

D.2.1 Report on existing CEP support



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D2.1. REPORT ON EXISTING CEP SUPPORTING INITIATIVES

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List of Abbreviation and Acronym

Abbreviation	Meaning
CEP	Community Energy Projects
RED II	Renewable Energy Directive
EMD	Energy Market Directive
S.I.	Supporting initiatives

1 Introduction: DISCOVER Project

1.1 Overview

DISCOVER is an innovative LIFE project with the strategic aim to support the transition to a renewable energy-driven society. By fostering Community Energy Projects (CEPs), DISCOVER will empower stakeholders and citizens and mobilize significant investments in renewable energy generation in pilot regions across Europe. DISCOVER will catalyse the launch of CEPs in 5 diverse European regions respectively in Austria, Bulgaria, Croatia, France and Italy. Local hubs will be set up to pilot innovative support mechanisms for CEPs. The hubs will deliver guidance and practical services on the technical, economic, financial and legal aspects and will help connecting CEPs to local service and technology providers. The services will cover all developmental stages of CEPs, accompanying them throughout their entire lifecycle.

Taking into account the diverse socio-geographical-legislative and market maturity levels across these 5 pilot regions, DISCOVER will follow a regionally specific approach with four local service hubs. On top of that, an interactive online tool will be designed to provide extensive support to local communities embarking on Renewable Energy Projects.

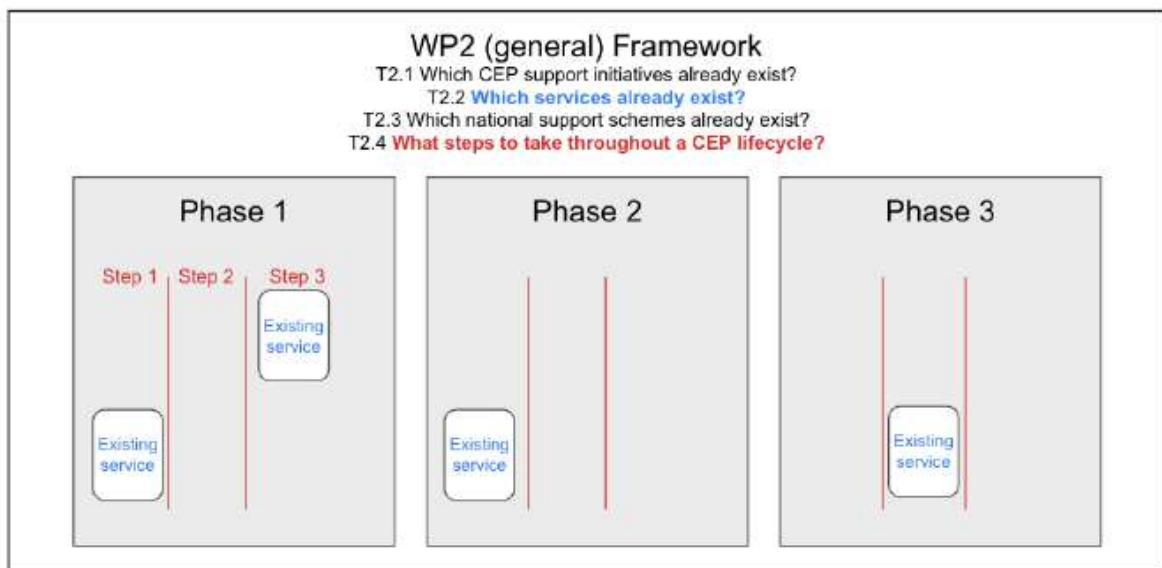
DISCOVER aims to simplify decision-making processes and reduce operational barriers by connecting projects with local service/technology providers and relevant authorities.

During the 3 year timeframe (2023 – 2026), DISCOVER is expected to reach more than 20,000 citizens, support 20 new initiatives (focusing on community PV installation), and trigger a total investment of more than 7.7 million of euros. The project will promote and facilitate the recreation of future service hubs in other regions to ensure replication across other European regions.

The DISCOVER consortium stands as a collaborative force spanning over five European countries, each committed to driving the vision of CEPs within their respective region. The consortium comprises active national / regional leaders in the CEP initiatives, well-connected to citizens, local authorities, and stakeholders.

1.2 “WP2 – Setup of Community Energy Project framework/ guidebook” activities

Work package 2 lays the foundation of the DISCOVER project, which starts with desktop research focusing on existing support initiatives and services addressing CEPs. As the outcome of this research the potential for synergies with existing initiatives is evaluated to make best use of existing support services and schemes. Furthermore, as the basis for the WP3 (Preparation phase of CEP services) & WP4 (Implementation of support services in service hubs/OSS in pilot region), the CEP framework/guidebook is elaborated. It is a step-by-step manual for realizing a CEP. It will be used by the service hubs in each pilot region and bundles all support services. The guidebook outlines the life-cycle of a CEP and describes all the steps required to realize a CEP. The guidebook links each step to existing support services.



2 Overview of the document

The present report was prepared as part of Work Package 2 (WP2), Task 2.1. “Evaluation of existing CEP supporting initiatives”. The aim of this task is to advance collaboration with existing EU initiatives and national initiatives. It involves evaluating whether the initiatives (or parts thereof) are relevant and applicable to the DISCOVER project.

A CEP supporting initiative (CEP s.i.) encompass publicly funded projects as well as other efforts with the goal to support CEPs. The task 2.1 provides a unified analytical format for the collection and summary of comprehensive information about relevant projects in Europe and partners Countries. The results of the report form the basis for the search for existing services (Task 2.2) that are useful for DISCOVER. These services are to be included in the general guidebook and then used by the four One Stop Shops (OSSs) in each pilot region. This report includes the results of an internet search utilizing standardized forms to capture key information.

A catalogue of relevant supporting initiatives was compiled (Annex 1) which includes 18 CEP initiatives at the EU level and 45 at the national level. A quantitative analysis of all support initiatives as well as conclusions relevant for DISCOVER are provided.

Projects funded under the LIFE-CET call are of particular interest for collaboration. However, since these projects have only recently been initiated, there is insufficient information available, and thus, they have not been included in this report.

2.1 Structure of the document

The following part of the document is structured in five main parts:

1. Background
2. Methodology
3. Quantitative analysis
4. Main findings
5. Conclusions and next steps

The factsheets of the initiatives are included in Annex 1. Further, the main findings for each Country in National language are part of Annex2.

3 Background

A Community Energy Project is an energy initiative that caters to a community's needs. It involves individuals within a community coming together to address energy-related issues, such as accessing energy resources, addressing specific energy challenges, or exploring alternative sources of electricity.

Community energy projects encompass a wide range of initiatives, including collective investments in solar panels, citizen-led renovations, e-mobility projects, district heating systems, and more. Essentially, any energy project that is led by a community or results in benefits for a community falls under the umbrella of CEP.

The DISCOVER project primarily focuses on photovoltaic (PV) installation, and the selected initiatives are primarily oriented towards this focus. Community Energy Projects (CEPs) that emphasize photovoltaic (PV) installations frequently lead to the formation of an energy community.

Renewable energy community projects play a vital role in achieving the EU's energy transition goals. In a market dominated by established large companies, energy communities serve to empower citizens to participate and trade electricity among themselves. This allows them to gain partial independence from traditional energy providers. The anticipated result is significant private investments in decentralized power generation and reduction of peak loads on the power grid.

The Clean energy for all Europeans package, adopted in 2019, introduced the concept of energy communities in the European legislation, notably as citizen energy communities and renewable energy communities. More specifically, the Directive (EU) 2019/944 on common rules for the internal electricity market (EMD) aims at supporting the uptake of energy communities. It introduced new rules to enable active consumer participation, individually or through citizen energy communities, in all markets, by generating, consuming, sharing or selling electricity, or by providing flexibility services through demand-response and storage. In addition, the revised Renewable energy directive 2018/2001 (RED II) has strengthened the role of renewables self-consumers and renewable energy communities. EU Countries should enable this through available support schemes, ensuring that energy communities can participate on equal footing with conventional players on the energy market.

4 Methodology

To facilitate the gathering of information about Community Energy Project support initiatives and enable easy comparisons among them, AGENA has developed a user-friendly form. This Excel sheet enables DISCOVER partners to input information in a standardized manner, while also providing space for a specific description of the initiative and its main outputs.

The collection of the initiatives foresees two phases, the preliminary assessment (scoping) and the comprehensive analysis.

4.1 Preliminary Assessment

During the preliminary assessment, the primary objective is to qualitatively assess the potential synergies of an initiative with DISCOVER. These synergies are categorized as follows:

- communication and dissemination
- training
- services
- funding

It was determined if the support initiative’s achievements (i.e. tools, guidance materials and technical documents, training materials, etc.) can be used directly, or if the outcomes require further adjustments in order to be used in the DISCOVER project.

To quantify the potential for synergies of a support initiative, we introduce the following point system: each of the four synergy categories is evaluated, and for every synergy identified, the initiative scores one point. Additional points are awarded based on the usability of the initiative's outcomes for DISCOVER (one point is assigned).

CEP S.I. name:	Example of CEP s.i.						
Website:	www.exampleCEPsi.com						
Potential for:	1. synergies with DISCOVER?						3
C&D	YES	Training	YES	Services	NO	Funding	YES
	2. building on existing achievements for DISCOVER? (Y/N)						0
	3. using existing achievements for DISCOVER? (Y/N)						1
Notes:	This website is really userfriendly!						4

4.2 Comprehensive Evaluation

The information collected during the second phase, aims to establish synergies with existing support initiatives, catalyse an exchange and benefit from others’ achievements and lessons learnt. Similar to the first phase, all project partners were provided with a standardized form for their detailed research. The form, though comprehensive in allowing for detailed descriptions of the support initiatives under investigation, was user-friendly and featured multiple dropdown menus. This standardized survey allowed to benchmark a broad spectrum of initiatives.

The information to be gathered throughout the research include:

- Name of the initiative (specify a short descriptive title for the initiative)
- Description of the initiative (Specify the nature of the initiative, its scope and any information which could provide a relatively good understanding of the initiative)
- Level of the initiative (Specify the origin of the initiative within a drop-down menu: European, National, Regional, Provincial, Municipal)

- Geographic coverage (Select the most relevant area for the initiative from the following: Municipal, Provincial, Regional, National, Inter Member States, EU-wide, Worldwide)
- Countries involved (Select the Countries involved from the list of EU Countries (multiple selection possible))
- Delivery organisation (Specify the body responsible for the initiative (multiple selection possible) from the following: Public, private, third sector, local energy agency, other to be specified)
- Key area of the delivery organisation (Select the most relevant key areas of intervention for the delivery organisation of the initiative (multiple selection possible) from the following: technical, financial, legislative, social, administrative, all areas)
- Targeted technical types of CEPs (Select the types of CEPs addressed by the initiatives (multiple selection possible) from the following: PV/solar project, Biomass, Hydro, Wind, Energy efficiency, Transport, All types of CEPs)
- Target groups (Select all the relevant stakeholders to whom the initiative is addressed (multiple selection possible) from the following: citizens and civil society, energy communities, public authorities and governments, policy makers, local businesses, all the target groups, other to be specified)
- Objectives of the initiative (Select the most relevant objectives of the initiative (multiple selection possible) from the following: Information to the public, data collection and analysis, technical assistance, financial assistance, legal assistance, administrative assistance, best practices, tools, development of synergies, all the objectives)
- Language (Select the language in which the initiative is provided from the following list: English, Italian, French, German, Croatian, Bulgarian, English and other languages (multiple selection possible))
- Potential synergies (This part derives automatically from the survey phase and points out the synergies in terms of “Communication and dissemination”, “training”, “services”, “funding”, “building on existing achievements”, “using existing achievements”)

- Main outputs relevant for DISCOVER (Specify the main outputs of the initiative which could provide useful “material” for DISCOVER)
- Main funding sources (Select the source(s) of funding from the following: EU programmes and facilities, National and local funding, fees from users, private funds, not defined, other to be specified)
- Timeframe (Select the year when the initiative started/is planned to start and the year when it ended/is planned to end according to the dropdown menu: not defined, 2020 or earlier, 2021, 2022, 2023, 2024, 2025, 2026, 2027 or later)
- Current status (Select whether the initiative is approved but not implemented, ongoing implementation, fully operational, to be updated, ended)
- Website (Provide a link with further information resources related to the initiative, if any)
- Contacts (Provide contact of the person in charge of the initiative, if any)

4.3 Search phase

The search was conducted through desktop analysis, involving existing EU projects relevant to the topic, as well as country specific initiatives. This includes the two initiatives launched by the EU Commission namely “Energy Communities Repository” and “Rural Energy Community Advisory hub” along with some Life sister projects (already in an implementation phase), sharing similar goals with DISCOVER. The potential to form synergies is particularly large in the case of sister projects.

All DISCOVER partners collaborated in the research with the following responsibilities: AISFOR was in charge of collecting initiatives (minimum 10, maximum 20) **across Europe**, whereas AGENA, APC, IESDI, PIXEL and WB collected **country specific** initiatives (minimum 5, maximum 10) and they covered respectively Italian, French, Bulgarian, Austrian and Croatian territories.

In addition to country-specific initiatives, IESDI also needed to include some European projects such as Up-stairs, Power – E – Com, and Replace, in which Bulgaria is involved. This was necessary due to the limited number of relevant country specific initiatives. PIXEL as well has included the EU initiative “Prospect +” in its selection because it’s considered very useful at Austrian level.

APC has focused on national and local initiatives that are relevant to Paris City, excluding initiatives specific to rural areas or other cities.

The research contributions from all partners, are summarised and analysed in the following chapters of this report.

5 Quantitative analysis

The mapping of CEP supporting initiatives encompass a range of factors, including the characteristics of each energy community project. Through gathering this information, project partners can gain insights into the diversity and potential of support initiatives within their territory. The process should identify gaps and areas for expansion within the energy community landscape. After identifying the existing initiatives, project partners can actively engage with existing initiatives within their pilot region to leverage the outputs relevant for DISCOVER.

In total, 18 support initiatives at EU level (only AISFOR initiatives are considered in this amount) have been identified plus 45 Country specific initiatives. The catalogue of initiatives is included as Annex 1.

In some case, the initiatives coincide with the organisation. This is the case for example of Regea (the regional energy agency and knowledge centre which provides innovative solutions in the energy and environmental sector) or REA Kvarner (a regional energy agency whose task is to establish a unique organizational and institutional framework for a more rational use of existing energy resources and to encourage the production of energy from renewable and alternative sources) in Croatia. Another example, based in France, is ADEME (the French national energy agency, aiming at the environmental transition of society, taking part in environmental policies, raising awareness of the general public, bringing advice and financial support to local projects, and working with researchers and universities). That's because these energy agencies have the institutional role to support among others the implementation of REC through communication and dissemination, participation in European projects, licensing roles, funding and financing, and/or technical and administrative support.

One of the roles that energy agencies take up is the facilitation of information exchanges and conversations among various stakeholders, including authorities, grid operators and citizens. The objective of their activity is to help creating an understanding among relevant stakeholders of the barriers pertaining to energy communities and find solutions to overcome them.

The following evaluation is based on the research carried out by the consortium. The templates used for the research, include a fill-out table with several fields and drop downs selectors. This structure allows to quantify and compare the results.

The data and information have been summarised according to certain relevant specifics included in the template. Firstly, an overall evaluation has been carried out of the 63 initiatives and then they have been compared at a single Country level to better highlight the similarities / differences on a single and overall level.

5.1 Potential synergies

Synergies among projects can generate a wide range of opportunities for DISCOVER in terms of lessons learned applied to it, leading to improved performance over time and avoided replication of contents. Synergies can also lead to the development of new and innovative services by bringing together diverse perspectives and expertise. Besides, leveraging synergies among projects can better disseminate the results.

The following dimensions for synergies were identified: “communication and dissemination”, “training”, “services” and “funding”. Moreover, for each support initiative investigated, one had to determine if:

- you can directly use the achievements of the initiative for DISCOVER
- you need to integrate/fine tune/ adapt these achievements for DISCOVER purpose

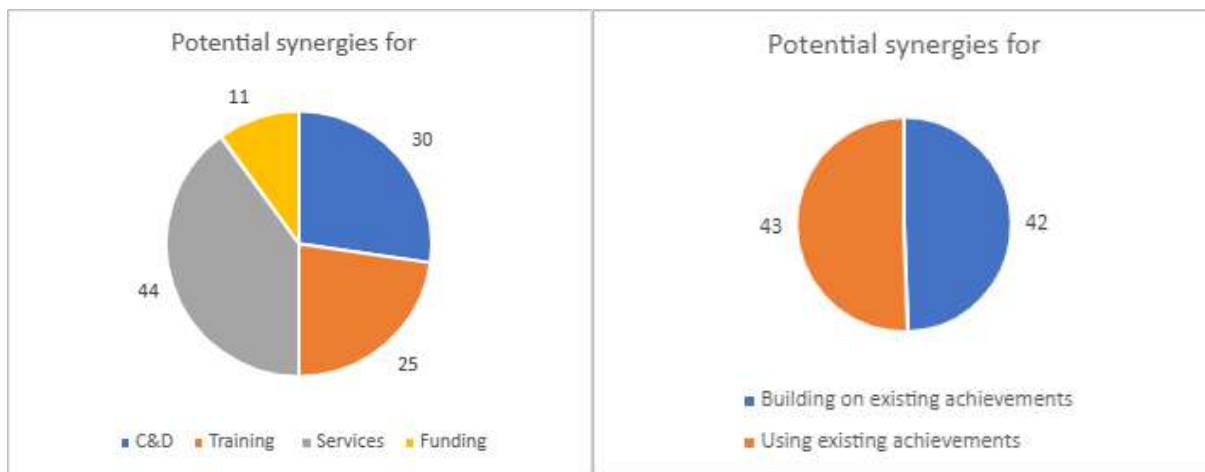
Overall, the graph shows that, at global level, the biggest potential for synergies was found for "services" with 44 qualifying support initiatives (out of 63), followed by “communication and dissemination” (30) and “training” (25). Most of them can have synergies for “building on existing achievements” (42) or "using existing achievements" (43).

At European level, the potential synergies cover services (i.e. CEES, Sun4All, Comanage), followed by training (i.e. Comanage, Beckon, EC4rural, Power- e-com) and communication and dissemination (i.e. Ecoempower, COMET, Rural Energy Community Advisory Hub). Moreover, many initiatives are considered relevant for the use of the main achieved results or as a starting point for building additional outcomes.

Potential synergies for	EU	ITALY	FRANCE	BULGARIA	AUSTRIA	CROATIA	TOTAL
C&D	5	7	8	1	0	9	30
Training	7	3	3	7	1	4	25
Services	16	4	5	7	7	5	44
Funding	2	4	3	0	1	1	11
Building on existing achievements	7	7	4	7	7	10	42
Using existing achievements	15	2	8	7	2	9	43

At National level, in the Italian scenario synergies mainly concern communication and dissemination, services and funding, whilst the initiatives can be considered to be a support for new achievements. In France and Croatia, synergies in terms of communication and dissemination and services can

mainly be implemented. There is also the possibility to exploit the achieved results from the selected initiatives. In Bulgaria, the main synergies are related to training and services, while in Austria they regard services.



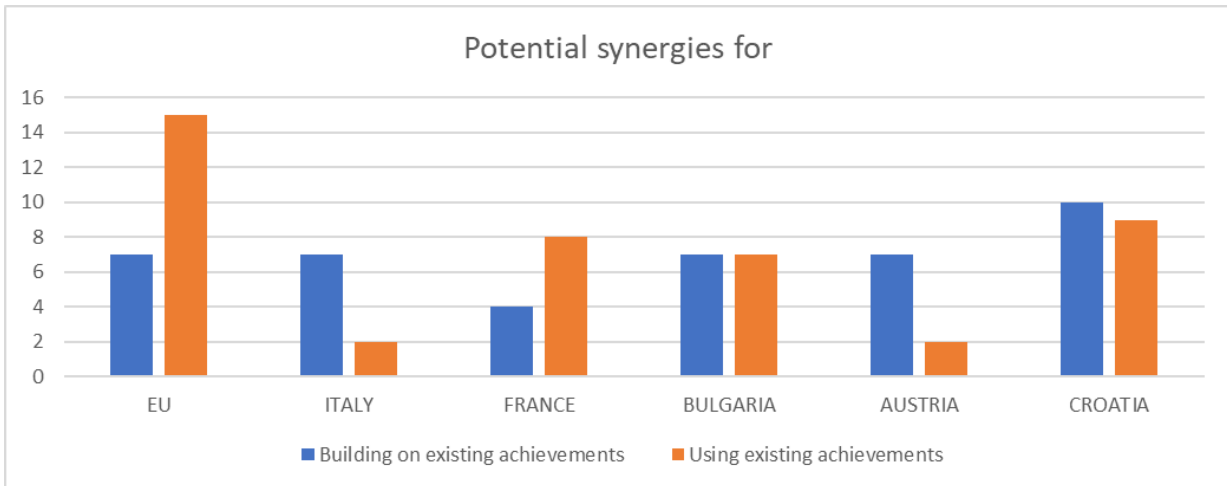
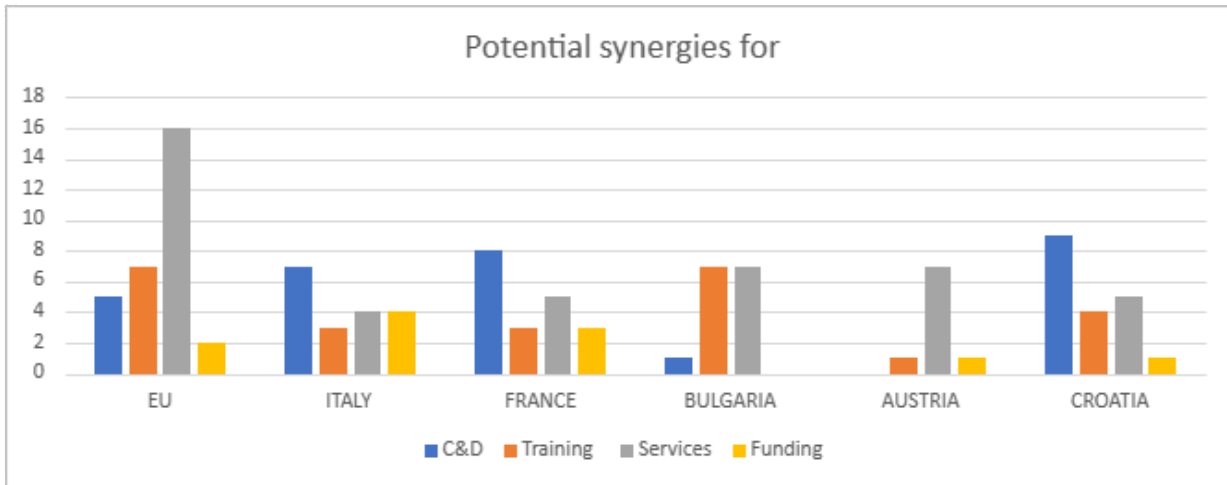


Fig. 1 – Potential synergies of the CEP supporting initiatives at global and national level

5.2 Level of the initiative

The level of the initiative indicates the origin of the initiative (European, National, Regional, Provincial, Municipal).

Overall, the graph shows that 40% of the initiatives are European, followed by National (38%) and by municipal ones (13%).

At National level, in Italy, in France and in Austria the initiatives are mainly national wide. In Bulgaria, most of the initiatives are linked to European projects, whereas in Croatia the initiatives are primarily municipal wide.

Level of the initiative	EU	ITALY	FRANCE	BULGARIA	AUSTRIA	CROATIA	TOTAL
European	18	0	0	4	2	1	25
National	0	8	5	1	8	2	24
Regional	0	2	1	0	0	1	4
Provincial	0	0	1	0	0	1	2
Municipal	0	0	1	2	0	5	8

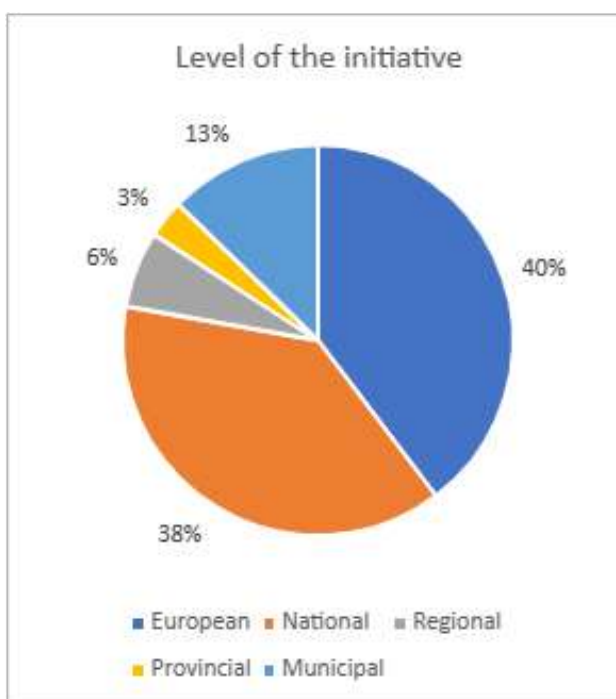


Fig. 2 – Level of the initiative of the CEP supporting initiatives at global and National level

5.3 Geographic coverage

The geographic coverage describes the area that is covered by the supporting initiatives. Concerning the geographic coverage, the collected initiatives have mainly an EU dimension (35% of the initiatives), followed by national (29%) and regional (17%) coverage. At national level, in Italy and France, national initiatives are predominant. As For Austria, regional level initiatives are the most important, whereas in Bulgaria and Croatia they are predominantly at municipal level.

