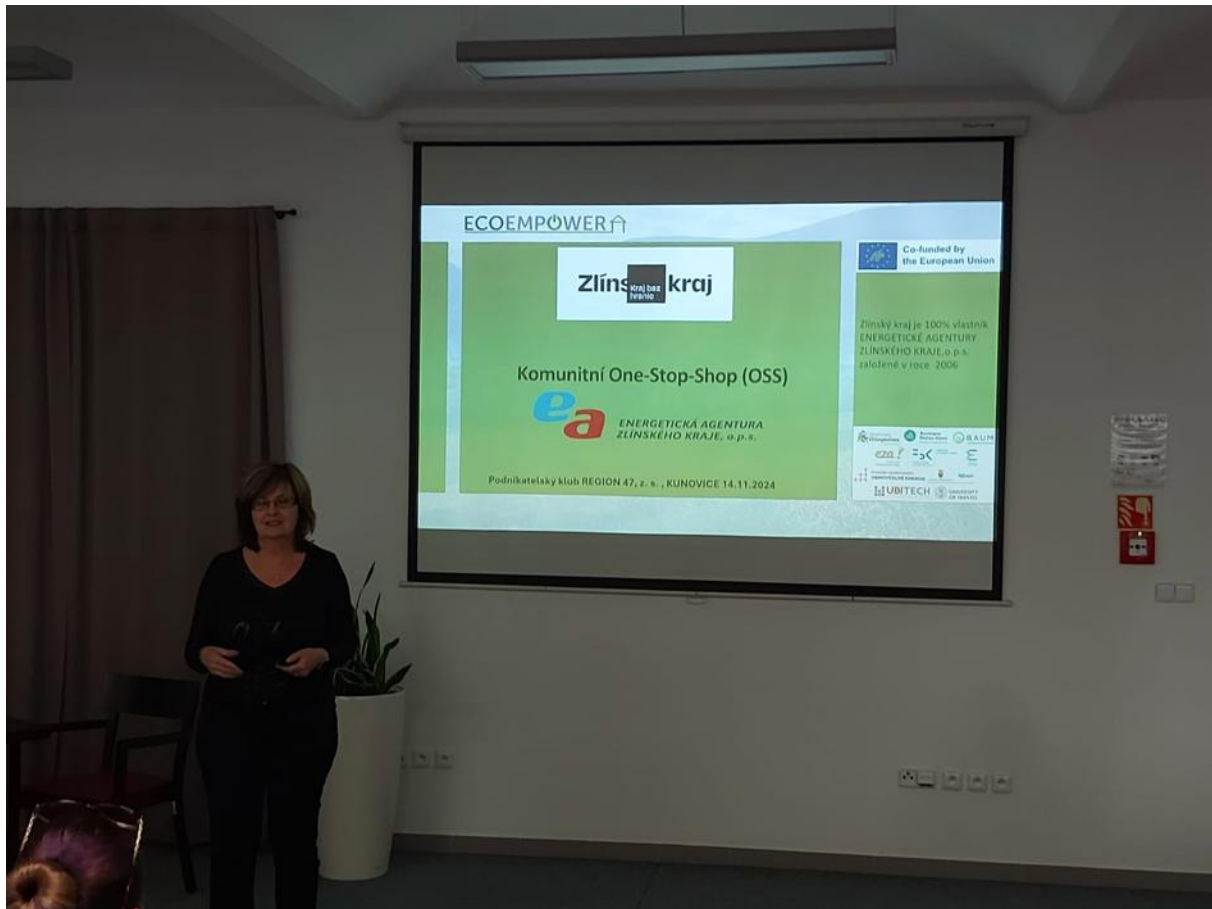
d. Czech Republic - EAZK

Mobilization of stakeholders

EAZK was founded in 2006 and has since helped secure over 550 energy efficiency and RES projects. As a result, the agency has an extensive network of contacts to reach out to when building community OSS.

The following events were linked to the ECOEMPOWER project:

- **14/11/2024: Event with local companies**
 - o Aim of event: presentation of projects
 - o Place of event: Business Incubator Kunovice
 - o Number of participants: 22
 - o Type of participants: local companies
 - o Role of EAZK: EAZK's director presented the Ecoempower project with introduction of OSS
 - o Main outputs: Legislative disadvantage for companies wishing to join a sharing - equal voting rights, large companies only have the option to join a community for RES (not energy community).



- **21/11/2024: Event with mayors**
 - Aim of event: spatial planning, regional development, subsidy programmes, OSS
 - Place of event: Luhačovice
 - Number of participants: 215
 - Type of participants: mayors, Zlín Region Council, Regional Office
 - Role of EAZK: presentation of the Ecoempower project with introduction of OSS
 - Main outputs: Main barriers to sharing and RES - unfavourable conditions for subsidies, unclear legislation, full grid capacity.



- **10/2024-1/2025: Individual consultations with stakeholders**
 - Aim of event: OSS discussion with pilot stakeholders
 - Place of event: Zlín/
 - Number of participants: 4
 - Participants: Tomáš Chmela (Deputy Governor of the Zlín Region), Mário Holík (AH Energy), Miroslav Zemánek (Councillor of the Zlín Region), Oldřich Kozáček (BTH Slavičín)
 - Role of EAZK: face-to-face discussion with individual stakeholders about their needs
 - Main outputs for the OSS: Stakeholders are particularly interested in the following forms of training: visits to other organisations to share experiences, coaching, knowledge transfer training from experts.
 - Other outputs: Main barriers to sharing and RES: misinformation, poor economics of sharing (leading to the acquisition of PV plants mainly for own consumption), unclear legislation, barrier in separate billing of heat and electricity, lack of basic long-term conditions, full grid capacity.



Regional strategic plan

INTRODUCTION

This strategic plan has been written within the frame of ECOEMPOWER Life project. It is based on a large concertation of the stakeholders led between 13/11/2024 and 11/1/2025. This concertation enabled Energy Agency of the Zlín Region (EAZK) to identify better the outlines of the OSS and the way it should be operated. This plan has been presented and discussed with the director of EAZK who approved it on 24/2/2025.

The list of the stakeholders which have been involved in the discussion can be found in Annex.

CONTEXT ON ENERGY COMMUNITIES

Energy communities have been introduced by the European directives 2018/2001 and 2019/944 with the objective of empowering local actors to access energy markets. The member States have translated these definitions and for Czechia it has led to the following regulations:

- Law LEX OZE II - community energy
- Law LEX OZE III (should come in force on 1/7/2025) - accumulation, aggregation, flexibility

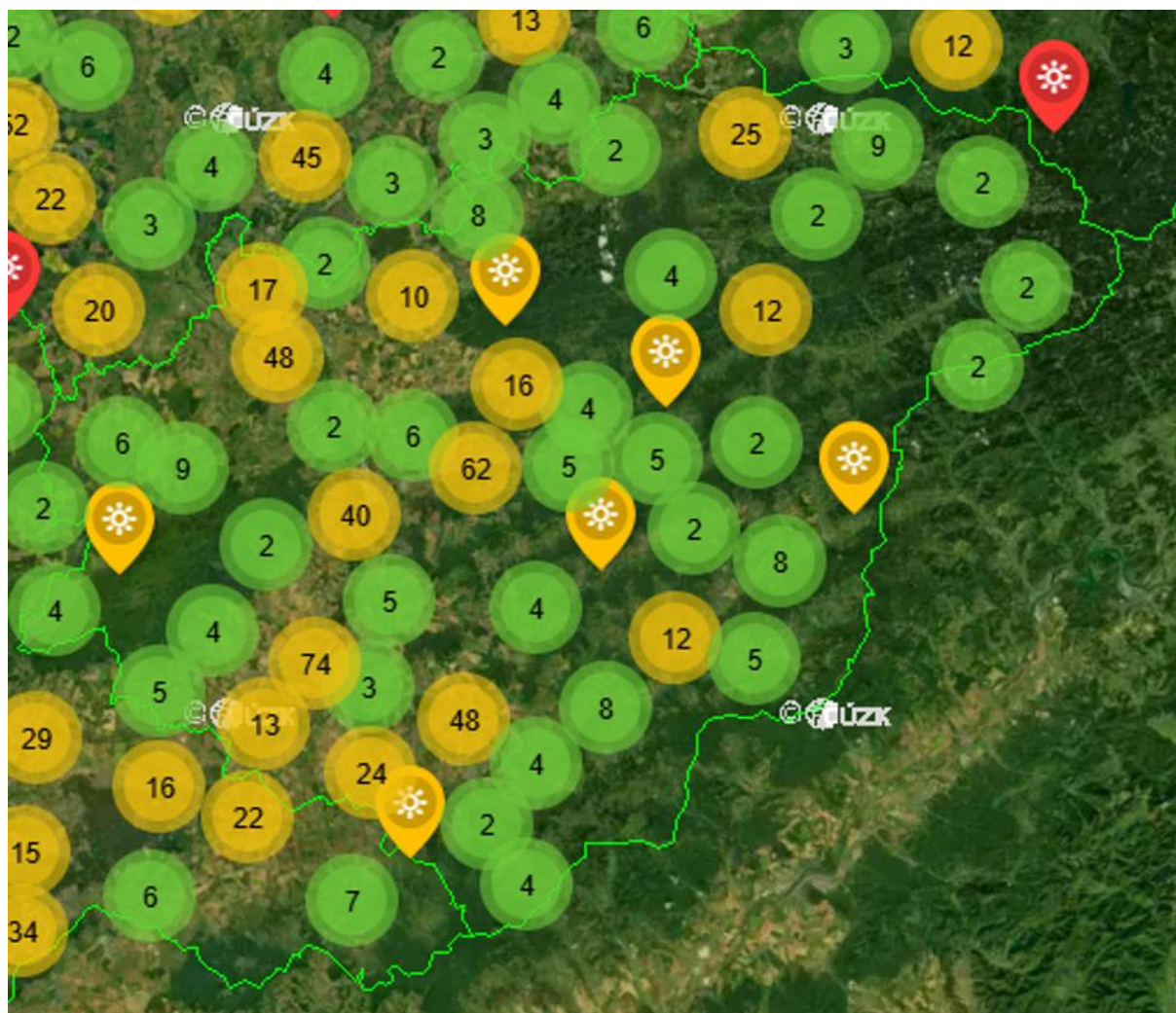
Fostering energy communities is necessary to reach the objectives on energy transition, to improve the local acceptance of RES projects, to facilitate the fundings of projects, etc.

Presently, in the national regulations, energy communities are defined as:

- Energy community: facilitates collective energy generation (including heat), a large company can never become a member

- Community for Renewable Energy Sources (RES): only electricity

A total of 24 energy communities of both types mentioned above are currently registered in Czechia. Two of them are in the Zlín Region. This figure is due to the fact that sharing in Czechia (except for apartment buildings) only really started in October last year. Moreover, due to the conditions that are given under the legislative regulation of community energy (voting rights, registration with the ERO, taxation...), it is easier and more profitable for those interested in sharing to use the form of an active customer. It supports energy sharing among small groups, with a maximum of 11 connection points (CP).



Source: <https://www.mapotic.com/fotovoltanicke-elekrarny-cr>

From the discussions that have been previously led, the main issues and needs have been identified:

- a small subsidy for a larger PV capacity (will not cover the necessary renovation of the roof and the PV itself → not motivating);
- bureaucracy and legislation reduce motivation (tax deductions over CZK 30,000 and equal voting rights of participants);
- lack of information;
- poor technical condition of buildings (insufficient load-bearing capacity of roofs and the need for revitalization of administration buildings)

WHY DEVELOP AN OSS?

The partners of ECOEMPOWER promote the idea that a one-stop shop will bring a lot of added value on the territory and strongly foster the development of energy communities. The main arguments, which were shared at the European level, are reminded below.

Local benefits of an OSS		Interest of a shared approach	
OSS helps to develop more RES projects and reach climate objectives	OSS promote RECs which can use citizens' savings as a lever for financing energy transition	Share experience and avoid starting from scratch for each emerging REC	Be stronger to negotiate partnerships by a collective approach, be more visible
RECs can foster local economic development by promoting local companies and employment	OSS can play an educational role and help deconstruct fake news on RES	Rely on shared human resources able to help the project	Share costs (employees, website costs...)
OSS can represent a neutral trustworthy local structure and bring stability in RES development	OSS can strengthen the territorial links with a local approach, gaining efficiency	Mutualization of tools, services, skills, collectively updated	Increase the credibility of emerging projects as they can rely on successful projects linked with them by the OSS

SCOPE OF THE ONE STOP SHOP (OSS)

The OSS aims at supporting the development of energy communities through the implementation of shared tools and services.

The geographical scope of the OSS is the Zlín Region. The Region is located in the eastern part of the Czech Republic, shares its border with Slovakia and covers 3,964 square kilometres, making it the fourth smallest of the country's regions. The Zlín Region is a frontier region with both agriculture and industrial tradition and a great density of settlements. There are 307 local authorities, with a population of 580 119 inhabitants (2021).

The targeted beneficiaries of the OSS are:

- Energy communities
- Municipalities which want to be part or to support of an energy community
- Local companies which want to be part of an energy community
- Local citizens want to be part of an energy community

The OSS will support the development of energy communities bearing projects on:

- Renewable electricity
- Heating districts

OSS'S OFFER

The OSS aims at developing the following offer:

- A web platform with some dedicated information on energy communities: <https://www.eazk.cz/oss>
- Regular networking activities to share experience, make RECs know and mentor each other, make RECs meet experts and professional structures, etc.
- Regular workshops to bring information on specific items (regulatory framework, incentives, technical solutions, etc.)
- Daily hotline to answer the questions asked by the RECs or the entities which want to create a REC
- Tools to help develop RES projects (business plan templates, statutes, guidelines, etc.)

OPERATION OF THE OSS

The OSS will first be operated by EAZK. This structure is an existing one. This operational scheme is expected to stay unchanged at mid-term.

The governance of the OSS is represented by the following entities and persons:

- EAZK / director of EAZK
- EAZK / manager of the Ecoempower project
- EAZK / contact person for the public
- The Zlín Region/ Councillor of the Zlín Region

They plan to meet every 3 months to discuss about the OSS operation and to plan further developments.

BUSINESS MODEL

The tools and services of the OSS will be available for free. EAZK is a non-profit company, which is fully owned and financed by the Zlín Region, so it provides its services to the Region of Zlín free of charge.

PLANNING OF THE IMPLEMENTATION

The development of the OSS is scheduled over 2 phases which will be implemented over 3 years.

The planned phases are the following:

- **2025 – 2026 (under EcoEmpower project):**

Description of the activities: The main activity will be to address and introduce the OSS to potential interested parties from the region - municipalities, citizens, companies. They will then be offered the tools developed within the Ecoempower project, trainings and comprehensive consultancy to help them navigate the issues of community energy. At the same time, EAZK can act as a "matchmaker" that can connect producers with potential consumers in a sharing. The OSS will be officially launched in February 2025 – website: <https://www.eazk.cz/oss>

Description of resources: In the first phase of the project, staff will be sought to be responsible for initial stakeholder contact and basic advice.

Description of fundings: At this stage, OSS activities are funded by the ECOEMPOWER project. If necessary, other activities will be funded from the core activities of the EAZK.

- **From 2027: extension to the area of flexibility**

Description of the activities: During this period, in combination with law LEX OZE III, the EDC (Energy data center) should also operate from a position of flexibility. The tools developed under the Ecoempower project are therefore likely to complement the flexibility and aggregation advisory.

Description of resources: Depending on the growth of sharing in Czechia, human resources will be allocated accordingly.

Description of fundings: As mentioned above, EAZK is a non-profit organization and is funded by the region. Therefore, budget will be allocated as needed during this period, based on the EAZK's modelled budget.

e. France – Association des Centrales Villageoises

Mobilization of stakeholders

The one-stop shop has already been in place since 2018 in the form of the Association Centrales Villageoises. ACV gathers various stakeholders: energy communities, local authorities and technical partners. These stakeholders meet every year at the association's general meeting, and some of them are involved on a monthly basis on the board of directors.

Regional strategic plan

INTRODUCTION

This strategic plan has been written within the frame of ECOEMPOWER Life project. It is based on a large concertation of the stakeholders led between 15/12/2023 and 18/10/2024. This concertation enabled Association des Centrales Villageoises to identify better the outlines of the OSS and the way it should be operated. This plan has been presented and discussed with the board of administrators of the Association des Centrales Villageoises who approved it on 18/10/2024.

The list of the stakeholders which have been involved in the discussion can be found in Annex.

CONTEXT ON ENERGY COMMUNITIES

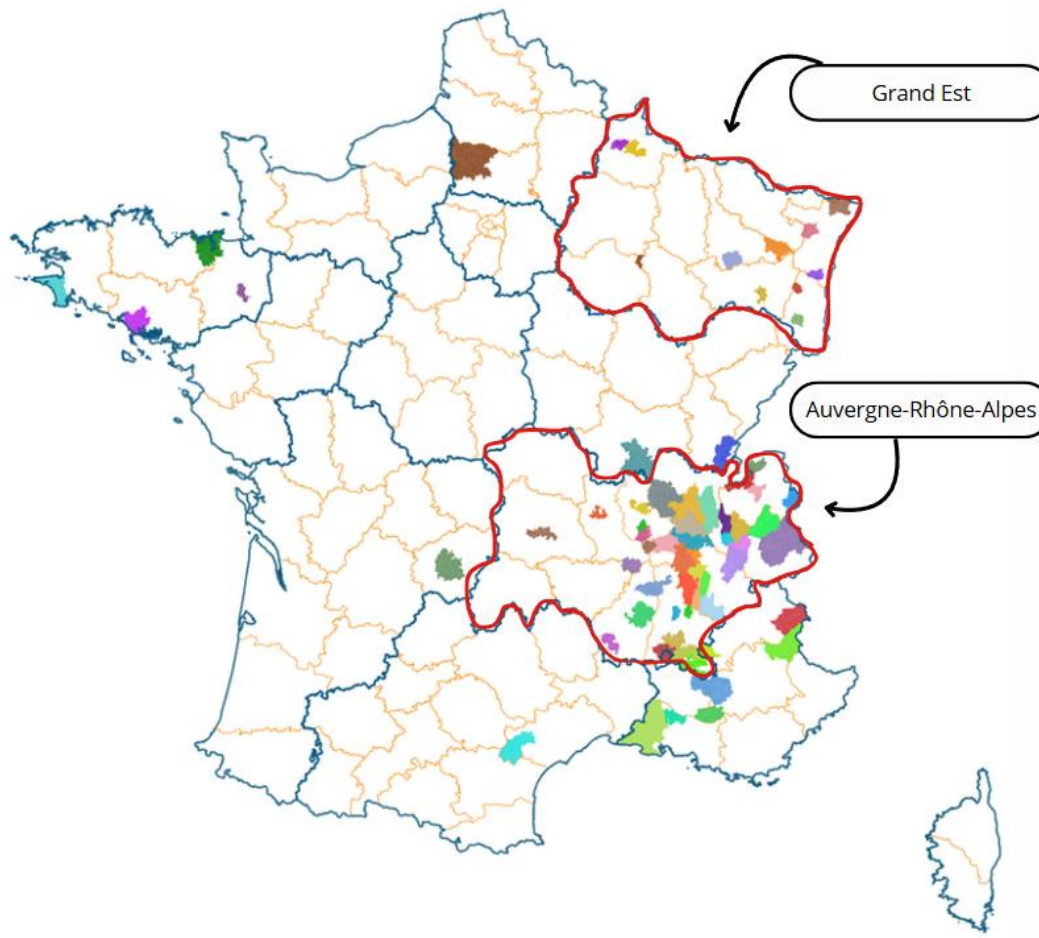
Energy communities have been introduced by the European directives 2018/2001 and 2019/944 with the objective of empowering local actors to access energy markets. The member States have translated these definitions and for France it has led to the following regulations:

- Law 2023-175 for acceleration of renewable energy
- Decree 2023-1287 (December 26th 2023) related to energy communities

Fostering energy communities is necessary to reach the objectives on energy transition, to improve the local acceptance of RES projects, to facilitate the fundings of projects, etc.

Presently, in the national regulations, energy communities are defined as entity controlled by local stakeholders, and which main objective must be “to provide environmental, economic or social benefits to its shareholders or members or to the local areas in which it operates, rather than to generate financial profits”.

In the French regional ecosystem (Auvergne-Rhône-Alpes and Grand Est regions) there are currently 54 energy communities primarily focused on developing photovoltaic projects. However, other renewable energy initiatives are also emerging, such as heating networks and micro-hydroelectricity. Local companies are also working to raise awareness about the importance of saving energy. It is worth noting that many energy communities are transitioning toward new energy-sharing models that enable electricity to be sold directly to neighboring consumers. This model is referred to as collective self-consumption in France.



Map highlighting French energy communities based on the Centrales Villageoises model. The 2 regions where a focus is made through the ECOEMPOWER project are shown in red.

These energy communities are supported by a national OSS, the Association des Centrales Villageoises, a network of energy communities following a same model: the Centrales Villageoises model. 74 energy communities are today part of the network.

From the discussions that have been previously led, the main issues and needs have been identified:

- Needs for development of new resources:
 - company management resources
 - multi-project business plan simulator
 - tools for monitoring photovoltaic installations
 - Resources on ground-mounted photovoltaics
- Needs for development of new services:
 - Support for collective self-consumption projects
 - support in structuring collectives
 - partnership with a consultancy firm
 - more generally, a hotline to answer the various questions of energy community members.

WHY DEVELOP AN OSS?

The partners of ECOEMPOWER promote the idea that a one-stop shop will bring a lot of added value on the territory and strongly foster the development of energy communities. The main arguments, which were shared at the European level, are reminded below.

Local benefits of an OSS		Interest of a shared approach	
OSS helps to develop more RES projects and reach climate objectives	OSS promote RECs which can use citizens' savings as a lever for financing energy transition	Share experience and avoid starting from scratch for each emerging REC	Be stronger to negotiate partnerships by a collective approach, be more visible
RECs can foster local economic development by promoting local companies and employment	OSS can play an educational role and help deconstruct fake news on RES	Rely on shared human resources able to help the project	Share costs (employees, website costs...)
OSS can represent a neutral trustworthy local structure and bring stability in RES development	OSS can strengthen the territorial links with a local approach, gaining efficiency	Mutualization of tools, services, skills, collectively updated	Increase the credibility of emerging projects as they can rely on successful projects linked with them by the OSS

SCOPE OF THE ONE STOP SHOP (OSS)

The OSS aims at supporting the development of energy communities through the implementation of shared tools and services.

The geographical scope of the OSS is: France

The targeted beneficiaries of the OSS are:

- Energy communities
- Municipalities that want to be part or to support of an energy community
- Local companies that want to be part of an energy community
- Local citizens who want to be part of an energy community

The OSS will support the development of energy communities bearing projects on

- Renewable electricity
- Heating districts
- both

OSS'S OFFER

The OSS aims at developing the following offer:

- A web platform with some dedicated information on energy communities
- Regular networking activities to share experience, make RECs know and mentor each other, make RECs meet experts and professional structures, etc.
- Regular workshops to bring information on specific items (regulatory framework, incentives, technical solutions, etc.)

- Daily hotline to answer the questions asked by the CERs or the entities which want to create a REC
- Tools to help develop RES projects (business plan templates, statutes, guidelines, etc.)
- Shared services to help RECs develop RES projects (insurance policy, bank partnership, other technical partnerships...)
- Other: trainings on various topics (technical, financial, organisational issues)

OPERATION OF THE OSS

The OSS will first be operated by Association des Centrales Villageoises. This structure is an existing one. This operational scheme is expected to stay unchanged.