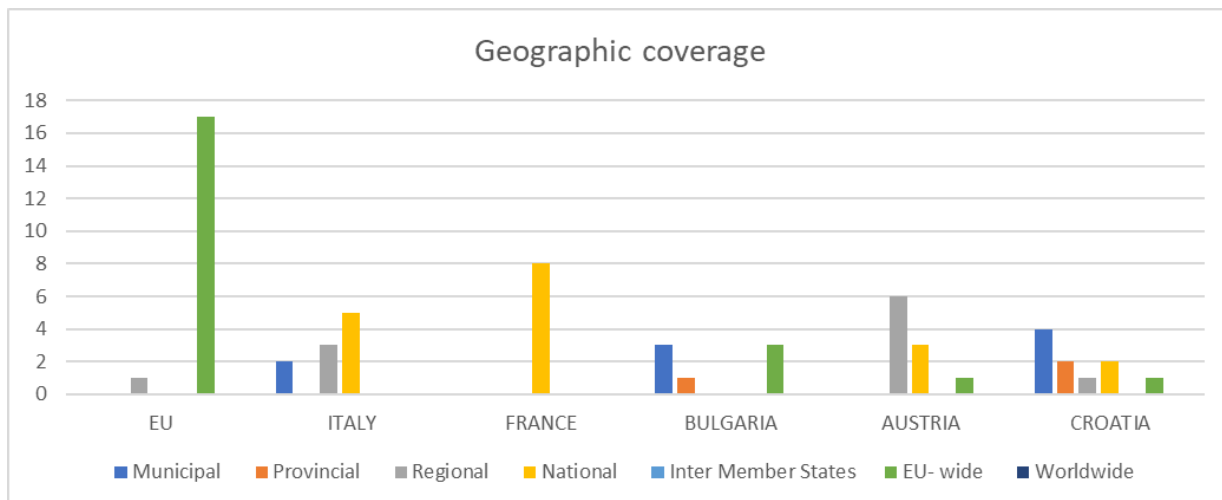
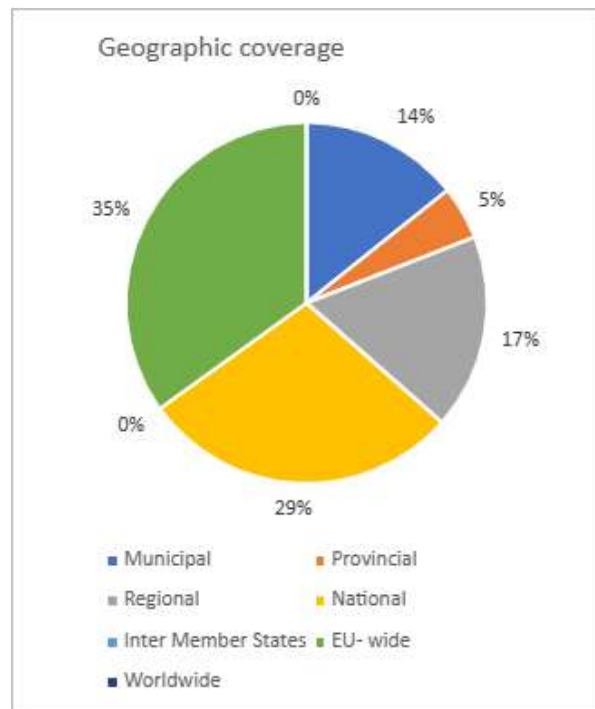


Fig. 3 - Geographic coverage of the CEP supporting initiatives at global and National level

5.4 Countries involved

The following graph represents the 9 most involved Countries in the selected CEPs initiatives. At European level, the 2 initiatives that cover all the European territory are promoted by the European Commission and are the Energy Community Repository and the Rural Energy Community Advisory hub. The most represented Countries, beyond the project partners Countries, are Belgium, Spain, Ireland, Portugal.

In countries such as Belgium and Ireland, citizen led energy projects emerged before the concept of energy communities had been introduced in the European law. They have a longer history in CEPs so their participation in the initiatives is important as they can mentor the other countries.

On the other hand, in Spain and Portugal the legislative framework is not enough developed to fully support the set-up of energy communities, this is why they take inspiration from best experiences.

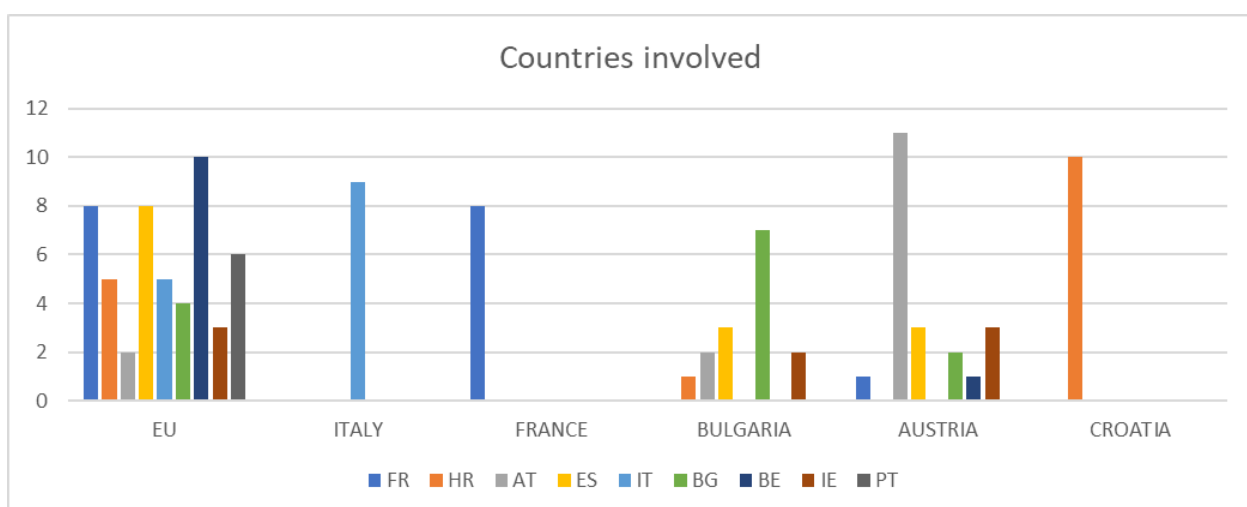
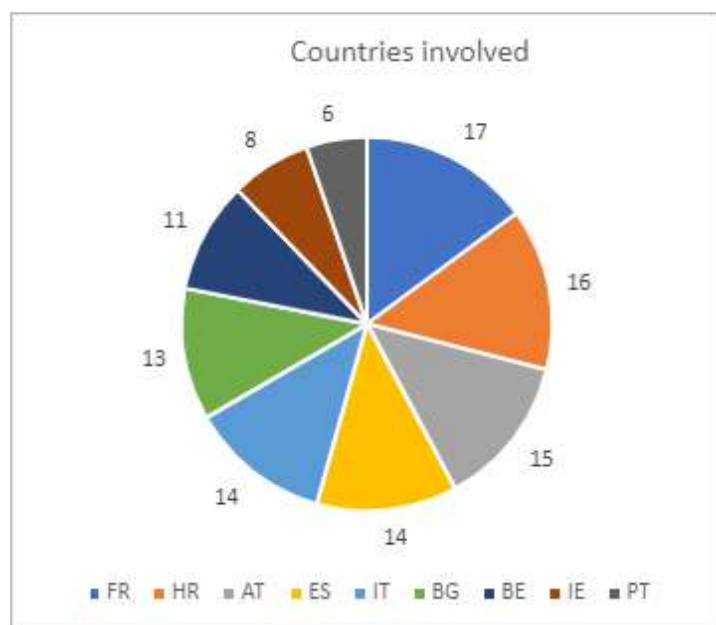
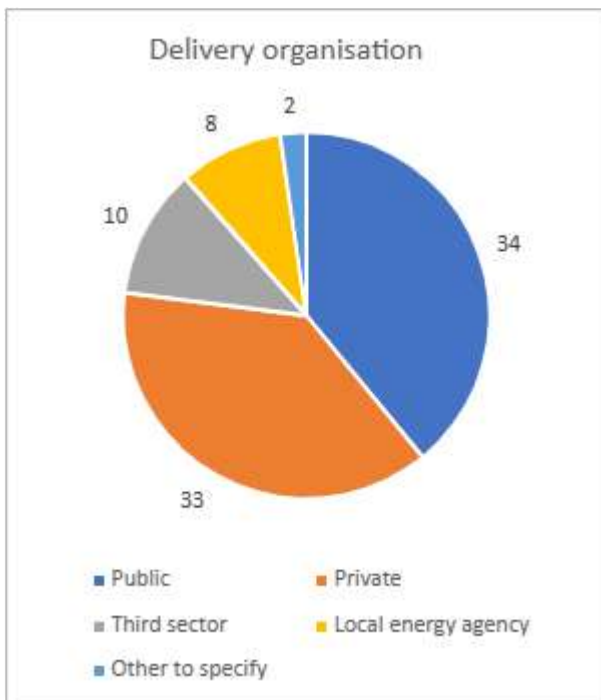


Fig. 4 – Main Countries involved in the CEP supporting initiatives at global and Country level

5.5 Delivery organisation

The delivery organisation specifies the body/bodies responsible for the initiative. It is possible to have multiple selection, as this kind of initiative is challenging, time demanding and requires the collaboration and coordination between different organisations. Overall, the graph highlights that the delivery organisations are mainly public (34 out of 63 CEP s.i.) and private (33). At Country level, in Italy and Austria the delivery organisations are mainly private and public, in France they are mainly related to the third sector, in Bulgaria are mainly public and in Croatia are mainly private.



Except for Italy, in the other Countries local energy agencies are involved in the delivery of the selected initiatives, because they have been active in local energy policy for long time and their knowledge and expertise is very useful to give wide-ranging advice on all energy topics as well as useful technical assistance.

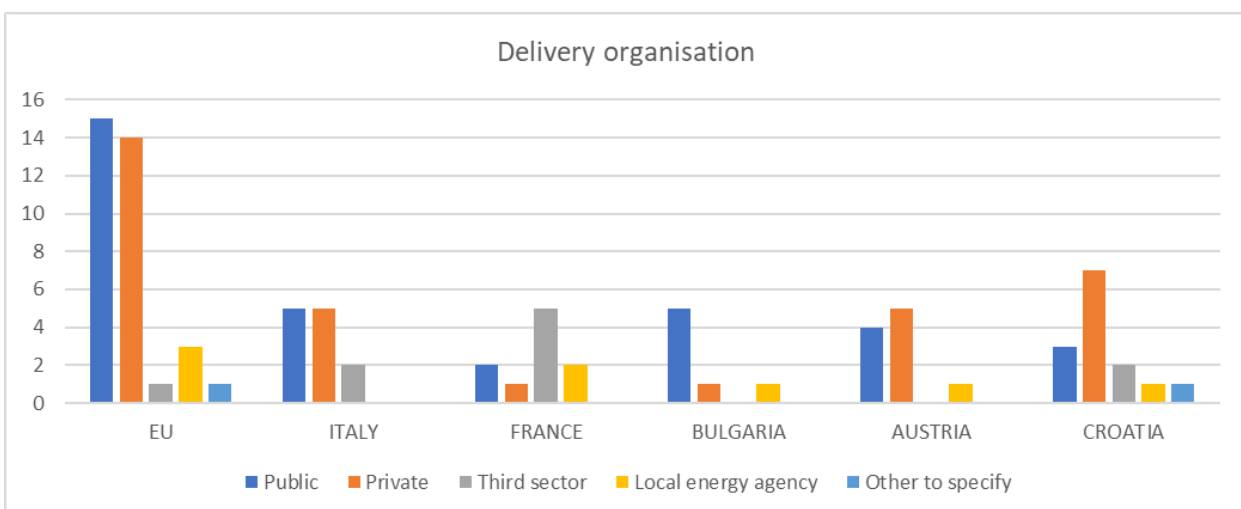


Fig. 5 – Delivery organisation in the CEP supporting initiatives at global and National level

5.6 Key areas of the delivery organisation

The graph shows that the key areas of the delivery organisation are mainly technical (25), administrative (19) and financial (18).

14 of CEP s.i. organisations cover all the areas. That means that a dedicated structure has been created staffed with trained professionals in key areas such as technical, financial, legislative and social ones. In particular, that happens at European level, where 6 out of 18 initiatives have this feature (i.e. Comanage, Loop, BECKON, Ecoempower, EC4rural, COMET).

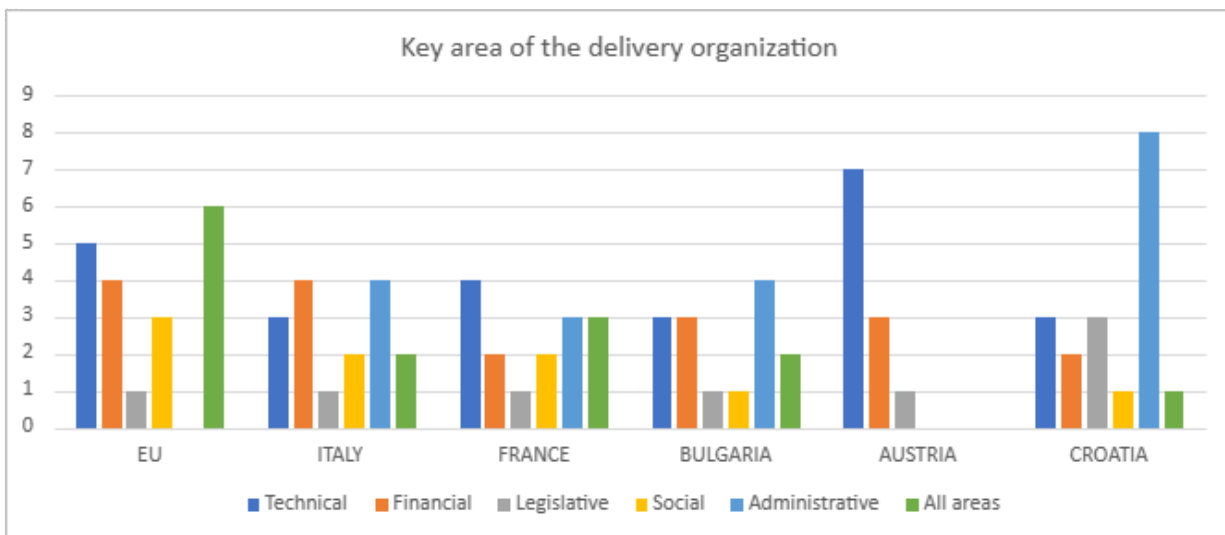
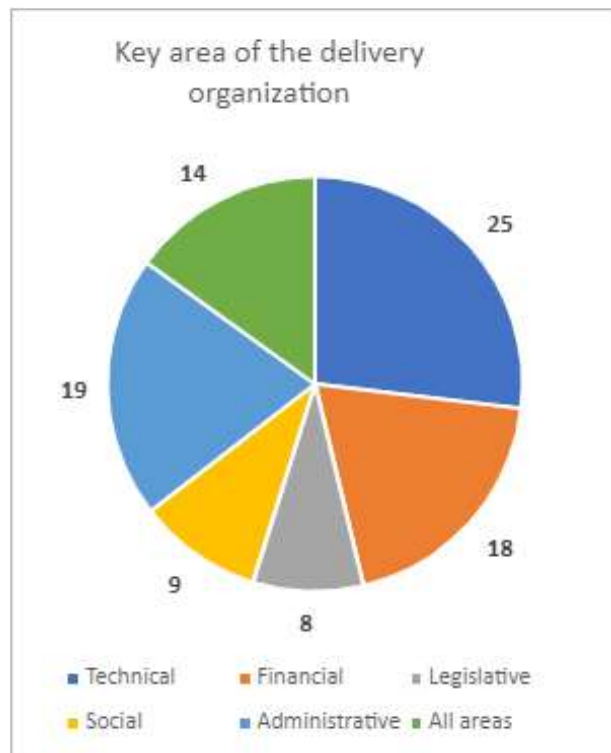


Fig. 6 – Key area of the delivery organisation of the CEP supporting initiatives at global and National level

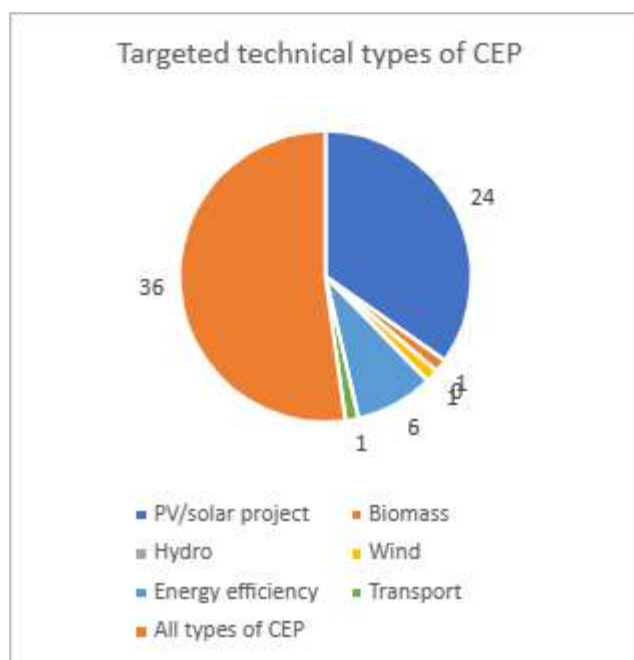
Key area of the delivery organization	EU	ITALY	FRANCE	BULGARIA	AUSTRIA	CROATIA	TOTAL
Technical	5	3	4	3	7	3	25
Financial	4	4	2	3	3	2	18
Legislative	1	1	1	1	1	3	8
Social	3	2	2	1	0	1	9
Administrative	0	4	3	4	0	8	19
All areas	6	2	3	2	0	1	14

At national level, for Italy the key area of the delivery organisation is mainly administrative and financial; for France and Austria the majority of organisations is expert in technical issues while for Bulgaria and Croatia in administrative matters.

These indications might reflect the main barriers that each Country is facing. Austria and France, that are in a more advanced phase, are concentrated on more practical aspects concerning the technical running. Italy, Bulgaria and Croatia are still facing difficulties in the regulatory frameworks and administrative obstacles in complying with regulations challenges related to the typology of legal entity, their business models and hedging strategies.

5.7 Targeted technical types of CEPs

Out of the 63 CEP supporting initiatives analysed, 36 cases target all types of CEPs, followed by PV/ solar projects (24) and energy efficiency (6). At Country level, in Italy and in Austria the supporting initiatives are mainly addressed to all types of CEPs and PV/ solar projects. In France there are some examples on biomass (i.e. ASDER) and wind (i.e. Energie Partagée) supporting CEPs. In Bulgaria 5 out of 7 initiatives focus on PV/solar projects. In Croatia the



majority of supporting initiatives targets are PV/solar projects, followed by “all type of CEPs” and energy efficiency.

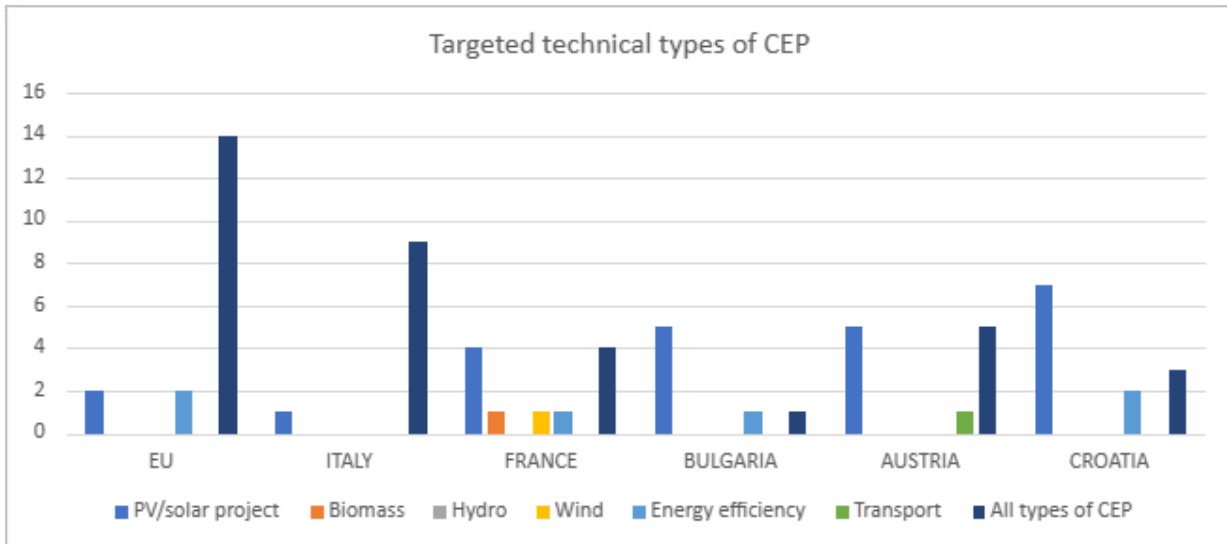


Fig. 7 – Targeted technical types of the CEP supporting initiatives at global and National level

5.8 Target groups

In relation to the target groups, the assessment shows that the initiatives are towards citizens and civil society (41), followed by energy communities (27) and public authorities and governments (23). 5 of the supporting initiatives cover all the target groups.

At Country level, in Italy the selected initiatives are above all dedicated to public authorities and governments. This is probably due to the crucial role public authorities have in the development of CEPs, as they are involved in the establishment of a specific legislative framework, in the facilitation of the creation and growth of CEPs.

Target groups	EU	ITALY	FRANCE	BULGARIA	AUSTRIA	CROATIA	TOTAL
Citizens and civil society	10	6	4	7	4	10	41
Energy communities	10	4	3	1	7	3	28
Public authorities and governments	0	9	3	4	1	6	23
Policymakers	4	1	1	2	0	4	12
Local businesses	2	4	3	2	0	1	12
All the target groups	1	1	2	0	0	0	4
Other to specify	0	1	0	0	0	0	1

In fact, these actors have the role of creating incentive and financing tools that can contribute to the creation of a favourable environment for the deployment of CEPs. Moreover, public authorities and governments can help provide information and training to stakeholders about community energy projects, highlighting the benefits that these initiatives provide by increasing awareness on sustainability, energy efficiency and transition and emissions reduction.

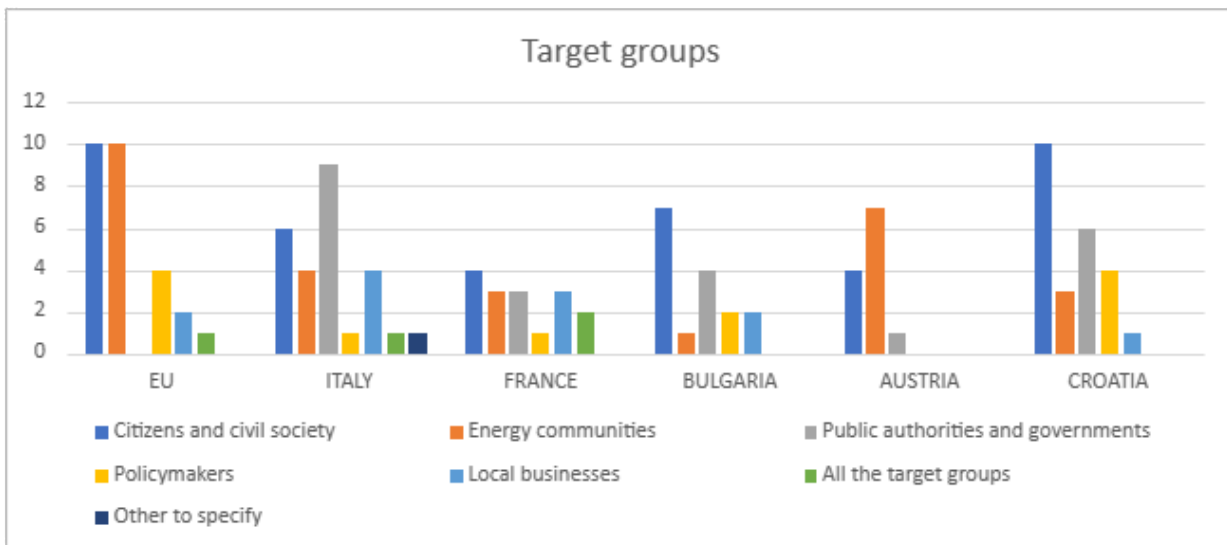
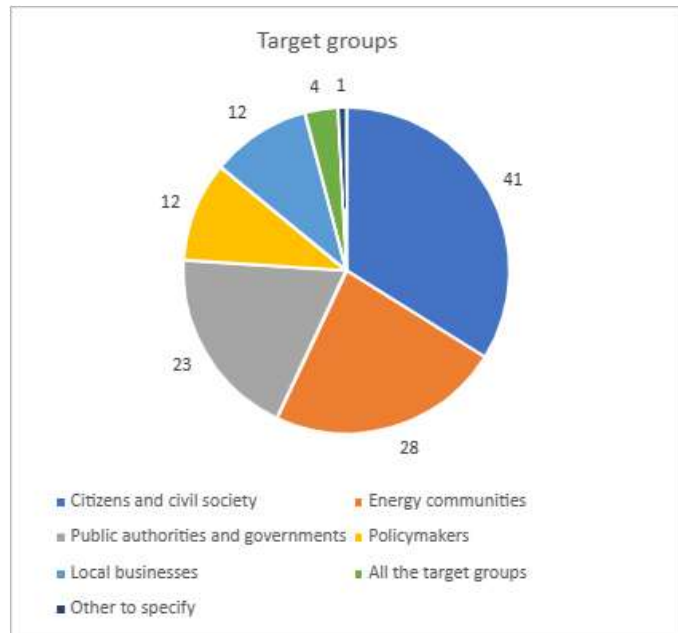


Fig. 8 – Target groups of the CEP supporting initiatives at global and National level

In France, Bulgaria and Croatia, the selected initiatives have as main target group citizens and civil society. Citizens, as well, are a crucial stakeholder in implementation of ECs. They can be vital to the energy transition that is at the core of the European strategy, as they can contribute significantly to the achievement of the main goals for the carbon neutrality. Citizens play a significant role in increasing the share of renewable energy in the energy market. Furthermore, citizens who are part of ECs may have access to various benefits such as discounts on energy bills and lower energy prices.

Lastly, by producing and self-consuming energy or feeding it into the national grid, citizens can help reduce peak demand and reduce the frequency of major power system interruptions. Citizens that take up the role of prosumers are able to become energy suppliers and to provide energy to the whole EC, replacing traditional energy providers, reducing energy purchase costs and employing demand-side flexibility solutions such as self-balancing: this way they obtain remuneration for the amount of energy they feed into the grid.

In Austria, the main target groups are energy communities, that enable collective and citizen driven energy actions to support the clean energy transition. This happens because Austria is in a more advanced stage in the development of energy communities, while the other Countries are still in an embryonic phase and the initiatives are working on the creation of conditions for the future setting up of Energy communities.

5.9 Objectives of the initiatives

Taking into consideration the objectives of the initiative, at general level, the initiatives provide essentially administrative assistance (25), technical assistance (24) and information to the public (19).

Some initiatives provide financial assistance (18) and tools (16). Only 4 of the initiatives cover all the objectives (i.e. CLR, ECOEMPOWER, LOOP, CoMANAGE).

Objectives of the initiative	EU	ITALY	FRANCE	BULGARIA	AUSTRIA	CROATIA	TOTAL
Information to the public	2	5	3	3	0	6	19
Data collection and analysis	4	3	2	0	4	0	13
Technical assistance	5	6	3	5	2	3	24
Financial assistance	4	5	2	2	2	3	18
Legal assistance	1	5	3	1	0	4	14
Administrative assistance	0	6	3	5	2	9	25
Best practices	4	3	2	0	3	3	15
Tools	8	3	1	1	3	0	16
Development of synergies	6	1	5	0	0	2	14
All the objectives	4	0	0	0	0	0	4

Most of initiatives have more than one objective. At European level, the initiatives provide a comprehensive set of assistance/ best practise and tools (i.e Energy Community Repository and Rural Energy Community Advisory Hub). The objectives of the initiatives try to tackle the hurdles that Countries are facing, including clarification of the legal aspects of the creation of energy communities and the steps to set up successfully; technical and financial analysis to assess the best project options for the community; mentor support to overcome challenges faced by communities, guidance materials and capacity building training. At the same time, initiatives offer tools. For example, digital solutions for energy communities, solar PV consumption calculator (i.e. NETSE, Energy Community Repository), energy communities governance toolkit and decision support system (i.e Comanage project), Energy solidarity toolkit (i.e. Community Energy for Energy solidarity – CEES).

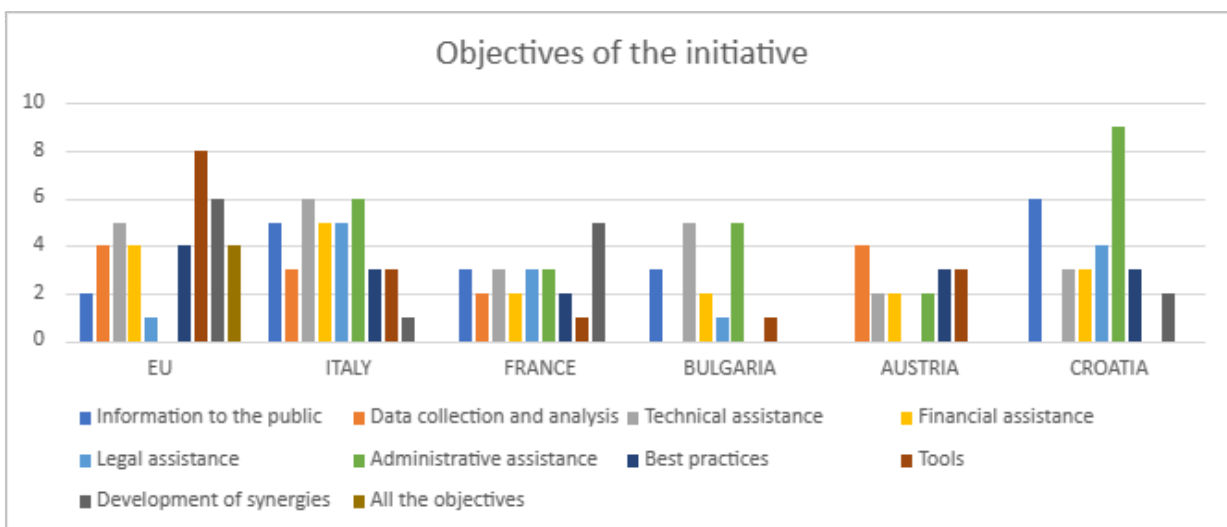
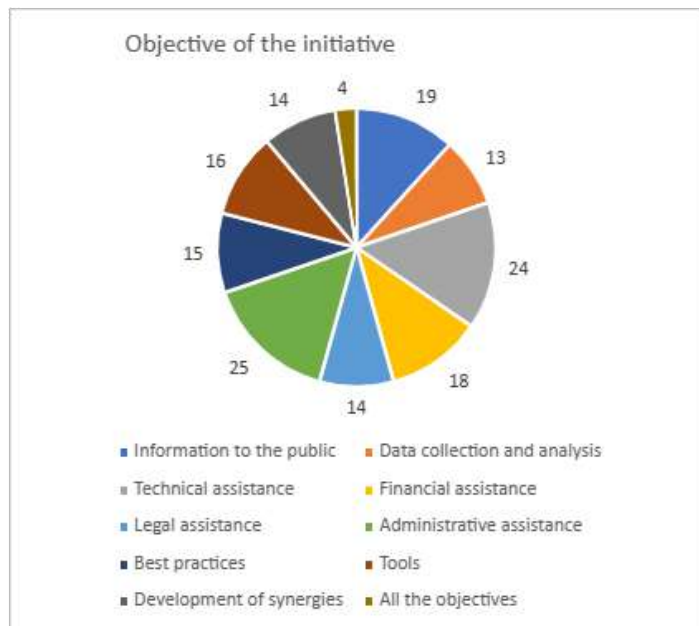


Fig. 9 – Objectives of the CEP supporting initiatives at global and National level

At national level, in Italy the initiatives offer mainly technical and administrative assistance. For example, the National observatory for the promotion of renewable energy communities, has been designed by ENEA (Italian National Agency for New technologies, energy and sustainable economic development) to promote a national development roadmap and to identify the critical issues of the “CER supply chain” at national, local and citizen level, collaborating with institutions to formulate enabling policies benefiting communities also through adoption of specific legislative and administrative measures. Further, the Italian Forum of energy communities’ mission is to deepen the contribution that the Energy Communities can bring to the achievement of the medium-long term energy and environmental objectives set nationally by the PNIEC, the Integrated National Plan for Energy and Climate, and internationally by the Green New Deal. It also means to share best practices at a local and global level to develop Energy Communities, so to fully grasp their benefits from an energy, economic and environmental perspective.

In addition, the national initiative RECs and collective self-consumption by GSE (the national Manager of energy services) provides tools as the interactive map of primary cabins throughout Italy, free online training for local authorities, templates and platform for applying for incentives, FAQ section and useful documents concerning legislation and implementing rules.

Most of the initiatives provide support services to help collect and disseminate best practices and provide technical assistance. Some initiatives also provide funding for the creation of RECs. This is the case, for example, of the “National recovery and resilience plan for RECs and self-consumption development” and the “Complementary Fund to the PNRR for earthquake areas 2009 and 2016”. On the other hand, the GOCER initiative proposes to facilitate and plan the development of new RECs throughout Italy, using a network of professionals, installers and other technical and financial partners.

In France, the main objective of the initiatives is the development of synergies, with Energie Partagée playing the role of local energy communities' incubator and connector, and both AMORCE, FLAME and CLER that are built as networks and facilitators. The information to the public is also an important objective for these three networks. Each aspect of assistance to projects (technical, administrative, legal and financial aspects)

is met as an objective by several initiatives. Energie Partagée meets all four aspects, as well as the collection of best practices.

As for Bulgaria, the main objectives of the initiatives are administrative and technical assistance. This is the case of the Izgrei initiative and Gabrovo energy Community. Also, UPSTAIRs project, aiming at accelerating the creation of energy communities, provides this information and develops flexible and iterative business model frameworks for One-Stop-Shops for local collective actions which support local stakeholders in working together. Further, POWER E COM project provides guidance on the legal, financial, and organizational fields of setting up an energy community and facilitate the exchange of knowledge and experience among partner countries.

In Austria, the main initiatives provide tools and data collection. For example, SmartControl develops a tool for monitoring, control and operation of municipal energy systems, UCERS provides a free online community data exchange platform for a scalable and easy to use implementation of EC in the Country, whereas NETSE develops a tool for the optimal technical configuration and control strategies to regulate loads and integrate energy storage systems. As the main source of information during this analysis, the project archive of the Austrian funding agency (FFG) was used. The FFG targets industrial research and development and addresses projects with a high level of technological innovation. The results of this research or more bias towards technological improvements vs promoting existing technology, catalysing a roll-out, or networking.

In Croatia, the initiatives provide mainly administrative assistance and information to the public. In particular, REGEA and REA Kvarner are promoting initiatives managed directly by the regional energy agencies in the framework of their institutional activities. They facilitate and provide support to public authorities, companies and citizens in accelerating energy transition through energy expertise, advocacy and support, project implementation, education and training, collaboration. There is also a number of other initiatives (mainly education) sporadically organised by municipalities promoting elements of energy transition. Permanent helpdesks where citizens can ask for assistance are usually missing. In some cases, they only were operational during the projects' duration (e.g. LIFE or interReg), then they have shut down after the project end. Only 3 Croatian cities created solar roof map as part of EU projects, but locally

provided data is not available for other areas (at the level of desirable precision). Technical and statistical data regarding grid availability or capacity on local level are not available, and there is no plan that this will be changed in the near future.

5.10 Languages

The initiatives that involve different European Countries deliver information in English and there is often a summary in the local language. On the contrary, at Country level, the initiatives are provided in the native language and rarely the main information are translated in English.

Bulgaria, Austria and Croatia provide for some initiatives a bi-lingual documentation.

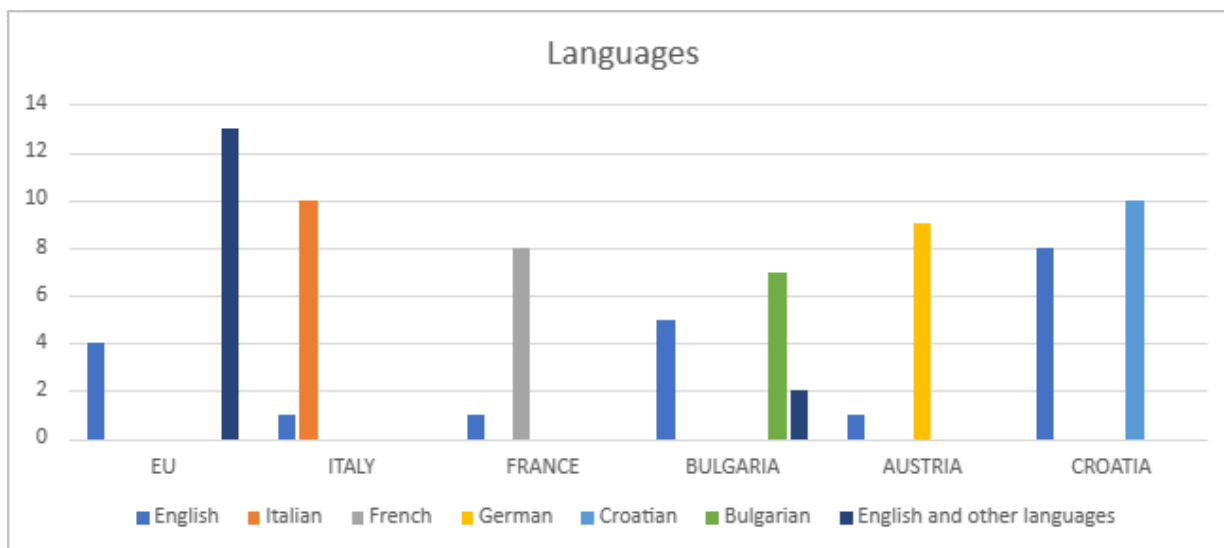


Fig. 10 – Languages of the CEP supporting initiatives

5.11 Main funding sources

It is not always clear from the information provided which are the funding sources of the selected initiatives. At the European level, all the initiatives have received facilities and funding from EU programmes to assist local actors with setting up and advancing of clean energy projects driven by energy communities. Furthermore, they are also meant to help their pilot phase, with the expectation to make a feasible business plan and become self-sufficient in the future.

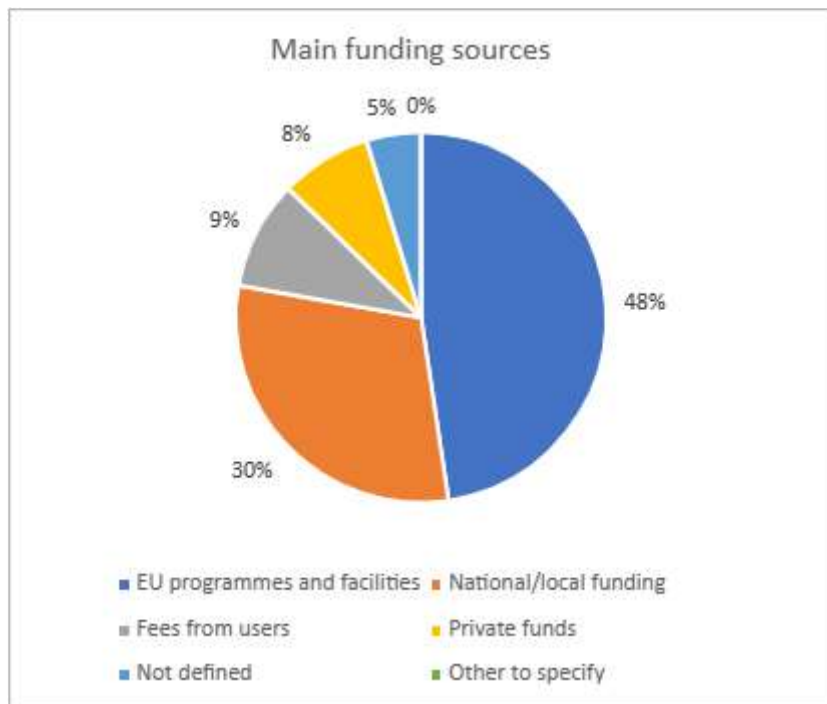
At national level, in Italy, Austria and France, the main funding sources are from national/ local funding (i.e. in Italy the National observatory to promote RECs, or the National

recovery and resilience plan for RECs and self-consumption development and the Complementary Fund to the PNRR for earthquake areas 2009 and 2016; whereas in Austria the Smartcontrol, the UCERS, the ECOsint to name a few). Some initiatives have application fees for the clients (e.g. Italian Forum of Energy Communities) or are funded by private funds (i.e. Synergies: development of energy communities on a social scale or Campaign BeCOme: from villages to energy communities).

In France, ADEME, Asder, AMORCE or FLAME and all the local energy and climate agencies are mostly publicly funded. Furthermore, two key actors for CEPs, Energie Partagée and Enercoop, are organized through several entities, mixing several sources of funding, both private and public, but their main activity is funded by fees from users. EnercitIF have revenue from the selling of electricity.

In Bulgaria the selected initiatives are financed by European Programmes and facilities (5 out of 7) and the remaining by National and local funding (2 out of 7).

In Croatia, the selected initiatives are mainly financed by European Programmes and facilities (i.e. Zelena energetska zajednica, REGEA, DOOR, KLIK Križevci) and by fees from users (i.e. Apsyrtides energy cooperative Cres, DVD Špičkovina and Multi-residential building in Karlovac).



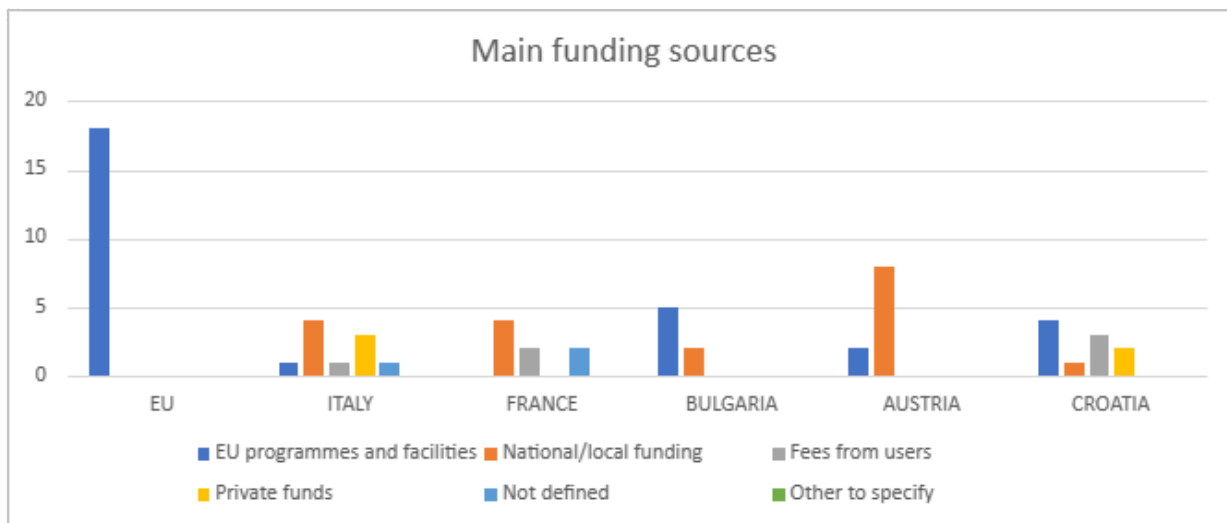


Fig. 11 – Main funding sources of the CEP supporting initiatives at global and National level

5.12 Timeframe and current status

The graph shows most selected initiatives are ongoing implementation (29) and fully operational (16), in fact most of them started between before 2020 and 2022.

12 initiatives are ended, but they provided information and materials still useful for DISCOVER. This is the case for example of the Energy communities Repository and Rural Energy Community hub, initiatives on behalf of the European Commission to assist local actors with setting up and advancing clean energy projects driven by energy communities respectively in urban and rural areas across Europe. They provide guidance documents, best practices reports, a policy analysis database, a map of energy communities, a Helpdesk and tools.

At national level, in Italy most of the initiatives started in 2022, after the transposition of the two European directives RED II (2018/2001) and EMD (2019/944) in December 2021. Before this year, Italy adopted a first set of transitional rules in 2020 on RECs through the Article 42-bis of the Law 8/2020, but the lack of a clear framework together with rules, bureaucracy, legislative and administrative complexity has created uncertainty, and few initiatives came to the light.

At the end of 2023, also operative and financial rules were defined, this is why in the following years, it is expected a growth of initiatives and full implementation of them.

In France and in Croatia, the initiatives for CEPs have been active since 2020 or earlier. They cover different topics, from energy efficiency to renewable energies development and in the future an increase of RECs and their operation is foreseen.

In Bulgaria, 3 initiatives started in 2020 or earlier, but 8 initiatives started from 2021 to 2023 and the end is foreseen in the next years.

In Austria, most of the initiatives started in 2021 and in 2024 the end for most of them is expected.

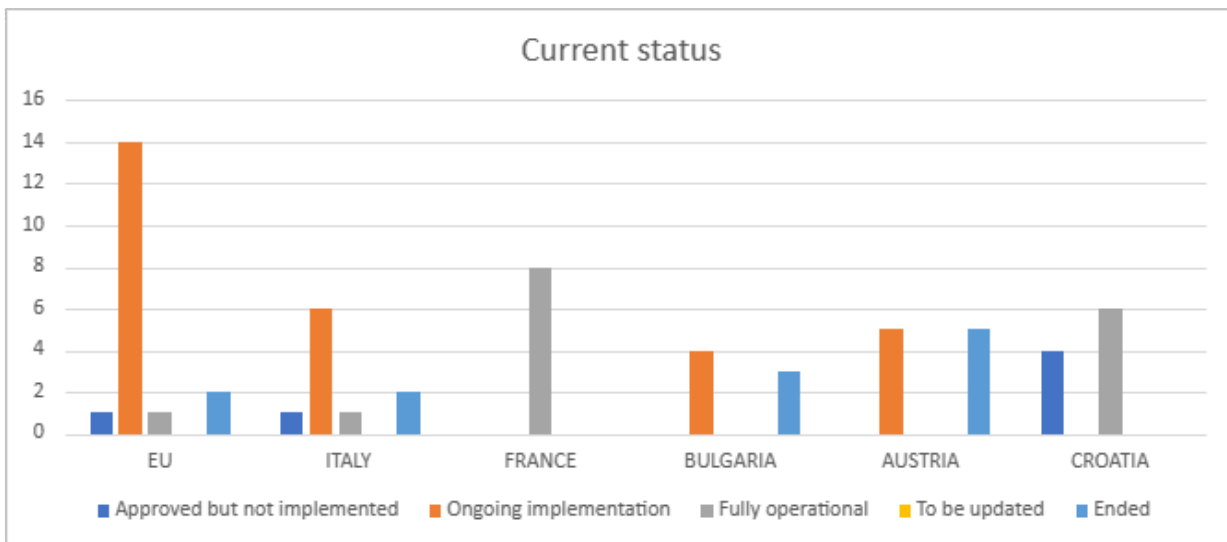
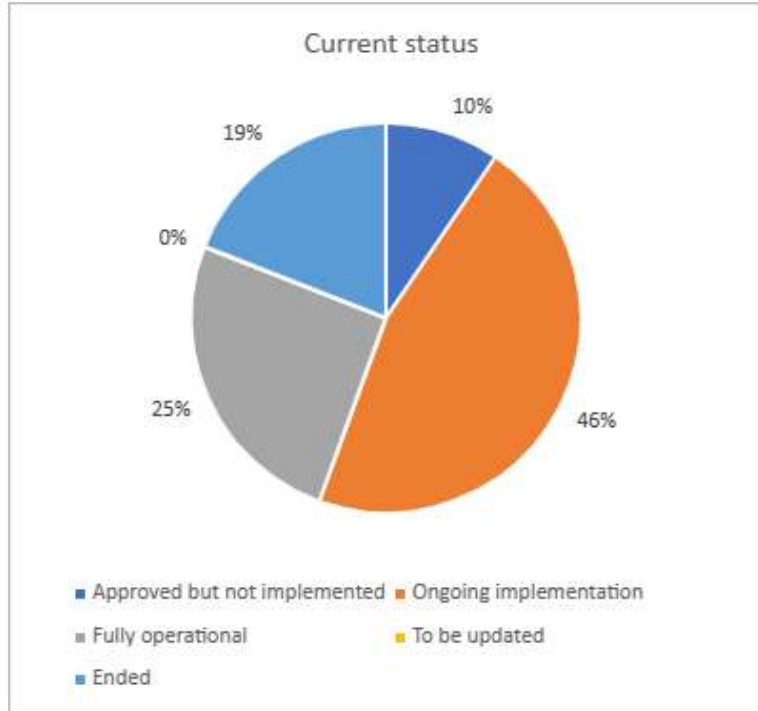