The governance of the OSS is represented by the following entities and persons, members of its Board of Directors:

Stakeholder (legal entity)	Representative (individual)	Function
CV Portes du Vercors	RÉGNIER Jacques	President
CV Pays Mornantais	DUTREVE Gilles	Treasurer
CV Pays du Saintois	AUGIS-CHAMOURIN Martine	Secretary
CV Sud Baronnies	GILLET Stéphane	Vice-President
CV Chabl'Energies	DALHEIMER Philipp	Vice-President
CV Pays de Saverne	CRIQUI Paola	Vice-President
CV Trièves	GONSOLIN Benoît	Vice-President
CV VercorSoleil	DE RANGO Jean-Eric	Administrator
CV Pays d'Aigues	BOSTETTER Jean-Michel	Administrator
CV Val d'Eyrieux	ANTOULY Julien	Administrator
CV Grésivaudan	GAY Vincent	Administrator
CV Eygues Energies	RICHARD Marc	Administrator
AURA-EE	CHATEAU Didier	Administrator
Innoales	GAUCHERAND Damien	Administrator
CV Cévidorées	LEMAIGNAN Bernard	Administrator
CV Soleil Sud Bourgogne	BOUBET Laurence	Administrator
Fédération des PNR	ESCARON Dominique	Administrator

These members are mainly representatives of local energy communities supported by the OSS.

They meet every month (via videoconference) to discuss the operation of the OSS and to plan further developments. In addition, one in-person meeting is organised every year.

The work of the employees is monitored weekly by the members of the association's Board (members highlighted in blue in the table above). These more committed members make day-to-day decisions and are responsible for monitoring the implementation of the strategic plan.

More binding decisions are discussed by the Board of Directors, where each director has one vote.

The Association Centrales Villageoises organises every year a 2-days meeting, bringing together all the energy communities that benefit from the OSS, along with some partners. The OSS General Meeting is held during this event, providing an opportunity to renew the Board of Directors with new members (mandates last 3 years).

BUSINESS MODEL

The tools and services of the OSS will be available mainly on payment by the users (some tools are also available for free). The payment required is calculated considering the revenues and profit of each energy community.

PLANNING OF THE IMPLEMENTATION

The OSS was created before the EcoEmpower project. However, EcoEmpower will enable the organisation to scale up by increasing its human resources and broadening its range of tools and services, enabling it to keep pace with the steady increase in the number of energy communities supported.

The planned phases are the following:

- **2018 – 2023 (before ECOEMPOWER project):**

The Centrales Villageoises association (ACV) was created in 2018 to serve as the OSS for the Centrales Villageoises network, which at the time was consisted of around thirty energy communities.

The structure drew on the prior work of AURA-EE to propose a range of shared tools and services on a website. In particular, these tools included standard statutes for the creation of legal entities, guides for identifying and studying photovoltaic projects, business plan simulators, privileged contacts for banks and insurance companies, etc.

ACV recruited its first employee in 2020. This has enabled resources to be continually updated and training courses to be deployed.

At the same time, the network has continued to expand, reaching around sixty RECs in 2023.

- **2023 – 2026 (under ECOEMPOWER project):**

The Ecoempower project will enable ACV to strengthen and diversify its service offering in a context where the number of energy communities supported is constantly increasing. Here is a summary of actions planned as part of EcoEmpower:

Promoting Energy Communities and developing the network

Target groups: citizens, municipalities, businesses

- Encouraging the spread of the model by organising numerous presentations and bilateral discussions with interested groups.
- Strengthening support for incoming groups by setting up systematic mentoring (operated by an experienced REC) and organising regular meetings (1 every six months) for new involved members

Consolidating support for RECs and their projects

Target groups: members of existing REC

- Developing new partnerships in order to facilitate the REC projects. In particular, a partnership will be set up with a notary and an inspection office.

- To develop and roll out a new training course dedicated to mobilising citizens and organising groups internally
- Development of a new photovoltaic production monitoring tool based on smart meter readings. This tool will take the form of an online platform where it will be possible to view the electricity generated by the photovoltaic installations.

Supporting and stimulating the diversification of REC projects

Target groups: members of existing REC

- Development of tools for small-scale ground-mounted photovoltaic projects and development of a new dedicated training course
- Development of a company-wide business plan simulation tool (adapted from a tool provided by an EcoEmpower partner), capable of combining several activities/investment projects and incorporating staff costs

All the resources will be accessible from the www.centralesvillageoises.fr website. In addition to these development initiatives, there is also day-to-day support for the RECs operated by ACV staff. The EcoEmpower project, combined with other sources of financing (described below), allowed ACV to recruit two people in 2023 and 2024. By the end of 2024, the ACV staff is composed of 3 people (2,8 full-time equivalent):

- Etienne Jouin (since 2020), graduate in energy and environment engineering, who had previous professional experience in project development of wind farms.
- Juliette Rasse (since 2023), graduate in development studies, who had previous experience (internships) in international projects.
- Morgane Besson (since 2024), graduate in energy and environment engineering, who had previous professional experience in project development and construction of renewable energy systems.

In 2024, the OSS had a 283 k€ budget. It was made up of the following categories:

- Members contributions: 17 %
- Training and services: 6%
- Public foundings (including Regional subsidies, EcoEmpower project and another European project from Interreg ALCOTRA program): 49 %
- Private foundings: 28%

In 2025 and 2026, the OSS budget should be around 300 k€, with a comparable distribution.

- **2027 – 2030 (after EcoEmpower project):**

The tools and services developed for RECs before and during EcoEmpower is intended to be sustainable. However, it will always require human resources to keep it updated and to support new users of the OSS.

After EcoEmpower project, ACV expects at least to maintain its budget (300k€/year) and the associated human resources, and if possible, to make it grow, in order to respond to RECs new challenges. The associated work plan isn't easy to define today, as it will depend on the needs of the RECs over this period.

Regarding the budget, new sources of financing will have to be identified. Note that the membership fees should increase over this time, as they are calculated on the basis of sales generated by each REC. The OSS should also be able to increase its self-financing thanks to services and trainings.

A. Annex (events, pictures, list of stakeholders...)

List of the stakeholders involved in the discussion for the strategic plan definition of ACV

Participants in the 15/12/2023 webinar on Ecoempower tools and services

Participant name	Renewable Energy Community
Etienne Jouin	Asso CV
Stéphane GILLET	CVSB
Philipp Dalheimer	Chabl'Energies
Jean-Luc Crochet	Chabl'Energies
Noël DUBOIS	CV Haut-Jura
Yves POETE	CVHJ
Alain Rougier	Gresi21
Laurence BOUBET	Soleil sud Bourgogne
Daniel MONNIER	CV Pays Derois
Frank Van de Velde	CV Lure-Albion
Dominique JACQUES	CVPV
Audrey MATT	PNR Bp
Augis martine	CVPS
Teil patrick	CEVIVAL
Odile DELORME	CVRC
Evelyne Graux	CVBDS
Clément Vernédal	CV Énergies cœur de Corrèze
JP Thomas	CVRE
Benoît Gonsolin	CVTrièves
Daniel Bret	CVTrièves
Graux JC	CVBDS
JM Sauvage	CV4M
Alain Daccord	CVPV
Fanny Vadon	Wattisere
Jean-luc Guichaoua	CVOC
Zint Etienne	Vologne Moselle
Velu agnès	Coop'Ain Energie
Jean-Michel B	CVPA
Paola Criqui	Pays de Saverne
KELLER Alain	Arlysolère
Cyrille Emond	CV Région de Condrieu

Participants in the 18/10/2024 administrators' meeting

Administrators:

Name	Present	Excused	Missing
REGNIER Jacques	X		
DUTREVE Gilles	X		
AUGIS-CHAMOURIN Martine	X		
CRQUI Paola	X		
GONSOLIN Benoit	Visio		
GILLET Stéphane	X		
DALHEIMER Philipp	X		
ANTOULY Julien			x
DE RANGO Jean-Eric	X		
BOSTETTER Jean-Michel	X		
GAY Vincent	X		
BOUBET Laurence		x	
LEMAIGNAN Bernard	X		
RICHARD Marc	X		
GAUCHERAND Damien	X		
CHATEAU Didier			x
ESCARON Dominique			x

Invited members:

Name	Present	Excused	Missing
POIZE Noémie	X		
JOUIN Etienne	X		
RASSE Juliette	X		

BESSON Morgane	X		
MOUTET Philippe			x
DUBREUIL Claude	X		
TESTANIERE Claude			x
MOINE Gérard			x
VAUTRIN Loïc			x
NAPOLY Daniel			x

Conclusion

Most of the regional ecosystems have planned to develop an OSS supported by an existing structure, at least during the first years. The main tools and services will be available for free during the starting phase, since it will be implemented thanks to public funds. In some cases, paying services will be proposed, like personalized advisory services. They shall cover several aspects: legal framework, technical documents, business plans, etc. Electricity sharing will be at the core of the topics covered, but the partners also identified some needs regarding renewable heat.

These strategic plans are the results of many discussions with local stakeholders, mainly public bodies but also local federations, DSOs, existing energy communities, local SMEs. Some of the partners succeeded in defining precisely a budget for the implementation, but for others this was a bit too early.

List of Abbreviations

DSO: Distribution Service Operator

OSS: One-Stop Shop

PV: Photovoltaics

REC: Renewable Energy Community

RES: Renewable Energy Sources

SMEs: Small and Medium Enterprises

Im aktuellen Dokument sind keine Quellen vorhanden.

ANNEX : LIST OF STAKEHOLDERS

COUNTRY	ECOEMPOWER PART	STAKEHOLDER NAME	TYPE
ITALY	PAT	FEDERAZIONE TRENTINA DELLE COOPERATIVE (regional federation of cooperatives)	other company
ITALY	PAT	CONSORZIO DEI COMUNI TARENTINI (lobby of municipalities)	other
ITALY	PAT	ENEA	energy agency
ITALY	PAT	4 CONSORZI BIM (4 association of municipalities aggregated by hydrographic)	public body
GERMANY	eza!	MUNICIPALITIES (147 in the Allgäu region) + COUNTIES + BAVARIAN MUNICIPALITIES	public body
GERMANY	eza!	Mayor of Scheidegg	public body
GERMANY	eza!	Bavarian Municipal Congress Lindau	public body
GERMANY	eza!	Climate Protection Manager District of Oberallgäu	public body
GERMANY	eza!	Climate Protection Manager District of Lindau	public body
GERMANY	eza!	Climate protection manager district Ostallgäu	public body
GERMANY	eza!	Bavarian Community Day Oberallgäu	public body
GERMANY	eza!	Climate Protection Manager City of Kempten	public body
GERMANY	eza!	Allgäu GmbH	other
AUSTRIA	eza!	Elektrizitätswerke Reutte	DSO
AUSTRIA	eza!	Vorarlberger Kraftwerke AG	DSO
GERMANY	eza!	Lechwerke AG (LEW)	DSO
ITALY	PAT	Municipalities	Public bodies
ITALY	PAT	SET distribuzione	DSO
ITALY	PAT	CEDIS	DSO
ITALY	PAT	CEIS	DSO
ITALY	PAT	CEP	DSO
ITALY	PAT	ACSM	DSO
ITALY	PAT	Existing EC in Trentino	energy community
ITALY	PAT	CONFINDUSTRIA TRENINO (lobby of enterprises)	other company
ITALY	PAT	ASSOCIAZIONE ARTIGIANI DEL TRENINO (lobby of enterprises)	other company
ITALY	PAT	CASSA CENTRALE BANCA (bank group)	bank
Italy	FBK	RSE	public body
Italy	PAT	Associazione professionisti per le CER	
Italy	FBK	COMMUNITAS	other
Italy	PAT	CARITRO	other
GERMANY	eza!	Klima3 Energieagentur STA, FFB, LL	energy agency
GERMANY	eza!	Energieagentur Nordbayern	energy agency
GERMANY	eza!	Energieagentur Südostbayern	energy agency
GERMANY	eza!	Energieagentur Regensburg	energy agency
Germany	BAUM	Easy Smart Grid GmbH	other
France	Asso CV	Centrales Villageoises du Haut Dauphiné	energy community (established)
France	Asso CV	Centrales Villageoises Taute Vire Bocage	energy community (established)
France	Asso CV	Centrales Villageoises du Pays Derois	energy community (established)
France	Asso CV	Centrales Villageoises Solely Brequin	energy community (established)
France	Asso CV	Centrales Villageoises Soleil Beaujolais	energy community (established)
France	Asso CV	Centrales Villageoises Averno Durable	energy community (established)
France	Asso CV	Centrales Villageoises Beewawt	energy community (established)
France	Asso CV	Centrales Villageoises Energies Tarines	energy community (established)
Germany	eza!	Energie am Kaufering	public body
Germany	eza!	P2M	engineering company
Germany	eza!	Gemeinde Windach	public body
Germany	eza!	LKR Kulmbach	public body
Germany	eza!	EPNV GmbH	engineering company
Germany	eza!	Energie am Donauwörth	public body
Germany	eza!	Gemeinde Ofenbach	public body
Germany	eza!	Energieagentur Nordbayern	energy agency
Germany	eza!	Müller Group	other
Italy	FBK	EC4RURAL	other
Italy	FBK	DISCOVER	other
Italy	FBK	ENCOMHUB	other
Greece	ROCG	Municipality of Domokos	other
Greece	ROCG	SOCIAL WELFARE CENTER OF REGION OF CENTRAL GREECE	other
Greece	ROCG	Municipality of Amfikleia	other
Italy	FBK	POWERYOUTH	other
Germany	BAUM	Gemeinde Fuchstal	other
Germany	BAUM	Es-geht! Energiesysteme	other
Germany	BAUM	Stadtwerk Haßfurt	other
Germany	BAUM	Stadtwerke Wunsiedel	other

Febbraio 2025

PIANO STRATEGICO REGIONALE DELL'OSS, COMPRESA LA DESCRIZIONE DELLE ATTIVITÀ DI MOBILITAZIONE DELLE PARTI INTERESSATE.



Il progetto ECOEMPOWER - ECOSystems EMPOWERing at regional and local scale supporting energy communities riceve un finanziamento dall'Agenzia esecutiva europea per il clima, le infrastrutture e l'ambiente (CINEA) nell'ambito di

Accordo di sovvenzione n. 101120775.



RIFERIMENTI TECNICI

Acronimo del progetto	ECOEMPOWER
Titolo del progetto	ECOSystems EMPOWERing su scala regionale e locale a sostegno delle comunità energetiche.
Programma di finanziamento	VITA 2027
Chiamata	VITA-2022-CET
Argomento	LIFE-2022-CET-ENERCOM
Coordinatore del progetto	Cinzia Morisco (FBK)
Data di inizio del progetto	1 settembre 2023
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Durata del progetto	36 mesi
ID progetto	101120775

Consegna n.	D5.1
Livello di diffusione	PU - Pubblico
Pacchetto di lavoro	WP5
Compito	T5.1
Autore/i	PAT

ELENCO DI PAROLE CHIAVE

Piano strategico - Comunità per le energie rinnovabili - One-Stop Shop - Roadmap di strumenti e servizi - Mobilitazione delle parti interessate - Pianificazione a lungo termine - Focus group delle parti interessate - Empowerment - Condivisione dell'energia - Energie rinnovabili

ESCLUSIONE DI RESPONSABILITÀ

Il parere espresso in questo rapporto riflette l'opinione degli autori e non quella della Commissione europea. L'Unione Europea non è responsabile dell'uso che può essere fatto delle informazioni contenute in questo documento.

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ACRONIMI:

PAT: Provincia Autonoma di Trento

CER: Comunità di Energia Rinnovabile

OSS: One Stop Shop – sportello unico

SINTESI

Questo deliverable descrive per la Provincia Autonomia di Trento le attività condotte per mobilitare gli stakeholder intorno alla creazione di uno Sportello Unico (OSS) a supporto dello sviluppo delle Comunità per le Energie Rinnovabili. Queste attività includono eventi pubblici, incontri bilaterali, workshop dedicati e sono state rivolte a vari tipi di stakeholder.

Il deliverable riporta anche i piani strategici adottati dalla PAT per pianificare l'implementazione del proprio OSS, sulla base degli input degli stakeholder. Questi piani strategici includono una descrizione di

- il target dei beneficiari
- il campo di intervento
- il tipo di strumenti e servizi che saranno sviluppati
- La governance dell'OSS e il luogo in cui verrà ospitato
- Il modello di business previsto e le risorse che saranno assegnate
- Le fasi di sviluppo previste nei prossimi 5 anni

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Piani strategici regionali e mobilitazione delle parti interessate (paese per paese)	Errore. Il segnalibro non è definito.
a. Italia - Provincia di Trento	Errore. Il segnalibro non è definito.
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Introduzione

OBIETTIVI DEL LAVORO RIPORTATO

Lo scopo di questo lavoro è quello di aprire la strada allo sviluppo di un One-Stop-Shop (OSS) in ogni ecosistema regionale, in modo da sostenere lo sviluppo delle comunità energetiche. Il primo obiettivo era quello di mobilitare le parti potenzialmente interessate dal futuro OSS, sia come beneficiari che come contributori, e discutere con loro il quadro dell'OSS, la sua governance, il finanziamento e i servizi futuri. Il secondo passo è stato quello di progettare un piano strategico, sulla base dei risultati degli stakeholder, in modo da garantire una comprensione comune delle esigenze e condividere un approccio comune sull'implementazione delle operazioni.

COME LEGGERE QUESTO DOCUMENTO

Il documento descrive il lavoro del PAT con una descrizione della mobilitazione delle parti interessate e una presentazione del piano strategico.

STRUTTURA DEL DOCUMENTO

Ogni parte sulla mobilitazione degli stakeholder è un breve riassunto dei vari incontri che sono stati condotti.

Ogni piano strategico è stato costruito su una struttura comune, fornita da AURA-EE.

Mobilizzazione delle parti interessate

• **CONTESTO**

Le discussioni con gli stakeholder locali sono iniziate nel 2021 in Trentino, contestualmente alla pubblicazione della disciplina transitoria che norma le Comunità per le Energie Rinnovabili (REC). Da allora esiste un gruppo di lavoro territoriale che si riunisce regolarmente per discutere le questioni relative alle CER. Diverse attività sono state condotte per definire il ruolo della Provincia in questo processo di sviluppo e il supporto che potrebbe portare alle CER. Un incontro importante si è tenuto il 14 febbraio 2024. Si è trattato di un workshop interno con stakeholder pubblici e privati per discutere del modello migliore per le CER in Trentino. I partecipanti hanno elaborato alcune linee guida che sono state utili per definire il ruolo della pubblica amministrazione nello sviluppo di queste iniziative.

La PAT, utilizzando il portale web precedentemente sviluppato per dare informazioni sull'efficienza energetica, ha pubblicato alcune informazioni di base sulle Comunità di energia rinnovabile: <https://infoenergia.provincia.tn.it/>. Questo portale è aggiornato dalla PAT con accesso libero a chiunque e sarà implementato durante la costituzione dell'OSS.

Pertanto, l'esperienza della PAT non è partita da zero con mobilitazione degli stakeholder per creare un OSS da attivare nel contesto di ECOEMPOWER. Utilizzando l'esperienza maturata nel precedente lavoro sull'efficienza energetica degli edifici, PAT ha seguito questo approccio, costituendo un gruppo di portatori di interesse, in modo da poter incontrare e intervistare diversi soggetti in merito alla loro visione di un futuro OSS.

• **EVENTI DI MOBILITAZIONE**

I seguenti eventi sono stati organizzati nell'ambito del progetto ECOEMPOWER:

- **Evento pubblico** il 04/06/2024:
 - Obiettivo dell'evento: presentare i vari servizi forniti dal GSE ai Comuni sulle questioni energetiche. Il GSE ha presentato i propri servizi in un evento organizzato dalla PAT
 - Luogo dell'evento: Sede della Provincia Autonoma di Trento, Piazza Dante 15, Trento
 - Numero di partecipanti: 120
 - Tipo di partecipanti: comuni, imprese, associazioni.
 - Ruolo della PAT: coordinamento dell'evento, invito dei partecipanti, follow-up dell'evento a tutti i partecipanti.
 - Principali risultati per l'OSS: presentazioni dei vari schemi riguardanti le CER e le altre forme di autoconsumo e condivisione di energia.
 - Altri risultati: è stato firmato un accordo tra GSE e PAT.
- **Focus group n°1 con gli stakeholder locali** il 12/09/2024:
 - Obiettivo dell'evento: Presentare il lavoro della PAT intorno alle comunità energetiche, prima idea di strategia OSS, ascolto e scambio di esperienze tra le CER
 - Luogo dell'evento: Uffici APRIE, Piazza Fiera 3, Trento
 - Numero di partecipanti: 25
 - Tipo di partecipanti: sono stati invitati tutti e le CER costituite le parti interessate.
 - Ruolo della PAT: organizzare l'incontro e coordinare i lavori
 - Principali risultati per l'OSS: le CER hanno presentato il loro lavoro ma non i loro modelli di business. Altri stakeholder hanno presentato il loro ruolo. Le CER hanno condiviso esigenze e problemi

- Altri risultati: le CER hanno espresso la necessità di ricevere supporto sulla migliore strategia da attuare per la costruzione di impianti a fonti di energia rinnovabile. Questo supporto può fare la differenza, cercando di affrontare i vincoli fisici e i problemi tecnici di un territorio alpino.
- **Focus group n°2 con gli stakeholder locali il 21/10/2024:**
 - Obiettivo dell'evento: presentare lo strumento del modello di business e il report realizzato da PAT nell'ambito del progetto ECOEMPOWER.
 - Luogo dell'evento: Uffici APRIE, Piazza Fiera 3, Trento
 - Numero di partecipanti: 13
 - Tipologia di partecipanti: Responsabile interno dei servizi della PAT, Rappresentante finanziario (Cassa del Trentino), Federazione dei Comuni presente - Federazione delle Cooperative assente.
 - Ruolo della PAT: presentazione delle attività e delle strategie degli enti pubblici
 - Principali risultati per l'OSS: analisi dell'aspetto finanziario di una CER. Non è facile prevedere la sostenibilità finanziaria di una CER senza impianti di medie/grandi dimensioni e un'elevata efficienza.
 - Altri risultati: discussione sui servizi che potrebbero essere offerti alle CER. L'incontro si è concentrato anche sulla questione dei business plan redditizi per gli impianti fotovoltaici basati su edifici pubblici, dato che il locale Consorzio dei Comuni era presente.
- **Altri eventi organizzati per mobilitare le parti interessate:**
 - 05/02/2025: incontro con i siti pilota Ecoempower
 - marzo 2025 (da organizzare): incontro con le CER e le parti interessate per presentare l'OSS virtuale e il piano strategico



Riunione interna con le comunità energetiche



Riunione interna con le parti interessate

● **PRINCIPALI RISULTATI DELLE DISCUSSIONI**

In seguito alle varie discussioni, sono stati evidenziati i seguenti punti chiave:

- Poiché il portale web esistente è ospitato dalla PAT, non può proporre strumenti e servizi che rientrano nel settore della concorrenza e non può offrire servizi a pagamento, ma può collegarsi a strumenti gratuiti esistenti a livello nazionale e internazionale.
- Il portale PAT sarà una pagina di atterraggio che collegherà altri siti web e strumenti specifici a livello locale e nazionale, utili per lo sviluppo delle CER,
- La PAT non ha il tempo di operare pienamente nel medio-lungo termine, il personale dovrebbe essere rafforzato per mantenere un buon livello di servizio.

- PAT si incontra spesso con la Federazione Trentina delle Cooperative Si stanno organizzando incontri periodici tra CER con forme cooperative. PAT organizzerà incontri di rete con tutte le iniziative e non solo con le cooperative. Il quadro legislativo nazionale non è stabile in Italia, ci sono molti problemi sulle procedure di autorizzazione per gli impianti fotovoltaici.
Alcune CEResistenti in Trentino non sono operative, spesso non hanno ancora impianti fotovoltaici installati, quindi una parte del lavoro consiste nell'indirizzare queste iniziative verso l'operatività. Parallelamente seguiamo quelle operative per capire quali siano le criticità e come dare supporto allo sviluppo.

- **PREPARAZIONE DEL PIANO STRATEGICO**

Il piano strategico è stato preparato dalla PAT sulla base del modello fornito da AURA-EE.