Fig. 12 – Current status of the CEP supporting initiatives

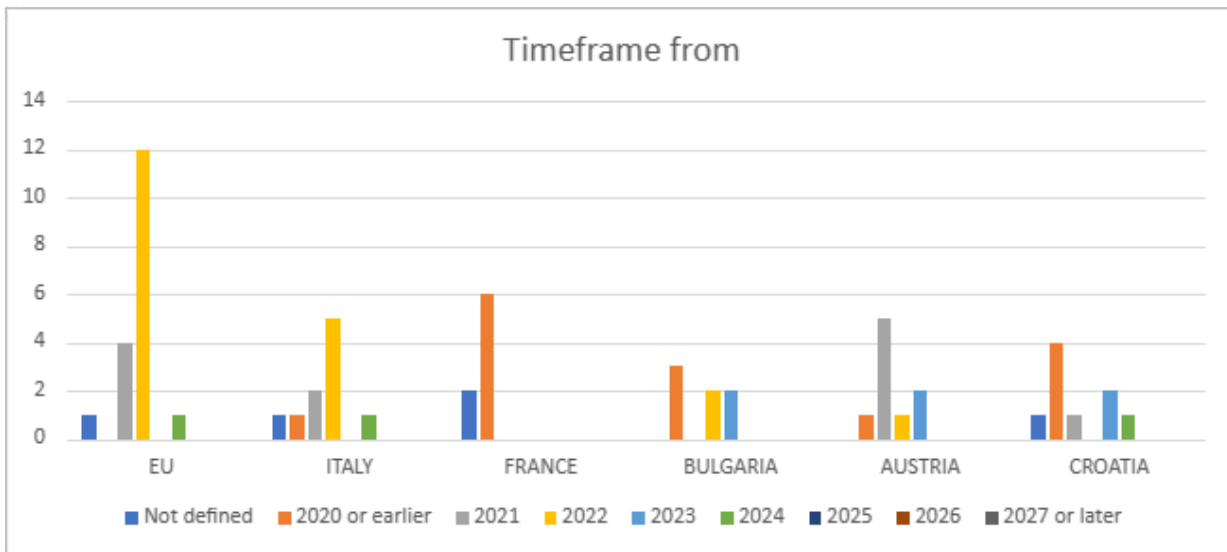


Fig. 13 – Starting date of the CEP supporting initiatives

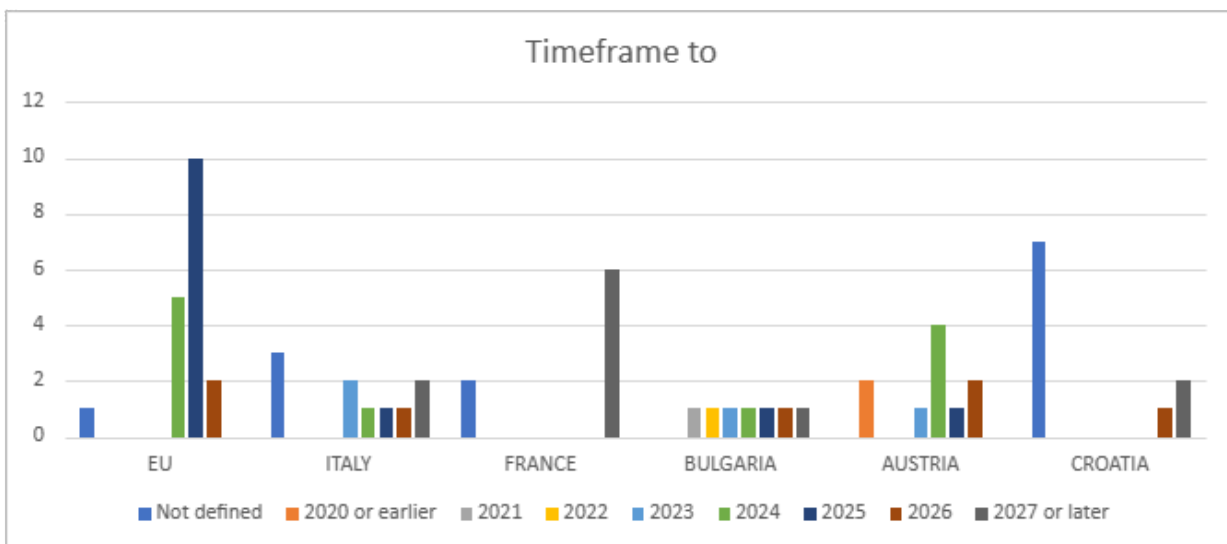


Fig. 14 – End date of the CEP supporting initiatives

6 Main findings

The aim of this chapter is to provide the main findings from the existing CEP supporting initiatives in partner Countries. This part shall later be integrated into the specific guide book and contains information how these initiatives can impact on DISCOVER and on the goal of kicking of 20 new initiatives and what is necessary to make use of identified synergies. In the Annex 2 the main findings described in this chapter are translated in national language for each country specific part.

6.1 CEPs support initiatives in Austria

The research was primarily sourced from the database of the Austrian funding agency, FFG. This database was filtered for projects falling under the “Energy” category and containing keywords such as 'community energy project' (Gemeinschaft, Beteiligung) or 'energy community' (Energiegemeinschaft). Additionally, prominent and active players in the realm of innovative energy projects were investigated to identify supplementary initiatives not funded by the FFG, but possibly supported by other entities such as the EU. This comprehensive search strategy deliberately excluded projects in the planning phase. Notably, the Austrian funding agency is renowned for targeting innovative projects that surpass established technological standards. Consequently, the selected projects mirror the evolving landscape of energy at the time of their execution.

The highest scoring projects within the surveyed group of support initiatives in Austria are those associated with European calls, namely Power-E-Com and UpStairs. The anticipated outcomes of these projects are likely to be applicable to DISCOVER, although adjustments and fine-tuning may be necessary. The significant potential for synergies lies in the opportunity to leverage existing services that DISCOVER can adopt. While the expected synergies with PROSPECT+ are primarily limited to services, Power-E-Com and UpStairs offer additional potential synergies: Power-E-Com is expected to develop training materials relevant to DISCOVER, while UpStairs is anticipated to provide dissemination and communication synergies beneficial to DISCOVER.

In addition to the European initiatives, there are promising initiatives exclusive to Austria. Among the scouted candidates, SEFIPA (Sustainable Energy Financing Platform in Austria) stands out as one not limited to energy communities. Despite being an older initiative that concluded before 2020, it led to the development of the crowd-investing platform crowd4energy, now known as killmja.org. The organization behind this initiative is oegut.at, which was also involved in a study regarding community financing (BürgerInnenbeteiligungsmodelle Studie), outlining community-financed projects and lessons learned in Austria. Given its focus on PV plants, this study holds particular relevance for establishing community financed projects within the DISCOVER project in Austria.

Another Austrian project included in this research is Energy 'WITH Spirit'. Similar to the 'sozialEG' project, its focus is on establishing an energy community with a special emphasis on addressing socially deprived members. Such social energy communities are recognized as potent tools to combat energy poverty. These two aforementioned projects are expected to yield a replicable model that can be implemented throughout Austria. For DISCOVER, this entails the availability of blueprints and best practice examples addressing organizational challenges, hurdles related to tariff models, business models, and intra-community contracting.

Other Austrian initiatives aimed at supporting CEPs focus on the development of tools, typically targeted towards energy communities. Within UCERS (User-centered solutions for digital and sustainable Energy Communities), a data exchange platform for energy communities is being developed, which is freely available online and thus beneficial for future DISCOVER CEPs organized as energy communities. Similarly, ECOSIT (Energy Community System INTegration) aims to conceive an open IT System Architecture for the operation of (local) energy communities. Another standardised data interface is being developed within NETSE (Nutzerorientierte Entwicklung von Technologien und Services für Energiegemeinschaften), along with other services that facilitate the operation of energy communities.

The Smart Control initiative focuses on municipal energy systems and develops a concept for monitoring, control, and operation using machine learning (ML) to forecast load and generation data. The goal is to enhance self-consumption and optimize economic aspects. The outcomes of this project could be beneficial for DISCOVER as

they provide insights into the energy systems of municipalities, which could be utilized to explore the potential for citizen inclusion in these systems. DISCOVER could leverage these results as an argument to persuade municipalities to adopt such an innovative role and become role models in the decentralized energy market.

6.2 CEPs support initiatives in Bulgaria

The creation of Energy Communities is presented as a necessity in national documents such as the Integrated Energy and Climate Plan of the Republic of Bulgaria 2021-2030 (INPEC) and the National Recovery and Sustainability Plan (NRSP), as they outline in detail the support measures for their creation and functioning in the country. However, Bulgaria lags in the transposition of the revised RES Directive into Bulgarian legislation and this continues to create obstacles for potential investors to invest and cooperate in CEPs and CECs.

To achieve sustainable energy and mitigate the negative effects of the climate change, a huge number of projects are implemented in Bulgaria, financed mainly through the ESIFs. The importance of these projects is pivotal and ensures the implementation of the policies designed by the EU at the institutional level in Bulgaria. CEP initiatives are brought to life through such projects, providing services and information to citizens, so that they can be easily involved in the energy transition, better understand its necessity, and realize additional benefits. These projects are implemented by different non-governmental organizations, energy agencies, associations, and even informal associations of citizens. Similarly, DISCOVER is approaching the main stakeholders in Sofia and Gabrovo region to find the hurdles they face while designing measures for community owned energy.

Initiatives are mainly a result of such projects (SHARE, ECO2) implementation where they encompass specific approaches to raise stakeholder awareness, provide a specific toolkit to support local people in creating their energy community (legal analyses, sample contracts, technical and IT solutions, business models, etc.), as well as tools for appropriate communication campaigns promoting the idea of energy cooperatives.

Building upon existing frameworks in sister projects, DISCOVER framework will allow for later enhancements to address other CEP-types as well (hydro power-, wind power-

biomass, biogas, electricity storage, heat/cold, etc.). DISCOVER framework will also be implemented in an interactive web-platform, enabling a significantly higher degree of scalability and usage of existing tools & services as listed in D 2.1.

The need for specialized structures or teams (including municipal ones) to provide "one-stop" services in the field of energy consumption, both for citizens and for managers of municipal enterprises and buildings, is increasingly noticeable. There is an increased demand for consulting services and support in the preparation of energy projects such as renovation of the building stock, the introduction of local installations for the production of energy from renewable energy sources, participation in the free electricity market, assistance for the sustainable reduction of energy consumption in households and others. The establishment of similar "shops" in the administration of Bulgarian municipalities as mediation centers will support the promotion of the activities among the society accompanying the energy transition.

Another synergy is sought with the SHEERenov project, which aims to provide integrated services for the housing renovation sector in the city of Sofia. The project aims to support the transition from the current model for energy efficiency renovation of multi-family buildings, fully financed with public funds and administered by public institutions, to a market-oriented model. The innovation consists in a model of one-stop services for homeowners; support through a sustainable financial mechanism to facilitate access to loans and direct communication with municipal structures to improve the process of renovation of residential buildings. The outcomes of this project will be considered while establishing the OSS under DISCOVER. Thus, the OSS (physical and virtual) to be created under DISCOVER project will have to compete with a few existing ones (Sofia, Plovdiv, Asenovgrad) while the ambition is the DISCOVER is to offer upgraded and/or additional services leading to the creation of 10-20 new CEPs.

The POWERPOOR project aiming to develop programs supporting citizens in a situation of energy poverty and to stimulating the development of joint energy initiatives by using alternative or innovative financing methods (e.g. creation of energy communities/cooperatives, crowdfunding). Under the project is functioning a network of Energy consultants and mentors who advise households in a situation of energy poverty in cooperation with local authorities. The project includes local Energy Poverty Reduction Offices, staffed by trained and certified energy mentors. In Bulgaria, there are

such offices in Sofia, Plovdiv, Vidin, Dobrich, Smolyan, Svilengrad and Beloslav. These offices may be approached by the DISCOVER trainers in the OSS to transfer knowledge and capitalize on their resources for promoting CEPs.

Recently, the first real Energy cooperative was created in Gabrovo by the local administration with partial crowdfunding from citizens, where a PVP has been installed on the regional landfill center. Another one will be established in the town of Dryanovo under the DISCOVER project, where a detailed business model was developed with the support of the ACF of the EEA Grants (2014-2021).

The implementation of such EU-funded projects not only supports efforts to achieve carbon neutrality in Bulgaria through the direct participation of citizens but promotes the original role of stakeholders to actively participate as initiators in the sustainable development of the communities in which they live. IESDI will source a project pipeline from existing cooperations with municipalities and local stakeholders, as well as existing specific community energy projects that align with DISCOVER's focus.

6.3 CEPs support initiatives in Croatia

The purpose of the research of existing support initiatives - Community Energy Projects (CEPs) is a review of existing initiatives so that the DISCOVER project can build on the results of these initiatives or use them with fine tuning and adaptation.

Research of existing initiatives is based on earlier knowledge of the Association Without Borders about initiatives present in Croatia, participation of our members in the Forum that brings together Croatian energy communities, as well as on online search by keywords "energy community", "energy cooperative" and "community of active consumers".

It is important to note that in Croatia, due to administrative barriers (caused by inappropriate RED II directive transposition), only one energy community has been registered so far (in March 2024), with license to operate and exchange energy among members. It should also be emphasized that even this one energy community cannot be fully functional because the public energy supplier (HEP-ODS) has not adapted the billing system which can process data from energy communities and provide adequate services to end-users. It is highly likely that this situation will last until 2025.

Because of all that, there are not so many CEP initiatives in Croatia, as most of interested groups are waiting for removal of legal and operational obstacles. That is reason why in list are all relevant initiatives regardless of the stage they are in. Most of the initiatives are in the preparatory phase regarding CEPs, with members or potential members with operational photovoltaic plants. We can see that the entire community which is dealing with the topic of CEP in Croatia is still in the experimentation or learning mode. On the one hand, legislative and administrative bodies do not show excessive interest in this topic, except when they are obliged to adapt or change Croatian legislation due to EU directives or when they must remove some barriers due to pressure from the European Commission. With such changes, it often happens that new barriers are installed. On the other hand, initiatives initiated by individuals, cities and municipalities, associations or local energy agencies are stalling in the phase of seeking permission from regulators because, for example, it is stipulated that energy communities regardless of size must hire one person on a full-time basis. It is clear to everyone, including the regulator itself, that such a model is unsustainable, but they still did not ask the ministry to change these regulations.

Because of all that, a group of CEP initiators recently started activities towards the state regulatory body to propose change of laws and bylaws. Similar initiative is ongoing to the ministry and to the public electricity supplier. On positive note, many of CEP initiatives participate in EU projects and these projects are raising awareness among citizens that the Croatian legislative and regulatory framework that CEPs should be freed as soon as possible from unnecessary barriers, and that the Government should actively encourage the development of CEPs through administrative, financial, and technical support.

It should be further emphasized that unlike other EU member states, there are no "official" tools in Croatia to support (i.e. created or financed by competent ministries, regulatory agencies, or electricity distributors) the planning, establishment or operational work of energy communities, so that CEP initiatives are fully dependent on the EU or internationally available tools.

CEP initiatives in Croatia implementing EU projects potentially relevant for DISCOVER:

- ZEZ participates in the SCCALE 20-30-50 projects (sustainable collective action by citizens for a local Europe), ACCE.RESCOP.EU (project with the aim of developing and expanding the civic energy financing scheme in Croatia and across Europe) and COMET (creation of a coalition of civic energy at the national level)
- REGEA implements SHAREs, LIFE LOOP (a community of several hundred local authority representatives from 30 countries, project offers support for building EC) and CONNECTHEAT (develop an enabling policy framework for the development of community energy initiatives) projects
- DOOR implements LIFE project CROSS renoHome (establishing OSS with offer of a complete solution of energy renovation for homeowners in one place)
- KLIK is a partner in the CROSS renoHome project and in the PLACE project (develop community capacities to implement placemaking processes)

Almost all these projects result in community empowerment, without more concrete software tools that would be directly usable in the DISCOVER project, but the exchange of experiences and preoccupied data could certainly be useful. Best example is SCCALE 20-30-50 project that aims to build "SCCALE Toolkit", which consist of 7 guides and briefings developed and tested through pilot projects, that should confirm the lessons learned and support the replication and consolidation of energy communities created through the SCCALE project.

Other initiatives that are is some level relevant for DISCOVER project:

- MEC (My Energy Community) is the first Croatian energy community that was created through a project financed by Innovation Norway fund, members of energy community are 4 families, one of which has a photovoltaic power plant installed on the roof of the house, however, given the financial (un)sustainability of the functioning of the association, its further fate is unclear
- Apsyrtides is a cooperative from the island of Cres that was initiated by the Island Development Agency, aim was to build a communal photovoltaic plant. The Island Development Agency is currently a partner in the ISLET project, for 5 years are

in the administrative procedure of obtaining permits for the construction of the plant

- REA Kvarner is a regional energy agency with a significant portfolio of EU projects, they are currently implementing 20 photovoltaic plants at schools in Primorje-Gorski Kotar County. Projects are at various stages of construction or obtaining permits
- Multi-apartment building Karlovac will be the first initiative of citizens in Croatia who jointly built a photovoltaic power plant on a multi-apartment building and share the energy produced among themselves. The initiative is part of the SHAREs project. The project is in the phase of obtaining approval from the regulatory agency
- DVD Špičkovina plans to build a photovoltaic power plant on the roof of the building, co-owned by the municipality and citizens - neighbours. An energy community was established, and they applied for a license to regulatory agency. The activities are part of the SHAREs project implemented by REGEA
- Energy cooperative Island of Krk was established for the construction of a municipal photovoltaic power plant owned by several municipalities on the island of Krk. The project has been developing for more than 10 years, the current fate is unclear given the issue of changing spatial plans and obtaining permits from regulators, but the project is officially still active

6.4 CEPs support initiatives in France

8 initiatives have been identified in France as supportive of the development of energy community projects (CEPs). They provide either general support for projects or more specific services, such as financial assistance, training, networking, public policy advocacy, and communication. They complement the 7 services listed in D2.2.

Énergie Partagée is probably the most essential organization at the national level for energy communities and CEPs. Certain areas in France, such as Est Ensemble in Greater Paris, Strasbourg, Bordeaux, Annecy, or Grenoble, are equipped with a Local Energy and Climate Agency (ALEC), members of the FLAME network, which offers tailored support for photovoltaics. Their level of involvement in energy communities varies and it needs to be developed, as it is the case in Paris.

The work carried out in Task T2.1 provides an overview of the synergies for DISCOVER.

All the identified initiatives have the potential to communicate and disseminate the results of the DISCOVER project. DISCOVER's task is to convince some of these actors who are not yet engaged in the project and to find suitable channels with each of them.

AMORCE and **CLER** are the two key networks for professionals and local authorities involved in the ecological transition in France. ADEME is a well-known reference for the public on ecological issues. All three are valuable allies for communicating and disseminating the results of DISCOVER, through ADEME's advertising messages, and AMORCE and CLER's publications, webinars, or other channels to be defined.

Most of the initiatives can provide DISCOVER with their services and expertises, namely *Énergie Partagée*, Enercoop, AMORCE, FLAME, and EnerCit'IF. Links are being established by APC in this regard with most of them.

Énergie Partagée and its network of local energy communities throughout France, including EnerCit'IF in Paris, aim to support any local renewable energy project provided it responds to a civic initiative. *Énergie Partagée* can train on citizen project development at all stages and across many dimensions, thanks to its field experience. *Énergie Partagée*'s support can take the form of co-financing for large projects, provided transparency and governance conditions are met. To this end, *Énergie Partagée* manages the EnRciT fund, created in 2018 with state support. The project size condition can be a barrier for Parisian projects, particularly those on small or medium-sized condominium roofs. *Énergie Partagée* will naturally relay any project materializing in Paris that DISCOVER has supported.

For the establishment of a one-stop shop in Paris, the APC is currently working in partnership with *Énergie Partagée* and EnerCit'IF, as well as **FLAME**, to deepen project development issues and equip itself with more efficient internal tools. The central issue is structuring the condominium market. It is also necessary to amplify citizen mobilization initiated by EnerCit'IF and that of associations.

Enercoop does not directly finance projects but, as a citizen renewable electricity supplier, it contributes to the economic model of CEPs that choose to sell their electricity to them. This is what EnerCit'IF does in Paris. Enercoop can also allocate part of its cooperative members' money to local citizen projects through specific local

arrangements, such as in Languedoc-Roussillon. Enercoop can support the implementation of collective self-consumption (CSC), but this is not yet the case in urban centers like Paris.

With DISCOVER, APC will explore the possibility for Enercoop to sell its technical services on the Parisian condominium market and promote CSC. For example, the purchase grouping could aggregate several condominiums to achieve a sufficiently sized project and offer opportunity for CSC.

Énergie Partagée and Enercoop can help finance CEPs. However, synergies for financing CEPs are not easy to meet in the Parisian context. To fill this gap, the City of Paris aims to establish in 2025 a funding tool for preliminary technical studies for photovoltaic installations in condominiums. **AMORCE** could provide the APC with its legal expertise for this purpose.

ADEME does not directly finance photovoltaic production either, but it can fund studies in a territory aimed at deploying citizen renewable energy, and through Les Générateurs program (listed in D2.2), it indirectly contributes to the financing of citizen projects with local governance.

In Paris, ADEME is co-financing for 2024-2025 with the Urban Planning Construction and Architecture Plan (PUCA) a study coordinated by the APC on the feasibility conditions of collective self-consumption in a dense urban centre. A synergy with DISCOVER is already in place at this level.

Three initiatives can offer training to PV project or CEP developers: Énergie Partagée, Asder, and the FLAME network. Within the DISCOVER framework, APC has been or will be trained by each of them. It remains to explore how other Parisian actors could benefit from this.

Asder offers professional training, paid, short or long, in the photovoltaic and building sectors. In areas where they exist, the fifty Local Energy and Climate Agencies (ALEC) are likely to offer training modules, webinars, and events for individuals carrying out energy renovation or photovoltaic production projects, as well as for local professionals. The APC itself is an ALEC and will offer these training sessions.

6.5 CEPs support initiatives in Italy

In Italy ten CEPs supporting initiatives in total had been identified. They all represent instruments to facilitate the energy transition. The delivery organization are public and private sector while the key areas are mainly administrative, financial and technical. The target group are mainly public authorities and governments, in order to spread as much as possible the implementation of new CEPs. The objectives of the initiatives are more focused on administrative and technical assistance, but also the information to the public, the financial and legal aspect are quite common.

To point out which are the key supporting initiatives in our Region for DISCOVER goal, AGENA focuses the attention on these 4 initiatives:

- Energy Communities and collective self consumption by GSE
- the National Observatory to promote Renewable Energy Communities by ENEA
- the IFEC, the Italian Forum of Energy Communities
- Synergies: development of energy communities on a social scale

Firstly, GSE (Manager of energy services) is in charge of managing the implementation of the RECs registry at national level, defining the management rules (standards, parameters, protocols) to measure the shared energy and acknowledging the incentives provided by the legal framework, monitoring the evolution of the RECs system and the overall economic impact on the energy system. In particular, the initiative “Energy Communities and collective self consumption” provides different tools, such as the interactive map of primary cabins, simulator for technical- economic assessment of PV systems for self - consumption groups or energy communities, free online training for local authorities; templates and platform for applying for incentives, FAQ section; useful documents concerning legislation and implementing rules. The significant potential for synergies lies in the opportunity to leverage existing services (especially the interactive map and the simulator tool) the DISCOVER can adopt and can impact actively on the kicking of the 4 new initiatives at local level (Italian side). This synergy can be further strengthened thanks to the agreement between RENAEL - the Italian network of energy agencies (of which AGENA is a member) and GSE to support energy communities at local level.

As well, the National observatory for the promotion of renewable energy communities, designed by ENEA (Italian National Agency for New technologies, energy and sustainable economic development) promotes a national development roadmap for RECs and identifies the critical issues of the “REC supply chain” at national, local and citizen level, collaborating with institutions to formulate enabling policies benefiting communities also through adoption of specific legislative and administrative measures. The Observatory covers four core areas: economic-financial, regulatory and administrative-legal, data acquisition-management and public information. The initiative can impact on DISCOVER, because it facilitates the exchange of experiences and the transfer of good practices to different territorial contexts. In addition, RENAEL is a member of “Governance and regional policies” working group.

This aforementioned initiative is expected to provide replicable models to be implemented across Italy.

Further, the Italian Forum of energy communities’ mission is to deepen the contribution that the Energy Communities can bring to the achievement of the medium-long term energy and environmental objectives set nationally by the PNIEC, the Integrated National Plan for Energy and Climate, and internationally by the Green New Deal. It also means to share best practices at a local and global level to develop Energy Communities, so to fully grasp their benefits from an energy, economic and environmental perspective. DISCOVER can benefit from this initiative, becoming a membership in a multi-energy and multi-stakeholder network, participating in events and activities organized by the Forum, being support in dissemination of DISCOVER activities.

Finally, this project can benefit from the “Synergies initiative” in terms of communication and dissemination and in terms of provided guidance and videos, such as the “Info package tool” that includes a handbook on technological, legal, social, governance and economic management aspects of RECs, 4 videos by experts on the previous topics and administrative templates for the establishment of a REC by a local authority, the deed of incorporation and statute of the legal entity. These latter outcomes are likely to be applicable to DISCOVER, although some adjustments may be needed.

The other 6 initiatives can create synergies in terms of:

- funding (i.e. Complementary Fund to the PNRR - National recovery and resilience Plan) for 2009 and 2016 earthquake areas and “PNRR for RECs and self-consumption development” that can be used by DISCOVER to support the financing of municipalities with less than 5000 inhabitants (i.e. the pilot of Castelli)
- training (i.e. GOCER to replicate their structure on local pilot in terms of professionals and network)
- communication and dissemination (i.e. Network for supportive and renewable energy communities addressing to energy poverty; Support for the developments of RECs in Emilia Romagna Region and “BeCOme Campaign” considering that 20 out of 47 municipalities of the Province of Teramo are villages (including the pilot of Castelli))

In conclusion, at Italian pilot level, DISCOVER has to use as much as possible the services implemented by these CEPs supported initiatives in order to leverage them. These services, deepened in the deliverable D2.2, along with a specific stakeholder engagement (WP3), can create a solid local baseline to implement CEPs locally.

7 Conclusions and next steps

The aim of this report is to provide an overview of existing CEP support initiatives across Europe and in each pilot region. It also aims to identify the outputs of each initiative which can be useful for DISCOVER and the potential for synergies between DISCOVER and these initiatives. The overall goal is to catalyse the exchange and cooperation with such initiatives.

This analysis includes 63 CEP support initiatives, which are listed in Annex 1, and shows that the number of community energy projects has increased rapidly from 2020. This trend correlates with the transposition of European directives at National level, resulting in more advanced renewable energy support schemes, additional incentives and increased awareness for collective actions. Energy community projects can be instrumental for facilitating the energy transition at the local level.

The initiatives aim to support CEPs, but in particular the uptake of energy communities,

which are actively contributing to the European energy transition and climate goals.

Most of the initiatives included in this analysis have a European (35%), national (29%) and regional (17%) coverage. The delivery organisations are mainly public (34/63) and private (33/63) and their key areas are technical (25/63), administrative (19/63) and financial (18/63). 14 delivery organisations cover all key areas (technical, financial, legislative, social and administrative). This means that a dedicated structure has been created, staffed with professionals with expertise in all key areas.

The survey consists of 63 CEP support initiatives, each tailored to address specific types of CEPs (PV /solar projects, biomass, hydro, wind, energy efficiency and transport). 36 initiatives are classified to cater towards all types of CEPs. 24 initiatives are exclusively catering towards PV/solar and 6 initiatives are focused on energy efficiency.

The range of target groups is very wide: citizens and civil society (41), followed by energy communities (28) and public authorities and governments (23).

The main primary mission of these initiatives is to provide administrative assistance (25), technical assistance (24) and information to the public (19).

The greatest potential for synergies was identified in leveraging existing services developed by other support initiatives, followed by communication and dissemination and training.

The main funding sources within the group of surveyed CEP support initiatives are EU programme and facilities (48%), followed by national and local funding (30%).

Concerning the implementation status, the project partners focused on ongoing initiatives (29/63) or fully operational initiatives (16/63). The time horizon is not often defined, but it is concentrated from 2024 onwards.

At the EU level, the most interesting CEP supporting initiatives with the greatest potential for synergies with DISCOVER (including communication and dissemination, training, services, funding) and usage of their achievements for DISCOVER are shown in the table below, along with their score.

Europe	Score
ECOEMPOWER	5
COMANAGE	4
Energy Communities – Local Ownership of Power (LOOP)	4
Boosting Energy Communities massive deployment by equipping local authorities with comprehensive technical assistance cookboOk, integrated services and capacity buildiNg (BECKON)	4
Access to Capital for Community Energy (ACCE)	4

At National level, the most significant initiatives are shown in the following table:

Italy	France	Bulgaria	Austria	Croatia
Energy Communities and collective self consumption (5)	Enercoop (6)	Energy community of Dryanovo Municipality (5)	POWER-E-COM (4)	Zelena energetska zajednica (5)
National observatory to promote Renewable Energy Communities (4)	Energie Partagée (5)	Izgrei BG (4)	UpStairs (3)	DOOR (5)
IFEC - Italian Forum of Energy Communities (4)	Amorce (4)	Gabrovo energy community (4)	SEFIPA - Sustainable Energy Financing Platform in Austria (2)	REA Kvarner (5)
Synergies: development of energy communities on a social scale (4)	Asder – school for sustainable buildings (4)	Asenovgrad (UpStairs) (4)		
	Flame – Federation of local energy and climate agencies (4)	Replace (4)		
		ECO2 – Energy Conscious Consumers (4)		
		Power- E- Com- Empowering Renewable and citizen Energy Communitis (4)		

The CEP support initiatives reflect the main hurdles that Energy Communities are facing (by the time when the initiative was ongoing) for each Country and provide instruments to overcome these barriers, such as: Increase awareness and information, support lack of experience and expertise, deliver administrative and technical tools, coordinate and manage activities, engage stakeholders.

The majority of the initiatives cover immaterial costs (mainly conceptual, operational, legal advice):

- practical support through dedicated helpdesks (to facilitate getting the projects operational)
- Guidance materials and technical tools (i.e. solar PV consumption calculators)
- Management tools (i.e. energy communities governance toolkit)
- Quick access to good practices and lessons learnt through inspiring case studies
- Training to help energy communities to build their skills

According to the findings and outcomes of this analysis, existing services have the biggest potential for synergies. The outcome of this task is an index of CEP support initiative, ranking them by their potential for synergies. The index serves as the platform to commence testing existing services and determine their applicability for the DISCOVER project.



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D2.1 – Report on existing CEP support initiatives - ANNEX 1



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Name of the initiative:										
COMANAGE										
Description:										
Energy communities' projects often struggle to take-off due to the main governance and management barriers. COMANAGE aims to equip public authorities involved in energy communities' projects with a set of integrated services, supporting mechanisms and tools to facilitate management and governance of energy communities. The final goal of the project will be twofold: first, to ensure that energy communities' projects that have already been set-up can take-off and grow in the medium and long term. Second, to encourage and stimulate the uptake of new community-owned energy projects.										
Potential synergies for building on existing achievements:	C&D:	NO	Training :	YES	Services:	YES	Funding:	NO		
	YES		Using existing achievements:		YES					
Level of the initiative	European		Geographic coverage				EU- wide			
Countries involved	IT	ES	PL							
Delivery organisation	Public			Other to specify			Third sector			
Key area of the delivery organization	All areas									
Targeted technical types of CEP	All types of CEP									
Target groups	Energy communities Citizens and civil society									
Objectives of the initiative	All the objectives									
Languages	English and other languages									
Main outputs relevant for DISCOVER										
The main outputs of the project are: 1) Energy Communities Governance Toolkit 2) E-Learning Platform 3) Digital Hub 4) Decision Support System (DSS). They are provided by the Comanage Open Platform.										
Main funding sources	EU programmes and facilities									
Timeframe from	2022			to	2025					
Current status	Ongoing implementation									
Website										
https://webgate.ec.europa.eu/life/publicWebsite/project/LIFE21-CET-ENERCOM-COMANAGE-101076753/developing-a-transnational-governance-and-holistic-integrated-services-framework-supporting-the-sustainability-of-european-energy-communities										
Contacts available from the website (Name, position, phone, mail):										
info@ecoserveis.net										

Name of the initiative:												
Eurosolar for all: energy communities for a fair energy transition in Europe (Sun4All)												
Description:												
The EU-funded Sun4All project will design a financial support scheme for renewable energy access for energy-poor households. Specifically, it will offer vulnerable consumers the opportunity to subscribe to community solar. The overall idea is to offer solar shares to vulnerable consumers instead of a traditional social subsidy. The beneficiaries of the programme will be co-owners of a local PV plant and the revenues produced through the generation and selling of the energy will be used to reduce energy bills.												
Potential synergies for building on existing achievements:	C&D:	NO	Training :	NO	Services:	YES	Funding:	NO				
		NO	Using existing achievements:		YES							
Level of the initiative	European				Geographic coverage				EU- wide			
Countries involved	IT	ES	PT	FR								
Delivery organisation	Public				Private							
Key area of the delivery organization	Technical Financial											
Targeted technical types of CEP	PV/solar project											
Target groups	Citizens and civil society											
Objectives of the initiative	Financial assistance											
Languages	English											
Main outputs relevant for DISCOVER												
The main outputs of the project are 1) financial support scheme 2) tailored energy advice to optimize energy bills and alleviate energy poverty												
Main funding sources	EU programmes and facilities											
Timeframe from	2021				to	2024						
Current status	Ongoing implementation											
Website												
https://cordis.europa.eu/project/id/101032239												
Contacts available from the website (Name, position, phone, mail):												
info@ecoserveis.net												

Name of the initiative:												
Community Energy for Energy Solidarity (CEES)												
Description:												
Solidarity is a key principle of the just, clean energy transition which specifically recognises an important role for energy communities (ECs). CEES aims to validate EC actions that uphold energy justice and alleviate energy poverty. The CEES project identifies and analyses the most successful cases of community energy initiatives to tackle energy poverty in Europe, validates them academically and empirically, supports the overcoming of regulatory and financial barriers, and then creates a toolkit for EU replication through RESCOOPs network of +3000 energy communities.												
Potential synergies for building on existing achievements:			C&D: YES		Training : NO			Services: YES		Funding: NO		
				NO		Using existing achievements: YES						
Level of the initiative			European			Geographic coverage				EU- wide		
Countries involved			HR	FR	UK	BE	PT					
Delivery organisation			Public				Private					
Key area of the delivery organization			Financial									
Targeted technical types of CEP			Energy efficiency									
Target groups			Citizens and civil society									
Objectives of the initiative			Data collection and analysis Best practices Tools									
Languages			English and other languages									
Main outputs relevant for DISCOVER												
The Energy Solidarity Toolkit (EST) will be built up with case studies, reports, 'how-to' manuals, guides and communications materials. The toolkit design will follow the 'identify-assess-alleviate methodology' and will have specific focus on legal and regulatory barriers and on financing issues.												
Main funding sources			EU programmes and facilities									
Timeframe from			2021				to		2024			
Current status			Fully operational									
Website												
https://cordis.europa.eu/project/id/101026972/it												
Contacts available from the website (Name, position, phone, mail):												
SNAP! SOLUTIONS, LDA. info@snap.partners												

Name of the initiative:													
Energy Communities – Local Ownership of Power (LOOP)													
Description:													
LIFE LOOP aims to enable local authorities to achieve their sustainable energy plans and strategies by catalyzing new EC partnerships and projects. The pilot regions have been chosen for their emerging energy communities and legal framework, and their strategic potential for using solar energy. The focus is in fact on community solar and energy efficiency, whilst exploring other opportunities. The project foresees different activities such as roadmaps and feasibility plans, “community energy-friendly” training and award programme for municipalities, resource library and match-making tools.													
Potential synergies for building on existing achievements:	C&D:	NO	Training :	NO	Services:	YES	Funding:	YES					
			YES	Using existing achievements:				YES					
Level of the initiative	European			Geographic coverage				EU- wide					
Countries involved	FR	RO	BE	HR	EL								
Delivery organisation	Private				Public								
Key area of the delivery organization	All areas												
Targeted technical types of CEP	PV/solar project All types of CEP												
Target groups	Energy communities												
Objectives of the initiative	All the objectives												
Languages	English and other languages												
Main outputs relevant for DISCOVER													
The LIFE LOOP community energy accreditation scheme will deliver 1) an institutional certificate for the municipality demonstrating foresightedness in energy community matters 2) An individual certificate for civil servants following the Community Energy Espresso training													
Main funding sources	EU programmes and facilities												
Timeframe from	2022				to	2025							
Current status	Ongoing implementation												
Website													
https://webgate.ec.europa.eu/life/publicWebsite/project/LIFE21-CET-ENERCOM-LIFE-LOOP-101077085/energy-communities-local-ownership-of-power													
Contacts available from the website (Name, position, phone, mail):													
ENERGY CITIES/ENERGIE-CITES ASSOCIATION https://energy-cities.eu/contact-us/													

Name of the initiative:												
Boosting Energy Communities massive deployment by equipping local authorities with comprehensive technical assistance cookBook, integrated services and capacity building (BECKON)												
Description:												
LIFE-BECKON stimulates and boosts the deployment of Energy Communities across Europe by developing and delivering comprehensive support mechanisms . The comprehensive support mechanism includes Technical Assistance cookbook to enable the creation of Technical Assistance Offices, Capacity Building program via Train the Trainer approach to increase stakeholder knowledge and integrated services via One Stop-Shop platform to facilitate access to information, tools and guides as well as matchmaking among actors along the value chain.												
Potential synergies for building on existing achievements:	C&D:	NO	Training :	YES	Services:	YES	Funding:	NO				
		YES	Using existing achievements:					YES				
Level of the initiative	European			Geographic coverage				EU- wide				
Countries involved	ES	DK	BG									
Delivery organisation	Public			Private				Local energy agency				
Key area of the delivery organization	All areas											
Targeted technical types of CEP												
Target groups	Energy communities											
Objectives of the initiative	Technical assistance											
Languages	English and other languages											
Main outputs relevant for DISCOVER												
1) a Technical Assistance cookbook to enable the creation of Technical Assistance Offices 2) LIFE-BECKON One-Stop-Shop (OSS) platform providing guidance to information, documents, templates you need 3) a Capacity Building programme via a Train the Trainer approach to increase stakeholder knowledge												
Main funding sources	EU programmes and facilities											
Timeframe from	2022				to	2025						
Current status	Ongoing implementation											
Website												
https://webgate.ec.europa.eu/life/publicWebsite/project/LIFE21-CET-ENERCOM-LIFE-BECKON-101076765/boosting-energy-communities-massive-deployment-by-equipping-local-authorities-with-comprehensive-technical-assistance-cookbook-integrated-services-and-capacity-building												
Contacts available from the website (Name, position, phone, mail):												
R2M SOLUTION SPAIN SL https://www.r2msolution.com/contact/												

Name of the initiative:												
Joining Actors for LOcal development of New large-scale regional energy communities (JALON)												
Description:												
JALON brings a new approach to facilitate the emergence and growth of citizen-led energy community projects throughout Europe. The methodology is rooted on the close collaboration of local stakeholders to bring these projects into operation as an instrument of social innovation, especially for rural regions where the lack of specific legislation adapted to their reality and specific needs could cause them to be left behind in the energy transition. JALON proposes to run a large-scale regional energy community and promotes it as an instrument in solving local social needs requested by people.												
Potential synergies for building on existing achievements:	C&D:	NO	Training :	NO	Services:	YES	Funding:	NO				
		NO	Using existing achievements:					YES				
Level of the initiative	European			Geographic coverage				Regional				
Countries involved	ES	PT	IT									
Delivery organisation	Public			Private				Local energy agency				
Key area of the delivery organization	Legislative											
Targeted technical types of CEP	All types of CEP											
Target groups	Energy communities Local businesses											
Objectives of the initiative	Development of synergies											
Languages	English and other languages											
Main outputs relevant for DISCOVER												
Creating a large-scale regional energy community in the Calatayud region directly promoted by citizens and local authorities from 87 villages. Specific objectives are: empowering rural areas as hubs of social innovation, achieving collaboration between citizens and local/regional authorities, turning the Calatayud region into a European reference.												
Main funding sources	EU programmes and facilities											
Timeframe from	2022				to	2026						
Current status	Ongoing implementation											
Website												
https://webgate.ec.europa.eu/life/publicWebsite/project/LIFE21-CET-ENERCOM-JALON-101076395/joining-actors-for-local-development-of-new-large-scale-regional-energy-communities												
Contacts available from the website (Name, position, phone, mail):												
UNIVERSIDAD POLITECNICA DE MADRID anabelen.cristobal@upm.es												

Name of the initiative:														
Collaboration between cities/regions and energy cooperatives as vehicles to accelerate the energy transition (TANDEMS)														
Description:														
In various countries such as in BE and NL, there is a valid worry that the CEC and REC models will be commercialised, removing the necessity of the participation of the citizens, whilst Energy Cooperatives are the right 'vehicles' to ensure a just and accelerated transition, including citizens in every step. Starting from the development of an open collaboration model, it will demonstrate how new and closer partnerships between cities/regions and energy cooperatives can lead to a region-wide supporting framework for community energy, one that can be widely replicated in EU regions.														
Potential synergies for building on existing achievements:			C&D: NO		Training : NO		Services: YES		Funding: NO					
				NO		Using existing achievements:				YES				
Level of the initiative			European			Geographic coverage				EU- wide				
Countries involved			BE	NL	BG									
Delivery organisation			Public				Private							
Key area of the delivery organization			Social											
Targeted technical types of CEP			All types of CEP											
Target groups			Citizens and civil society Energy communities											
Objectives of the initiative			Development of synergies Tools Technical assistance Financial assistance											
Languages			English and other languages											
Main outputs relevant for DISCOVER														
The project aims to design a 1) TANDEMS open collaboration model 2) impact monitoring and evaluation tools + practical guidance to EC on how to use those tools 3) Buisness models and early stage financial and technical support [https://lifetandems.eu/about/]														
Main funding sources			EU programmes and facilities											
Timeframe from			2022				to		2025					
Current status			Ongoing implementation											
Website														
https://webgate.ec.europa.eu/life/publicWebsite/project/LIFE21-CET-ENERCOM-TANDEMS-101077514/collaboration-between-cities-regions-and-energy-cooperatives-as-vehicles-to-accelerate-the-energy-transition														
Contacts available from the website (Name, position, phone, mail):														
AUTONOOM PROVINCIEBEDRIJF KAMP C info@kampc.be														

Name of the initiative:												
ECOEMPOWER												
Description:												
ECOEMPOWER will support the creation or further development of One-Stop-Shop (OSS) in 5 regions. The OSS, as a physical and virtual hub, will propose various services and tools (e.g. technical support, information and awareness raising for citizens, funding opportunities, networking etc.) to support energy communities. ECOEMPOWER' s activities will be developed and tested with the active participation of 5 regional authorities, leading to the creation of 5 regional OSSs, which services will be tested in 15 local energy communities.												
Potential synergies for building on existing achievements:			C&D: YES		Training : NO			Services: YES		Funding: YES		
			YES		Using existing achievements: YES							
Level of the initiative			European			Geographic coverage				EU- wide		
Countries involved			FR	DE	IT	EL	BE					
Delivery organisation			Public				Private			Local energy agency		
Key area of the delivery organization			All areas									
Targeted technical types of CEP			All types of CEP									
Target groups			Energy communities									
Objectives of the initiative			All the objectives									
Languages			English and other languages									
Main outputs relevant for DISCOVER												
The overall outputs of ECOEMPOWER are 1) designing and setting up regional One Stop Shops (OSS) offering integrated services and tools to local energy communities 2) high level trainings												
Main funding sources			EU programmes and facilities									
Timeframe from			2022			to		2025				
Current status			Ongoing implementation									
Website												
https://ecoempower.eu/												
Contacts available from the website (Name, position, phone, mail):												
FONDAZIONE BRUNO KESSLER (IT) ecoempower@fbk.eu												

Name of the initiative:											
EC4RURAL											
Description:											
EC4RURAL aims to uplift Energy Communities in rural municipalities across Europe, that face with significant challenges and energy poverty. EC4RURAL promotes to enhance relationships between regional and local authorities and Local Action Groups, to contribute to the Clean Energy Transition (CET) in Europe, and ensure all stakeholders are included. Citizens and local actors will be encouraged to participate in or benefit from CET processes led by Rural Energy Communities (REC), utilizing renewable energy production and the sale of surplus energy.											
Potential synergies for building on existing achievements:	C&D:	NO	Training :	YES	Services:	YES	Funding:	NO			
		NO	Using existing achievements:	YES							
Level of the initiative	European			Geographic coverage				EU- wide			
Countries involved	ES	BE	EE								
Delivery organisation	Public				Private						
Key area of the delivery organization	All areas										
Targeted technical types of CEP	All types of CEP										
Target groups	Energy communities										
Objectives of the initiative	Tools Legal assistance										
Languages	English and other languages										
Main outputs relevant for DISCOVER											
1) Training platform 2) Methodology for carrying out local energy analysis 3) Guidelines, newsletters and information sessions 4) Policy recommendations											
Main funding sources	EU programmes and facilities										
Timeframe from	2022			to	2025						
Current status	Ongoing implementation										
Website											
https://ec4rural.webs.uvigo.gal/											
Contacts available from the website (Name, position, phone, mail):											
info.ec4rural@uvigo.gal											

Name of the initiative:														
COMET														
Description:														
COMET aims to create national community energy coalitions, fostering the collaboration of key stakeholders, creating better conditions for energy communities through collective policy advocacy, and supporting and enabling citizens to participate in community energy projects, with the establishment of Community Energy Service Points as support hubs. The focus is on Eastern European countries, where specific market and regulatory barriers to the uptake of ECs are identified. The proposed action proposes to build on the REScoop.eu model, to transfer it to Eastern Europe.														
Potential synergies for building on existing achievements:			C&D: YES		Training : NO		Services: YES		Funding: NO					
			NO		Using existing achievements:							YES		
Level of the initiative		European			Geographic coverage					EU- wide				
Countries involved		EL	HR	RO	HU	SI	PL	EE						
Delivery organisation		Public					Private							
Key area of the delivery organization		All areas												
Targeted technical types of CEP		All types of CEP												
Target groups		Citizens and civil society Policymakers												
Objectives of the initiative		Information to the public Development of synergies												
Languages		English and other languages												
Main outputs relevant for DISCOVER														
1) networking – connecting civil energy stakeholders for the eastern part of the EU 2) capacity building – to provide the knowledge and skills needed through a technical assistance program 3) regulatory support – transforming regulatory frameworks for greater support for civic energy communities														
Main funding sources		EU programmes and facilities												
Timeframe from		2022					to		2025					
Current status		Ongoing implementation												
Website														
https://webgate.ec.europa.eu/life/publicWebsite/project/LIFE22-CET-LIFE-COMET-101120519/coalitions-for-community-energy-catalyzation-in-eastern-eu														
Contacts available from the website (Name, position, phone, mail):														
contact@zez.coop														

Name of the initiative:												
Energy Communities Repository												
Description:												
The Energy Communities Repository is an initiative on behalf of the European Commission that will become the European advisory and information hub monitoring the legal, regulatory and policy framework relevant to energy communities across Member States and collecting data on energy communities' development in the EU. The Repository will also provide guidance regarding the set-up of energy communities and disseminate best practices from energy communities across Europe. The consortium is composed of RESCOOP.eu, FEDARENE, Energy Cities, Florence School of Regulation and Akaryon.												
Potential synergies for building on existing achievements:	C&D:	YES	Training :	NO	Services:	YES	Funding:	NO				
		NO	Using existing achievements:		YES							
Level of the initiative	European			Geographic coverage				EU- wide				
Countries involved	EU											
Delivery organisation	Public											
Key area of the delivery organization	Technical											
Targeted technical types of CEP	All types of CEP											
Target groups	All the target groups											
Objectives of the initiative	Tools Data collection and analysis Best practices Technical assistance											
Languages	English											
Main outputs relevant for DISCOVER												
Through a dedicated website, the Energy Communities Repository shared best practices, guidance materials, a policy analysis database, a map of energy communities, a Helpdesk, Solar PV consumption calculator, CO2 footprint calculator, etc.												
Main funding sources	EU programmes and facilities											
Timeframe from	2022			to	2024							
Current status	Ended											
Website												
https://energy-communities-repository.ec.europa.eu/index_en												
Contacts available from the website (Name, position, phone, mail):												
info@ec-repository.eu												

Name of the initiative:												
Rural Energy Community Advisory Hub												
Description:												
It is an initiative of the European Commission, which aims to accelerate the development of sustainable energy community projects in European rural areas. The main activities of the initiative will be the identification of best practices and the provision of technical assistance and networking opportunities to the energy communities and local stakeholders selected to participate. Building on the work of the Energy Communities Repository and the Covenant of Mayors, the project will provide important information for European institutions and national, regional and local authorities.												
Potential synergies for building on existing achievements:	C&D: YES	Training : NO	Services: YES	Funding: NO								
	NO	Using existing achievements:		YES								
Level of the initiative	European		Geographic coverage				EU- wide					
Countries involved	EU											
Delivery organisation	Public											
Key area of the delivery organization	Technical											
Targeted technical types of CEP	All types of CEP											
Target groups	Energy communities											
Objectives of the initiative	Technical assistance Development of synergies Information to the public Data collection and analysis											
Languages	English											
Main outputs relevant for DISCOVER												
1) Guidance documents and dissemination material 2) mapping of Rural Energy Communities across Europe + technical assistance to such initiatives 3) further developing (sustainable) community energy action in rural areas 4) online technical assistance documents and events												
Main funding sources	EU programmes and facilities											
Timeframe from	2022				to	2024						
Current status	Ended											
Website												
https://wayback.archive-it.org/12090/20240320084824/https://rural-energy-community-hub.ec.europa.eu/index_en												
Contacts available from the website (Name, position, phone, mail):												
https://wayback.archive-it.org/12090/20240322085633/https://rural-energy-community-hub.ec.europa.eu/contact-us_en												