Il piano è stato discusso internamente con un comitato direttivo composto da dirigenti interni della PAT e dalla parte politica della PAT, mentre esternamente è stato discusso con la Federazione delle cooperative, il consorzio dei comuni e i rappresentanti delle CEResistenti. Il piano strategico è stato aggiornato grazie agli input forniti da tutti gli stakeholder citati.

Piano strategico regionale

INTRODUZIONE

Questo piano strategico è stato redatto nell'ambito del progetto ECOEMPOWER Life. Si basa su un'ampia concertazione delle parti interessate condotta tra settembre 2023 e febbraio 2025. Questa concertazione ha permesso alla Provincia Autonoma di Trento di identificare meglio i contorni dell'OSS e il modo in cui dovrebbe essere gestito. Questo piano è stato presentato e discusso con gli stakeholder locali a inizio 2025.

L'elenco delle parti interessate coinvolte nella discussione è riportato in allegato.

CONTESTO DELLE COMUNITÀ ENERGETICHE

Le comunità energetiche sono state introdotte dalle direttive europee 2018/2001 e 2019/944 con l'obiettivo di dare agli attori locali la possibilità di accedere ai mercati dell'energia. Gli Stati membri hanno tradotto queste definizioni e per l'Italia hanno portato alle seguenti normative:

- D.Lgs. 8 novembre 2021 n.199;
- Decreto del Ministero dell'Ambiente e della Sicurezza Energetica del 7 dicembre 2023;
- successivi atti ministeriali che introducono finanziamenti, norme e specifiche in relazione allo standard nazionale;

Promuovere le comunità energetiche è necessario per raggiungere gli obiettivi della transizione energetica, per migliorare l'accettazione locale dei progetti sulle fonti energetiche rinnovabili (FER), per facilitare il finanziamento dei progetti, ecc.

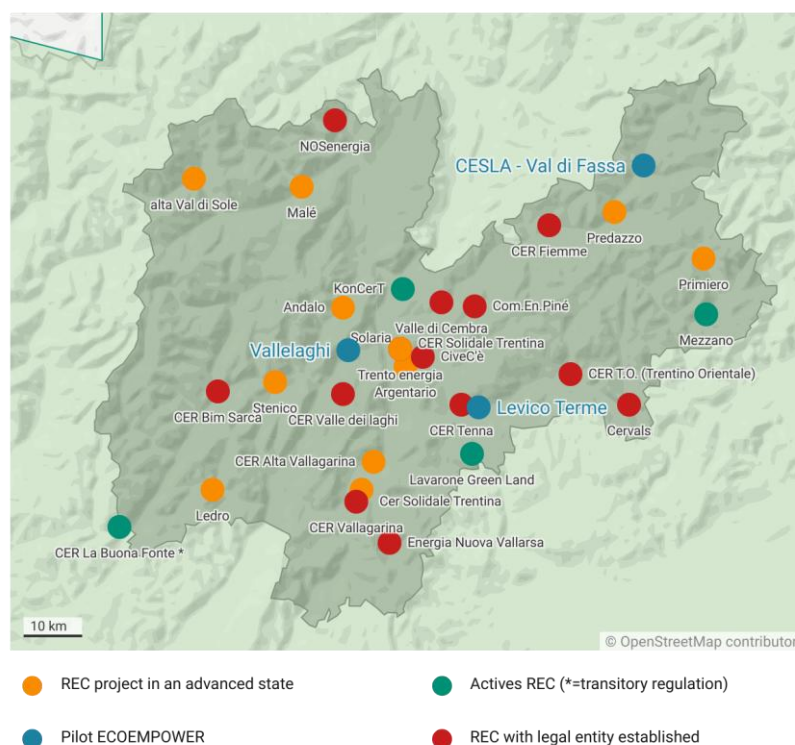
Attualmente, nella normativa nazionale italiana, le comunità energetiche sono definite come un insieme di cittadini, piccole e medie imprese, enti territoriali e autorità locali, comprese le amministrazioni comunali, le cooperative, gli enti di ricerca, gli enti religiosi, quelli del terzo settore e di tutela ambientale, che condividono (virtualmente) l'energia rinnovabile prodotta da impianti nella disponibilità di uno o più soggetti associati alla comunità. Questi soggetti (almeno due utenti) costituiscono un'entità giuridica e, attraverso la realizzazione di nuovi impianti di energia rinnovabile e tenendo conto degli utenti consumatori che fanno parte della

configurazione, generano un incentivo in funzione dell'energia condivisa. Questa configurazione presuppone la presenza di almeno due clienti finali, proprietari di almeno un punto di consumo e di un impianto di produzione di energia rinnovabile facenti parte della stessa entità giuridica che è la Comunità per le Energie Rinnovabili di cui devono avere il controllo. Gli impianti e i punti di consumo devono essere situati sotto la stessa cabina primaria. L'energia condivisa all'interno della configurazione (cioè prodotta e consumata nello stesso arco di tempo dai membri della configurazione) dà luogo a un incentivo economico che consiste in una tariffa di potenziamento per un minore utilizzo della rete elettrica e in un premio per l'energia condivisa.

I membri che fanno parte della Comunità delle Energie Rinnovabili decidono democraticamente come allocare gli incentivi economici generati, che devono essere utilizzati non a scopo di lucro ma per scopi economici, sociali e ambientali.

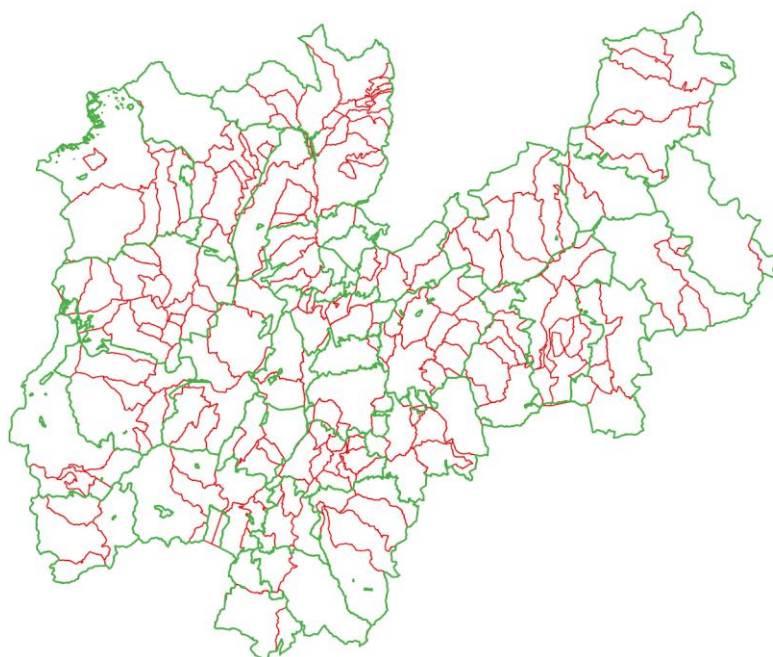
Renewable Energy Communities in Trentino

status at 15.february 2025



Mappa: PAT APRIE - Creato con Datawrapper

In Trentino ci sono 4 CER operative e circa 15 comunità energetiche che stanno lavorando per diventare operative. La maggior parte di esse ha costituito un'entità legale, principalmente come associazioni o cooperative. Alcune stanno lavorando per costruire impianti rinnovabili, spesso con impianti fotovoltaici, ma ci sono anche alcune esperienze di mini-idroelettrico. In alcuni casi, la CER ha un territorio ben definito, mentre in altri casi i promotori stanno cercando di adattare la comunità ai confini sociali (ad esempio una valle) anche quando l'area della sottostazione primaria non si adatta bene. La mappa seguente mostra la mancata corrispondenza tra i confini rossi (limiti comunali) e quelli verdi (perimetro dell'area della cabina primaria).



Dalle discussioni condotte in precedenza, sono stati identificati i principali problemi e bisogni in alcuni servizi specifici per le REC:

- Abbinare produttori e consumatori in un territorio
- Aiutare le CER a coinvolgere le persone e a comunicare il funzionamento delle CER.
- Servizi finanziari: finanziamento degli impianti (in particolare gli incentivi pubblici non sono applicabili) e costruzione di un modello di business stabile dell'iniziativa, abbinando partner finanziari privati
- Identificare la migliore entità legale
- Identificare l'area territoriale migliore
- Analisi della configurazione: trovare il miglior equilibrio tra il potenziale di produzione e di consumo

PERCHÉ SVILUPPARE UN OSS?

I partner di ECOEMPOWER promuovono l'idea che uno sportello unico porterà valore aggiunto sul territorio e favorirà fortemente lo sviluppo delle comunità energetiche. Le principali argomentazioni, condivise a livello europeo, sono ricordate di seguito.

Vantaggi locali di un OSS		Interesse per un approccio condiviso	
L'OSS aiuta a sviluppare più progetti FER e a raggiungere gli obiettivi climatici	L'OSS promuove i REC che possono utilizzare i risparmi dei cittadini come leva per finanziare la transizione energetica.	Condividere l'esperienza ed evitare di partire da zero per ogni CER emergente	Essere più forti per negoziare i partenariati con un approccio collettivo, essere più visibili

Le CER possono favorire lo sviluppo economico locale promuovendo le imprese e l'occupazione locali.	Gli OSS possono svolgere un ruolo educativo e aiutare a decostruire le fake news sulle FER.	Affidarsi a risorse umane condivise in grado di aiutare il progetto	Costi di partecipazione (dipendenti, costi del sito web...)
Gli OSS possono rappresentare una struttura locale neutrale e affidabile e portare stabilità nello sviluppo delle FER.	Gli OSS possono rafforzare i legami territoriali con un approccio locale, guadagnando in efficienza	Mutualizzazione di strumenti, servizi, competenze, aggiornati collettivamente	Aumentare la credibilità dei progetti emergenti, che possono contare su progetti di successo collegati a loro dall'OSS.

AMBITO DI APPLICAZIONE DELLO SPORTELLINO UNICO (OSS)

L'OSS mira a sostenere lo sviluppo di comunità energetiche attraverso l'implementazione di strumenti e servizi condivisi.

L'ambito geografico dell'OSS è la provincia di Trento. Dal punto di vista amministrativo, l'area comprende 166 comuni. Ad eccezione delle città principali, Trento e Rovereto, e di alcuni centri sotto i 15.000 abitanti, la maggior parte dei comuni è piccola e rurale. Il territorio è tutto montuoso e urbanizzato soprattutto lungo i crinali delle valli. Dal punto di vista energetico, il territorio è suddiviso in 33 zone sottese da cabine di trasformazione AT/MT (sottostazioni primarie), e sono queste le zone rilevanti ai fini dell'incentivazione delle comunità energetiche. Va notato che nella maggior parte dei casi i confini del territorio comunale non coincidono con quelli delle sottostazioni primarie.

Oggi il Trentino è una delle province più ricche d'Italia ed è anche una delle regioni europee con la più alta densità di imprese cooperative. Su una popolazione di 500 mila abitanti e 210 mila famiglie, i soci delle cooperative sono 270 mila. Allo stesso tempo, sono più di 3.500 le associazioni esistenti e operanti in Trentino nei vari ambiti della società e della vita civile. Un tessuto sociale importante che si rivela terreno fertile per la nascita di comunità di energie rinnovabili.

Per la progettazione dello Sportello Unico abbiamo cercato di tenere insieme queste componenti, coinvolgendo innanzitutto, come stakeholder, gli enti che rappresentano queste realtà: il Consorzio dei Comuni Trentini, la Federazione Trentina per la Cooperazione e la Fondazione Caritro (che finanzia le associazioni per progetti socio-culturali).

I beneficiari dell'OSS sono

- Comunità energetiche
- I comuni che vogliono far parte o sostenere una comunità energetica
- Aziende locali che vogliono far parte di una comunità energetica
- Cittadini locali che desiderano far parte di una comunità energetica
- Enti professionali che vogliono proporre servizi alle comunità energetiche

L'OSS sosterrà lo sviluppo di comunità energetiche che sostengono progetti su

- Elettricità rinnovabile

- Distretti di riscaldamento
- entrambi

OFFERTA DI OSS

L'OSS mira a sviluppare la seguente offerta:

- Una piattaforma web (<https://infoenergia.provincia.tn.it/Autoconsumo-diffuso>) con alcune informazioni dedicate alle comunità energetiche
- Attività di networking regolari per condividere esperienze, far conoscere e guidare CER tra loro, far incontrare le CER con esperti e strutture professionali, ecc.
- Workshop periodici per portare informazioni su temi specifici (quadro normativo, incentivi, soluzioni tecniche, attività sociali, ecc.)
- Linea diretta giornaliera per rispondere alle domande delle CER o delle entità che desiderano creare una CER
- Strumenti per lo sviluppo di progetti CER (modelli di business plan, statuti, linee guida, ecc.)
- Servizi condivisi per aiutare le CER a sviluppare progetti FER (polizza assicurativa, partnership bancaria, altre partnership tecniche...)
- Informazioni e strumenti sugli strumenti finanziari, soprattutto per coprire la parte di investimento non coperta dagli incentivi pubblici.

FUNZIONAMENTO DELL'OSS

L'OSS sarà innanzitutto gestito dall'Agenzia provinciale per le risorse idriche e l'energia della Provincia autonoma di Trento. Questa struttura è già esistente e opererà come OSS. Questo schema operativo è destinato a cambiare nel medio periodo fino alla creazione di un ente specifico che ospiterà l'OSS.

Questo significa che nella prima fase la governance dell'OSS è pubblica, gestita direttamente dall'ente provinciale. L'OSS si basa anche sull'evoluzione di un accordo tra un gruppo di enti locali che si occupano di comunità energetiche a diverse scale. Questo accordo comprende la PAT, la Federazione delle Cooperative Trentine, l'Associazione dei Comuni e l'Associazione delle Imprese.

Questo gruppo è rappresentato dalle seguenti entità e persone:

- Provincia Autonoma di Trento/ Giovanni Gardelli/ dirigente del dipartimento urbanistica, energia,
- Provincia Autonoma di Trento/Sara Verones/ direttore dell'ufficio pianificazione energetica dell'Agenzia provinciale per le risorse idriche e l'energia
- Provincia Autonoma di Trento/ Massimo Plazzer/ funzionario tecnico dell'Agenzia provinciale per le risorse idriche e l'energia
- Federazione Trentina delle Cooperative/Alessandro Ceschi/Direttore generale
- Federazione Trentina delle Cooperative/Marco Dalla Torre/ coordinatore del progetto CER
- Consorzio dei Comuni Trentini/Marco Riccadonna/Direttore generale
- Consorzio dei Comuni Trentini/Davide Sartori/direttore area legale
- Fondazione Caritro/Andrea Cuoghi/responsabile del progetto REC
- Fondazione Caritro/Fabio Bazzanella/funzionario del progetto REC
- Centro Servizi per il Volontariato/rappresentante (da coinvolgere)

Si prevede di incontrarsi ogni 3 mesi per discutere del funzionamento dell'OSS e per pianificare ulteriori sviluppi. Vengono inoltre organizzati incontri periodici con le CER esistenti.

Questo tipo di organizzazione ha il vantaggio di poter essere creata in breve tempo e senza costi di avviamento, avendo come spina dorsale istituzioni pubbliche già esistenti. Tuttavia, anche in presenza di accordi formali,

mettere insieme diverse istituzioni che si sono organizzate sul tema delle comunità energetiche è una fase delicata che va gestita con saggezza.

D'altra parte, questo tipo di organizzazione presenta anche alcuni ostacoli: in primo luogo, il fatto che l'OSS sia gestito direttamente da un ente pubblico come la Provincia, con il fatto che non può favorire gli operatori economici, esclude una parte degli attori che potrebbero essere rilevanti per le finalità dell'OSS, ovvero le aziende private che si occupano di comunità di energie rinnovabili. Sono escluse soprattutto le start-up che offrono servizi di accompagnamento alla costituzione e alla crescita delle CER, ma sono escluse anche le istituzioni finanziarie private che potrebbero avere un ruolo interessante nel sostenere il finanziamento di queste iniziative.

In secondo luogo, il fatto che nessuno di questi attori operi direttamente come comunità energetica potrebbe far perdere di vista alcune questioni e problemi che li riguardano direttamente.

MODELLO DI BUSINESS

Saranno disponibili gli strumenti e i servizi dell'OSS:

- Gratuitamente, perché la gestione dell'OSS è pubblica (nella prima fase).
- Su richiesta di servizi specifici o in funzione dell'appartenenza alla federazione attraverso un'adesione formale (nella fase successiva al termine del progetto Ecoempower)

PIANIFICAZIONE DELL'IMPLEMENTAZIONE

Lo sviluppo dell'OSS è previsto in 2 fasi che saranno implementate nell'arco di 5 anni, fino a raggiungere l'impostazione finale a partire dal 2030.

Le fasi previste sono le seguenti:

- 2025-2026 (nell'ambito del progetto ECOEMPOWER): Avvio come OSS pubblico e supporto alla creazione di reti tra le CER

L'OSS sarà fondato principalmente come pagina virtuale di orientamento e informazione sul sito web infoenergia. Parallelamente, PAT-APRIE gestirà i servizi di orientamento fisico utilizzando il suo personale di ruolo.

L'Agenzia provinciale per l'acqua e l'energia (APRIE) ha acquisito negli ultimi anni una conoscenza approfondita delle comunità di energia rinnovabile e delle configurazioni per l'autoconsumo e la condivisione di energia rinnovabile. Inoltre, ha strutturato una rete tra gli enti che lavorano sul tema a livello provinciale. Tuttavia, trattandosi di una struttura pubblica che fornisce anche servizi e autorizzazioni sul tema delle fonti energetiche rinnovabili, è difficile includere in questo sistema soggetti privati, come start-up, società di consulenza, fornitori di energia, installatori di impianti, aziende, banche e soggetti finanziari. Per questo motivo questa forma di OSS è considerata provvisoria.

In questo periodo, nell'ambito del progetto ECOEMPOWER, verrà sviluppato un programma di incontri e seminari di divulgazione per rafforzare le CEResistenti e creare un gruppo motivato a fondare un'entità specifica per gli OSS.

In questa fase, l'OSS è strutturato come segue:

SCRIVANIA VIRTUALE (PRIMO APPROCCIO)

Una sezione di orientamento sul [sito web](#) infoenergia di fornisce tutte le informazioni necessarie sul funzionamento delle configurazioni e fornisce anche un link diretto al portale del GSE e agli strumenti dedicati alle CER.

Gli strumenti offerti comprendono:

- simulatori per la configurazione di CER(link ai siti web di GSE e RECON);
- mappa delle sottostazioni primarie attive e dei CER (link al sito del GSE);
- documenti di supporto tecnico e link a manuali specifici
- elenco delle comunità di energia rinnovabile del Trentino, sia quelle operative che quelle esistenti; in questa sezione si sta sviluppando una sezione con una breve panoramica per ogni CER.
- descrizione delle opportunità di finanziamento per gli impianti e simulazioni finanziarie effettuate su casi pilota;
- collegamento con il progetto EECOEMPOWER e le attività di divulgazione svolte;
- collegamento con i siti web degli stakeholder locali per le CER;
- Una sezione news e un calendario per la divulgazione di eventi e iniziative

Pubblico di riferimento:

- Cittadini, associazioni, imprese, condomini, enti pubblici, desiderosi di creare una comunità a energia rinnovabile o di far parte di una già esistente;
- Aziende, installatori, produttori che hanno o intendono realizzare impianti e metterli a disposizione di una CER;
- Comunità di energia rinnovabile esistenti;
- Prestatori che vogliono conoscere il meccanismo degli incentivi e offrire prodotti dedicati;
- Start-up e aziende a tema energetico;

SCRIVANIA FISICA (SECONDO APPROCCIO)

Come concordato tra gli stakeholder locali, per il momento l'OSS fisico è gestito internamente dal personale della PAT attraverso l'Agenzia provinciale per l'acqua e l'energia.

Questo servizio è inteso come un approccio di secondo livello, successivo a quello di orientamento attraverso il sito, e destinato ad agganciarsi a progetti di comunità energetica più complessi e strutturati o che coinvolgono enti pubblici locali.

Gli strumenti offerti comprendono:

- Supporto tecnico, nei casi complessi che richiedono una variante urbanistica, nell'individuazione dell'iter necessario all'ottenimento dell'Autorizzazione Integrata Energetica, necessaria per l'installazione di grandi impianti da fonti rinnovabili;
- indicazioni per gli enti pubblici e le iniziative speciali per individuare il soggetto giuridico più adatto, in accordo con gli stakeholder del settore;
- collegamento tra le comunità energetiche e le aziende che hanno ottenuto finanziamenti pubblici per installare impianti di energia rinnovabile;
- collegamento con il dipartimento competente dell'APRIE, che rilascia le concessioni, per l'approfondimento delle iniziative di installazione di impianti idroelettrici;
- verifica della sostenibilità finanziaria attraverso gli strumenti sviluppati nell'ambito di ECOEMPOWER.

Oltre a questi servizi da banco, l'OSS fisico organizzerà incontri periodici per approfondire il ruolo dell'OSS e per confrontarsi e imparare tra le comunità delle energie rinnovabili. L'obiettivo è quello di creare una rete di contatti e rafforzare le competenze in vista delle fasi successive di strutturazione di un OSS indipendente.

Risorse utilizzate:

Sia per lo sportello fisico che per quello virtuale, è previsto l'utilizzo diretto delle risorse interne della PAT in termini di personale e attrezzature, finanziandole nell'ambito del progetto ECOEMPOWER.

- 2027 - 2030: Verso un OSS che cammina da solo

In questa seconda fase, il ruolo del PAT si sta gradualmente allentando, lasciando la gestione dell'OSS a un gruppo di stakeholder provenienti dalle Energy Community esistenti.

Dal punto di vista operativo, si lavorerà in parallelo per creare un'entità autonoma, in cui la PAT avrà un ruolo non operativo ma di controllo/supporto, al fine di costituire il servizio in modo strutturato.

OSS virtuale

Oltre ai servizi già offerti, verrà implementata e resa più dinamica la pagina delle Comunità energetiche già esistente. Questa sezione vuole diventare una bacheca a disposizione delle CER per presentare le loro attività, il loro ambito territoriale e i loro membri. In questo modo, oltre a collegare le esperienze presenti sul territorio, si potrà offrire all'utente (cittadino) una panoramica delle CER esistenti.

OSS fisico

Per quanto riguarda il servizio fisico, la PAT continuerà a fornire supporto solo nei casi strettamente legati ai permessi e alle concessioni rilasciate per l'installazione di impianti. Per quanto riguarda le comunità energetiche, lo sportello sarà gestito dagli esperti che operano nelle CEResistenti.

Risorse utilizzate

In questa fase, le risorse dirette della PAT saranno gradualmente dismesse accompagnando la strutturazione di un ente esterno per la gestione dell'OSS. La PAT potrebbe eventualmente supportare la costituzione di questo ente in una fase iniziale.

È in questo periodo che si attua il "passaggio di consegne" a un OSS che possa camminare da solo, offrendo servizi e consulenza nati dall'esperienza dei CER nate sul territorio.

- 2030: una federazione di comunità per le energie rinnovabili

Al termine di questo processo, l'OSS e tutti i servizi afferenti alle comunità di energie rinnovabili saranno gestiti da un'entità autonoma governata dalle comunità di energie rinnovabili attive nella provincia di Trento. Oltre alle CER, questa entità includerà anche soggetti privati che hanno importanza nello sviluppo di queste comunità, in particolare società di servizi, installatori di sistemi ed enti di finanziamento. Una "federazione di comunità energetiche" che offre servizi per la nascita, la costituzione, il funzionamento e l'evoluzione delle CER.

L'OSS sarà sempre strutturato virtualmente e fisicamente, ma entrambe le modalità saranno governate da questa federazione il cui controllo è diretto dalle CERe quindi con una catena di controllo che si decentra fino ai singoli membri. La PAT mantiene un ruolo di supervisione attuando un dialogo paritario con questo soggetto e coinvolgendolo nel tavolo provinciale previsto dalla legge provinciale sull'energia (L.P. 20/2012). Tale legge prevede infatti l'istituzione di un tavolo di confronto con le CER, finora non attivato, che sarà coordinato dalla PAT.