Name of the initiative:													
Citizen-Led Renovation (CLR)													
Description:													
CLR aims to empower existing and prospective energy communities to put citizens in the driver's seat for energy-saving renovation projects. The support service is underway to strengthen community building and assist in replicating programmes for energy renovations of buildings. CLR is helping the four pilot projects to overcome financial, legal, technical and informational barriers and deliver future-proof residential buildings. CLR Phase II will expand the support services with various levels of support, combining one-on-one sessions, webinars, workshops, peer-to-peer learning and events.													
Potential synergies for building on existing achievements:			C&D: NO		Training : NO			Services: YES		Funding: NO			
					NO		Using existing achievements:					NO	
Level of the initiative			European			Geographic coverage				EU- wide			
Countries involved			BE	PT	IE	BG							
Delivery organisation			Public										
Key area of the delivery organization			Technical										
Targeted technical types of CEP			All types of CEP										
Target groups			Energy communities										
Objectives of the initiative			All the objectives										
Languages			English										
Main outputs relevant for DISCOVER													
phase I) support service for the 4 pilots; Phase II) expanding our support services with various levels of support, combining one-on-one sessions, webinars, workshops, peer-to-peer learning and events. / Citizen led renovation exchange platform													
Main funding sources			EU programmes and facilities										
Timeframe from			Not defined				to		Not defined				
Current status			Ongoing implementation										
Website													
https://citizen-led-renovation.ec.europa.eu/index_en													
Contacts available from the website (Name, position, phone, mail):													
citizen-led-renovation@steinbeis-europa.de													

Name of the initiative:														
SCCALE 203050														
Description:														
SCCALE 20-30-50 will provide innovative ways to look at energy efficiency in order to reinforce and build local communities. It will be carried out by a consortium of energy cooperatives and local authorities coordinated by RESCOOP and supported by EnergyCities. The project will develop a comprehensive methodology and toolkit for the creation of energy communities that can be replicated across Europe. Community schemes deployed cover different energy services beyond energy generation including energy efficiency renovations and heating.														
Potential synergies for building on existing achievements:			C&D: NO		Training : YES		Services: NO		Funding: NO					
			YES		Using existing achievements: YES									
Level of the initiative			European			Geographic coverage				EU- wide				
Countries involved			BE	FR	HR	EL	NL							
Delivery organisation			Public				Private							
Key area of the delivery organization			Technical											
Targeted technical types of CEP			All types of CEP											
Target groups			Energy communities Citizens and civil society Policymakers											
Objectives of the initiative			Tools											
Languages			English and other languages											
Main outputs relevant for DISCOVER														
The SCCALE 20-30-50 toolkit will include different guides 1) Inclusivity guide 2) Community energy methodology guide 3) Community energy municipal guide 4) Financing guide 5) Financing guide-short guide for banks 6) Policy recommendations 7) Monitoring tool														
Main funding sources			EU programmes and facilities											
Timeframe from			2021				to		2024					
Current status			Ongoing implementation											
Website														
https://www.sccale203050.eu/														
Contacts available from the website (Name, position, phone, mail):														
Zelena Energetska Zadruga, +385 1 2095 552, contact@zez.coop														

Name of the initiative:												
POWERYOUTH												
Description:												
The proposal aims to develop a participatory approach that establishes a dialogue between youth and local stakeholders to empower young people (15-30 years old) in actively participating in energy communities. This will be based, among other elements, on the creation of tools for participation and financing of energy communities, the formulation of policy recommendations to facilitate the engagement of young people in the clean energy transition and awareness-raising actions.												
Potential synergies for building on existing achievements:			C&D: NO		Training : YES			Services: YES		Funding: NO		
			NO		Using existing achievements:						NO	
Level of the initiative			European			Geographic coverage				EU- wide		
Countries involved			EL	AT	FR	LV	PL	PT	CH			
Delivery organisation			Private									
Key area of the delivery organization			Financial									
Targeted technical types of CEP			All types of CEP									
Target groups			Citizens and civil society									
Objectives of the initiative			Tools Development of synergies									
Languages			English and other languages									
Main outputs relevant for DISCOVER												
1) tools (participate, decision, finance tools) that will help support collective decision-making and the adoption of innovative business models 2) capacity-building program to train young pioneers who will form the Youth Energy Community Leaders group 3) participatory platform to support the dialogue between young people and local authorities.												
Main funding sources			EU programmes and facilities									
Timeframe from			2024				to		2026			
Current status			Ongoing implementation									
Website												
https://europa.eu/!qfdGyW												
Contacts available from the website (Name, position, phone, mail):												
Stamatia RIZOU, Research Associate, srizou@singularlogic.eu												

Name of the initiative:												
POWER UP!												
Description:												
The fight against energy poverty hinges on the successful engagement of regional and public authorities. In this context, the EU-funded POWER UP project will support cities' efforts to plan and sustain the creation of local energy players with a social agenda. Its overall aim is to develop and strengthen local energy market players and share experience to facilitate replication in more countries. That is why the overall objective of POWER UP! is for cities to go beyond their planning role and sustain the creation of local energy market players with a social agenda.												
Potential synergies for building on existing achievements:			C&D: NO		Training : YES		Services: NO		Funding: NO			
			YES		Using existing achievements: YES							
Level of the initiative			European			Geographic coverage				EU- wide		
Countries involved			BE	NL	IT	ES	NMK					
Delivery organisation			Public				Private					
Key area of the delivery organization			Social									
Targeted technical types of CEP			All types of CEP									
Target groups			Citizens and civil society Policymakers									
Objectives of the initiative			Tools Data collection and analysis Financial assistance									
Languages												
Main outputs relevant for DISCOVER												
1) a practical guide and toolkit for practitioners looking to engage vulnerable households in social energy projects as well as other partners and stakeholders 2) Guidelines on RES production business case 3) 6 national guides for a step-by-step approach to set up social energy market players 4) Brochure on setting up social energy market players												
Main funding sources			EU programmes and facilities									
Timeframe from			2021				to		2025			
Current status			Ongoing implementation									
Website												
https://www.socialenergyplayers.eu/												
Contacts available from the website (Name, position, phone, mail):												
Energy Cities Association, +33 (0)3 81 65 36 80												

Name of the initiative:													
Access to Capital for Community Energy (ACCE)													
Description:													
A common challenge many face is limited access to capital. The demand for innovative financing models tailored to the needs of energy communities is growing but the market is not providing adequate solutions. The market gap between available funding and the specific needs of community energy initiatives is widening. However, all across Europe appears the emergence of new alternatives: Community Energy Financing Schemes (CEFS). ACCE aims to harness the wisdom of these pioneering European models by replicating and adapting them across the continent.													
Potential synergies for building on existing achievements:			C&D: NO		Training : YES		Services: YES		Funding: NO				
			YES		Using existing achievements: YES								
Level of the initiative			European				Geographic coverage			EU- wide			
Countries involved			FR	RO	HR	NL	ES	BE					
Delivery organisation			Private										
Key area of the delivery organization			Social										
Targeted technical types of CEP			All types of CEP										
Target groups			Citizens and civil society Local businesses Policymakers										
Objectives of the initiative			Tools Financial assistance Best practices										
Languages			English and other languages										
Main outputs relevant for DISCOVER													
Toolbox: 1) Best Practice Report on Community Energy Financing Schemes 2) Database Community Energy Financing Schemes 3) ACCE Financial Handbook 4) RES Project Development Guide 5) ACCE Self-Management Guide. Need to develop a paneuropean financing organization: 6) creating EU intermediary													
Main funding sources			EU programmes and facilities										
Timeframe from			2022				to		2025				
Current status			Ongoing implementation										
Website													
https://acce.rescoop.eu/													
Contacts available from the website (Name, position, phone, mail):													
Stanislas HERBEMONT, stan.herbemont@rescoop.eu													

Name of the initiative:														
OSR COOP - One Stop Renovation Co-op														
Description:														
Most of the existing OSS models face a number of challenges. The OSR-Coop project will see the further development and piloting of three cooperative One-stop-shop (OSS) building renovation services into integrated services with a focus on deep renovation for households. The OSR-Coop Project aims to gain a comprehensive understanding of the concept of One-Stop Shop (OSS) in the context of citizen-led renovations (CLR). The project will involve the identification of best cooperative practices in the areas of service actions, customer journey, ICT and data development, and business models.														
Potential synergies for building on existing achievements:			C&D: NO		Training : NO		Services: YES		Funding: NO					
				NO		Using existing achievements:				NO				
Level of the initiative			European			Geographic coverage				EU- wide				
Countries involved			PT	IE	FR	BE								
Delivery organisation			Private											
Key area of the delivery organization			Financial											
Targeted technical types of CEP			Energy efficiency											
Target groups			Citizens and civil society											
Objectives of the initiative			Best practices Development of synergies Technical assistance											
Languages			English and other languages											
Main outputs relevant for DISCOVER														
The goal is to establish a financially viable and cooperatively-run one-stop shop model that can be replicated throughout Europe. To ensure widespread adoption, the project will create an easily accessible replication toolkit and conduct training modules that will be disseminated across Europe.														
Main funding sources			EU programmes and facilities											
Timeframe from			2022				to		2025					
Current status			Approved but not implemented											
Website														
https://osr-coop.rescoop.eu/														
Contacts available from the website (Name, position, phone, mail):														
SNAP! SOLUTIONS, info@snap.partners, (+351) 915 491 368														

Name of the initiative:												
National observatory to promote Renewable Energy Communities												
Description:												
The observatory is composed by 40 members (research institutes, local authorities, associations, companies and professionals) to promote the development of CERs in the different stages of implementation and management. The network is designed to promote a national development roadmap and to identify the critical issues of the "CER chain" collaborating with the institutions in the preparation of enabling policies that favour the communities through the adoption of specific legislative and administrative measures.												
Potential synergies for building on existing achievements	C&D	YES	Training	NO	Services	YES	Funding	NO				
			YES	Using existing achievements					YES			
Level of the initiative	National			Geographic coverage				National				
Countries involved	IT											
Delivery organisation	Public											
Key area of the delivery organization	Technical Financial Legislative											
Targeted technical types of CEP	PV/solar project											
Target groups	Citizens and civil society Public authorities and governments											
Objectives of the initiative	Data collection and analysis Technical assistance Legal assistance Tools											
Languages	Italian											
Main outputs relevant for DISCOVER												
Possibility to become member of the observatory - Activities to facilitate the exchange of experiences and the transfer of good practices to different territorial contexts - Standard models (management, technological (ICT), legal and economical) (management, technological (ICT), legal and economical)												
Main funding sources	National/local funding											
Timeframe from	2022				to	2024						
Current status	Ongoing implementation											
Website												
https://sue.enea.it/osservatorio-enea-per-le-comunita-energetiche/												
Contacts available from the website (Name, position, phone, mail):												
Nicoletta Gozo, ENEA - Divisione Smart Energy, nicoletta.gozo@enea.it Matteo Caldera, ENEA - Divisione Smart Energy, matteo.caldera@enea.it												

Name of the initiative:													
National Recovery and Resilience Plan (PNRR) for CERs and self consumption development													
Description:													
The initiative provides for a non-repayable contribution for the creation of CERs in municipalities under 5000 inhabitants. The contribution is for building a new plant or upgrade an existing one.													
The power concession is at least 2 GW until 30 June 2026 and can be combined with incentive rate. PNRR resources amount to EUR 2.2 billion.													
Potential synergies for building on existing achievements			C&D NO		Training NO		Services NO		Funding YES				
			NO		Using existing achievements NO								
Level of the initiative			National			Geographic coverage			Municipal				
Countries involved			IT										
Delivery organisation			Public										
Key area of the delivery organization			Financial										
Targeted technical types of CEP			All types of CEP										
Target groups			Citizens and civil society		Energy communities		Public authorities and governments						
Objectives of the initiative			Financial assistance										
Languages			Italian										
Main outputs relevant for DISCOVER													
Financing support for municipalities with less than 5000 inhabitants (i.e Castelli municipality that signed the LOS)													
Main funding sources			EU programmes and facilities										
Timeframe from			2024		to		2026						
Current status			Approved but not implemented										
Website													
https://www.mase.gov.it/archivio-bandi-pnrr													
Contacts available from the website (Name, position, phone, mail):													
urp@mase.gov.it													

Name of the initiative:												
Energy Communities and collective self consumption												
Description:												
The initiative aims to support and facilitate RECs and collective self consumption implementation. In particular, it provides for financial support, the collection of most frequently asked questions, the interactive map of primary cabins, the training for local authorities, the templates for the access to incentives, .												
Potential synergies for building on existing achievements			C&D	YES	Training	YES	Services	YES	Funding	YES		
			YES	Using existing achievements						NO		
Level of the initiative			National			Geographic coverage			National			
Countries involved			IT									
Delivery organisation			Public									
Key area of the delivery organization			Financial			Technical			Administrative			
Targeted technical types of CEP			All types of CEP									
Target groups			All the target groups									
Objectives of the initiative			Information to the public Tools Administrative assistance Data collection and analysis Financial assistance									
Languages			Italian									
Main outputs relevant for DISCOVER												
The initiative provides: the interactive map of primary cabins throughout Italy; free online training for local authorities; template and platform for applying for incentives; FAQ section; useful documents concerning legislation and implementing rules.												
Main funding sources			National/local funding									
Timeframe from			Not defined			to			Not defined			
Current status			Ongoing implementation									
Website												
https://www.gse.it/servizi-per-te/autoconsumo/gruppi-di-autoconsumatori-e-comunita-di-energia-rinnovabile												
Contacts available from the website (Name, position, phone, mail):												
Estella Pancaldi, Promotion and assistance to PA, estella.pancaldi@gse.it; Marta Mango, Supporting energy efficiency for PA, marta.mango@gse.it												

Name of the initiative:												
GOCER - Operating group for Renewable Energy Communities												
Description:												
GOCER is a network created to form a local network of professionals, designers, technicians, installers and maintainers in the field of Energy Communities. The objective is to share these resources with other communities, reducing the costs. GOCER is a local network that aims to replicate in other territories autonomous clusters of local subjects. GOCER is the operating group of professionals in the field of technology, legal, administrative, who share logic of energy systems simulation, design, interoperability and criteria of choice of management platforms.												
Potential synergies for building on existing achievements			C&D	NO	Training	YES	Services	YES	Funding	NO		
			YES	Using existing achievements								NO
Level of the initiative			National			Geographic coverage			Municipal			
Countries involved			IT									
Delivery organisation			Private									
Key area of the delivery organization			All areas									
Targeted technical types of CEP			All types of CEP									
Target groups			Citizens and civil society Public authorities and governments Local businesses									
Objectives of the initiative			Technical assistance Financial assistance Legal assistance Administrative assistance									
Languages			Italian									
Main outputs relevant for DISCOVER												
Replication of their structure on territory covered by DISCOVER project												
Main funding sources			Not defined									
Timeframe from			2020 or earlier			to			2027 or later			
Current status			Ongoing implementation									
Website												
www.gocer.it												
Contacts available from the website (Name, position, phone, mail):												
info@gocer.it												

Name of the initiative:												
IFEC - Italian Forum of Energy Communities												
Description:												
IFEC is an initiative promoted by WEC Italia and the Energy Center of Politecnico of Torino to support the development of Italian Energy Communities. The Forum is:												
- the broadest multi-stakeholder national platform in terms of sharing experiences, setting up and managing CERs in Italian territories;												
- third interlocutor towards the institutions on regulatory and technical issues;												
- promoter of the Annual Conference of Energy Communities and the «CER of the Year- IFEC Award»;												
-trainer on topics related to the development of CERs												
Potential synergies for building on existing achievements	C&D	YES	Training	YES	Services	NO	Funding	YES				
		YES	Using existing achievements		NO							
Level of the initiative	National			Geographic coverage	National							
Countries involved	IT											
Delivery organisation	Private											
Key area of the delivery organization	All areas											
Targeted technical types of CEP	All types of CEP											
Target groups	Energy communities Public authorities and governments Local businesses Policymakers											
Objectives of the initiative	Development of synergies Administrative assistance Legal assistance Technical assistance Best practices											
Languages	Italian											
Main outputs relevant for DISCOVER												
Become a Membership in a multi-energy and multi-stakeholder network												
Participation in events and activities organized by the Forum												
Support in the programming of events, workshops and studies												
Realization of interviews, editorial and dissemination of activities on the communication channels of the Forum												
Main funding sources	Fees from users											
Timeframe from	2021			to	2027 or later							
Current status	Fully operational											
Website												
https://wec-italia.org/IFEC												
Contacts available from the website (Name, position, phone, mail):												
IFEC – Italian Forum of Energy Communities - Tel : +39 3924822149 -e-mail: segreteria@ifec.it -												

Name of the initiative:														
Complementary Fund to the PNRR for earthquake areas 2009 and 2016														
Description:														
The initiative is provided by the Complementary Fund to the National Recovery and Resilience Plan (NRRP) for the areas damaged by the 2009 and 2016 earthquakes in Central Italy (Abruzzo, Lazio, Marche, Umbria regions) under the NextAppennino programme. It provides economic support (68M€) to build energy plants from renewable sources (electric and thermal) and Renewable Energy Community. The direct beneficiaries of the economic support are public local authorities.														
Potential synergies for building on existing achievements			C&D NO		Training NO		Services NO		Funding YES					
			NO		Using existing achievements							NO		
Level of the initiative			National			Geographic coverage				Regional				
Countries involved			IT											
Delivery organisation			Public					Private						
Key area of the delivery organization			Financial											
Targeted technical types of CEP			All types of CEP											
Target groups			Energy communities Public authorities and governments Citizens and civil society Local businesses											
Objectives of the initiative			Financial assistance Legal assistance Data collection and analysis Administrative assistance											
Languages			Italian											
Main outputs relevant for DISCOVER														
The main output is the creation of synergies with the 5 financed projects in the Province of Teramo.														
Main funding sources			National/local funding											
Timeframe from			2022				to		2025					
Current status			Ongoing implementation											
Website														
https://www.comunirinnovabili.it/areesima/														
Contacts available from the website (Name, position, phone, mail):														
energia.sismapnrr@governo.it														

Name of the initiative:													
Synergies: development of energy communities on a social scale													
Description:													
With this Initiative, the Compagnia di San Paolo Foundation intends to support the Third Sector Entities (ETS) and the Public Entities interested in the development of RECs with social impact on their territory. The initiative is in 3 phases: Preliminary phase - Request for expression of interest Phase 1 - Development of the pre-feasibility study Phase 2 - Support for the development and implementation of RECs with social impact thanks to the implementation of a capacity building program and info package tool in Piedmont and Lombardy regions. A new call is expected in March 2024.													
Potential synergies for building on existing achievements			C&D	YES	Training			NO	Services		YES	Funding	NO
			YES	Using existing achievements						YES			
Level of the initiative			Regional			Geographic coverage			Regional				
Countries involved			IT										
Delivery organisation			Private										
Key area of the delivery organization			Social										
Targeted technical types of CEP			All types of CEP										
Target groups			Other to specify Public authorities and governments										
Objectives of the initiative			Technical assistance Information to the public Legal assistance										
Languages			Italian					English					
Main outputs relevant for DISCOVER													
"Info package tool" that includes a vademecum on technological, legal, social, governance and economic management aspects of RECs, 4 videos by experts on the previous topics (https://www.youtube.com/playlist?list=PLucLrnavXFGV2Rfq99GI9VPIPLcxrOf5G)													
Main funding sources			Private funds										
Timeframe from			2022				to		2023				
Current status			Ended										
Website													
https://www.compagniadisanpaolo.it/it/news/le-cer-come-innovazione-sociale/													
Contacts available from the website (Name, position, phone, mail):													
missioneambiente@compagniadisanpaolo.it (specify in the object the name "Synergies")													

Name of the initiative:										
Network for supportive and renewable energy communities										
Description:										
The initiative aims to build a bottom-up alliance to fight energy poverty. The initiative focuses the attention on contexts with strong criticalities, both environmental and socio-economic, to build processes of participation and social innovation capable of triggering a deep change of territories, with a view to greater environmental and social justice. To be part of the network, it's necessary to sign a "manifesto"										
Potential synergies for building on existing achievements			C&D	YES	Training	NO	Services	NO	Funding	NO
				YES	Using existing achievements				NO	
Level of the initiative		National			Geographic coverage			National		
Countries involved		IT								
Delivery organisation		Third sector								
Key area of the delivery organization		Social Administrative								
Targeted technical types of CEP		All types of CEP								
Target groups		Energy communities Public authorities and governments Citizens and civil society								
Objectives of the initiative		Information to the public Best practices Tools								
Languages		Italian								
Main outputs relevant for DISCOVER										
Practical guide for the development of RECs and solidarity and collective self-consumption. Legislative framework and updated regional calls.										
Main funding sources		Private funds								
Timeframe from		2021			to		Not defined			
Current status		Ongoing implementation								
Website										
https://www.legambiente.it/comunicati-stampa/nasce-la-rete-delle-comunita-energetiche-rinnovabili-e-solidali/										
Contacts available from the website (Name, position, phone, mail):										
Contact not available										

Name of the initiative:													
Support for the development of renewable energy communities in Emilia Romagna Region													
Description:													
The support covers different aspects: set up of Help Desk for Renewable Energy Communities, implementation of the regional law, incentives. is a service managed by ART-ER, on behalf of the Emilia-Romagna Region. You can submit a question about renewable energy communities or collective consumption groups by filling out a form. The initiative also provides documents on what are collective self-consumption and renewable energy communities, how to activate a renewable energy community, economic incentives and benefits of local energy sharing.													
Potential synergies for building on existing achievements			C&D	YES	Training			NO	Services		NO	Funding	NO
			YES	Using existing achievements						NO			
Level of the initiative			Regional			Geographic coverage			Regional				
Countries involved			IT										
Delivery organisation			Public										
Key area of the delivery organization			Administrative										
Targeted technical types of CEP			All types of CEP										
Target groups			Citizens and civil society Public authorities and governments Local businesses										
Objectives of the initiative			Information to the public Technical assistance Financial assistance Administrative assistance										
Languages			Italian										
Main outputs relevant for DISCOVER													
Two guidebooks:1 - Introduction to Energy Sharing Models and 2- Main legal models for the establishment of the RECs legal entity													
Main funding sources			National/local funding										
Timeframe from			2022			to			Not defined				
Current status			Ongoing implementation										
Website													
https://energia.regione.emilia-romagna.it/come-fare-per/help-desk-comunita-energetiche-rinnovabili ; https://energia.regione.emilia-romagna.it/comunita-energetiche/passaggio-per-passaggio-come-attivare-una-comunita-energetica-rinnovabile													
Contacts available from the website (Name, position, phone, mail):													
info@art-er.it - Tel. +39 051 6450411													

Name of the initiative:											
Campaign BeCOme: from villages to energy communities											
Description:											
The initiative is aimed at small Italian villages and includes three main actions: the widespread dissemination campaign on RECs; online training courses, accompanied by in-depth courses and verification; selection of ten municipalities for the pilots to support the implementation of RECs. The initiative is managed by Legambiente, Kyoto club and AzzeroCO2.											
Potential synergies for building on existing achievements			C&D	YES	Training	NO	Services	NO	Funding	NO	
			NO	Using existing achievements							NO
Level of the initiative		National			Geographic coverage			National			
Countries involved		IT									
Delivery organisation		Third sector			Private						
Key area of the delivery organization		Technical Administrative									
Targeted technical types of CEP		All types of CEP									
Target groups		Public authorities and governments									
Objectives of the initiative		Information to the public Technical assistance Administrative assistance Best practices									
Languages		Italian									
Main outputs relevant for DISCOVER											
The pilots can inspire DISCOVER implementation in small villages. In the Province of Teramo small villages are 20 out of 47.											
Main funding sources		Private funds									
Timeframe from		2022			to		2023				
Current status		Ended									
Website											
https://www.legambiente.it/campagna/become-dai-borghi-alle-comunita-energetiche/											
Contacts available from the website (Name, position, phone, mail):											
Not available											