Février 2025

PLAN STRATEGIQUE REGIONAL DU GUICHET UNIQUE (OSS – ONE STOP SHOP), COMPRENANT LA DESCRIPTION DES ACTIVITES VISANT A MOBILISER LES PARTIES PRENANTES



Le projet ECOEMPOWER - ECOSystems EMPOWERing at regional and local scale supporting energy communities - est financé par l'Agence exécutive européenne pour le climat, les infrastructures et l'environnement (CINEA) dans le cadre du programme de recherche de l'UE.
Convention de subvention n°101120775.



RÉFÉRENCES TECHNIQUES

Acronyme du projet	ECOEMPOWER
Titre du projet	ECOSystems EMPOWERing at regional and local scale supporting energy communities
Programme de financement	LIFE 2027
Appel à projet	LIFE-2022-CET
Sujet	LIFE-2022-CET-ENERCOM
Coordinateur de projet	Cinzia Morisco (FBK)
Date de début du projet	1 ^{er} septembre 2023
Date de fin du projet	31 août 2026
Durée du projet	36 mois
ID du projet	101120775

Livrable n°.	D5.1
Niveau de diffusion	PU - Public
Paquet de travail	WP5
Tâche	T5.1
Partenaire leader	AURA-EE
Auteur(s)	Association des Centrales Villageoises

LISTE DES MOTS-CLÉS

Plan stratégique - Communautés des énergies renouvelables - Guichet unique - Feuille de route pour les outils et les services - Mobilisation des parties prenantes - Planification à long terme - Groupes de discussion des parties prenantes - Autonomisation - Partage de l'énergie - Énergies renouvelables

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RÉSUMÉ

Ce document décrit pour l'Association des Centrales Villageoises (ACV) les activités qui ont été menées pour mobiliser les parties prenantes autour du développement d'un guichet unique (OSS – One Stop Shop) pour soutenir le développement des communautés d'énergie renouvelable. Ces activités comprennent des événements publics, des réunions bilatérales, des ateliers spécialisés et s'adressent à différents types de parties prenantes.

Ce document reproduit également le plan stratégique adopté par l'ACV pour développer son centre de ressources, sur la base des contributions des parties prenantes. Le plan stratégique décrit :

- les bénéficiaires cibles,
- le domaine d'intervention
- le type d'outils et de services qui seront développés
- La gouvernance de l'OSS et l'endroit où il sera hébergé
- Le modèle d'entreprise prévu et les ressources qui seront allouées
- Les phases de développement prévues pour les 5 prochaines années

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Introduction

OBJECTIFS DU TRAVAIL RAPPORTÉ

Le but de cette tâche était d'ouvrir la voie au développement d'un guichet unique (OSS) dans chaque écosystème régional, afin de soutenir le développement des communautés énergétiques. Le premier objectif était de mobiliser les acteurs potentiellement concernés par le guichet unique, que ce soit en tant que bénéficiaires ou contributeurs, et de discuter avec eux du cadre du guichet unique, de sa gouvernance, de son financement et de ses futurs services. La deuxième étape consistait à concevoir un plan stratégique, sur la base des résultats des parties prenantes, afin d'assurer une compréhension commune des besoins et de partager une approche commune de la mise en œuvre de l'opération.

COMMENT LIRE CE DOCUMENT

Le livrable décrit le travail pour chaque écosystème régional. On y trouve également une description de la mobilisation des parties prenantes et une présentation du plan stratégique. En annexe, la liste de toutes les parties prenantes qui ont participé aux discussions sur les logiciels libres.

Dans cette traduction en français, seul le plan stratégique de l'Association des Centrales Villageoises est présenté. Pour connaître les plans stratégiques de tous les écosystèmes régionaux impliqués dans ECOEMPOWER, consultez la version en anglais du présent livrable.

STRUCTURE DU DOCUMENT

Chaque partie sur la mobilisation des acteurs est un bref résumé des différentes réunions qui ont été menées.

Chaque plan stratégique a été élaboré sur la base d'un cadre commun, fourni par AURA-EE.

Mobilisation des parties prenantes

Le guichet unique est déjà en place depuis 2018 sous la forme de l'Association Centrales Villageoises (ACV). L'ACV regroupe différentes parties prenantes : communautés énergétiques, autorités locales et partenaires techniques. Ces acteurs se réunissent chaque année lors de l'assemblée générale de l'association, et certains d'entre eux s'impliquent mensuellement au sein du conseil d'administration.

Plan stratégique régional

INTRODUCTION

Ce plan stratégique a été rédigé dans le cadre du projet LIFE ECOEMPOWER. Il s'appuie sur une large concertation des parties prenantes menée entre le 15/12/2023 et le 18/10/2024. Cette concertation a permis à l'Association des Centrales Villageoises de mieux identifier les contours de l'OSS et la manière dont il devrait être exploité. Ce plan a été présenté et discuté avec le conseil d'administration de l'Association des Centrales Villageoises qui l'a approuvé le 18/10/2024.

La liste des parties prenantes qui ont été impliquées dans la discussion se trouve en annexe.

CONTEXTE DES COMMUNAUTÉS DE L'ÉNERGIE

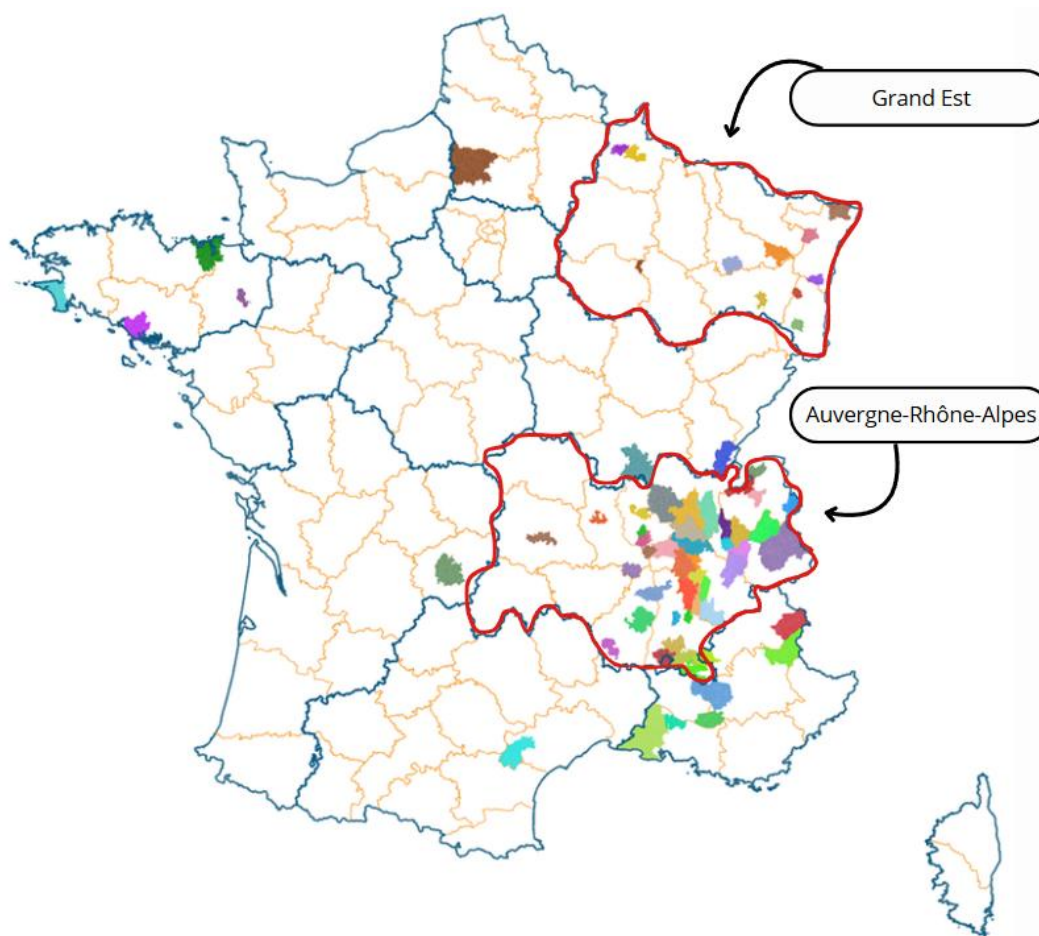
Les communautés énergétiques ont été introduites par les directives européennes 2018/2001 et 2019/944 dans le but de permettre aux acteurs locaux d'accéder aux marchés de l'énergie. Les États membres ont traduit ces définitions et pour la France, cela s'est traduit par les réglementations suivantes :

- Loi 2023-175 pour l'accélération des énergies renouvelables
- Décret 2023-1287 (26^{ème}) décembre 2023) relatif aux communautés énergétiques

La promotion des communautés énergétiques est nécessaire pour atteindre les objectifs de la transition énergétique, pour améliorer l'acceptation locale des projets d'énergie renouvelable, pour faciliter le financement des projets, etc.

Actuellement, dans les réglementations nationales, les communautés énergétiques sont définies comme des entités contrôlées par des parties prenantes locales et dont l'objectif principal doit être de "fournir des avantages environnementaux, économiques ou sociaux à ses actionnaires ou membres ou aux zones locales dans lesquelles elles opèrent, plutôt que de générer des profits financiers".

Dans l'écosystème régional français animé par l'ACV et étudié dans ECOEMPOWER (régions Auvergne-Rhône-Alpes et Grand Est), il existe actuellement 54 communautés énergétiques principalement axées sur le développement de projets photovoltaïques. Cependant, d'autres initiatives en matière d'énergie renouvelable émergent également, telles que les réseaux de chaleur et la micro-hydroélectricité. Les entreprises locales s'efforcent également de sensibiliser la population à l'importance des économies d'énergie. Il convient de noter que de nombreuses communautés énergétiques évoluent vers de nouveaux modèles de partage de l'énergie qui permettent de vendre l'électricité directement aux consommateurs voisins. Ce modèle est appelé autoconsommation collective en France.



Carte mettant en évidence les communautés énergétiques françaises basées sur le modèle des Centrales Villageoises. Les 2 régions sur lesquelles le projet ECOEMPOWER se concentre sont représentées en rouge.

Ces communautés énergétiques sont soutenues par un OSS national, l'Association des Centrales Villageoises, un réseau de communautés énergétiques suivant un même modèle : le modèle des Centrales Villageoises. 74 communautés d'énergie font aujourd'hui partie du réseau.

Les discussions qui ont été menées précédemment ont permis d'identifier les principaux problèmes et besoins :

- Besoins en matière de développement de nouvelles ressources :
 - ressources en matière de gestion d'entreprise
 - simulateur de plan d'affaires multi-projets
 - les outils de suivi des installations photovoltaïques
 - Ressources sur l'énergie photovoltaïque au sol
- Besoins en matière de développement de nouveaux services :
 - Soutien aux projets d'autoconsommation collective
 - soutien à la structuration des collectifs
 - partenariat avec un bureau d'études
 - plus généralement, une hotline pour répondre aux différentes questions des membres de la communauté de l'énergie.

POURQUOI DÉVELOPPER UN GUICHET UNIQUE ?

Les partenaires d'ECOEMPOWER défendent l'idée qu'un guichet unique apportera beaucoup de valeur ajoutée sur le territoire et favorisera fortement le développement des communautés énergétiques. Les principaux arguments, qui ont été partagés au niveau européen, sont rappelés ci-dessous.

Avantages locaux d'un guichet unique		Intérêt d'une approche commune	
L'OSS permet de développer davantage de projets d'énergie renouvelable et d'atteindre les objectifs en matière de climat.	Les OSS promeuvent les communautés énergétiques qui peuvent utiliser l'épargne des citoyens comme levier de financement de la transition énergétique.	Partager l'expérience et éviter de partir de zéro pour chaque communauté énergétique émergente	Être plus fort pour négocier des partenariats par une approche collective, être plus visible
Les communautés énergétiques peuvent favoriser le développement économique local en promouvant les entreprises locales et l'emploi.	Les guichets uniques peuvent jouer un rôle éducatif et aider à déconstruire les "fake news" sur énergies renouvelables	S'appuyer sur des ressources humaines partagées capables d'aider le projet	Coûts de partage (employés, coûts du site web...)
Les guichets uniques peuvent représenter une structure locale neutre et digne de confiance et apporter de la stabilité dans le développement des énergies renouvelables.	Les OSS peuvent renforcer les liens territoriaux avec une approche locale, ce qui permet de gagner en efficacité.	Mutualisation d'outils, de services, de compétences, mis à jour collectivement	Accroître la crédibilité des projets émergents car ils peuvent s'appuyer sur des projets réussis liés à eux par l'OSS.

CHAMP D'APPLICATION DU GUICHET UNIQUE (OSS)

L'OSS vise à soutenir le développement des communautés énergétiques par la mise en œuvre d'outils et de services partagés.

La portée géographique de l'OSS est la France

Les bénéficiaires ciblés de l'OSS sont les suivants

- Communautés d'énergie
- Les municipalités qui souhaitent faire partie d'une communauté d'énergie ou la soutenir
- Les entreprises locales qui veulent faire partie d'une communauté d'énergie
- Les citoyens locaux qui veulent faire partie d'une communauté d'énergie

L'OSS soutiendra le développement des communautés énergétiques en soutenant des projets portant sur :

- Électricité renouvelable
- Réseaux de chaleurs
- Les deux à la fois

L'OFFRE DE L'OSS

L'OSS vise à développer l'offre suivante :

- Une plateforme web contenant des informations spécifiques sur les communautés d'énergie
- Activités régulières de mise en réseau pour partager l'expérience, faire en sorte que les communautés d'énergie se connaissent et s'encadrent mutuellement, faire en sorte que les communautés d'énergie rencontrent des experts et des structures professionnelles, etc.
- Ateliers réguliers pour apporter des informations sur des points spécifiques (cadre réglementaire, incitations, solutions techniques, etc.)
- Une hotline quotidienne pour répondre aux questions posées par les communautés d'énergie ou les entités qui veulent créer une communautés d'énergie
- Outils pour aider à développer des projets d'énergie renouvelable (modèles de plans d'affaires, statuts, lignes directrices, etc.)
- Services partagés pour aider les communautés d'énergie à développer des projets d'énergie renouvelable (politique d'assurance, partenariat bancaire, autres partenariats techniques...)
- Autres : formations sur divers sujets (questions techniques, financières, organisationnelles)

FONCTIONNEMENT DE L'OSS

L'OSS sera mis en place et animé par l'Association des Centrales Villageoises. Il s'agit d'une structure existante. Ce schéma opérationnel devrait rester inchangé.

La gouvernance de l'OSS est représentée par les entités et personnes suivantes, membres de son conseil d'administration :

Partie prenante (entité juridique)	Représentant (individuel)	Fonction
CV Portes du Vercors	RÉGNIER Jacques	Président
CV Pays Mornantais	DUTREVE Gilles	Trésorier
CV Pays du Saintois	AUGIS-CHAMOURIN Martine	Secrétaire
CV Sud Baronnies	GILLET Stéphane	Vice-président
CV Chabl'Energies	DALHEIMER Philipp	Vice-président
CV Pays de Saverne	CRIQUI Paola	Vice-présidente
CV Trièves	GONSOLIN Benoît	Vice-président
CV VercorSoleil	DE RANGO Jean-Eric	Administrateur
CV Pays d'Aigues	BOSTETTER Jean-Michel	Administrateur
CV Val d'Eyrieux	ANTOULY Julien	Administrateur
CV Grésivaudan	GAY Vincent	Administrateur
CV Eygues Energies	RICHARD Marc	Administrateur
AURA-EE	CHATEAU Didier	Administrateur
Innovalés	GAUCHERAND Damien	Administrateur
CV Cévidorées	LEMAIGNAN Bernard	Administrateur
CV Soleil Sud Bourgogne	BOUBET Laurence	Administratrice
Fédération des PNR	ESCARON Dominique	Administrateur

Ces membres sont principalement des représentants des communautés énergétiques locales soutenues par l'OSS.

Ils se réunissent tous les mois (par vidéoconférence) pour discuter du fonctionnement de l'OSS et planifier les développements futurs. En outre, une réunion en présentiel est organisée chaque année.

Le travail des employés est suivi chaque semaine par les membres du Bureau de l'association (membres surlignés en bleu dans le tableau ci-dessus). Ces membres, plus engagés, prennent les décisions au jour le jour et sont responsables du suivi de la mise en œuvre du plan stratégique.

Les décisions plus contraignantes sont discutées par le conseil d'administration, où chaque administrateur dispose d'une voix.

L'Association Centrales Villageoises organise chaque année une réunion de deux jours, rassemblant toutes les communautés énergétiques qui bénéficient de l'OSS, ainsi que certains partenaires. L'assemblée générale de l'OSS se tient lors de cet événement, ce qui permet de renouveler le conseil d'administration avec de nouveaux membres (les mandats durent 3 ans).

MODÈLE D'ENTREPRISE

Les outils et services de l'OSS seront principalement disponibles moyennant paiement par les utilisateurs (certains outils sont également disponibles gratuitement). Le paiement requis est calculé en fonction des revenus et des bénéfices de chaque communauté énergétique.

PLANIFICATION DE LA MISE EN ŒUVRE

L'OSS a été créé avant le projet EcoEmpower. Cependant, EcoEmpower permettra à l'organisation de monter en puissance en augmentant ses ressources humaines et en élargissant sa gamme d'outils et de services, ce qui lui permettra de suivre l'augmentation constante du nombre de communautés énergétiques soutenues.

Les phases prévues sont les suivantes :

- **2018 - 2023 (avant le projet ECOEMPOWER) :**

L'association Centrales Villageoises (ACV) a été créée en 2018 pour servir d'OSS au réseau Centrales Villageoises, alors composé d'une trentaine de communautés d'énergie.

La structure s'est appuyée sur les travaux préalables de l'AURA-EE pour proposer une gamme d'outils et de services mutualisés sur un site internet. Ces outils comprenaient notamment des statuts types pour la création de personnes morales, des guides pour l'identification et l'étude de projets photovoltaïques, des simulateurs de business plan, des contacts privilégiés pour les banques et les assurances, etc.

ACV a recruté son premier salarié en 2020. Cela a permis de mettre à jour en permanence les ressources et de déployer des formations.

Dans le même temps, le réseau a continué à s'étendre, atteignant une soixantaine de communautés d'énergie en 2023.

- **2023 - 2026 (dans le cadre du projet ECOEMPOWER) :**

Le projet Ecoempower permettra à ACV de renforcer et de diversifier son offre de services dans un contexte où le nombre de communautés énergétiques soutenues est en constante augmentation. Voici un résumé des actions prévues dans le cadre d'EcoEmpower :

Promouvoir les communautés d'énergie et développer le réseau

Publics cibles : citoyens, municipalités, entreprises

- Encourager la diffusion du modèle en organisant de nombreuses présentations et discussions bilatérales avec les groupes intéressés.
- Renforcer le soutien aux nouveaux groupes en mettant en place un mentorat systématique (assuré par une communauté d'énergie expérimentée) et en organisant des réunions régulières (1 tous les six mois) pour les nouveaux membres impliqués.

Consolider le soutien aux Communautés d'énergie et à leurs projets

Groupes cibles : membres des Communautés d'énergie existantes

- Développer de nouveaux partenariats afin de faciliter les projets de Communautés d'énergie. Un partenariat sera notamment mis en place avec un notaire et un bureau de contrôle technique.
- Développer et déployer un nouveau module de formation consacré à la mobilisation des citoyens et à l'organisation des groupes en interne.
- Développement d'un nouvel outil de suivi de la production photovoltaïque basé sur les relevés de compteurs intelligents. Cet outil prendra la forme d'une plateforme en ligne où il sera possible de visualiser l'électricité produite par les installations photovoltaïques.

Soutenir et stimuler la diversification des projets de Communautés d'énergie

Groupes cibles : membres des communautés d'énergie existantes

- Développement d'outils pour les petits projets photovoltaïques au sol et développement d'une nouvelle formation spécialisée
- Développement d'un outil de simulation de plan d'affaires à l'échelle de l'entreprise (adapté d'un outil fourni par un partenaire EcoEmpower), capable de combiner plusieurs activités/projets d'investissement et d'incorporer les coûts de personnel.

Toutes les ressources seront accessibles à partir du site web www.centralesvillageoises.fr. A ces initiatives de développement s'ajoute le soutien quotidien aux communautés d'énergie par le personnel d'ACV. Le projet EcoEmpower, combiné à d'autres sources de financement (décrites ci-dessous), a permis à l'ACV de recruter deux personnes en 2023 et 2024. Fin 2024, le personnel de l'ACV est composé de 3 personnes (2,8 équivalents temps plein) :

- Etienne Jouin (depuis 2020), diplômé ingénieur en énergie et environnement, qui avait déjà une expérience professionnelle dans le développement de projets de parcs éoliens.
- Juliette Rasse (depuis 2023), diplômée en études du développement, qui a eu une expérience antérieure (stages) dans des projets internationaux.
- Morgane Besson (depuis 2024), diplômée ingénieure en énergie et environnement, qui avait déjà une expérience professionnelle dans le développement de projets et la construction de projets d'énergie renouvelable.

En 2024, l'OSS disposait d'un budget de 283 k€. Il était composé des catégories suivantes :

- Cotisations des membres : 17 %
- Formation et services : 6%
- Financements publics (y compris les subventions régionales, le projet EcoEmpower et un autre projet européen du programme Interreg ALCOTRA) : 49 %
- Fondations privées : 28

En 2025 et 2026, le budget de l'OSS devrait se situer autour de 300 k€, avec une répartition comparable.

- **2027 - 2030 (après le projet EcoEmpower)**

Les outils et services développés pour les communautés d'énergie avant et pendant EcoEmpower sont destinés à être durables. Cependant, ils nécessiteront toujours des ressources humaines pour être mis à jour et pour soutenir les nouveaux utilisateurs du guichet unique.

Après le projet EcoEmpower, ACV espère au moins maintenir son budget (300k€/an) et les ressources humaines associées, et si possible le faire croître, afin de répondre aux nouveaux défis des communautés d'énergie. Le plan de travail associé n'est pas facile à définir aujourd'hui, car il dépendra des besoins des communautés d'énergie au cours de cette période.

En ce qui concerne le budget, de nouvelles sources de financement devront être identifiées. A noter que les cotisations des membres devraient augmenter au cours de cette période, puisqu'elles sont calculées sur la base des ventes générées par chaque communautés d'énergie. L'OSS devrait également pouvoir augmenter son autofinancement grâce aux services et aux formations.

A. Annexe (événements, photos, liste des parties prenantes...)

Liste des parties prenantes impliquées dans la discussion sur la définition par l'ACV du plan stratégique

Participants au webinar du 15/12/2023 sur les outils et services Ecoempower

Nom du participant	Communauté d'énergies renouvelables
Etienne Jouin	Asso CV
Stéphane GILLET	CVSB
Philipp Dalheimer	Chabl'Energies
Jean-Luc Crochet	Chabl'Energies
Noël DUBOIS	CV Haut-Jura
Yves POETE	CVHJ
Alain Rougier	Gresi21
Laurence BOUBET	Soleil sud Bourgogne
Daniel MONNIER	CV Pays Dervois
Frank Van de Velde	CV Lure-Albion
Dominique JACQUES	CVPV
Audrey MATT	PNR Bp
Augis martine	SPVC
Teil patrick	CEVIVAL
Odile DELORME	CVRC
Evelyne Graux	CVBDS
Clément	CV Énergies cœur de
JP Thomas	CVRE
Benoît Gonsolin	CVTrièves
Daniel Bret	CVTrièves
Graux JC	CVBDS
JM Sauvage	CV4M
Alain Daccord	CVPV
Fanny Vadon	Wattisere
Jean-Luc Guichaoua	CVOC
Zint Etienne	Vologne Moselle
Velu	Coop'Ain Energie
Jean-Michel B	CVPA
Paola Criqui	Pays de Saverne
KELLER Alain	Arlysolère
Cyrille Emond	CV Région de Condrieu

Participants à la réunion du Conseil d'Administration du 18/10/2024

Administrateurs :

Nom	Présent	Excusé	Absent
REGNIER Jacques	X		
DUTREVE Gilles	X		
AUGIS-CHAMOURIN Martine	X		
CRQUI Paola	X		
GONSOLIN Benoit	Visio		
GILLET Stéphane	X		
DALHEIMER Philipp	X		
ANTOULY Julien			x
DE RANGO Jean-Eric	X		
BOSTETTER Jean-Michel	X		
GAY Vincent	X		
BOUBET Laurence		x	
LEMAIGNAN Bernard	X		
RICHARD Marc	X		
GAUCHERAND Damien	X		
CHATEAU Didier			x
ESCARON Dominique			x

Membres invités :

Nom	Présent	Excusé	Absent
POIZE Noémie	X		
JOUIN Etienne	X		
RASSE Juliette	X		

BESSON Morgane	X		
MOUTET Philippe			x
DUBREUIL Claude	X		
TESTANIERE Claude			x
MOINE Gérard			x
VAUTRIN Loïc			x
NAPOLY Daniel			x

Liste des abréviations

GRD : Opérateur de services de distribution

OSS : One-Stop Shop (guichet unique)

PV : Photovoltaïque

REC : Communauté des énergies renouvelables

RES : Sources d'énergie renouvelables

PME : Petites et moyennes entreprises

Le document actuel ne contient aucune question.

Februar 2025

REGIONALER STRATEGIEPLAN DER OSS, EINSCHLIEßLICH EINER BESCHREIBUNG DER AKTIVITÄTEN ZUR MOBILISIERUNG DER AKTEURE



Das Projekt ECOEMPOWER - ECosystems EMPOWERing auf regionaler und lokaler Ebene zur Unterstützung von Energiegemeinschaften wird von der Europäischen Exekutivagentur für Klima, Infrastruktur und Umwelt (CINEA) unter Finanzhilfvereinbarung n°101120775.



TECHNISCHE HINWEISE

Projekt-Akronym	ECOEMPOWER
Titel des Projekts	ECOSystems EMPOWERing auf regionaler und lokaler Ebene zur Unterstützung von Energiegemeinschaften
Förderprogramm	LIFE 2027
Förderaufruf	LIFE-2022-CET
Thema	LIFE-2022-CET-ENERCOM
Projektkoordinator	Cinzia Morisco (FBK)
Projektbeginns	1 st September 2023
Projektende	31. August 2026
Projektdauer	36 Monate
Projekt-ID	101120775

Deliverable Nr.	D5.1
Art der Verbreitungs	PU - Öffentlich
Arbeitspaket	WP5
Aufgabe	T5.1
Hauptbegünstigter	Eza!

SCHLÜSSELWORT LISTE

Strategieplan - Gemeinschaften für erneuerbare Energien - One-Stop-Shop - Roadmap für Tools und Dienstleistungen - Mobilisierung von Interessengruppen - Langfristige Planung - Fokusgruppen für Interessengruppen - Empowerment - Energieaustausch - Erneuerbare Energien

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ZUSAMMENFASSUNG

Dieser Bericht beschreibt für das deutsche regionale Ökosystem eza! die Aktivitäten, die durchgeführt wurden, um die Akteure für die Schaffung eines One-Stop-Shops (OSS) zur Unterstützung der Entwicklung von Gemeinschaften für erneuerbare Energien zu mobilisieren. Diese Aktivitäten umfassen rechtliche und organisatorische Informationen – und Beratungsangebote, öffentliche Veranstaltungen, Stakeholder - Workshops, Konzepte zur Bürgerbeteiligung und richteten sich an verschiedene Arten von Interessengruppen.

Der Bericht enthält auch den Strategieplan, den eza! zur Vorbereitung der Umsetzung seines OSS auf der Grundlage der Beiträge der Interessengruppen angenommen hat. Diese strategischen Pläne enthalten eine Beschreibung von

- den Zielbegünstigten,
- den Bereich der Intervention
- die Art der Instrumente und Dienste, die entwickelt werden sollen
- Der Verwaltung des OSS und der Stelle, dem er angehört
- Dem geplante Geschäftsmodell und die zugewiesenen Ressourcen
- Den geplanten Entwicklungsphasen für die nächsten 5 Jahre

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Regionale Strategiepläne und Mobilisierung von Interessengruppen (Land für Land) Errore. Il segnalibro non è definito.	
a. Deutschland - eza!	Errore. Il segnalibro non è definito.
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Einführung

ZIELSETZUNG DER DURCHGEFÜHRTEN AUFGABEN

Ziel dieser Aufgabe war es, den Weg für die Entwicklung eines One-Stop-Shops (OSS) in jedem regionalen Ökosystem zu ebnet, um die Entwicklung von Energiegemeinschaften zu unterstützen. Das erste Ziel bestand darin, die potenziell von der künftigen OSS betroffenen Akteure zu mobilisieren, sei es als Anwender:innen oder als Mitwirkende, und mit ihnen über den Rahmen der OSS, ihre Verwaltung, Finanzierung und künftige Dienstleistungen zu diskutieren. Der zweite Schritt bestand darin, auf der Grundlage der Ergebnisse der Interessengruppen einen Strategieplan zu entwerfen, um ein gemeinsames Verständnis der Bedürfnisse zu gewährleisten und einen gemeinsamen Ansatz für die Durchführung der Maßnahme zu finden.

WIE DIESES DOKUMENT ZU LESEN IST

Der Bericht beschreibt die Arbeit von eza! und enthält eine Beschreibung der Mobilisierung von Interessengruppen und eine Präsentation des Strategieplans

AUFBAU DES DOKUMENTS

Jedes Kapitel über die Mobilisierung von Interessengruppen ist eine kurze Zusammenfassung der verschiedenen Sitzungen, die durchgeführt wurden.

Jeder Strategieplan wurde auf einem gemeinsamen Rahmen aufgebaut, der von AURA-EE bereitgestellt wurde

Mobilisierung von Interessengruppen

• KONTEXT

Deutschland hat die EU-Richtlinie über Energiegemeinschaften noch nicht umgesetzt, daher ist der rechtliche Rahmen nicht klar und ermöglicht keine starke Dynamik für Erneuerbare Energie Gemeinschaften (Renewable Energy Community/REC). Es gibt bereits viele historische Genossenschaften, die meisten von ihnen wurden vor 10 bis 20 Jahren gegründet, sind bereits gut strukturiert und verfügen über Personal und spezifische Fähigkeiten. Speziell neue RECs benötigen eine Vielfalt an engagierten oder professionell beauftragten Akteuren. Die gemeinsame Nutzung von Energie ist nur möglich, wenn ein Energieversorgungsunternehmen zu den Teilnehmern gehört.

• MOBILISIERUNGSMASSNAHMEN

- 05/06/2024: Arbeitsausschuss der Gesellschafter:innen von eza!
 - Ziel der Veranstaltung: Vorstellung des Projekts bei den örtlichen Versorgungsunternehmen
 - Ort der Veranstaltung: eza! in Kempten (Allgäu)
 - Anzahl der Teilnehmenden: 5
 - Art der Teilnehmenden: Teilnehmenden aus den Bereichen Regionalmanagement (Allgäu GmbH) sowie Verteilnetzbetreiber und Energieversorger (EWR, LEW, vkw illwerke)
 - Die Rolle von eza!: Gastgeber/Moderator
 - Wichtigste Ergebnisse für den OSS: Es ist beabsichtigt, im Rahmen des Projekts eine Beratungsplattform einzurichten. Das Interesse der anwesenden Gesellschafter:innen an dieser Beratungsplattform, solange die Angebote noch nicht genauer definiert ist, war relativ gering.
- 01/08/2024: Kommunalbeirat
 - Ziel der Veranstaltung: Vorstellung des Ecoempower-Projekts und Abfrage des Interesses an der OSS
 - Ort der Veranstaltung: eza! in Kempten (Allgäu)
 - Anzahl der Teilnehmenden: 9
 - Art der Teilnehmenden: Klimaschutzmanager:innen der kreisfreien Städte und Bürgermeistersprecher:innen der Landkreise im Allgäu
 - Die Rolle von eza!: Gastgeber/Moderator
 - Wichtigste Ergebnisse für die OSS: Das Interesse an dem Thema war verhalten, und führte leider nicht zur Unterzeichnung von Lols. Es wurde die Meinung vertreten, dass in Einzelfällen ein Beratungsbedarf zur Gründung einer Zivilgesellschaft bestehen kann, dies aber wohl kein großes Geschäftsfeld für eza sein wird
- 25/09/24: Regionales Erfahrungsaustausch-Treffen der European Energy Award Kommunen
 - Ziel der Veranstaltung: Frage nach den Erwartungen und Bedürfnissen der Kommunen in Bezug auf einen OSS im Allgäu
 - Ort der Veranstaltung: Stadthalle Memmingen
 - Anzahl der Teilnehmenden: 28
 - Art der Teilnehmenden: eza! und Gemeinden
 - Die Rolle von eza!: Gastgeber/Moderator/Vortragende

- Wichtigste Ergebnisse für die OSS: Präsentation des Ecoempower-Projekts, der Energiegemeinschaften und der gemeinsamen Nutzung von Energie
- Sonstige Ergebnisse: 2/3 der Gäste äußerten einen Beratungsbedarf im Bereich der Energiegenossenschaften. Konkret wurden die folgenden Bereiche genannt: Genossenschaftsrecht, kaufmännische Fragen von Genossenschaften, Energiewirtschaftsgesetz und -fragen, Mehrfamilienhaus-Lademöglichkeit, Nachrangdarlehen, Online-Antworten auf die wichtigsten Fragen und Online-Sammlung von Kontakten. Kritisiert wurden fehlende Rahmenbedingungen für die Energiebeteiligung, fehlende Einspeisepunkte für neue Erzeugungsanlagen, die Bemühungen der OSS sollten stärker "nach oben" ausgerichtet sein (Kreis, Bezirk, Land, Bund) und die Politik sollte angesprochen werden.
- 14.11.24: Bayernweites Erfahrungsaustausch-Treffen der European Energy Award Kommunen
 - Ziel der Veranstaltung: Erfahrungsaustausch zwischen Kommunen
 - Ort der Veranstaltung: Kurhaus in Scheidegg
 - Anzahl der Teilnehmenden: 35
 - Art der Teilnehmenden: eza!, BAUM, Gäste aus dem kommunalen Klimaschutz
 - Die Rolle von eza!: Gastgeber/Moderator
 - Wichtigste Ergebnisse für die OSS: Präsentation der Ziele von EcoEmpower, Präsentation des Konzepts der Energieaufteilung durch BAUM, Diskussion über die Erwartungen der Gemeinden
 - Andere Ergebnisse: Großes Interesse an der gemeinsamen Nutzung von Energie (die in Deutschland noch vielen rechtlichen Hürden unterliegt), viele Kommunen sind an der Stromerzeugung beteiligt, einige planen ein strombasiertes Wärmenetz, einige haben Interesse am Austausch mit ECOEMPOWER-Partnerländern angemeldet, einige Gäste haben ihre Adresse und eine Interessensbekundung hinterlassen.
- 24.12.2: Workshop der benachbarten Energiegenossenschaften.
 - Ziel der Veranstaltung: Austausch über gemeinsame Herausforderungen
 - Ort der Veranstaltung: Gemeindebüro in Eppishausen
 - Anzahl der Teilnehmenden: 16
 - Art der Teilnehmenden: eza!, BAUM, Energiegenossenschaften und Gründungsinteressierte
 - Die Rolle von eza!: Organisator
 - Wichtigste Ergebnisse für die OSS: Überwiegendes Interesse an Modellen der Energieaufteilung, an der regionalen Entwicklung eines neuen Unternehmens "Regionalwerk Unterallgäu" im Unterallgäu und am Umgang mit ausgewiesenen Windvorranggebieten in der Region

- **WICHTIGSTE ERGEBNISSE DER DISKUSSIONEN**

Nicht alle bestehenden Geschäftspartner:innen und sonstigen Befragten räumen den Energiegemeinschaften Priorität ein. Dennoch erkannten kommunale Akteure und Energiegemeinschaften Herausforderungen, bei denen eine Unterstützung neue Potenziale erschließen könnte. Die folgenden Themen wurden wiederholt genannt: Rechtliche und organisatorische Fragen, Finanzierungsmodelle, Einbindung und Vernetzung von Akteuren, Online-Informationen zu den wichtigsten Definitionen und (über-)regionalen Anlaufstellen, fehlender rechtlicher Rahmen für Energiegemeinschaften in Deutschland und welche Modelle dennoch funktionieren, regionale Entwicklungen einschließlich neu ausgewiesener Windvorranggebiete.

- **AUSARBEITUNG EINES STRATEGIEPLANS**

Die wichtigsten Ergebnisse der Erhebungen wurden in den Strategieplan und insbesondere in den Umsetzungsplan aufgenommen. Dabei wurden die (noch ausstehenden) rechtlichen Rahmenbedingungen, die konkurrierenden Anbieter im Allgäu und die verfügbaren Ressourcen von eza! berücksichtigt. Dementsprechend wurde auch Flexibilität für künftige nationale und regionale Entwicklungen offen gelassen, damit eine Anpassung an die rechtlichen und wirtschaftlichen Rahmenbedingungen erfolgen kann. Dies ist entscheidend für das Nachfragepotenzial im Allgäu.

Regionaler Strategieplan

EINFÜHRUNG

Dieser Strategieplan wurde im Rahmen des ECOEMPOWER-Projekts erstellt. Er basiert auf Stakeholder-Umfragen vom 05.06.2024, 01.08.2024, 25.09.2024, 14.11.2024 und 02.12.2024. Dies ermöglichte es eza!, den Bedarf der lokalen Akteure und damit die Grundzüge des OSS besser zu ermitteln. Zu den verschiedenen Akteuren gehörten die Gesellschafter:innen von eza! (regionale Unternehmen), Energieversorger, Netzbetreiber, Kommunen, Landkreise und bestehende Energiegemeinschaften.

KONTEXT

Energiegemeinschaften wurden durch die europäischen Richtlinien 2018/2001 und 2019/944 mit dem Ziel eingeführt, lokalen Akteuren den Zugang zu den Energiemärkten zu ermöglichen. Deutschland und andere Mitgliedsstaaten haben diese Richtlinien nur teilweise umgesetzt. Für Energiegemeinschaften gelten in Deutschland die folgenden rechtlichen Rahmenbedingungen: Erneuerbare-Energien-Gesetz (EEG) und Energiewirtschaftsgesetz (EnWG).

Gegenwärtig werden Energiegemeinschaften in den nationalen Verordnungen als Bürgerenergiegesellschaften definiert, bei denen es sich ausschließlich um erneuerbare Energiegemeinschaften handelt.

Im Allgäu gibt es etwa 20 (von Bürger:innen gegründete) Energiegemeinschaften, die vor allem Genossenschaften sind, die PV-Dächer oder Freiflächen errichten und betreiben. Der Strom wird nach der staatlichen EEG-Einspeisevergütung ins Netz eingespeist und die Mitglieder profitieren finanziell von einer Rendite von ~5%.

In den zuvor geführten Diskussionen wurden die wichtigsten Probleme und Bedürfnisse ermittelt

- Genossenschaftsrecht
- Kommerzielle Themen der Genossenschaften
- Energiewirtschaftliche Fragen (das EnWG-Gesetz ist umfangreich)
- Nachrangdarlehen
- Online-Antworten auf die wichtigsten Fragen
- Online-Sammlung von Kontaktpersonen

WARUM EINEN OSS ENTWICKELN?

Die Partner von EcoEmpower befürworten die Idee, dass eine zentrale Anlaufstelle einen großen Mehrwert für das Gebiet bringen und die Entwicklung von Energiegemeinschaften stark fördern wird. Die Hauptargumente, die auf europäischer Ebene geteilt wurden, werden im Folgenden dargestellt.

Lokale Vorteile eines OSS		Interesse an einem gemeinsamen Ansatz	
OSS hilft, mehr Erneuerbare Energien-Projekte zu entwickeln und Klimaziele zu erreichen	OSS fördern RECs, die die Ersparnisse der Bürger:innen als Hebel zur Finanzierung der Energiewende nutzen können	Erfahrungen austauschen und vermeiden, dass jeder neue REC von Vorne anfängt	Stärkeres Auftreten bei der Aushandlung von Partnerschaften durch einen kollektiven Ansatz, mehr Sichtbarkeit
RECs können die lokale wirtschaftliche Entwicklung durch die Förderung lokaler Unternehmen und Arbeitsplätze unterstützen	OSS kann eine bildende Rolle spielen und dazu beitragen, Falschaussagen zu Erneuerbaren Energien richtig zu stellen	sich auf gemeinsame Personalressourcen stützen, die das Projekt unterstützen können	Kosten teilen (Mitarbeitende, Website-Kosten...)
OSS kann eine neutrale, vertrauenswürdige lokale Struktur darstellen und Stabilität in die Erneuerbare Energien-Entwicklung bringen	OSS kann die territorialen Verbindungen mit einem lokalen Ansatz stärken und so die Effizienz steigern	Gegenseitige Nutzung von Werkzeugen, Diensten und Fähigkeiten, die kollektiv aktualisiert werden	Erhöhung der Glaubwürdigkeit neuer Projekte, da sie sich auf erfolgreiche Projekte stützen können, die durch den OSS mit ihnen verbunden sind

UMFANG DES ONE STOP SHOP (OSS)

Ziel des OSS ist es, die Entwicklung von Energiegemeinschaften durch die Einführung gemeinsamer Werkzeuge und Dienste zu unterstützen.

Der geografische Geltungsbereich des OSS ist die Region Allgäu (bis Schwaben).

Die Begünstigten des OSS sind:

- Energiegemeinschaften (bestehende oder zu gründende)
- Gemeinden, die Teil einer Energiegemeinschaft sein oder diese unterstützen wollen
- Lokale Unternehmen, die Teil einer Energiegemeinschaft sein wollen
- Lokale Bürger, die Teil einer Energiegemeinschaft sein wollen

Der OSS wird die Entwicklung von Projekten für Energiegemeinschaften in folgenden Bereichen unterstützen

- Erneuerbarer Strom
- Erneuerbare Wärmenetze

DAS ANGEBOT VON OSS

Ziel der OSS ist es, das folgende Angebot zu entwickeln:

- Eine Webplattform mit einigen speziellen Informationen über Energiegemeinschaften (Wärmenetze und Stromgemeinschaften)
- Hilfsmittel für die Entwicklung von Erneuerbare Energien-Projekten (Vorlagen für Geschäftspläne, Statuten, Leitlinien usw.)
- Dienstleistungen zur Unterstützung von Energiegemeinschaften bei der Entwicklung von Erneuerbare Energie-Projekten (Versicherungspolice, Bankpartnerschaft, andere technische Partnerschaften...)

BETRIEB DES OSS

Der OSS wird von eza! betrieben, die als 25-jährige Energieagentur im Allgäu über eine bestehende Struktur und ein Netzwerk von Akteuren verfügt.

Die Leitung des OSS wird von den folgenden Einrichtungen und Personen wahrgenommen:

- eza! / REC-Expert:in und Ersteller von Inhalten
- eza! / Expert:in für Nahwärmeplanung
- eza! / Bereichsleiter:in von eza!-Klimaschutz
- eza! / Geschäftsführer:in von eza!
- eza! / Leiter:in Finanzen, Controlling bei eza!
- eza! / Öffentlichkeitsarbeit und Online-Marketing
- eza!-Gesellschafter:innen und kommunaler Beirat / Multiplikator und Eskalation auf höhere politische Ebenen

Je nach Auftrag werden externe Expert:innen hinzugezogen.

Diese Personen planen, sich alle drei Monate zu treffen, um über den Betrieb der OSS zu diskutieren und weitere Entwicklungen zu planen.

DAS GESCHÄFTSMODELL

Die Werkzeuge und Dienste der OSS werden verfügbar sein:

- Kostenlos auf der eza!-Webseite
- In definiertem Umfang kostenlos während der Laufzeit des ECOEMPOWER Projekts
- Gegen Entgelt für spezifische Beratungen und Aufträge nach Ende des ECOEMPOWER Projekt

Finanzierung:

- ECOEMPOWER bis 08.2026
- Finanzierung durch Verträge (individuelle Beratung)
- Keine Querfinanzierung, keine externe Finanzierung (Finanzierungspartner)

Kostenvoranschlag:

OSS Staff	Costs per hour	Hours per year	Costs per year
eza! / EC expert and content creator	115,00 €	460	52.900,00 €
eza! / Municipal heat planning expert	115,00 €	40	4.600,00 €
eza! / Area Manager of eza!-Climate protection	125,00 €	20	2.500,00 €
eza! / Managing Director of eza!	150,00 €	80	12.000,00 €
eza! / Head of Finance, Controlling at eza!	125,00 €	20	2.500,00 €
eza! / Public relations and online marketing	115,00 €	40	4.600,00 €
eza!-shareholders and municipal advisory board / Multiplier and escalation to higher political levels	- €	10	- €
External experts are called in depending on the assignment.	150,00 €	40	6.000,00 €
			85.100,00 €
ECOEMPOWER maximum grant amount per full project year			- 49.381,57 €

Eine langfristige Finanzplanung ist erst möglich, wenn der Fahrplan für die Dienste erstellt wurde. Diese Planung wird je nach Umfang der angebotenen Dienste, der personellen Zuständigkeiten und vor allem der erwarteten Nachfrage zu einem späteren Zeitpunkt erstellt.

PLANUNG DER DURCHFÜHRUNG

Die Entwicklung des OSS ist in 4 Phasen geplant, die innerhalb von 3 Jahren umgesetzt werden sollen.

Geplant sind die folgenden Phasen:

- BY 01.02.2025:

Erste WEBPAGE zu Strom-EC und Wärmenetz-EC

- Wichtige externe Kontaktstellen
- Einfache Definitionen und Antworten
- Hilfreiche Leitlinien, Tools und Ressourcen
- Kontaktinformationen von eza!

- BIS ZUM 31.12.2025:

SPEZIFISCHE DIENSTLEISTUNGEN VON eza!