Name of the initiative:															
Energie Partagée															
Description:															
Energie Partagée is the main citizens' movement for renewable energy in France, driving regional networks of communities. They has 3 activities: (1) assisting citizens' projects, (2) engaging citizens' savings for the energy transition, and (3) raising awareness about the movement. For that, they are structured into 3 entities, an association, a cooperative and an investor. They assist projects at each step and offer them fundings with the money collected from citizens. to date, 269 citizen-lead PV projects are labelled by Energie Partagée in France, among which 3 are located in Paris.															
Potential synergies for building on existing achievements			C&D	YES	Training			NO	Services			YES	Funding		YES
				YES	Using existing achievements									YES	
Level of the initiative		National			Geographic coverage				National						
Countries involved		FR													
Delivery organisation		Third sector													
Key area of the delivery organization		All areas													
Targeted technical types of CEP		PV/solar project Wind													
Target groups		Citizens and civil society Energy communities Public authorities and governments Local businesses													
Objectives of the initiative		Financial assistance Technical assistance Legal assistance Administrative assistance Development of synergies													
Languages		French													
Main outputs relevant for DISCOVER															
Investment solutions for CEP initiators Technical and general assistance to CEP initiators Dissemination of CEPs experiences															
Main funding sources			Fees from users												
Timeframe from		Not defined				to		Not defined							
Current status		Fully operational													
Website															
https://energie-partagee.org/															
Contacts available from the website (Name, position, phone, mail):															
01 80 18 92 21 (for a CEP initiator) 07 86 28 26 11 (for a saving subscriber)															

Name of the initiative:															
Enercoop															
Description:															
Enercoop is French main citizen initiative for the renewable market. It is a network of 11 regional cooperatives. It supplies renewable energy to the general consumer from 440 plants (200 plants in development), mainly citizen lead. 25% of the energy supplied is solar energy. It has been recently developing its own production sites, and starting to provide services to local projects : engineering, training, aid for funding. Enercoop buys the electricity generated by EnercitIF, the only energy-community based in Paris, and by other energy communities based in Paris Region.															
Potential synergies for building on existing achievements			C&D YES		Training YES		Services YES		Funding YES						
			YES		Using existing achievements							YES			
Level of the initiative			National			Geographic coverage				National					
Countries involved			FR												
Delivery organisation			Third sector				Private								
Key area of the delivery organization			Technical Financial												
Targeted technical types of CEP			PV/solar project												
Target groups			Citizens and civil society Energy communities												
Objectives of the initiative			Financial assistance Technical assistance Tools												
Languages			French												
Main outputs relevant for DISCOVER															
Provides opportunity and feasibility analysis, with a new offer for collective self-consumption projects. Also provides project management assistance. They may buy the energy produced by the CEPs.															
Main funding sources			Fees from users												
Timeframe from			2020 or earlier				to		2027 or later						
Current status			Fully operational												
Website															
https://www.enercoop.fr/															
Contacts available from the website (Name, position, phone, mail):															
https://www.enercoop.fr/contact															

Name of the initiative:														
ADEME (Agence de l'Environnement et de la Maitrise de l'Energie) - Agency for Ecological Transition														
Description:														
ADEME is the French national energy agency, aiming at the environmental transition of society. It takes part in environmental policies, raises awareness of the general public, brings advice and financial support to local projects, and works with researchers and universities. ADEME is part of EU Clean Energy Transition Partnership. ADEME is founding member of DISCOVER Paris pilot APC.														
Potential synergies for building on existing achievements			C&D YES		Training NO		Services NO		Funding YES					
			NO		Using existing achievements							YES		
Level of the initiative			National			Geographic coverage				National				
Countries involved			FR											
Delivery organisation			Public											
Key area of the delivery organization			All areas											
Targeted technical types of CEP			All types of CEP											
Target groups			All the target groups											
Objectives of the initiative			Information to the public											
Languages			French											
Main outputs relevant for DISCOVER														
Mobilization of citizens. Potential funds for OSS set-up. ADEME has granted APC funds for a research & action project aiming at fostering one CEP and at large, the development of collective self-consumption in city centers.														
Main funding sources			National/local funding											
Timeframe from			2020 or earlier				to		2027 or later					
Current status			Fully operational											
Website														
https://www.ademe.fr/														
Contacts available from the website (Name, position, phone, mail):														
https://www.ademe.fr/contact/ 01 47 65 20 00														

Name of the initiative:														
AMORCE														
Description:														
AMORCE is a network of French local authorities and their partners for environmental matters, AMORCE spreads knowledge on legal and practical issues through webinars, publications, events, etc. AMORCE advocates for environment-friendly policies at a national level.														
Potential synergies for building on existing achievements		C&D	YES	Training	NO	Services	YES	Funding	NO					
			YES	Using existing achievements						YES				
Level of the initiative		National			Geographic coverage				National					
Countries involved		FR												
Delivery organisation		Third sector			Public									
Key area of the delivery organization		Legislative Technical Administrative												
Targeted technical types of CEP		All types of CEP												
Target groups		Public authorities and governments Policymakers												
Objectives of the initiative		Legal assistance Administrative assistance Data collection and analysis Best practices												
Languages		French												
Main outputs relevant for DISCOVER														
Free access to advice and know-how on online platform. Replication towards local authorities.														
Main funding sources		National/local funding												
Timeframe from		2020 or earlier			to		2027 or later							
Current status		Fully operational												
Website														
Amorce - Déchets Énergie Eau														
Contacts available from the website (Name, position, phone, mail):														
One has to register (free of charge) https://amorce.asso.fr/ AMORCE@AMORCE.ASSO.FR														

Name of the initiative:														
CLER (Comité de Liaison pour les Energies Renouvelables) - The network for the energy transition														
Description:														
The CLER promotes renewable energies, energy moderation and energy transition. It is a network of 300 local structures (associations, authorities and entreprises). It defends a political agenda at the national and european levels (member of EREF and the Community power coalition). In France, it operates technical workgroups (in 2024, one workgroup involving DISCOVER Paris pilot APC focuses on RE projects and heritage conservation) and publishes relevant papers. It shares job offers and takes part in the governance of some stakeholders (among them : Enercoop, Energie Partagée, and APC).														
Potential synergies for building on existing achievements			C&D	YES	Training			NO	Services		NO	Funding		NO
				NO	Using existing achievements								YES	
Level of the initiative		National			Geographic coverage				National					
Countries involved		FR												
Delivery organisation		Third sector												
Key area of the delivery organization		All areas												
Targeted technical types of CEP		All types of CEP												
Target groups		All the target groups												
Objectives of the initiative		Information to the public Development of synergies Data collection and analysis												
Languages		French						English						
Main outputs relevant for DISCOVER														
Dissemination through news posts, or if possible guidebooks or webinars, as well as their online library of resources.														
Main funding sources			Not defined											
Timeframe from		Not defined				to		Not defined						
Current status		Fully operational												
Website														
https://cler.org/														
Contacts available from the website (Name, position, phone, mail):														
general contact : info@cler.org ; 01 55 86 80 00														

Name of the initiative:												
Enercit'IF												
Description:												
Paris-based, mostly citizen-owned energy production cooperative, it operates 16 solar plants on public buildings' roofs. One of the solar plants is operating individual self-consumption. Enercit'IF is looking for new roofs to install PV. Enercit'IF acts as an awareness raising actor empowering citizens. To date, Enercit'IF is the only known fully operational energy community in Paris city.												
Potential synergies for building on existing achievements			C&D	YES	Training	NO	Services	YES	Funding	NO		
			NO	Using existing achievements								YES
Level of the initiative			Municipal			Geographic coverage			National			
Countries involved			FR									
Delivery organisation			Third sector									
Key area of the delivery organization			Social									
Targeted technical types of CEP			PV/solar project									
Target groups			Citizens and civil society									
Objectives of the initiative			Information to the public Development of synergies									
Languages			French									
Main outputs relevant for DISCOVER												
Sharing its experience as a former CEP to know about their hurdles and needs. Facilitating contacts with key stakeholders. Disseminating DISCOVER results. Build synergies with CEPs if possible.												
Main funding sources			Not defined									
Timeframe from			2020 or earlier			to			2027 or later			
Current status			Fully operational									
Website												
Accueil - EnerCit'IF (enercitif.org)												
Contacts available from the website (Name, position, phone, mail):												
https://enercitif.org/nous-contacter/												

Name of the initiative:											
Asder - School for sustainable buildings											
Description:											
Asder is a non-profit professional training school for sustainable building jobs. It is a reference in France, especially for photo voltaic matters. It was founded 41 years ago. Based in Savoie (French Alps), Asder is also a local service provider for the energy retrofitting of buildings.											
Potential synergies for building on existing achievements			C&D	YES	Training	YES	Services	NO	Funding	NO	
				YES	Using existing achievements						YES
Level of the initiative		Regional			Geographic coverage			National			
Countries involved		FR									
Delivery organisation		Local energy agency									
Key area of the delivery organization		Technical Financial Administrative									
Targeted technical types of CEP		PV/solar project Energy efficiency Biomass									
Target groups		Local businesses Public authorities and governments									
Objectives of the initiative		Development of synergies									
Languages		French									
Main outputs relevant for DISCOVER											
Training courses on photo voltaic and energy management in buildings. Integration of DISCOVER outputs into their training.											
Main funding sources		National/local funding									
Timeframe from		2020 or earlier			to		2027 or later				
Current status		Fully operational									
Website											
https://www.asder.asso.fr/je-recherche-une-formation/											
Contacts available from the website (Name, position, phone, mail):											
https://www.asder.asso.fr/contact/											

Name of the initiative:										
Flame - Federation of local energy and climate agencies										
Description:										
Flame gathers all the local climate and energy agencies (ALEC) in France. APC is member of Flame, as are all the ALEC of the Paris metropolitan area.										
Each ALEC has developed their own support initiatives of PV projects and CEPs. Some ALEC provide free technical support. An undergoing workgroup with several of these ALEC, among which APC, and under the supervision of Hespul, is focusing on multi-apartment PV generation projects.										
Also, Flame operates an annual symposium for the exchange of good practices.										
Potential synergies for building on existing achievements			C&D	YES	Training	YES	Services	YES	Funding	NO
				NO	Using existing achievements					YES
Level of the initiative		Provincial			Geographic coverage			National		
Countries involved		FR								
Delivery organisation		Local energy agency								
Key area of the delivery organization		Technical Administrative Social								
Targeted technical types of CEP		All types of CEP								
Target groups		Citizens and civil society Energy communities Local businesses								
Objectives of the initiative		Technical assistance Administrative assistance Legal assistance Development of synergies Best practices								
Languages		French								
Main outputs relevant for DISCOVER										
Synergies for multi-apartment PV projects										
Dissemination of DISCOVER outputs among local energy agencies in France.										
Main funding sources		National/local funding								
Timeframe from		2020 or earlier			to		2027 or later			
Current status		Fully operational								
Website										
https://www.federation-flame.org/										
Contacts available from the website (Name, position, phone, mail):										
contact@federation-flame.org ; +33 (0)6 95 72 67 02 ; 14-20 avenue Mathurin Régnier 75015 Paris										

Name of the initiative:											
Izgrei BG											
Description:											
The first energy community in Bulgaria, a member of the European Federation of Renewable Energy Cooperatives. The community membership is free for anyone in the area who would invest in the project, and control over it is done democratically. The most important thing for the energy cooperative is to work in the interest of the community, not just the investors. Excitement is caused by the possibility that the income from the sale of electricity to the grid can be invested in improving the environment in the village - for example, in repairing roads.											
Potential synergies for building on existing achievements	C&D	NO	Training	YES	Services	YES	Funding	NO			
		YES	Using existing achievements								YES
Level of the initiative	National			Geographic coverage				Provincial			
Countries involved	BG										
Delivery organisation	Private										
Key area of the delivery organization	All areas										
Targeted technical types of CEP	PV/solar project										
Target groups	Citizens and civil society Energy communities										
Objectives of the initiative	Legal assistance Technical assistance Administrative assistance										
Languages	Bulgarian					English					
Main outputs relevant for DISCOVER											
Sharing experience and good practices for development of energy communities.											
Main funding sources	National/local funding										
Timeframe from	2023			to	2027 or later						
Current status	Ongoing implementation										
Website											
https://www.izgrei.bg/											
Contacts available from the website (Name, position, phone, mail):											
phone: +359 89 307 6706, email: office@izgrei.bg											

Name of the initiative:												
GABROVO ENERGY COMMUNITY												
Description:												
The Energy Community (EC) is implemented on the initiative of the Municipality of Gabrovo and will include a partnership between the Municipality, individuals and legal entities and small and medium-sized enterprises (SMEs). The Energy Community will be formed over a period of 10 years. The community includes 73 participants, among whom 31 are from Gabrovo, and the rest are residents of different parts of Bulgaria, including six legal entities.												
Potential synergies for building on existing achievements	C&D	NO	Training	YES	Services	YES	Funding	NO				
		YES	Using existing achievements				YES					
Level of the initiative	Municipal		Geographic coverage				Municipal					
Countries involved	BG											
Delivery organisation	Public											
Key area of the delivery organization	All areas											
Targeted technical types of CEP	PV/solar project											
Target groups	Citizens and civil society Public authorities and governments Local businesses											
Objectives of the initiative	Financial assistance Technical assistance Administrative assistance											
Languages	Bulgarian					English						
Main outputs relevant for DISCOVER												
Sharing experience and good practices for development of energy communities.												
Main funding sources	National/local funding											
Timeframe from	2022			to	2025							
Current status	Ongoing implementation											
Website												
https://gabrovo.bg/bg/page/1625												
Contacts available from the website (Name, position, phone, mail):												
Phone numb: +359 66 818400 +359 66 809371 gabrovo@gabrovo.bg												

Name of the initiative:													
UPSTAIRS - Uplifting Energy Communities													
Description:													
One-Stop-shop (OSS) Asenovgrad was created by the Municipality of Asenovgrad to assist the citizens in their efforts to do energy refurbishment of their dwellings. The role of the OSS is to provide advice and information on how to organize and get access to funding especially in view of multiple ownership in the multifamily blocks of flats posing challenges related to getting all owners together to implement refurbishment works.													
Potential synergies for building on existing achievements			C&D	NO	Training			YES	Services		YES	Funding	NO
			YES	Using existing achievements							YES		
Level of the initiative			European			Geographic coverage			Municipal				
Countries involved			BG	AT	IE	ES							
Delivery organisation			Public										
Key area of the delivery organization			Administrative										
Targeted technical types of CEP			PV/solar project										
Target groups			Citizens and civil society										
Objectives of the initiative			Administrative assistance Information to the public Technical assistance										
Languages			Bulgarian					English					
Main outputs relevant for DISCOVER													
One-stop-shop (OSS) experience exchange.													
Main funding sources			EU programmes and facilities										
Timeframe from			2020 or earlier				to		2023				
Current status			Ended										
Website													
https://www.upstairs-energy.com/default.aspx													
Contacts available from the website (Name, position, phone, mail):													
-889750063													

Name of the initiative:																	
REPLACE-Making heating and cooling for European consumers efficient, economically resilient, clean and climate-friendly																	
Description:																	
The aim of REPLACE is to motivate and support people in eight different countries to replace their old heating systems with more environmentally friendly alternatives. Simple renovation measures that reduce overall energy consumption are also part of the programme. REPLACE aims to motivate and support people in eight different countries to replace their old heating systems with more environmentally friendly alternatives. To reach that goal, REPLACE project brings together installers, chimney sweeps, politicians and other key players at one table, regionally.																	
Potential synergies for building on existing achievements		C&D		NO		Training		YES		Services		YES		Funding		NO	
		YES				Using existing achievements						YES					
Level of the initiative		European				Geographic coverage				EU- wide							
Countries involved		BG	BA	DE	ES	HR	MK	RS	SI								
Delivery organisation		Public															
Key area of the delivery organization		Financial				Technical				Social							
Targeted technical types of CEP		Energy efficiency															
Target groups		Citizens and civil society															
Objectives of the initiative		Financial assistance				Technical assistance											
Languages		Bulgarian								English and other languages							
Main outputs relevant for DISCOVER																	
1. We could use the calculator 2. Local working groups have been established and 3. Information units in municipalities that can be useful for exchanging experience; 4.The matrix of heating systems REPLACE is a useful tool in planning the replacement of inefficient heating systems; 5. Catalog of Good Practices; 6. Energy community - business model																	
Main funding sources		EU programmes and facilities															
Timeframe from		2020 or earlier				to		2022									
Current status		Ended															
Website																	
https://replace-project.eu/																	
Contacts available from the website (Name, position, phone, mail):																	
Ангел Николаев Черноморски изследователски енергиен център ЧИЕЦ Виктор Григорович 7 1606 София България angel@bserc.eu Website www.bserc.eu																	

Name of the initiative:											
ECO2-Energy Conscious Consumers											
Description:											
ECO2 is a project funded by the EU's Horizon 2020. The aim of the project is to contribute to households in Europe raising their awareness of the amount of											
The ACT4ECO platform is a source of knowledge and contributes to informing users how to consume energy responsibly and reasonably.											
ECO2 will help energy consumers across Europe become more aware of their energy consumption and improve the energy efficiency of their homes.											
Potential synergies for building on existing achievements	C&D	NO	Training	YES	Services	YES	Funding	NO			
	YES		Using existing achievements								YES
Level of the initiative	European			Geographic coverage			EU- wide				
Countries involved	BG										
Delivery organisation	Public										
Key area of the delivery organization	Administrative Legislative Financial										
Targeted technical types of CEP	PV/solar project										
Target groups	Citizens and civil society Public authorities and governments										
Objectives of the initiative	Information to the public Technical assistance Administrative assistance										
Languages	Bulgarian					English					
Main outputs relevant for DISCOVER											
1. They have an established platform to build on community and training provision - ACT4ECO - dynamic online training platform - https://act4eco.eu/?lang=bg											
Main funding sources	EU programmes and facilities										
Timeframe from	2020 or earlier			to	2021						
Current status	Ended										
Website											
https://act4eco.eu/about-us/?lang=bg											
Contacts available from the website (Name, position, phone, mail):											
support@act4eco.eu											

Name of the initiative:												
POWER-E-COM-Empowering Renewable and Citizen Energy Communities												
Description:												
POWER-E-COM aims to foster the cooperation between regional/local authorities and citizens so that community energy projects can be realised in regions in six different countries (Austria, Bulgaria, Germany, Ireland, Slovenia, and Spain). These countries were selected because they represent different stages of the transposition of the EU directives that shall facilitate the emergence of energy communities in Europe.												
Potential synergies for building on existing achievements			C&D NO		Training YES			Services YES		Funding NO		
			YES		Using existing achievements YES							
Level of the initiative			European			Geographic coverage				EU- wide		
Countries involved			BG	AT	DE	IE	SI	ES				
Delivery organisation			Local energy agency									
Key area of the delivery organization			Technical Administrative Financial									
Targeted technical types of CEP			All types of CEP									
Target groups			Citizens and civil society Public authorities and governments Policymakers									
Objectives of the initiative			Information to the public Administrative assistance Tools									
Languages			Bulgarian					English and other languages				
Main outputs relevant for DISCOVER												
1) Developing models for the establishment of energy communities 2) Providing training and capacity building 3) Facilitating the exchange of knowledge and experience												
Main funding sources			EU programmes and facilities									
Timeframe from			2023				to		2026			
Current status			Ongoing implementation									
Website												
https://webgate.ec.europa.eu/life/publicWebsite/project/LIFE22-CET-POWER-E-COM-101120998/empowering-renewable-and-citizen-energy-communities												
Contacts available from the website (Name, position, phone, mail):												
Ingo Ball - Project coordinator- phone +49 89 720 12 735, wip@wip-munich.de												

Name of the initiative:												
Energy Community of Dryanovo Municipality												
Description:												
During the implementation of ACTIVE CITIZENS FOR COMMUNITY-OWNED ENERGY project, in Dryanovo Municipality is developed Energy Community Business model.												
Potential synergies for building on existing achievements			C&D	YES	Training	YES	Services	YES	Funding	NO		
			YES	Using existing achievements			YES					
Level of the initiative			Municipal			Geographic coverage			Municipal			
Countries involved			BG	NO								
Delivery organisation			Public									
Key area of the delivery organization			Technical			Administrative						
Targeted technical types of CEP			PV/solar project									
Target groups			Citizens and civil society Policymakers Public authorities and governments Local businesses									
Objectives of the initiative												
Languages			Bulgarian					English				
Main outputs relevant for DISCOVER												
Sharing experience and practices												
Main funding sources			EU programmes and facilities									
Timeframe from			2022			to			2024			
Current status			Ongoing implementation									
Website												
https://citizenercom.eu/												
Contacts available from the website (Name, position, phone, mail):												
Ralitsa Marinova, Project Manager, +359 876766465, office@institute-esdi.org												

Name of the initiative:												
Sustainable Energy Financing Platform in Austria (SEFIPA)												
Description:												
SEFIPA is a platform to collect & develop ideas to accelerate finance for sustainable energy.(private sources of funds)												
Outcome												
- at least 3 new financing instruments												
- operation of a crowd-investing platform for SE projects in Austria												
- implementation of SE investment actions												
Potential synergies for building on existing achievements			C&D	NO	Training	NO	Services	NO	Funding	YES		
			YES	Using existing achievements								NO
Level of the initiative			European			Geographic coverage			National			
Countries involved			AT									
Delivery organisation			Private									
Key area of the delivery organization			Financial									
Targeted technical types of CEP			All types of CEP									
Target groups			Citizens and civil society									
Objectives of the initiative			Financial assistance									
Languages			German									
Main outputs relevant for DISCOVER												
crowd-investing platform crowd4energy heisst jetzt https://www.klimja.org												
Main funding sources			EU programmes and facilities									
Timeframe from			2016			to			2020 or earlier			
Current status			Ended									
Website												
https://www.oegut.at/de/projekte/investment/sefipa.php												
Contacts available from the website (Name, position, phone, mail):												
https://cordis.europa.eu/project/id/696008/reporting Project coordinator gerhard.bayer@oegut.at Gerhard Bayer												

Name of the initiative:														
PROSPECT+														
Description:														
innovative financing instruments to be used by public authorities for energy and climate actions Capacity-Building Programme (CBP) - build the capacity of public authorities in financing sustainable energy plans														
<ul style="list-style-type: none"> • energy efficiency measures • linking public authorities and their respective associations along with energy policymakers, associations of planners, technical experts, financing bodies on sustainable energy, and local actors in an intra-European network. 														
Potential synergies for building on existing achievements			C&D NO		Training YES		Services NO		Funding NO					
			YES				Using existing achievements				NO			
Level of the initiative			European			Geographic coverage				EU- wide				
Countries involved			NL	BE	FR	SE	AT	IE	ES	DE	CZ			
Delivery organisation			Local energy agency											
Key area of the delivery organization			Financial											
Targeted technical types of CEP			All types of CEP											
Target groups			Public authorities and governments Citizens and civil society											
Objectives of the initiative			Financial assistance											
Languages			English											
Main outputs relevant for DISCOVER														
Training Programme consists of five (5) thematic learning modules 1. Public Buildings, 2. Private Buildings, 3. Transport, 4. Public Lighting, 5. Cross Sectoral														
Main funding sources			EU programmes and facilities											
Timeframe from			2021				to		2025					
Current status			Ongoing implementation											
Website														
https://www.h2020prospect.eu														
Contacts available from the website (Name, position, phone, mail):														
https://www.energiesparverband.at/eu-projekte Sarah Ullmann sarah.ullmann@esv.or.at														

Name of the initiative:											
SmartControl											
Description:											
develops a concept for monitoring, control and operation of municipal energy systems. machine learning (ML) will be used for forecasting load and generation data self-consumption optimization											
Potential synergies for building on existing achievements			C&D	NO	Training	NO	Services	YES	Funding	NO	
			YES	Using existing achievements							NO
Level of the initiative		National			Geographic coverage			National			
Countries involved		AT									
Delivery organisation		Private									
Key area of the delivery organization		Technical									
Targeted technical types of CEP		All types of CEP									
Target groups		Energy communities									
Objectives of the initiative		Data collection and analysis Tools									
Languages		German									
Main outputs relevant for DISCOVER											
concept for monitoring, control and operation of municipal energy systems											
Main funding sources		National/local funding									
Timeframe from		2021			to		2024				
Current status		Ended									
Website											
https://projekte.ffg.at/projekt/4121996											
Contacts available from the website (Name, position, phone, mail):											
https://www.best-research.eu/content/en/competence_areas/all_projects/view/733 Key Scientist Michael Stadler michael.stadler@best-research.eu											

Name of the initiative:											
UCERS (User-centered solutions for digital and sustainable Energy Communities)											
Description:											
<ul style="list-style-type: none"> - Community Data Exchange Platform based on EDA Platform - Operation & Optimization Platform for EC to enable efficient organization - Citizen Science Platform to enable a continuous stakeholder and end user integration - assess the sustainability of EC 											
Potential synergies for building on existing achievements			C&D	NO	Training	NO	Services	YES	Funding	NO	
			YES	Using existing achievements							NO
Level of the initiative		National			Geographic coverage			National			
Countries involved		AT									
Delivery organisation		Public									
Key area of the delivery organization		Technical									
Targeted technical types of CEP		All types of CEP									
Target groups		Energy communities									
Objectives of the initiative		Data collection and analysis Technical assistance Administrative assistance Tools									
Languages		German									
Main outputs relevant for DISCOVER											
free available online Community Data Exchange Platform and an Operation & Optimization Platform for a scalable and easy-to-use implementation of EC in Austria											
Main funding sources		National/local funding									
Timeframe from		2021			to		2024				
Current status		Ongoing implementation									
Website											
https://projekte.ffg.at/projekt/4355212											
Contacts available from the website (Name, position, phone, mail):											
https://www.technikum-wien.at/forschungsprojekte/ucers/ Mag. Daniel Bell DANIEL.BELL@TECHNIKUM-WIEN.AT											