- WÄRMENETZE
 - Genossenschaften
 - Wärmenetz-Impulsberatung
 - Unterstützung von Beratungskampagnen (für Anschlüsse an Wärmenetze) und Bürgerbeteiligung
- ELEKTRIZITÄT
 - Genossenschaften (rechtlich, organisatorisch)
 - Technische und wirtschaftliche Informationen
 - PV-Standortkonzepte (Beratungsleistungen)
 - Informationsveranstaltungen / Bürgerbeteiligung
 - Mieterstrom / Gemeinschaftliche Gebäudeversorgung-Beratung

- BIS ZUM ENDE DES PROJEKTS AM 31.08.2026:

- Werbung für das Angebot

- NACH PROJEKTLAUFZEIT AB 01.09.2026:

- Vertiefung der Beratungsleistungen: je nach Bedarf und Nachfrage

Liste der Abkürzungen

OSS: One-Stop-Shop

PV: Photovoltaik

REC: Renewable Energy Community/Erneuerbare Energien Gemeinschaft

ANHANG: LISTE DER BETEILIGTEN

COUNTRY	ECOEMPOWER PART	STAKEHOLDER NAME	TYPE
ITALY	PAT	FEDERAZIONE TRENTINA DELLE COOPERATIVE (regional federation of cooperatives)	other company
ITALY	PAT	CONSORZIO DEI COMUNI TARENTINI (lobby of municipalities)	other
ITALY	PAT	ENEA	energy agency
ITALY	PAT	4 CONSORZI BIM (4 association of municipalities aggregated by hydrographic)	public body
GERMANY	eza!	MUNICIPALITIES (147 in the Allgäu region) + COUNTIES + BAVARIAN MUNICIPALITIES	public body
GERMANY	eza!	Mayor of Scheidegg	public body
GERMANY	eza!	Bavarian Municipal Congress Lindau	public body
GERMANY	eza!	Climate Protection Manager District of Oberallgäu	public body
GERMANY	eza!	Climate Protection Manager District of Lindau	public body
GERMANY	eza!	Climate protection manager district Ostallgäu	public body
GERMANY	eza!	Bavarian Community Day Oberallgäu	public body
GERMANY	eza!	Climate Protection Manager City of Kempten	public body
GERMANY	eza!	Allgäu GmbH	other
AUSTRIA	eza!	Elektrizitätswerke Reutte	DSO
AUSTRIA	eza!	Vorarlberger Kraftwerke AG	DSO
GERMANY	eza!	Lechwerke AG (LEW)	DSO
ITALY	PAT	Municipalities	Public bodies
ITALY	PAT	SET distribuzione	DSO
ITALY	PAT	CEDIS	DSO
ITALY	PAT	CEIS	DSO
ITALY	PAT	CEP	DSO
ITALY	PAT	ACSM	DSO
ITALY	PAT	Existing EC in Trentino	energy community
ITALY	PAT	CONFINDUSTRIA TRENINO (lobby of enterprises)	other company
ITALY	PAT	ASSOCIAZIONE ARTIGIANI DEL TRENINO (lobby of enterprises)	other company
ITALY	PAT	CASSA CENTRALE BANCA (bank group)	bank
Italy	FBK	RSE	public body
Italy	PAT	Associazione professionisti per le CER	
Italy	FBK	COMMUNITAS	other
Italy	PAT	CARITRO	other
GERMANY	eza!	Klima3 Energieagentur STA, FFB, LL	energy agency
GERMANY	eza!	Energieagentur Nordbayern	energy agency
GERMANY	eza!	Energieagentur Südostbayern	energy agency
GERMANY	eza!	Energieagentur Regensburg	energy agency
Germany	BAUM	Easy Smart Grid GmbH	other
France	Asso CV	Centrales Villageoises du Haut Dauphiné	energy community (established)
France	Asso CV	Centrales Villageoises Taute Vire Bocage	energy community (established)
France	Asso CV	Centrales Villageoises du Pays Derois	energy community (established)
France	Asso CV	Centrales Villageoises Solely Brequin	energy community (established)
France	Asso CV	Centrales Villageoises Soleil Beaujolais	energy community (established)
France	Asso CV	Centrales Villageoises Averno Durable	energy community (established)
France	Asso CV	Centrales Villageoises Beewawt	energy community (established)
France	Asso CV	Centrales Villageoises Energies Tarines	energy community (established)
Germany	eza!	Energie am Kaufering	public body
Germany	eza!	P2M	engineering company
Germany	eza!	Gemeinde Windach	public body
Germany	eza!	LKR Kulmbach	public body
Germany	eza!	EPNV GmbH	engineering company
Germany	eza!	Energie am Donauwörth	public body
Germany	eza!	Gemeinde Opfenbach	public body
Germany	eza!	Energieagentur Nordbayern	energy agency
Germany	eza!	Müller Group	other
Italy	FBK	EC4RURAL	other
Italy	FBK	DISCOVER	other
Italy	FBK	ENCOMHUB	other
Greece	ROCG	Municipality of Domokos	other
Greece	ROCG	SOCIAL WELFARE CENTER OF REGION OF CENTRAL GREECE	other
Greece	ROCG	Municipality of Amfikleia	other
Italy	FBK	POWERYOUTH	other
Germany	BAUM	Gemeinde Fuchstal	other
Germany	BAUM	Es-geht! Energiesysteme	other
Germany	BAUM	Stadtwerk Haßfurt	other
Germany	BAUM	Stadtwerke Wunsiedel	other

Únor 2025

REGIONÁLNÍ STRATEGICKÝ PLÁN OSS, VČETNĚ POPISU ČINNOSTÍ PRO MOBILIZACI ZÚČASTNĚNÝCH STRAN



Projekt ECOEMPOWER - ECosystems EMPOWERing at regional and local scale supporting energy communities je financován Evropskou výkonnou agenturou pro klima, infrastrukturu a životní prostředí (CINEA) v rámci programu Grantové dohody č. 101120775.



TECHNICKÉ ODKAZY

Zkratka projektu	ECOEMPOWER
Název projektu	ECOSystems EMPOWERing v regionálním a místním měřítku podporující energetické komunity
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Téma	LIFE-2022-CET-ENERCOM
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Hlavní autor	EAZK

SEZNAM KLÍČOVÝCH SLOV

Strategický plán – Společenství pro obnovitelné zdroje energie – Jednotné kontaktní místo – Plán služeb a nástrojů – Mobilizace zúčastněných stran – Dlouhodobé plánování – Skupiny zainteresovaných stran – Posílení postavení – Sdílení energie – Obnovitelné zdroje energie

VYJÁDRĚNÍ

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SHRNUTÍ

Tento výstup popisuje činnosti, které byly EAZK vedeny za účelem mobilizace zúčastněných stran k vytvoření jednotného kontaktního místa (One Stop Shop – OSS) na podporu rozvoje komunit využívajících obnovitelné zdroje energie. Tyto činnosti zahrnují veřejné akce, dvoustranná setkání, specializované workshopy a byly cíleny na různé typy zúčastněných stran.

Tento výstup rovněž reprodukuje strategický plán, který EAZK přijala pro přípravu implementace svého OSS na základě vstupů zúčastněných stran. Tyto strategické plány zahrnují popis:

- Cílových příjemců,
- oblast odbornosti,
- druhy nástrojů a služeb, které budou vyvinuty,
- správa OSS a místo realizace,
- plánovaný obchodní model a zdroje, které budou přiděleny,
- plánované fáze rozvoje v příštích 5 letech.

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Regionální strategické plány a mobilizace zúčastněných stran (podle jednotlivých zemí) **Errore. Il segnalibro non è definito.**

a. Česká republika - EAZK..... **Errore. Il segnalibro non è definito.**

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Úvod

CÍLE PŘEDLOŽENÉ PRÁCE

Cílem tohoto úkolu bylo v každém regionálním systému připravit půdu pro rozvoj jednotného kontaktního místa (OSS), aby se podpořil rozvoj energetických komunit. Prvním cílem bylo mobilizovat zúčastněné strany, kterých se budoucí OSS potenciálně týká, ať už jako příjemců nebo přispěvatelů, a diskutovat s nimi o rámci OSS, jeho řízení, financování a budoucích službách. Druhým krokem bylo na základě výstupů zúčastněných stran navrhnout strategický plán, aby bylo zajištěno společné porozumění potřebám a společný přístup při implementaci.

JAK ČÍST TENTO DOKUMENT

Tento výstup popisuje práci EAZK. Je zde tedy popsána mobilizace zúčastněných stran a představen strategický plán.

STRUKTURA DOKUMENTU

Mobilizace zúčastněných stran je krátkým shrnutím různých setkání, která byla vedena.

Každý strategický plán byl postaven na společném rámci, který poskytla AURA-EE.

Mobilizace zúčastněných stran

EAZK byla založena v roce 2006 a od té doby pomohla zajistit více než 550 projektů v oblasti energetické účinnosti a OZE. Díky tomu má agentura rozsáhlou síť kontaktů, na které se může obracet při budování komunitní OSS.

S projektem ECOEMPOWER byly spojeny následující akce:

- **14/11/2024: Akce s místními firmami**
 - o Cíl akce: prezentace projektů
 - o Místo konání: Místo konání: Podnikatelský inkubátor Kunovice
 - o Počet účastníků: 22
 - o Typ účastníků: místní společnosti
 - o Úloha EAZK: Ředitelka EAZK představila projekt Ecoempower a uvedla založení OSS.
 - o Hlavní výstupy: Legislativní znevýhodnění firem, které se chtějí připojit ke sdílení – rovná hlasovací práva, velké firmy mají možnost připojit se pouze ke společenství pro OZE (ne k energetickému společenství).



- **21/11/2024: Akce se starosty**
 - o Cíl akce: územní plánování, regionální rozvoj, dotační programy, OSS
 - o Místo konání: Luhačovice
 - o Počet účastníků: 215

- Typ účastníků: starostové, Rada Zlínského kraje, krajský úřad
- Úloha EAZK: představení projektu Ecoempower s uvedením OSS
- Hlavní výstupy: Hlavní překážky sdílení a OZE – nevýhodné podmínky pro dotace, nejasná legislativa, plná kapacita sítě.



- **10/2024-1/2025: Individuální konzultace s zúčastněnými stranami**

- Cíl akce: Diskuse o OSS se představiteli pilotních lokalit
- Místo konání: Zlín/
- Počet účastníků: 4
- Účastníci: Tomáš Chmela (náměstek hejtmana Zlínského kraje), Mário Holík (AH Energy), Miroslav Zemánek (radní Zlínského kraje), Oldřich Kozáček (BTH Slavičín).
- Úloha EAZK: osobní diskuse s jednotlivými zúčastněnými stranami o jejich potřebách.
- Hlavní výstupy pro OSS: Zúčastněné strany mají zájem zejména o tyto formy školení: návštěvy jiných organizací za účelem výměny zkušeností, koučování, školení o předávání znalostí od odborníků.
- Další výstupy: Hlavní překážky sdílení a OZE – špatná informovanost, špatná ekonomika sdílení (vedoucí k pořizování FVE především pro vlastní spotřebu), nejasná legislativa, bariéra v odděleném účtování tepla a elektřiny, chybějící základní dlouhodobé podmínky, plná kapacita sítě.



Regionální strategický plán

ÚVOD

Tento strategický plán vznikl v rámci projektu ECOEMPOWER Life. Vychází z rozsáhlého jednání zúčastněných stran, které proběhlo v období od 13. 11. 2024 do 11. 1. 2025. Toto sladění umožnilo Energetické agentuře Zlínského kraje (EAZK) lépe identifikovat obrysy OSS a způsob jeho provozování. Tento plán byl předložen a projednán s ředitelkou EAZK, která jej dne 24. 2. 2025 schválila.

Seznam zúčastněných stran, které se zapojily do diskuse, je uveden v příloze.

KONTEXT ENERGETICKÝCH KOMUNIT

Energetické komunity byly zavedeny evropskými směnicemi 2018/2001 a 2019/944 s cílem posílit přístup místních subjektů na trhy s energiemi. Členské státy si tyto definice převzaly a pro Česko z toho vyplynuly následující předpisy:

- Zákon LEX OZE II – komunitní energie
- Zákon LEX OZE III (měl by vstoupit v platnost 1. 7. 2025) – akumulace, agregace, flexibilita

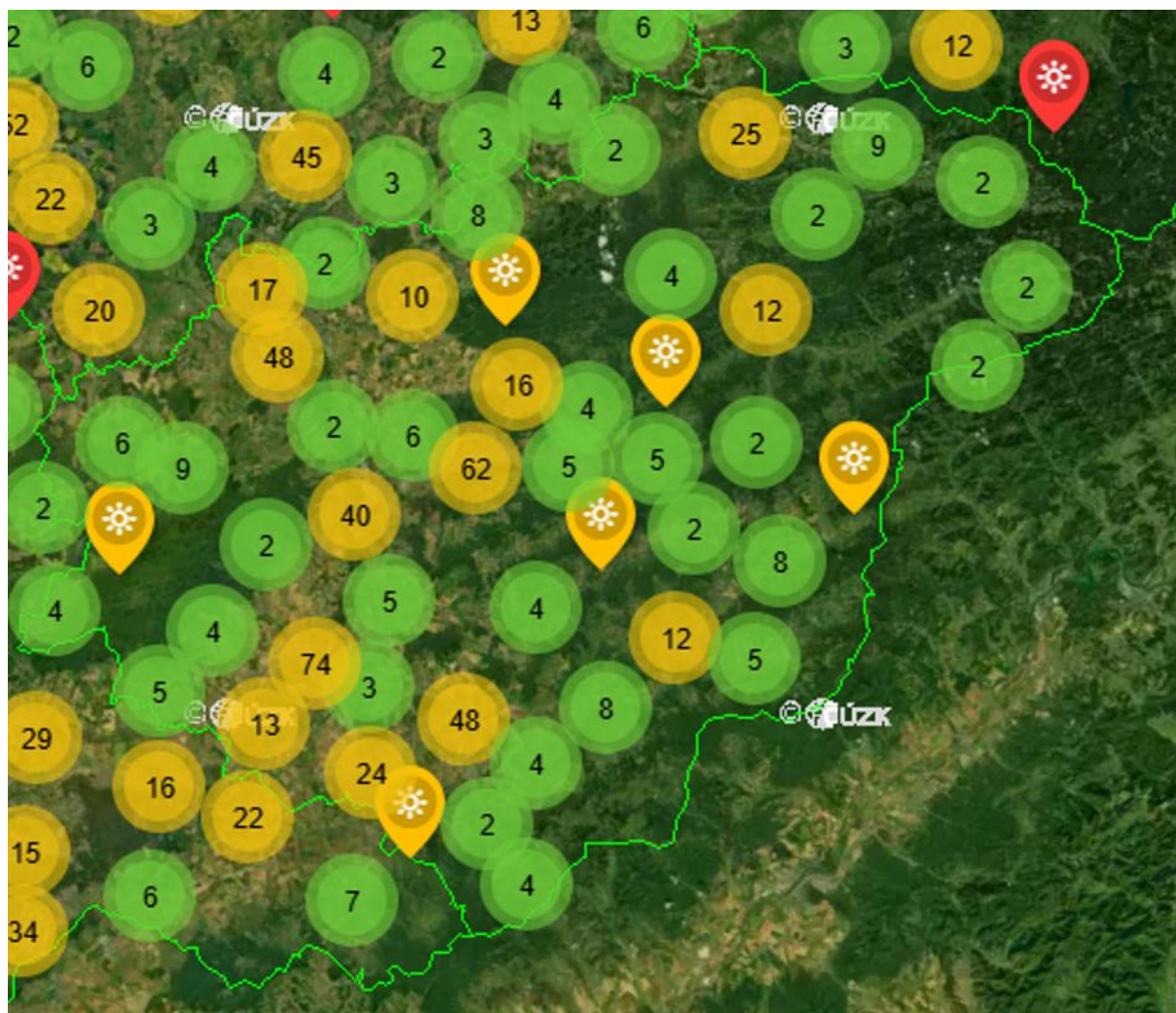
Podpora energetických komunit je nezbytná pro dosažení cílů energetického přechodu, pro lepší přijetí projektů OZE na místní úrovni, pro usnadnění financování projektů atd.

V současné době jsou ve vnitrostátních předpisech energetická společenství definována jako:

- Energetické společenství: umožňuje kolektivní výrobu energie (včetně tepla), velká společnost se nikdy nemůže stát členem.

- Společenství pro obnovitelné zdroje energie (OZE): pouze elektřina.

V Česku je v současné době registrováno celkem 24 energetických společenství obou výše uvedených typů dohromady. Dvě z nich se nacházejí ve Zlínském kraji. Tento počet je dán zejména tím, že sdílení v Česku začalo reálně fungovat až v říjnu loňského roku (s výjimkou bytových domů). Navíc vzhledem k podmínkám, které jsou dány legislativní úpravou komunitní energetiky (hlasovací práva, registrace u ERÚ, zdanění...), je pro zájemce o sdílení jednodušší a výhodnější využít formu aktivního zákazníka. Ta podporuje sdílení energie mezi malými skupinami, a to s maximálním počtem 11 odběrných míst (OM).



Zdroj: <https://www.mapotic.com/fotovoltaicke-elektrarny-cr>

Na základě dříve vedených diskusí byly identifikovány hlavní problémy a potřeby:

- malá dotace na větší výkon fotovoltaiky (nepokryje nutnou rekonstrukci střechy a samotnou fotovoltaiku → není motivující);
- byrokracie a legislativa snižují motivaci (daňové odpočty nad 30 000 Kč a rovné hlasovací právo účastníků);
- nedostatek informací;
- špatný technický stav budov (nedostatečná nosnost střech a potřeba revitalizace administrativních budov).

PROČ VYVÍJET OSS?

Partneři projektu ECOEMPOWER se domnívají, že jednotné kontaktní místo může na dané území přinést velkou přidanou hodnotu a silně podpořit rozvoj energetických společenství (ES). Hlavní argumenty, které byly sdíleny na evropské úrovni, připomínáme níže.

Místní přínosy OSS		Zájem na sdíleném přístupu	
OSS pomáhá rozvíjet více projektů OZE a dosahovat cílů v oblasti klimatu	OSS podporují ES, které mohou využít úspory občanů jako páku pro financování energetické tranzice.	Sdílení zkušeností a vyhnout se tomu, abyste u každého nově vznikajícího ES začínali od nuly.	Silnější postavení při vyjednávání o partnerství prostřednictvím kolektivního přístupu, zviditelnění.
ES mohou podpořit místní hospodářský rozvoj tím, že podporují místní podniky a zaměstnanost.	OSS může sehrát vzdělávací roli a pomoci dekonstruovat falešné zprávy o ES.	Spoleh se na sdílené lidské zdroje, které jsou schopny projektu pomoci.	Podíl na nákladech (zaměstnanci, náklady na webové stránky...)
OSS může představovat neutrální důvěryhodnou místní strukturu a přinést stabilitu do rozvoje OZE.	OSS může posílit územní vazby s místním přístupem, čímž bude efektivnější.	Kolektivní aktualizace nástrojů, služeb, dovedností.	Zvýšení důvěryhodnost vznikajících projektů, protože se mohou opřít o úspěšné projekty, které jsou s nimi spojeny prostřednictvím OSS.

ROZSAH PŮSOBNOSTI JEDNOTNÉHO KONTAKTNÍHO MÍSTA (OSS)

Cílem OSS je podporovat rozvoj energetických společenství (ES) prostřednictvím zavádění sdílených nástrojů a služeb.

Územní působnost OSS je Zlínský kraj. Kraj se nachází ve východní části Česka, sousedí se Slovenskem a má rozlohu 3 964 km², což z něj činí čtvrtý nejmenší kraj v zemi. Zlínský kraj je příhraničním regionem se zemědělskou i průmyslovou tradicí a velkou hustotou osídlení. Nachází se zde 307 obcí, v nichž žije 580 119 obyvatel (2021).

Cílovými příjemci OSS jsou:

- Energetické komunity.
- Obce, které chtějí být součástí energetického společenství nebo ho podporovat.
- Místní společnosti, které chtějí být součástí energetického společenství.
- Místní občané, kteří chtějí být součástí energetického společenství.

OSS bude podporovat rozvoj energetických komunit, které budou realizovat projekty v těchto oblastech:

- Obnovitelná elektřina
- Teplo

NABÍDKA OSS

Cílem OSS je vytvořit následující nabídku služeb:

- Webová platforma s informacemi o energetických komunitách: <https://www.eazk.cz/oss>

- Pravidelné aktivity zaměřené na vytváření sítí pro sdílení zkušeností, vzájemné poznávání a poradenství mezi ES, setkávání ES s odborníky a profesními strukturami atd.
- Pravidelné semináře, přinášející relevantní informace na konkrétní témata (regulační rámec, dotační možnosti, technická řešení atd.).
- Denní horká linka pro zodpovídání dotazů ES nebo subjektů, které chtějí vytvořit ES.
- Nástroje, které pomáhají rozvíjet projekty OZE (šablony podnikatelských plánů, stanovy, pokyny atd.)

PROVOZ OSS

OSS bude provozovat Energetická agentura Zlínského kraje. Struktura je stávající. Očekává se, že toto provozní schéma zůstane ve střednědobém horizontu nezměněno.

Na řízení OSS se podílejí tyto subjekty a osoby:

- EAZK / ředitelka EAZK
- EAZK / manažerka projektu Ecoempower
- EAZK / kontaktní osoba pro veřejnost
- Zlínský kraj/ radní Zlínského kraje

Plánují se scházet každé tři měsíce, aby diskutovali o provozu OSS a plánovali další vývoj.

OBCHODNÍ MODEL

Nástroje a služby OSS budou k dispozici zdarma. EAZK je nezisková společnost, která je plně vlastněna a financována Zlínským krajem, takže své služby poskytuje Zlínskému kraji zdarma.

PLÁNOVÁNÍ REALIZACE

Vývoj OSS je naplánován na dvě fáze, které budou realizovány v průběhu tří let.

Plánované fáze jsou následující:

- **2025–2026 (v rámci projektu EcoEmpower):**

Popis činností: Hlavní aktivitou bude oslovení a představení OSS potenciálním zájemcům z regionu – obcím, občanům, firmám. Následně jim budou nabídnuty nástroje vyvinuté v rámci projektu Ecoempower, školení a komplexní poradenství, které jim pomůže orientovat se v problematice komunitní energetiky. Zároveň může EAZK působit jako prostředník, který může v rámci sdílení propojit výrobce s potenciálními spotřebiteli. OSS bude oficiálně spuštěna v únoru 2025 - webové stránky: <https://www.eazk.cz/oss>

Popis zdrojů: V první fázi projektu budou hledáni noví zaměstnanci, kteří budou zodpovědní za počáteční kontakt se zúčastněnými stranami a základní poradenství.

Popis financování: V této fázi jsou činnosti OSS financovány z projektu ECOEMPOWER. V případě potřeby budou další činnosti financovány z hlavní činnosti EAZK.

- **Od roku 2027: rozšíření o oblast flexibility**

Popis činností: V tomto období by na základě zákona LEX OZE III mělo EDC (Energetické datové centrum) rozšířit své služby také o řízení dat pro účely zajištění akumulace, flexibility nebo agregace. Nástroje vyvinuté v rámci projektu Ecoempower proto pravděpodobně doplní poradenství v oblasti flexibility a agregace.

Popis zdrojů: V závislosti na růstu sdílení v Česku budou odpovídajícím způsobem přidělovány lidské zdroje.

Popis financování: Jak je uvedeno výše, EAZK je nezisková organizace a je financována krajem. Proto bude rozpočet v tomto období přidělován podle potřeby na základě připraveného rozpočtu EAZK.

Seznam zkratek

DSO: Provozovatel distribučních služeb

OSS: One-Stop Shop

FVE: fotovoltaika

ES: Energetické společenství

SOZE: Společenství pro obnovitelné zdroje energie

OZE: Obnovitelné zdroje energie

Malé a střední podniky: malé a střední podniky

Im aktuellen Dokument sind keine Quellen vorhanden.

PŘÍLOHA : SEZNAM ZÚČASTNĚNÝCH STRAN

COUNTRY	ECOEMPOWER PART	STAKEHOLDER NAME	TYPE
ITALY	PAT	FEDERAZIONE TRENINA DELLE COOPERATIVE (regional federation of cooperatives)	other company
ITALY	PAT	CONSORZIO DEI COMUNI TARENTINI (lobby of municipalities)	other
ITALY	PAT	ENEA	energy agency
ITALY	PAT	4 CONSORZI BIM (4 association of municipalities aggregated by hydrographic)	public body
GERMANY	eza!	MUNICIPALITIES (147 in the Allgäu region) + COUNTIES + BAVARIAN MUNICIPALITIES	public body
GERMANY	eza!	Mayor of Scheidegg	public body
GERMANY	eza!	Bavarian Municipal Congress Lindau	public body
GERMANY	eza!	Climate Protection Manager District of Oberallgäu	public body
GERMANY	eza!	Climate Protection Manager District of Lindau	public body
GERMANY	eza!	Climate protection manager district Ostallgäu	public body
GERMANY	eza!	Bavarian Community Day Oberallgäu	public body
GERMANY	eza!	Climate Protection Manager City of Kempten	public body
GERMANY	eza!	Allgäu GmbH	other
AUSTRIA	eza!	Elektrizitätswerke Reutte	DSO
AUSTRIA	eza!	Vorarlberger Kraftwerke AG	DSO
GERMANY	eza!	Lechwerke AG (LEW)	DSO
ITALY	PAT	Municipalities	Public bodies
ITALY	PAT	SET distribuzione	DSO
ITALY	PAT	CEDIS	DSO
ITALY	PAT	CEIS	DSO
ITALY	PAT	CEP	DSO
ITALY	PAT	ACSM	DSO
ITALY	PAT	Existing EC in Trentino	energy community
ITALY	PAT	CONFINDUSTRIA TRENINO (lobby of enterprises)	other company
ITALY	PAT	ASSOCIAZIONE ARTIGIANI DEL TRENINO (lobby of enterprises)	other company
ITALY	PAT	CASSA CENTRALE BANCA (bank group)	bank
Italy	FBK	RSE	public body
Italy	PAT	Associazione professionisti per le CER	
Italy	FBK	COMMUNITAS	other
Italy	PAT	CARITRO	other
GERMANY	eza!	Klima3 Energieagentur STA, FFB, LL	energy agency
GERMANY	eza!	Energieagentur Nordbayern	energy agency
GERMANY	eza!	Energieagentur Südostbayern	energy agency
GERMANY	eza!	Energieagentur Regensburg	energy agency
Germany	BAUM	Easy Smart Grid GmbH	other
France	Asso CV	Centrales Villageoises du Haut Dauphiné	energy community (established)
France	Asso CV	Centrales Villageoises Taute Vire Bocage	energy community (established)
France	Asso CV	Centrales Villageoises du Pays Derois	energy community (established)
France	Asso CV	Centrales Villageoises Solely Brequin	energy community (established)
France	Asso CV	Centrales Villageoises Soleil Beaujolais	energy community (established)
France	Asso CV	Centrales Villageoises Averno Durable	energy community (established)
France	Asso CV	Centrales Villageoises Beewawt	energy community (established)
France	Asso CV	Centrales Villageoises Energies Tarines	energy community (established)
Germany	eza!	Energie am Kaufering	public body
Germany	eza!	P2M	engineering company
Germany	eza!	Gemeinde Windach	public body
Germany	eza!	LKR Kulmbach	public body
Germany	eza!	EPNV GmbH	engineering company
Germany	eza!	Energie am Donauwörth	public body
Germany	eza!	Gemeinde Opfenbach	public body
Germany	eza!	Energieagentur Nordbayern	energy agency
Germany	eza!	Müller Group	other
Italy	FBK	EC4RURAL	other
Italy	FBK	DISCOVER	other
Italy	FBK	ENCOMHUB	other
Greece	ROCG	Municipality of Domokos	other
Greece	ROCG	SOCIAL WELFARE CENTER OF REGION OF CENTRAL GREECE	other
Greece	ROCG	Municipality of Amfikleia	other
Italy	FBK	POWERYOUTH	other
Germany	BAUM	Gemeinde Fuchstal	other
Germany	BAUM	Es-geht! Energiesysteme	other
Germany	BAUM	Stadtwerk Haßfurt	other
Germany	BAUM	Stadtwerke Wunsiedel	other

Φεβρουάριος 2025

**ΠΕΡΙΦΕΡΕΙΑΚΟ ΣΤΡΑΤΗΓΙΚΟ ΣΧΕΔΙΟ ΤΟΥ
ΟΣΣ, ΣΥΜΠΕΡΙΛΑΜΒΑΝΟΜΕΝΗΣ ΤΗΣ
ΠΕΡΙΓΡΑΦΗΣ ΤΩΝ ΔΡΑΣΤΗΡΙΟΤΗΤΩΝ ΓΙΑ
ΤΗΝ ΚΙΝΗΤΟΠΟΙΗΣΗ ΤΩΝ
ΕΝΔΙΑΦΕΡΟΜΕΝΩΝ ΜΕΡΩΝ**



Το έργο ECOEMPPOWER - ECSystems EMPOWERing at regional and local scale supporting energy communities λαμβάνει χρηματοδότηση από τον Ευρωπαϊκό Εκτελεστικό Οργανισμό για το Κλίμα, τις Υποδομές και το Περιβάλλον (CINEA) στο πλαίσιο Συμφωνία επιχορήγησης n°101120775.



ΤΕΧΝΙΚΕΣ ΑΝΑΦΟΡΕΣ

Ακρωνύμιο έργου	ECOEMPOWER
Τίτλος έργου	ECOsystems EMPOWERing σε περιφερειακή και τοπική κλίμακα, υποστηρίζοντας τις ενεργειακές κοινότητες
Πρόγραμμα χρηματοδότησης	LIFE 2027
Καλέστε	LIFE-2022-CET
Θέμα	LIFE-2022-CET-ENERCOM
Συντονιστής έργου	Cinzia Morisco (FBK)
Ημερομηνία έναρξης του έργου	1 ^η Σεπτεμβρίου 2023
Ημερομηνία λήξης του έργου	31 Αυγούστου 2026
Διάρκεια του έργου	36 μήνες
Αναγνωριστικό έργου	101120775

Αριθμός παραδοτέου.	D5.1
Επίπεδο διάδοσης	PU - Δημόσιο
Πακέτο εργασίας	WP5
Εργασία	T5.1
Επικεφαλής δικαιούχος	ΠΣΤΕ (ROCG)

ΛΙΣΤΑ ΛΈΞΕΩΝ-ΚΛΕΙΔΙΏΝ

Στρατηγικό σχέδιο - Κοινότητες Ανανεώσιμων Πηγών Ενέργειας - Υπηρεσία μιας στάσης - Οδικός χάρτης υπηρεσιών εργαλείων - Κινητοποίηση των ενδιαφερομένων - Μακροπρόθεσμος σχεδιασμός - Ομάδες εστίασης των ενδιαφερομένων - Ενδυνάμωση - Κοινή χρήση ενέργειας - Ανανεώσιμες πηγές ενέργειας

ΑΠΟΠΏΙΗΣΗ ΕΥΘΎΝΗΣ

Η γνώμη που διατυπώνεται στην παρούσα έκθεση αντικατοπτρίζει τη γνώμη των συγγραφέων και όχι τη γνώμη της Ευρωπαϊκής Επιτροπής. Η Ευρωπαϊκή Ένωση δεν ευθύνεται για οποιαδήποτε χρήση των πληροφοριών που περιέχονται στο παρόν έγγραφο.

Το παρόν έγγραφο θα είναι διαθέσιμο για χρήση και λήψη στον ιστότοπο ECOEMPOWER με άδεια Creative Commons . Θα χρησιμοποιηθεί η CC BY 4.0 DEED | Αναφορά 4. (<https://creativecommons.org/licenses/by/4.0/>). Αυτή η άδεια επιτρέπει στους επαναχρησιμοποιητές να διανέμουν, να αναμειγνύουν, να προσαρμόζουν και να αξιοποιούν το υλικό σε οποιοδήποτε μέσο ή μορφή, να γίνεται αναφορά στον δημιουργό.

Όλα τα μέλη της κοινοπραξίας ECOEMPOWER δεσμεύονται να δημοσιεύουν ακριβείς και επικαιροποιημένες πληροφορίες και καταβάλλουν κάθε δυνατή προσπάθεια για να το πράξουν. Ωστόσο, τα μέλη της κοινοπραξίας ECOEMPOWER δεν μπορούν να αναλάβουν ευθύνη για τυχόν ανακρίβειες ή παραλείψεις, ούτε για τυχόν άμεσες, έμμεσες, ειδικές, επακόλουθες ή άλλες απώλειες ή ζημίες οποιουδήποτε είδους που προκύπτουν από τη χρήση αυτών των πληροφοριών.

ΣΥΝΟΠΤΙΚΗ ΠΑΡΟΥΣΙΑΣΗ

Το παρόν παραδοτέο περιγράφει για την Περιφέρεια Στερεάς Ελλάδας (ΠΣΤΕ) τις δραστηριότητες που πραγματοποιήθηκαν για την κινητοποίηση των ενδιαφερομένων μερών γύρω από τη δημιουργία μιας Υπηρεσίας Μιας Στάσης (ΥΜΣ) για την υποστήριξη της ανάπτυξης κοινοτήτων Ανανεώσιμων Πηγών Ενέργειας. Οι δραστηριότητες αυτές περιλαμβάνουν δημόσιες εκδηλώσεις, διμερείς συναντήσεις, ειδικά εργαστήρια και σε διάφορους τύπους ενδιαφερομένων.

Το παραδοτέο αναπαράγει επίσης το στρατηγικό σχέδιο που υιοθέτησε η ΠΣΤΕ για να προετοιμάσει την εφαρμογή του OSS της, με βάση τις εισηγήσεις των ενδιαφερομένων μερών. Αυτά τα στρατηγικά σχέδια περιλαμβάνουν περιγραφή

- τους δικαιούχους-στόχους,
- ο τομέας της παρέμβασης
- το είδος των εργαλείων και των υπηρεσιών που θα αναπτυχθούν
- Η διακυβέρνηση του OSS και ο τόπος στον οποίο θα φιλοξενηθεί
- Το σχεδιαζόμενο επιχειρηματικό μοντέλο και οι πόροι που θα διατεθούν
- Οι προγραμματισμένες φάσεις ανάπτυξης κατά τα επόμενα 5 έτη

Πίνακας περιεχομένων

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Περιφερειακά στρατηγικά σχέδια και κινητοποίηση των ενδιαφερομένων (ανά χώρα) Errore. Il segnalibro non è definito.	
a. Ελλάδα - ROCG..... Errore. Il segnalibro non è definito.	
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Εισαγωγή

ΣΤΟΧΟΙ ΤΩΝ ΑΝΑΦΕΡΟΜΕΝΩΝ ΕΡΓΑΣΙΩΝ

Στόχος του έργου αυτού ήταν να ανοίξει ο δρόμος για την ανάπτυξη μιας υπηρεσίας μιας στάσης σε κάθε περιφερειακό οικοσύστημα, ώστε να υποστηριχθεί η ανάπτυξη των ενεργειακών κοινοτήτων. Ο πρώτος στόχος ήταν να κινητοποιηθούν οι ενδιαφερόμενοι φορείς που δυνητικά ενδιαφέρονται για το μελλοντικό OSS, είτε ως δικαιούχοι είτε ως συνεισφέροντες, και να συζητήσουν μαζί τους για το πλαίσιο του OSS, τη διακυβέρνηση, τη χρηματοδότηση και τις μελλοντικές υπηρεσίες. Το δεύτερο βήμα ήταν ο σχεδιασμός ενός στρατηγικού σχεδίου, βάσει των αποτελεσμάτων των ενδιαφερομένων μερών, έτσι ώστε να διασφαλιστεί η κοινή κατανόηση των αναγκών και η κοινή προσέγγιση για την υλοποίηση της πράξης.

ΠΩΣ ΝΑ ΔΙΑΒΑΣΕΤΕ ΤΟ ΠΑΡΟΝ ΈΓΓΡΑΦΟ

Το παραδοτέο περιγράφει τις εργασίες για την ΠΣΤΕ. Ως εκ τούτου, υπάρχει μια περιγραφή σχετικά με την κινητοποίηση των ενδιαφερομένων μερών και μια παρουσίαση του στρατηγικού σχεδίου.

ΔΟΜΗ ΤΟΥ ΕΓΓΡΑΦΟΥ

Κάθε μέρος σχετικά με την κινητοποίηση των ενδιαφερομένων μερών είναι μια σύντομη περίληψη των διαφόρων συναντήσεων που πραγματοποιήθηκαν.

Κάθε στρατηγικό σχέδιο βασίζεται σε ένα κοινό πλαίσιο, το οποίο παρέχεται από την AURA-EE.

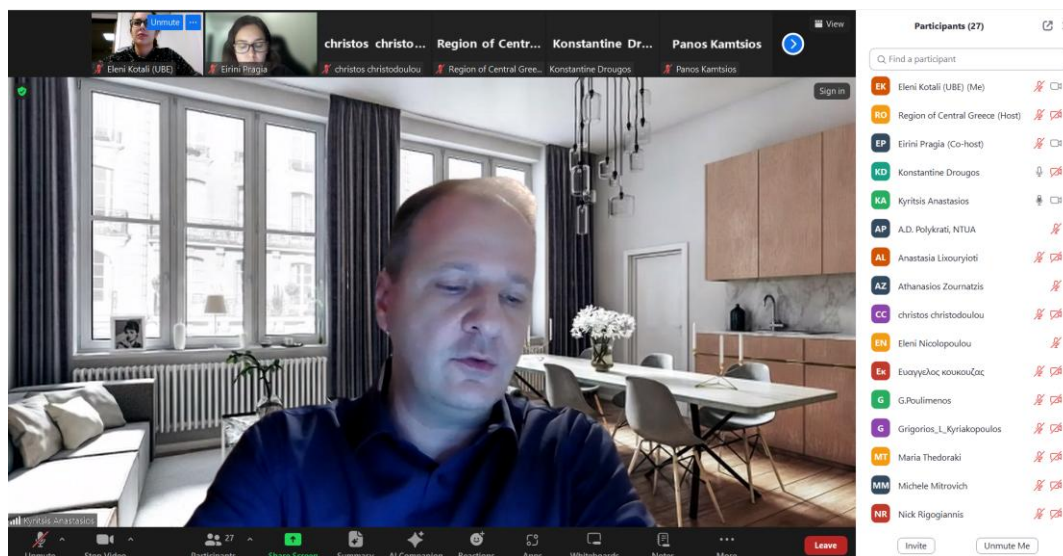
Κινητοποίηση των ενδιαφερομένων μερών

Οι ακόλουθες εκδηλώσεις διοργανώθηκαν στο πλαίσιο του έργου ECOEMPOWER:

- **24/07/24: Δημόσια εκδήλωση** στην πιλοτική περιοχή Δομοκός
 - Στόχος της εκδήλωσης: παρουσίαση του έργου Ecoempower, ενημέρωση, συλλογή Επιστολών ενδιαφέροντος, οικοδόμηση συνεργασιών, προσέλκυση ενδιαφερομένων.
 - Τόπος εκδήλωσης: Δομοκός
 - Αριθμός συμμετεχόντων: 50
 - Τύπος συμμετεχόντων: Ενδιαφερόμενα μέρη, μέλη των Ενεργειακών Κοινοτήτων, εκπρόσωποι της εκκλησίας
 - Ρόλος της ΠτΣΕ: Οργανωτής
 - Κύρια αποτελέσματα για την ΥΜΣ: Η εκδήλωση ανέδειξε με επιτυχία τον κρίσιμο ρόλο της συμμετοχής των ενδιαφερομένων μερών και των φορέων στις ενεργειακές κοινότητες. Το υψηλό επίπεδο ενδιαφέροντος του κοινού και οι διεξοδικές συζητήσεις υπογράμμισαν τη σημασία της συνεχιζόμενης δέσμευσης και την ανάγκη για περαιτέρω ενημερωτικές εκδηλώσεις. Η δέσμευση για την ανταλλαγή εμπειριών και καλών πρακτικών των άλλων Περιφερειακών Οικοσυστημάτων στην Ιταλία, τη Γαλλία και τη Γερμανία και η διοργάνωση πρόσθετων εκδηλώσεων εντός του 2024 και η επέκταση των συνεργατικών δράσεων σε άλλους δήμους της Περιφέρειας Στερεάς Ελλάδας υποδηλώνει τη συνεχιζόμενη σημασία αυτών των πρωτοβουλιών.



- **03/12/2024:** Αμφίκλεια: **Online εκδήλωση** για την πιλοτική περιοχή της Αμφίκλειας
 - Στόχος της εκδήλωσης: παρουσίαση του έργου Ecoempower, ενημέρωση, συλλογή επιστολών ενδιαφέροντος, οικοδόμηση συνεργασιών, προσέλκυση ενδιαφερομένων.
 - Τόπος εκδήλωσης: Online
 - Αριθμός συμμετεχόντων: 30
 - Τύπος συμμετεχόντων: Ενδιαφερόμενοι φορείς, μέλη ενεργειακών κοινοτήτων, πολίτες
 - Ρόλος της ΠΣΤΕ: Οργανωτής
 - Κύρια αποτελέσματα για το OSS: Μέσω της διαδικτυακής εκδήλωσης, είχαμε την ευκαιρία να συγκεντρώσουμε νεότερους ανθρώπους από την περιοχή, οι οποίοι ζουν και εργάζονται σε αστικές περιοχές και να συλλέξουμε τα σχόλιά τους. Επίσης, είχαμε ενδιαφέρουσα αλληλεπίδραση με εκπροσώπους του κλάδου, οι οποίοι μπορεί να μην είναι κάτοικοι της περιοχής, αλλά δραστηριοποιούνται επαγγελματικά στην περιοχή Κεντρική Ελλάδα. Ο σκοπός ήταν να τους δελεάσουμε να γίνουν ενδιαφερόμενοι για να προσφέρουν υπηρεσίες στην Υπηρεσία Μίας Στάσης μας.



- **17/12/2024:** Καμένα Βούρλα: **Δημόσια εκδήλωση** στην πιλοτική περιοχή των Καμένων Βούρλων
 - Στόχος της εκδήλωσης: παρουσίαση του έργου Ecoempower, ενημέρωση, συλλογή επιστολών ενδιαφέροντος, οικοδόμηση συνεργασιών, προσέλκυση ενδιαφερομένων.
 - Τόπος εκδήλωσης: Καμένα Βούρλα
 - Αριθμός συμμετεχόντων: 10
 - Τύπος συμμετεχόντων: Ενδιαφερόμενοι φορείς, μέλη του Δήμου και εργαζόμενοι των παρόχων ενέργειας
 - Ρόλος της ΠΣΤΕ: Οργανωτής
 - Κύρια αποτελέσματα για την OSS: Λόγω των λιγότερων συμμετεχόντων, εκμεταλλευτήκαμε την ευκαιρία για διμερείς συζητήσεις με τους συμμετέχοντες στην εκδήλωση και πήραμε πιο άμεση ανατροφοδότηση σχετικά με το είδος των υπηρεσιών που θα πρέπει να παρέχει η OSS.



- **30/12/2024: Online Stakeholder Event**
- Στόχος της εκδήλωσης: Κινητοποίηση των ενδιαφερομένων μερών
- Τόπος εκδήλωσης: Online
- Αριθμός συμμετεχόντων: 4
- Τύπος συμμετεχόντων: Ενδιαφερόμενα μέρη
- Ρόλος της ΠΣΤΕ: Διοργανωτής
- Κύρια αποτελέσματα για την OSS: Η συνάντηση ξεκίνησε με μια εισαγωγή στις Ενεργειακές Κοινότητες, τονίζοντας τη σημασία τους για τη διευκόλυνση της τοπικής συμμετοχής σε έργα ανανεώσιμων πηγών ενέργειας. Η συζήτηση κάλυψε διαφορετικά μοντέλα διακυβέρνησης, στρατηγικές χρηματοδότησης και ρυθμιστικές δομές που διαμορφώνουν την επιτυχία των Ενεργειακών Κοινοτήτων. Στη συνέχεια, διερευνήθηκε η έννοια της ενιαίας υπηρεσίας ως πιθανή λύση για τον εξορθολογισμό των υπηρεσιών και την παροχή κεντρικής υποστήριξης για τις Ενεργειακές Κοινότητες. Η ΥΜΣ στοχεύει να λειτουργήσει ως ολοκληρωμένος κόμβος υπηρεσιών, προσφέροντας καθοδήγηση σχετικά με τη συμμόρφωση με τις κανονιστικές διατάξεις, τον οικονομικό σχεδιασμό, την τεχνική εμπειρογνομosύνη και τη διοικητική υποστήριξη. Με την ενοποίηση αυτών των πόρων σε μια προσβάσιμη πλατφόρμα, ο στόχος είναι να απλοποιηθεί η διαδικασία για τις κοινότητες που επιθυμούν να δημιουργήσουν και να διαχειριστούν έργα βιώσιμης ενέργειας. βασικά στοιχεία ήταν η κανονιστική καθοδήγηση, η οικονομική βοήθεια και η τεχνική υποστήριξη. Επισημάνθηκαν προκλήσεις όπως τα κανονιστικά εμπόδια, η οικονομική βιωσιμότητα και η ευαισθητοποίηση του κοινού. Συζητήθηκαν επίσης ευκαιρίες, συμπεριλαμβανομένης της πολιτικής στήριξης, των τεχνολογικών εξελίξεων και των στρατηγικών δέσμευσης της κοινότητας
- Άλλες έξοδοι: Αξιολόγηση των ρυθμιστικών προκλήσεων και πρόταση πιθανής λύσης, διερεύνηση των δυνατοτήτων χρηματοδότησης και υποβολή εκθέσεων σχετικά με τα πορίσματα στην επόμενη συνεδρίαση.



Περιφερειακό στρατηγικό σχέδιο

ΕΙΣΑΓΩΓΗ

Το παρόν στρατηγικό σχέδιο συντάχθηκε στο πλαίσιο του έργου ECOEMPOWER Life. Η Ψηφιακή OSS λειτουργεί ως κεντρική διαδικτυακή πλατφόρμα που παρέχει **ολοκληρωμένες υπηρεσίες, καθοδήγηση και τεχνική βοήθεια** για τη διευκόλυνση της δημιουργίας και λειτουργίας των Ενεργειακών Κοινοτήτων. Στοχεύει στη μείωση του διοικητικού φόρτου, στη βελτίωση της πρόσβασης σε ευκαιρίες χρηματοδότησης και στην προώθηση της συνεργασίας μεταξύ δήμων, επιχειρήσεων και πολιτών που ενδιαφέρονται για έργα ανανεώσιμων πηγών ενέργειας.

ΠΛΑΪΣΙΟ ΓΙΑ ΤΙΣ ΕΝΕΡΓΕΙΑΚΕΣ ΚΟΙΝΟΤΗΤΕΣ

Οι ενεργειακές κοινότητες θεσπίστηκαν με τις ευρωπαϊκές οδηγίες 2018/2001 και 2019/944 με στόχο την ενίσχυση των τοπικών φορέων για την πρόσβαση στις αγορές ενέργειας. Τα κράτη μέλη μετέφρασαν τους ορισμούς αυτούς και για την Ελλάδα οδήγησε στους ακόλουθους κανονισμούς:

- Νόμος 3468/2006 - Το πρώτο ρυθμιστικό πλαίσιο για τις ανανεώσιμες πηγές ενέργειας, που θέτει τις βάσεις για την παραγωγή ενέργειας με βάση την κοινότητα.
- Νόμος 4513/2018 - Ο πρώτος νόμος για τις ενεργειακές κοινότητες
Ο νόμος 4513/2018 ήταν ο πρώτος νόμος που θέσπισε το πλαίσιο για τις ενεργειακές κοινότητες στην Ελλάδα. Βασικά σημεία:
 - ο Ορίζει τις Ενεργειακές Κοινότητες ως συνεταιρισμούς πολιτών με σκοπούς σχετικούς με την ενέργεια.
 - ο Απαιτεί τουλάχιστον 5 μέλη (ή 3 μέλη για νησιά με λιγότερους από 3.100 κατοίκους).
 - ο Παρέχει φορολογικά και οικονομικά κίνητρα για τις ενεργειακές κοινότητες.
 - ο Επιτρέπει την αυτοπαραγωγή ενέργειας μέσω εικονικής καθαρής μέτρησης.
- Νόμος 5037/2023 - Νέο πλαίσιο για τις ενεργειακές κοινότητες

Ο νόμος 5037/2023 τροποποίησε το προηγούμενο καθεστώς και εισήγαγε τις Κοινοτικές Ενεργειακές Κοινότητες (Κ.Ε.Κ.), ευθυγραμμίζοντας το ελληνικό πλαίσιο με την οδηγία 2018/2001 της ΕΕ. Αποσαφήνισε τις δομές διακυβέρνησης και διεύρυνε το πεδίο δραστηριοτήτων των ενεργειακών κοινοτήτων. Βασικές αλλαγές:

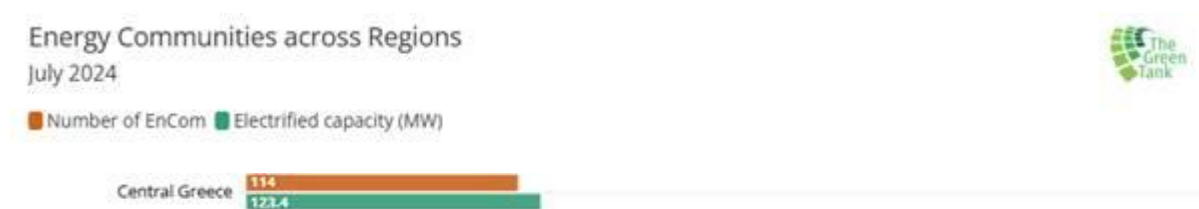
- ο Διάκριση μεταξύ δύο τύπων ενεργειακών κοινοτήτων:
- ο Ενεργειακές Κοινότητες Πολιτών (Ε.Κ.Π.): Σχεδιασμένες κυρίως για ιδιώτες και μικρές επιχειρήσεις, προσφέροντας ευελιξία στη συμμετοχή.
- ο Κοινοτικές Ενεργειακές Κοινότητες (Κ.Ε.Κ.): Επικεντρώνονται στην κοινωνική και ενεργειακή αλληλεγγύη, με αυστηρότερα κριτήρια συμμετοχής.
- ο Ενισχυμένα αναπτυξιακά κίνητρα μέσω επιδοτήσεων και φορολογικών ελαφρύνσεων.
- ο Αυξημένη εστίαση στην αποθήκευση ενέργειας και στη συμμετοχή των ενεργειακών κοινοτήτων στις αγορές ενέργειας.

Η προώθηση των ενεργειακών κοινοτήτων είναι απαραίτητη για την επίτευξη των στόχων της ενεργειακής μετάβασης, τη βελτίωση της τοπικής αποδοχής των έργων ΑΠΕ, τη διευκόλυνση της χρηματοδότησης των έργων κ.λπ.

Επί του παρόντος, στους εθνικούς κανονισμούς, οι ενεργειακές κοινότητες ορίζονται στους ελληνικούς εθνικούς κανονισμούς, ως αστικοί συνεταιρισμοί με σκοπούς σχετικούς με την ενέργεια, που επιτρέπουν στους πολίτες, τις τοπικές αρχές και τις επιχειρήσεις να επενδύουν συλλογικά και να επωφελούνται από την παραγωγή, την αποθήκευση και τη διανομή ενέργειας από ανανεώσιμες πηγές.

Στην Κεντρική Ελλάδα, υπάρχουν σήμερα περίπου 7 ενεργές ενεργειακές κοινότητες, οι οποίες επικεντρώνονται κυρίως στην ανάπτυξη φωτοβολταϊκών πάρκων, αιολικών πάρκων και έργων βιομάζας μικρής κλίμακας. Πολλές από αυτές τις πρωτοβουλίες αποσκοπούν στην προώθηση της ενεργειακής αυτάρκειας, στη μείωση του ενεργειακού κόστους για τις τοπικές κοινότητες και στην ενθάρρυνση της αποκεντρωμένης παραγωγής ενέργειας.

Υφιστάμενες ενεργειακές κοινότητες στην ΠΣΤΕ^[1]:



Από τις συζητήσεις που έχουν προηγηθεί, έχουν εντοπιστεί τα κύρια ζητήματα και ανάγκες

- **Διοικητική υποστήριξη:** Απλοποίηση των διαδικασιών αδειοδότησης και παροχή σαφών κατευθυντήριων γραμμών για τη μείωση των γραφειοκρατικών εμποδίων.
- **Οικονομική βοήθεια:** Ενίσχυση της πρόσβασης σε ευκαιρίες χρηματοδότησης, επιχορηγήσεις και ευνοϊκούς όρους δανείων για την υποστήριξη της ανάπτυξης έργων.
- **Δικτύωση και ανάπτυξη ικανοτήτων:** Δημιουργία πλατφορμών για την ανταλλαγή γνώσεων, προγραμμάτων κατάρτισης και συμπράξεων για την ενίσχυση κοινοτικών πρωτοβουλιών.
- **Πρόσβαση στο δίκτυο και τεχνική υποστήριξη:** Βελτίωση των διαδικασιών σύνδεσης στο δίκτυο και παροχή τεχνικής βοήθειας για την ενσωμάτωση έργων ανανεώσιμης ενέργειας.
- **Πολιτική και νομική σαφήνεια:** Διασφάλιση της ευθυγράμμισης με τις εθνικές και κοινοτικές οδηγίες και παροχή σαφών νομικών πλαισίων για τη στήριξη των κοινοτικών ενεργειακών έργων.

^[1] <https://thegreentank.gr/en/community-energy-watch-en/>

ΓΙΑΤΙ ΝΑ ΑΝΑΠΤΥΞΕΤΕ ΈΝΑ OSS;

Οι εταίροι της EcoEmpower προωθούν την ιδέα ότι ένα one-stop shop θα φέρει μεγάλη προστιθέμενη αξία στην επικράτεια και θα προωθήσει έντονα την ανάπτυξη των ενεργειακών κοινοτήτων. Τα κύρια επιχειρήματα, τα οποία μοιράστηκαν σε ευρωπαϊκό επίπεδο, υπενθυμίζονται παρακάτω.

Τοπικά οφέλη ενός		Ενδιαφέρον μιας κοινής προσέγγισης	
Το OSS βοηθά στην ανάπτυξη περισσότερων έργων ΑΠΕ και στην επίτευξη των κλιματικών στόχων	OSS προωθούν τα RECs που μπορούν να χρησιμοποιήσουν τις αποταμιεύσεις των πολιτών ως μοχλό χρηματοδότησης της ενεργειακής μετάβασης	Μοιράζεται η εμπειρία και δεν χρειάζεται κανείς να ξεκινήσει από το μηδέν για κάθε αναδυόμενη ΑΠΕ	Είναι κανείς ισχυρότερος στη διαπραγμάτευση συνεργασιών με συλλογική προσέγγιση, γίνεται κάποιος πιο ορατός
Τα REC μπορούν να ενισχύσουν την τοπική οικονομική ανάπτυξη με την προώθηση τοπικών επιχειρήσεων και θέσεων εργασίας	Η OSS μπορεί να διαδραματίσει εκπαιδευτικό ρόλο και να συμβάλει στην αποδόμηση των ψευδών ειδήσεων στις ΑΠΕ	Βασιστείτε σε κοινούς ανθρώπινους πόρους που μπορούν να βοηθήσουν το έργο	Κόστος μεριδίου (εργαζόμενοι, κόστος ιστότοπου...)
Το OSS μπορεί να αποτελέσει μια ουδέτερη και αξιόπιστη τοπική δομή και να φέρει σταθερότητα στην ανάπτυξη των ΑΠΕ.	Το OSS μπορεί να ενισχύσει τους εδαφικούς δεσμούς με μια τοπική προσέγγιση, κερδίζοντας αποτελεσματικότητα	Αμοιβαιοποίηση εργαλείων, υπηρεσιών, δεξιοτήτων, συλλογικά ενημερωμένων	Αύξηση της αξιοπιστίας των αναδυόμενων έργων, καθώς μπορούν να βασίζονται σε επιτυχημένα έργα που συνδέονται με αυτά μέσω του OSS.

ΠΕΔΙΟ ΕΦΑΡΜΟΓΗΣ ΤΗΣ ΥΠΗΡΕΣΙΑΣ ΜΙΑΣ ΣΤΑΣΗΣ (OSS)

Το OSS αποσκοπεί στην υποστήριξη της ανάπτυξης των ενεργειακών κοινοτήτων μέσω της εφαρμογής κοινών εργαλείων και υπηρεσιών.

Το γεωγραφικό πεδίο εφαρμογής της OSS είναι: Στερέα Ελλάδα

Οι στοχευόμενοι δικαιούχοι του OSS είναι:

- ✓ Ενεργειακές κοινότητες
- ✓ Δήμοι που επιθυμούν να συμμετάσχουν ή να υποστηρίξουν μια ενεργειακή κοινότητα
- ✓ Τοπικές εταιρείες που θέλουν να είναι μέρος μιας ενεργειακής κοινότητας
- ✓ Οι τοπικοί πολίτες θέλουν να είναι μέρος μιας ενεργειακής κοινότητας
- ✓ Επαγγελματικές οντότητες που θέλουν να προτείνουν υπηρεσίες σε ενεργειακές κοινότητες

Η OSS θα υποστηρίξει την ανάπτυξη ενεργειακών κοινοτήτων που φέρουν έργα σε

- ✓ Ανανεώσιμη ηλεκτρική ενέργεια
- ✓ Περιοχές θέρμανσης

ΠΡΟΣΦΟΡΑ ΤΗΣ OSS

Η OSS στοχεύει στην ανάπτυξη της ακόλουθης προσφοράς:

- ✓ Μια διαδικτυακή πλατφόρμα με ορισμένες ειδικές πληροφορίες για τις ενεργειακές κοινότητες
- ✓ Τακτικές δραστηριότητες δικτύωσης για την ανταλλαγή εμπειριών, τη γνωριμία και την καθοδήγηση μεταξύ τους, τη γνωριμία μεταξύ τους με εμπειρογνώμονες και επαγγελματικές δομές κ.λπ.
- ✓ Τακτικές συναντήσεις εργασίας για την ενημέρωση σχετικά με συγκεκριμένα θέματα (κανονιστικό πλαίσιο, κίνητρα, τεχνικές λύσεις κ.λπ.)
- ✓ Καθημερινή τηλεφωνική γραμμή για την απάντηση των ερωτήσεων που θέτουν οι REC ή οι οντότητες που θέλουν να δημιουργήσουν μια REC
- ✓ Εργαλεία που βοηθούν στην ανάπτυξη σχεδίων ΑΠΕ (πρότυπα επιχειρηματικών σχεδίων, καταστατικά, κατευθυντήριες γραμμές κ.λπ.)

ΛΕΙΤΟΥΡΓΙΑ ΤΟΥ OSS

Το ψηφιακό OSS θα λειτουργήσει αρχικά από μια ειδική περιφερειακή αρχή στην Κεντρική Ελλάδα. Ο φορέας αυτός θα διαχειρίζεται την αρχική ανάπτυξη, θα επιβλέπει τις ψηφιακές υπηρεσίες και θα συντονίζει τους ενδιαφερόμενους φορείς για τη συνεχή βελτίωση της λειτουργικότητας του. **Καθώς η πλατφόρμα εξελίσσεται**, το λειτουργικό της πλαίσιο μπορεί να προσαρμόζεται με βάση **την ανατροφοδότηση των χρηστών, τις τεχνολογικές εξελίξεις και τις αναδυόμενες ανάγκες**, διασφαλίζοντας ότι το Ψηφιακό OSS θα παραμείνει ένα δυναμικό και ευέλικτο εργαλείο για τις Ενεργειακές Κοινότητες και άλλους ενδιαφερόμενους φορείς. Ο δικτυακός σύνδεσμος της πλατφόρμας είναι: https://onestopenenergy.eu/?fbclid=IwY2xjawlj3ktleHRuA2FibQlxMAABHYsGHI1-QyZfAUduo6AHC5dorzfYBs59VOvrHhTK0CuWMbl1tLf1wEyNkA_aem_JOK99xL143cusXSSAcxJ5g

ΕΠΙΧΕΙΡΗΜΑΤΙΚΟ ΜΟΝΤΕΛΟ

Τα εργαλεία και οι υπηρεσίες της ψηφιακής OSS θα είναι διαθέσιμα

- ✓ Δωρεάν

ΣΧΕΔΙΑΣΜΟΣ ΤΗΣ ΕΦΑΡΜΟΓΗΣ

Η ανάπτυξη του ψηφιακού OSS έχει προγραμματιστεί σε 3 φάσεις που θα υλοποιηθούν σε διάστημα 10 ετών.

Οι προβλεπόμενες φάσεις είναι οι ακόλουθες:

- **2025 - 2026 (στο πλαίσιο του έργου ECOEMPOWER):**
 - Κατά την αρχική φάση, το **ψηφιακό OSS** θα ξεκινήσει ως **διαδικτυακή πλατφόρμα** που θα προσφέρει συμβουλευτικές υπηρεσίες, ψηφιακά εργαλεία και πόρους για την υποστήριξη των ενεργειακών κοινοτήτων, των τοπικών αρχών και των ΜΜΕ που ενδιαφέρονται για έργα ανανεώσιμων πηγών ενέργειας και ενεργειακής απόδοσης.
- **Τα πρώτα διαθέσιμα εργαλεία και υπηρεσίες θα περιλαμβάνουν:**
 - ο Κόμβος ρυθμιστικής καθοδήγησης για τις ενεργειακές κοινότητες στην Ελλάδα
 - ο Πόροι χρηματοοικονομικών συμβουλών (ψηφιακοί οδηγοί χρηματοδότησης, κατάλογοι επιχορηγήσεων, υποδείγματα επενδυτικών μοντέλων για να βοηθήσουν τις ενεργειακές κοινότητες να εντοπίσουν χρηματοδοτικές ευκαιρίες).
 - ο Μια ψηφιακή πλατφόρμα με εκπαιδευτικό υλικό, συχνές ερωτήσεις και πρότυπα αιτήσεων
 - ο Υπηρεσίες σύζευξης μεταξύ τοπικών φορέων, επενδυτών και παρόχων τεχνολογίας
- **Το κοινό-στόχος θα είναι:**
 - ο Υφιστάμενες και αναδυόμενες Κοινότητες Ανανεώσιμων Πηγών Ενέργειας (RECs)
 - ο Δήμοι και περιφερειακές αρχές
 - ο Μικρές και μεσαίες επιχειρήσεις (ΜΜΕ) που ενδιαφέρονται για βιώσιμες ενεργειακές λύσεις

- **Βασικό ορόσημο:** που θα χρησιμεύσει ως το κύριο σημείο πρόσβασης για τους ενδιαφερόμενους φορείς, με πληροφορίες σχετικά με τις υπηρεσίες, τις ευκαιρίες χρηματοδότησης και τις κατευθυντήριες γραμμές για την υποβολή αιτήσεων.
- **Ανθρώπινο δυναμικό**
Αρχικά, το OSS θα υποστηρίζεται από μια **βασική ομάδα 3 εμπειρογνομόνων**, μεταξύ των οποίων:
 - ο **Διαχειριστής έργου** με εμπειρία στην ενεργειακή μετάβαση και την τοπική διακυβέρνηση
 - ο **Νομικός και οικονομικός σύμβουλος** για κανονιστική συμμόρφωση και στρατηγικές χρηματοδότησης
 - ο **Τεχνικός εμπειρογνώμονας** σε θέματα ανανεώσιμων πηγών ενέργειας και ενεργειακής απόδοσης
 - ο Εάν είναι απαραίτητο, **μπορεί να προσληφθεί** πρόσθετο προσωπικό ανάλογα με τη ζήτηση.
- **Χρηματοδότηση**
Η αρχική χρηματοδότηση για το OSS θα προέλθει από το **έργο ECOEMPOWER**.
Πρόσθετη χρηματοδότηση θα αναζητηθεί από:
 - ο **της ΕΕ και εθνικές**
 - ο **του ιδιωτικού τομέα**
- **2027 - 2030**

Αυτή η φάση θα ενισχύσει τις δυνατότητες του OSS με την ενσωμάτωση προηγμένων ψηφιακών εργαλείων και την επέκταση του φάσματος των υπηρεσιών που είναι διαθέσιμες στις ενεργειακές κοινότητες.

- **Δραστηριότητες & Υπηρεσίες**
Επέκταση των υπηρεσιών ώστε να περιλαμβάνουν νέα εργαλεία και διαδραστικές πλατφόρμες, όπως:
 - ο Ένα εργαλείο αυτοαξιολόγησης για τις ενεργειακές κοινότητες για την αξιολόγηση της σκοπιμότητας των έργων
 - ο Μια αγορά, μια εικονική πλατφόρμα, που συνδέει τοπικές ενεργειακές κοινότητες με παρόχους υπηρεσιών
 - ο Παροχή ψηφιακών εργαλείων για την υλοποίηση έργων
 - ο Η ΟΣΕ θα έχει ως στόχο να υποστηρίξει τουλάχιστον 15 ενεργειακές κοινότητες στην Κεντρική Ελλάδα έως το 2030.
 - ο Θα διερευνηθούν πρόσθετες συμπράξεις δημόσιου και ιδιωτικού τομέα για να εξασφαλιστεί η ανάπτυξη.
- **Ανθρώπινο δυναμικό**
Η ομάδα υποστήριξης θα επεκταθεί σε 5 εμπειρογνώμονες, οι οποίοι θα καλύπτουν:
 - ο Ειδικό σε θέματα πολιτικής και κανονιστικών ρυθμίσεων
 - ο Ειδικό πληροφορικής για τη συντήρηση της πλατφόρμας
- **Χρηματοδότηση**
Η OSS θα αναζητήσει μακροπρόθεσμες πηγές χρηματοδότησης, όπως:
 - ο Εθνικές και περιφερειακές επιδοτήσεις
 - ο Επενδύσεις του ιδιωτικού τομέα
 - ο Χρηματοδοτούμενα από την ΕΕ έργα έρευνας και καινοτομίας
- **2030 - 2035**
Μέχρι τη φάση αυτή, το ψηφιακό ΟΣΣ σχεδιάζεται να είναι πλήρως ανεπτυγμένη και αυτοσυντηρούμενη διαδικτυακή πλατφόρμα, προσφέροντας ψηφιακά εργαλεία σχεδιασμού, τυποποιημένα νομικά πλαίσια και ευκαιρίες εθνικής συνεργασίας.
- **Δραστηριότητες & Υπηρεσίες**

Σε αυτό το στάδιο, το OSS θα γίνει μια πλήρως λειτουργική, αυτοσυντηρούμενη οντότητα που θα προσφέρει:

- ο Προηγμένα εργαλεία ενεργειακού σχεδιασμού και προσομοίωσης
- ο Νομικά πρότυπα & τυποποιημένες συμβάσεις για ενεργειακές κοινότητες
- ο Προγράμματα κατάρτισης και πιστοποίησης για τοπικούς επαγγελματίες της ενέργειας
- ο Πιθανή επέκταση σε εθνικό δίκτυο, με ενσωμάτωση βέλτιστων πρακτικών από άλλα μοντέλα OSS.
- **Ανθρώπινο δυναμικό**
Μια σταθερή ομάδα εμπειρογνομόνων, που περιλαμβάνει:
 - ο Ειδικό στις αναδυόμενες ενεργειακές τεχνολογίες
 - ο Ειδικό διαχειριστές χρηματοδότησης και επιχειρηματικής ανάπτυξης
 - ο Ειδικό σε θέματα διαδικτυακής κοινότητας και εμπλοκής ενδιαφερομένων μερών
- **Χρηματοδότηση**
 - ο Ετήσια εκτίμηση του προϋπολογισμού: με βάση τις προηγούμενες φάσεις.
 - ο Επικεντρωθείτε στην εξασφάλιση:
 - Μακροπρόθεσμη θεσμική χρηματοδότηση (σε περιφερειακό/εθνικό επίπεδο/ΕΕ)
 - Εμπορικές συμπράξεις με ενδιαφερόμενους φορείς του κλάδου

Κατάλογος συντομογραφιών

DSO: Διαχειριστής Υπηρεσιών Διανομής

OSS: Υπηρεσία μιας στάσης

PV: Φωτοβολταϊκά

REC: Κοινότητα Ανανεώσιμων Πηγών Ενέργειας

RES: Ανανεώσιμες Πηγές Ενέργειας

MME: Μικρές και μεσαίες επιχειρήσεις

ΠΑΡΑΡΤΗΜΑ : ΚΑΤΑΛΟΓΟΣ ΤΩΝ ΕΝΔΙΑΦΕΡΟΜΕΝΩΝ ΜΕΡΩΝ

COUNTRY	ECOEMPOWER PART	STAKEHOLDER NAME	TYPE
ITALY	PAT	FEDERAZIONE TRENTINA DELLE COOPERATIVE (regional federation of cooperatives)	other company
ITALY	PAT	CONSORZIO DEI COMUNI TARENTINI (lobby of municipalities)	other
ITALY	PAT	ENEA	energy agency
ITALY	PAT	4 CONSORZI BIM (4 association of municipalities aggregated by hydrographic)	public body
GERMANY	eza!	MUNICIPALITIES (147 in the Allgäu region) + COUNTIES + BAVARIAN MUNICIPALITIES	public body
GERMANY	eza!	Mayor of Scheidegg	public body
GERMANY	eza!	Bavarian Municipal Congress Lindau	public body
GERMANY	eza!	Climate Protection Manager District of Oberallgäu	public body
GERMANY	eza!	Climate Protection Manager District of Lindau	public body
GERMANY	eza!	Climate protection manager district Ostallgäu	public body
GERMANY	eza!	Bavarian Community Day Oberallgäu	public body
GERMANY	eza!	Climate Protection Manager City of Kempten	public body
GERMANY	eza!	Allgäu GmbH	other
AUSTRIA	eza!	Elektrizitätswerke Reutte	DSO
AUSTRIA	eza!	Vorarlberger Kraftwerke AG	DSO
GERMANY	eza!	Lechwerke AG (LEW)	DSO
ITALY	PAT	Municipalities	Public bodies
ITALY	PAT	SET distribuzione	DSO
ITALY	PAT	CEDIS	DSO
ITALY	PAT	CEIS	DSO
ITALY	PAT	CEP	DSO
ITALY	PAT	ACSM	DSO
ITALY	PAT	Existing EC in Trentino	energy community
ITALY	PAT	CONFINDUSTRIA TRENTO (lobby of enterprises)	other company
ITALY	PAT	ASSOCIAZIONE ARTIGIANI DEL TRENTO (lobby of enterprises)	other company
ITALY	PAT	CASSA CENTRALE BANCA (bank group)	bank
Italy	FBK	RSE	public body
Italy	PAT	Associazione professionisti per le CER	
Italy	FBK	COMMUNITAS	other
Italy	PAT	CARITRO	other
GERMANY	eza!	Klima3 Energieagentur STA, FFB, LL	energy agency
GERMANY	eza!	Energieagentur Nordbayern	energy agency
GERMANY	eza!	Energieagentur Südostbayern	energy agency
GERMANY	eza!	Energieagentur Regensburg	energy agency
Germany	BAUM	Easy Smart Grid GmbH	other
France	Asso CV	Centrales Villageoises du Haut Dauphiné	energy community (established)
France	Asso CV	Centrales Villageoises Taute Vire Bocage	energy community (established)
France	Asso CV	Centrales Villageoises du Pays Derois	energy community (established)
France	Asso CV	Centrales Villageoises Solely Brequin	energy community (established)
France	Asso CV	Centrales Villageoises Soleil Beaujolais	energy community (established)
France	Asso CV	Centrales Villageoises Averno Durable	energy community (established)
France	Asso CV	Centrales Villageoises Beewawt	energy community (established)
France	Asso CV	Centrales Villageoises Energies Tarines	energy community (established)
Germany	eza!	Energie am Kaufering	public body
Germany	eza!	P2M	engineering company
Germany	eza!	Gemeinde Windach	public body
Germany	eza!	LKR Kulmbach	public body
Germany	eza!	EPNV GmbH	engineering company
Germany	eza!	Energie am Donauwörth	public body
Germany	eza!	Gemeinde Opfenbach	public body
Germany	eza!	Energieagentur Nordbayern	energy agency
Germany	eza!	Müller Group	other
Italy	FBK	EC4RURAL	other
Italy	FBK	DISCOVER	other
Italy	FBK	ENCOMHUB	other
Greece	ROCG	Municipality of Domokos	other
Greece	ROCG	SOCIAL WELFARE CENTER OF REGION OF CENTRAL GREECE	other
Greece	ROCG	Municipality of Amfikleia	other
Italy	FBK	POWERYOUTH	other
Germany	BAUM	Gemeinde Fuchstal	other
Germany	BAUM	Es-geht! Energiesysteme	other
Germany	BAUM	Stadtwerk Haßfurt	other
Germany	BAUM	Stadtwerke Wunsiedel	other