Name of the initiative:											
BürgerInnenbeteiligungsmodelle Studie											
Description:											
Study describing community financed projects and lessons-learned in Austria.											
Potential synergies for building on existing achievements	C&D	NO	Training	NO	Services	YES	Funding	NO			
			NO	Using existing achievements				YES			
Level of the initiative	National			Geographic coverage			Regional				
Countries involved	AT										
Delivery organisation	Public										
Key area of the delivery organization	Financial Legislative										
Targeted technical types of CEP	PV/solar project										
Target groups	Citizens and civil society										
Objectives of the initiative	Data collection and analysis										
Languages	German										
Main outputs relevant for DISCOVER											
Developing a concept for community financed PV plants.											
Main funding sources	National/local funding										
Timeframe from	2020 or earlier			to	2020 or earlier						
Current status	Ended										
Website											
https://www.oegut.at/de/projekte/energie/ee-beteiligung.php											
Contacts available from the website (Name, position, phone, mail):											
office@oegut.at Jasmine Bachmann, Dr. Herbert Greisberger, Mag Sharis Minass, Mag . Susanne											

Name of the initiative:											
ECOSINT (Energy COMMunity System INTegration)											
Description:											
Energy COMMunity System INTegration three goals will be realized:											
<ul style="list-style-type: none"> • analysis of the possibilities of local energy communities LECs • The conception of an open, secure, modular and scalable IT Systems Architecture for the integration and operation of LECs • The simulative validation and proof of concept evaluation for selected use cases 											
Potential synergies for building on existing achievements			C&D	NO	Training	NO	Services	YES	Funding	NO	
			YES	Using existing achievements							NO
Level of the initiative			National			Geographic coverage			Regional		
Countries involved			AT								
Delivery organisation			Public								
Key area of the delivery organization			Technical								
Targeted technical types of CEP			All types of CEP								
Target groups			Energy communities								
Objectives of the initiative			Technical assistance Data collection and analysis Administrative assistance								
Languages			German								
Main outputs relevant for DISCOVER											
unified IT Systems Architecture for LECs The IT systems architecture will be made available as a complete, digital UML model											
Main funding sources			National/local funding								
Timeframe from			2021			to		2024			
Current status			Ongoing implementation								
Website											
https://projekte.ffg.at/projekt/3863325https://ecosint.at/											
Contacts available from the website (Name, position, phone, mail):											
https://ecosint.at dominik.engel@fh-salzburg.ac.at Dominik Engel											

Name of the initiative:												
NETSE (Nutzerorientierte Entwicklung von Technologien und Services für Energiegemeinschaften)												
Description:												
Services for Energy Communities												
1) Development of Services for the operation of energy communities												
2) standardized data interface: A data platform is developed, in which control operations for technical components of the EC can be implemented in order to overcome interoperability issues												
3) Handling of business operations is implemented in the data platform. Concepts and principles for the organization of ECs are developed.												
4) A tool, that provides the optimal technical configuration and control strategies, e.g. in order to regulate loads and integrates energy storage systems												
Potential synergies for building on existing achievements	C&D	NO	Training	NO	Services	YES	Funding	NO				
		YES	Using existing achievements					NO				
Level of the initiative	National			Geographic coverage				Regional				
Countries involved	AT											
Delivery organisation	Public											
Key area of the delivery organization	Technical											
Targeted technical types of CEP	PV/solar project											
Target groups	Energy communities Citizens and civil society											
Objectives of the initiative	Tools											
Languages	German											
Main outputs relevant for DISCOVER												
Services for energy communities, platform for data management, tool for optimized controlling of batteries, concepts and principles for the organization of energy communities												
Main funding sources	National/local funding											
Timeframe from	2021				to	2024						
Current status	Ended											
Website												
https://projekte.ffg.at/projekt/4290516												
Contacts available from the website (Name, position, phone, mail):												
"https://www.fhwn.ac.at/hochschule/institute/nachhaltigkeit/netse Mag. (FH) Josef Walch josef.walch@fhwn.ac.at"												

Name of the initiative:											
#EEG+											
Description:											
An exploratory project											
- create guidelines for the implementation of Plus Energy Communities											
- focus on mixed-use districts and buildings (new and refurbishment)											
- Develop guidebook based on three complex real estate projects											
- implementation of a demonstration project											
- Focused on heat											
Potential synergies for building on existing achievements			C&D	NO	Training	NO	Services	NO	Funding	NO	
			NO	Using existing achievements							NO
Level of the initiative		National			Geographic coverage			Regional			
Countries involved		AT									
Delivery organisation		Private									
Key area of the delivery organization		Technical									
Targeted technical types of CEP		PV/solar project Transport Heat									
Target groups		Energy communities									
Objectives of the initiative		Best practices									
Languages		German									
Main outputs relevant for DISCOVER											
digital planning tool for palnning plus-energy communities											
Main funding sources		National/local funding									
Timeframe from		2022			to		2023				
Current status		Ended									
Website											
https://projekte.ffg.at/projekt/4425019											
Contacts available from the website (Name, position, phone, mail):											
Arteria Technologies GmbH Dr. Stefano Coss stefano.coss@arteria.at											

Name of the initiative:												
Energy WITH Spirit												
Description:												
implementation of a solidarity-based, social energy community and preparing for an Austria-wide roll-out implemented technically, economically and organisationally												
Potential synergies for building on existing achievements	C&D	NO	Training	NO	Services	YES	Funding	NO				
				Using existing achievements	YES							
Level of the initiative	National			Geographic coverage	Regional							
Countries involved	AT											
Delivery organisation	Private											
Key area of the delivery organization	Technical											
Targeted technical types of CEP	PV/solar project											
Target groups	Energy communities											
Objectives of the initiative	Best practices											
Languages	German											
Main outputs relevant for DISCOVER												
Implementation of a solidarity-social energy community A roll-out of the model in Austria is also being prepared as part of the project												
Main funding sources	National/local funding											
Timeframe from	2023			to	2026							
Current status	Ongoing implementation											
Website												
https://projekte.ffg.at/projekt/4672913 https://energywithspirit.at/												
Contacts available from the website (Name, position, phone, mail):												
B-NK GmbH office@b-nk.at Bente Knoll												

Name of the initiative:										
sozialEG										
Description:										
Betriebsmodelle für sozial gerechte Energiegemeinschaften										
create and test several operating models for socially just energy communities.										
Development of at least 3 different operating models for renewable energy communities. Discussion of the legal, economic and technical framework conditions for the implementation of these operating models.										
Potential synergies for building on existing achievements	C&D	NO	Training	NO	Services	YES	Funding	NO		
	YES		Using existing achievements					NO		
Level of the initiative	National			Geographic coverage			Regional			
Countries involved	AT									
Delivery organisation	Private									
Key area of the delivery organization	Technical									
Targeted technical types of CEP	PV/solar project									
Target groups	Energy communities									
Objectives of the initiative	Best practices									
Languages	German									
Main outputs relevant for DISCOVER										
best practice of energy communities: organisational form of the energy community; the type of energy community										
the tariff model; the intra-community contracting; business models and services that are linked to the EEG										
Main funding sources	National/local funding									
Timeframe from	2023			to	2026					
Current status	Ongoing implementation									
Website										
https://projekte.ffg.at/projekt/4672949										
Contacts available from the website (Name, position, phone, mail):										
https://www.4wardenergy.at/de/referenzen/sozialeg										
4ward Energy GmbH										
DI Martin Schloffer										

Name of the initiative:													
ZEZ - Zelena energetska zadruga (Green Energy Cooperative)													
Description:													
ZEZ's mission is to help citizens develop, invest and use renewable energy sources. Operating for more than 10 years, participating in number of EU projects. Their scope of work and services are: Community Energy, Energy Cooperatives, Energy Poverty, Alternative Finance and other. They are very active in all these fields and have 18 members and 18 experts, activists and practitioners employed.													
Potential synergies for	C&D	YES	Training	YES	Services	YES	Funding	NO					
building on existing achievements				YES	Using existing achievements				YES				
Level of the initiative	National			Geographic coverage				National					
Countries involved	HR												
Delivery organisation	Other to specify			Third sector									
Key area of the delivery organization	Technical Financial Legislative												
Targeted technical types of CEP	PV/solar project Energy efficiency												
Target groups	Citizens and civil society Energy communities Policymakers												
Objectives of the initiative	Information to the public Technical assistance Financial assistance Administrative assistance Best practices												
Languages	Croatian						English						
Main outputs relevant for DISCOVER													
Supporting communities, citizens' energy, energy poverty, alternative financing for energy projects. Participating in project SCCALE 20-30-50 in which we have significant alignment with DISCOVER tools and deliverables. They are also part of similar projects: ACCE.RESCOP.EU, LIFELOOP, and COMET which are in some parts relevant for DISCOVER project.													
Main funding sources	EU programmes and facilities												
Timeframe from	2020 or earlier			to	2026								
Current status	Fully operational												
Website													
https://www.zez.coop/													
Contacts available from the website (Name, position, phone, mail):													
E-mail: contact@zez.coop Tel: +385 1 2095 552													

Name of the initiative:													
REGEA - Regionalna energetska-klimatska agencija Sjeverozapadne Hrvatske (Regional Energy and Climate Agency of Northwest Croatia)													
Description:													
REGEA is regional energy agency and recognized center of knowledge and excellence with references and projects throughout the European Union, it was established in 2008 as a joint venture of the City of Zagreb and the Karlovac, Krapina-Zagorje and Zagreb counties and as such REGEA is in their full ownership. Their scope of work includes support in the development and implementation of projects, development of long-term strategies, energy efficiency programs and action plans, development of innovative financing mechanisms and other.													
Potential synergies for building on existing achievements			C&D	YES	Training	NO	Services	YES	Funding	NO			
			YES	Using existing achievements						YES			
Level of the initiative			European			Geographic coverage			EU- wide				
Countries involved			HR										
Delivery organisation			Public			Local energy agency							
Key area of the delivery organization			Administrative Technical Legislative										
Targeted technical types of CEP			All types of CEP										
Target groups			Public authorities and governments Policymakers Citizens and civil society										
Objectives of the initiative			Information to the public Technical assistance Legal assistance Administrative assistance										
Languages			Croatian					English					
Main outputs relevant for DISCOVER													
Analytical data, research results, recommendations for changing the law. They participate in several EU projects. LIFE LOOP and CONNECTHEAT are the projects which can be relevant in certain parts for DISCOVER project.													
Main funding sources			EU programmes and facilities										
Timeframe from			2020 or earlier			to			Not defined				
Current status			Fully operational										
Website													
https://regea.org/													
Contacts available from the website (Name, position, phone, mail):													
Ivana Belić ibelic@regea.org; Tel +385 1 3098 315 Slavica Robić - srobic@regea.org													

Name of the initiative:											
DOOR - Društvo za oblikovanje održivog razvoja (Society for Design of Sustainable Development)											
Description:											
Society for the Design of Sustainable Development (DOOR) is an association of experts that continuously operates in the field of energy with a special focus on energy and the environment and energy and society. DOOR actively operates in strategic areas: energy poverty and energy efficiency, renewable energy sources with an emphasis on energy communities and renewable energy communities, empowerment of citizens in the electricity market and climate change with an emphasis on adaptation to climate change.											
Potential synergies for building on existing achievements			C&D	YES	Training	YES	Services	YES	Funding	NO	
				YES	Using existing achievements						YES
Level of the initiative		National			Geographic coverage			National			
Countries involved		HR									
Delivery organisation		Private									
Key area of the delivery organization		Social Administrative Legislative									
Targeted technical types of CEP		All types of CEP									
Target groups		Citizens and civil society Public authorities and governments Policymakers Energy communities									
Objectives of the initiative		Information to the public Development of synergies Administrative assistance Legal assistance									
Languages		Croatian					English				
Main outputs relevant for DISCOVER											
DOOR is lead in LIFE project CROSS renoHome – Croatian One Stop Shop for Integrated Home Renovation. The main goal of the project is offering a complete energy renovation solution for house owners in one place (One stop shop - OSS) with the aim of unifying the renovation process. The duration of the project is from 1. 10.2023. until 30.09.2027.											
Main funding sources		EU programmes and facilities									
Timeframe from		2020 or earlier			to		2027 or later				
Current status		Fully operational									
Website											
https://www.door.hr/											
Contacts available from the website (Name, position, phone, mail):											
info@door.hr											

Name of the initiative:										
REA Kvarner - Regionalna energetska agencija Kvarner (Kvarner Regional Energy Agency)										
Description:										
The Kvarner Regional Energy Agency (REA Kvarner d.o.o.) was founded by the Primorje-Gorski Kotar County in 2009 as a company whose task is to establish a unique organizational and institutional framework for a more rational use of existing energy resources and to encourage the production of energy from renewable and alternative sources in the County. They are currently coordinating significant project for PV plant instalation in over 20 schools in Primorsko-goranska County.										
Potential synergies for building on existing achievements			C&D YES	Training YES	Services YES	Funding NO				
			YES	Using existing achievements YES						
Level of the initiative	Regional			Geographic coverage			Regional			
Countries involved	HR									
Delivery organisation	Public									
Key area of the delivery organization	All areas									
Targeted technical types of CEP	All types of CEP									
Target groups	Public authorities and governments Local businesses Policymakers Citizens and civil society									
Objectives of the initiative	Legal assistance Administrative assistance Best practices Development of synergies Information to the public									
Languages	Croatian					English				
Main outputs relevant for DISCOVER										
Developing local and regional energy strategies. Providing financial support for smaller municipalities. Monitoring sustainable energy implementation in more than 300 county buildings. Participating in H2020 Islander project, main aim is island decarbonisation. They are responsible for replication activities on Kvarner archipelago islands.										
Main funding sources			National/local funding							
Timeframe from	2020 or earlier				to	2027 or later				
Current status	Fully operational									
Website										
https://www.reakvarner.hr/										
Contacts available from the website (Name, position, phone, mail):										
info@reakvarner.hr tel. +385 51 631 847										

Name of the initiative:											
Apsyrtides energy cooperative Cres											
Description:											
The initiative of a group of citizens and the local community for the construction of a communal photovoltaic power plant on the island of Cres. Successful in fundraising activities, acquired a large land in Cres for future PV plant installation. Currently working on PV plant procurement.											
Potential synergies for building on existing achievements			C&D	YES	Training	YES	Services	YES	Funding	NO	
				YES	Using existing achievements						YES
Level of the initiative		Municipal			Geographic coverage			Provincial			
Countries involved		HR									
Delivery organisation		Private			Third sector						
Key area of the delivery organization		Administrative									
Targeted technical types of CEP		PV/solar project									
Target groups		Citizens and civil society Public authorities and governments									
Objectives of the initiative		Administrative assistance									
Languages		Croatian					English				
Main outputs relevant for DISCOVER											
The methodology of managing the project of building a communal power plant and collecting funds for the implementation of the project. This Island developing agency is part of LIFE ISLET project that focuses on improving the technical structures and capabilities of local governments to reach their goals											
Main funding sources		Fees from users									
Timeframe from		2021			to		Not defined				
Current status		Approved but not implemented									
Website											
https://www.facebook.com/profile.php?id=100087293927538											
Contacts available from the website (Name, position, phone, mail):											
Ugo Toić +38551304168 +385912229943 ugo@ppir-otokcres.info											

Name of the initiative:												
KLIK Križevci - Križevački laboratorij inovacija za klimu (Križevci Innovation Laboratory for Climate)												
Description:												
KLIK is a community of citizens created in the process of transforming the Cities of the Future of Southeast Europe. KLIK is a community of citizens who are primarily committed to building the resilience of the local community. The energy and climate office, the first of its kind in Croatia, serves to inform and educate citizens about the possibilities of improving energy efficiency and the production of renewable energy sources in their households, and it also consists of a showroom of "green" technologies, products and services of the office's partners.												
Potential synergies for building on existing achievements			C&D YES		Training NO			Services NO		Funding YES		
			YES					Using existing achievements		YES		
Level of the initiative			Municipal			Geographic coverage			Municipal			
Countries involved			HR									
Delivery organisation			Private									
Key area of the delivery organization			Administrative			Financial			Technical			
Targeted technical types of CEP			PV/solar project			Energy efficiency						
Target groups			Public authorities and governments			Energy communities			Citizens and civil society			
Objectives of the initiative			Information to the public			Technical assistance			Financial assistance			
			Legal assistance			Administrative assistance						
Languages			Croatian			English						
Main outputs relevant for DISCOVER												
KLIK is partner in LIFE project CROSS renoHome in which they deliver Manual for successful counseling of citizens on achieving energy efficiency. KLIK is also in the project called Placemaking for Citizen-led Missions in SE Europe (PLACE).												
Main funding sources			EU programmes and facilities									
Timeframe from			Not defined			to			Not defined			
Current status			Fully operational									
Website												
https://klikninaodrzivo.com/												
Contacts available from the website (Name, position, phone, mail):												
Sanela Mikulčić Šantić												

Name of the initiative:										
Dobrovoljno vatrogasno društvo Špičkovina (Špičkovina Voluntary Fire Brigade)										
Description:										
A community of citizens who want to create an energy community together with local fire department. REGEA is helping them through process. The goal is to install a PV power plant on the roof of the local fire brigade, and the investors would be the neighboring owners of the buildings. The project is still in its early stages										
Potential synergies for building on existing achievements	C&D	YES	Training	NO	Services	NO	Funding	NO		
	YES		Using existing achievements		YES					
Level of the initiative	Municipal			Geographic coverage			Municipal			
Countries involved	HR									
Delivery organisation	Private			Public						
Key area of the delivery organization	Administrative									
Targeted technical types of CEP	PV/solar project									
Target groups	Citizens and civil society									
Objectives of the initiative	Administrative assistance									
Languages	Croatian									
Main outputs relevant for DISCOVER										
Potential exchange of experiences in energy community organizations in case when municipality is the initiator of CEP.										
Main funding sources	Fees from users									
Timeframe from	2023			to	Not defined					
Current status	Approved but not implemented									
Website										
https://www.facebook.com/profile.php?id=100064829919046										
Contacts available from the website (Name, position, phone, mail):										
contactr through Regea - Slavica Robić srobic@regea.org										

Name of the initiative:											
Multi-residential building in Karlovac											
Description:											
Initiative for the installation of a photovoltaic power plant on multiresidential building in Karlovac. The goals are to install a PV power plant on a multiresidential building and ensure the sharing of energy between the tenants of the building. Project is part of SHARES LIFE.											
Potential synergies for building on existing achievements			C&D	YES	Training	NO	Services	NO	Funding	NO	
				YES	Using existing achievements						YES
Level of the initiative		Municipal			Geographic coverage			Municipal			
Countries involved		HR									
Delivery organisation		Private									
Key area of the delivery organization		Administrative									
Targeted technical types of CEP		PV/solar project									
Target groups		Citizens and civil society									
Objectives of the initiative		Administrative assistance									
Languages		Croatian									
Main outputs relevant for DISCOVER											
Exchange of experiences towards the implementation of energy communities with multi-residential buildings in cities											
Main funding sources		Fees from users									
Timeframe from		2023			to		Not defined				
Current status		Approved but not implemented									
Website											
https://www.karlovac.hr/novosti/23891											
Contacts available from the website (Name, position, phone, mail):											
NO											

Name of the initiative:										
Energetska zadruga "Otok Krk" (Energy cooperative "Island of Krk")										
Description:										
Civic initiative for the construction of a larger photovoltaic plant on the island of Krk. The 5 MW PV Barbićan project was designed in the neighborhood and district of the municipality of Baška, in which citizens and neighboring municipalities would participate.										
Potential synergies for building on existing achievements			C&D	NO	Training	NO	Services	NO	Funding	NO
				YES	Using existing achievements				NO	
Level of the initiative		Provincial			Geographic coverage			Provincial		
Countries involved		HR								
Delivery organisation		Private								
Key area of the delivery organization		Administrative								
Targeted technical types of CEP		PV/solar project								
Target groups		Citizens and civil society Public authorities and governments								
Objectives of the initiative		Administrative assistance Information to the public Financial assistance								
Languages		Croatian					English			
Main outputs relevant for DISCOVER										
Experiences from the construction planning of a large photovoltaic plant. Project is on-hold form 2018.										
Main funding sources		Private funds								
Timeframe from		2020 or earlier			to		Not defined			
Current status		Approved but not implemented								
Website										
Energetska zadruga "Otok Krk" (ezok.hr)										
Contacts available from the website (Name, position, phone, mail):										
email: ezok@ezok.hr; mob: +385 91 2 847 649										

Name of the initiative:											
Moja energetska zajednica MEC (My energy community MEC)											
Description:											
MEC is formally the first energy community in Croatia. They received a permit for work and energy exchange among members in March 2024. Members are 4 family houses in the same street that have 1 power plant with a power of 3.6 kw. Due to Croatian law, they have one full-time employee. Although this is unsustainable, they wanted to formally obtain a permit and begin work in order to learn from their own example and serve as an example of good practice for others in Croatia.											
Potential synergies for building on existing achievements			C&D	YES	Training	NO	Services	NO	Funding	NO	
				YES	Using existing achievements						YES
Level of the initiative		Municipal			Geographic coverage			Municipal			
Countries involved		HR									
Delivery organisation		Private									
Key area of the delivery organization		Administrative									
Targeted technical types of CEP		PV/solar project									
Target groups		Citizens and civil society									
Objectives of the initiative		Best practices									
Languages		Croatian					English				
Main outputs relevant for DISCOVER											
This project is relevant for all energy communities in Croatia because they were the first to receive a license to work and exchange energy, even though it is 4 family houses in the same street that have 1 power plant with a power of 3.6 kW. It is important to note that due to law, they had to employ 1 person full-time.											
Main funding sources		Private funds									
Timeframe from		2024			to		Not defined				
Current status		Fully operational									
Website											
https://www.myenergycommunity.hr/											
Contacts available from the website (Name, position, phone, mail):											
Klara Horvat, Legal and Policy Researcher, no phone or email on website											

1 D.2.1 Report on existing CEP support initiatives

2 ANNEX 2 Main findings in each partner Country



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1 Introduction

The aim of Annex 2 is to provide the main findings from the existing CEP supporting initiatives, described in the chapter 6 of the deliverable, translated in partner Countries languages. This part shall later be integrated into the specific guide book and contains information how these initiatives can impact on DISCOVER and on the goal of kicking of 20 new initiatives and what is necessary to make use of identified synergies.

2 CEPs support initiatives in Austria - German

Initiativen zur Förderung von gemeinschaftlich organisierten Energieprojekten in Österreich

Für die Recherche wurde hauptsächlich die Datenbank der österreichischen Förderagentur FFG herangezogen. Einträge aus dem Themengebiet "Energie" wurden nach den Schlüsselwörtern "Gemeinschaft", "Beteiligung" oder "Energiegemeinschaft" gefiltert. Zusätzlich wurden gezielt prominente österreichische Akteure im Bereich innovativer Energieprojekte untersucht, um weitere Initiativen zu identifizieren, welche nicht von der FFG finanziert werden, sondern von anderen Einrichtungen wie der EU. Diese Suchstrategie schloss Projekte in der Planungsphase bewusst aus. Die österreichische Förderagentur fördert innovative Projekte, die den Stand der Technik übertreffen. Folglich spiegeln die ausgewählten Projekte die aktuellen Entwicklungen der Energielandschaft zum Zeitpunkt ihrer Durchführung wider.

Alle Initiativen, welche in Österreich aktiv sind und gemeinschaftliche Energieprojekte adressieren wurden bewertet. Initiativen mit der besten Bewertung sind europäische Projekte, nämlich Power-E-Com und UpStairs. Die erwarteten Ergebnisse dieser Projekte sind wahrscheinlich für DISCOVER anwendbar, obwohl Anpassungen und Feinabstimmungen erforderlich sein können. Das Potenzial für Synergien besteht in der Möglichkeit, vorhandene Dienstleistungen für DISCOVER zu übernehmen. Während die erwarteten Synergien mit PROSPECT+ hauptsächlich auf Dienstleistungen beschränkt sind, bieten Power-E-Com und UpStairs zusätzliche potenzielle Synergien: Power-E-Com wird Schulungsmaterialien entwickeln, die für DISCOVER relevant sind. UpStairs bietet Synergien bei der Verbreitungs- und Kommunikation, die für DISCOVER vorteilhaft sind.

Neben den europäischen Initiativen gibt es auch vielversprechende österreichische Projekte. Zu ihnen zählt das Projekt SEFIPA (Nachhaltige Energiefinanzierungsplattform in Österreich), welches nicht auf Energiegemeinschaften beschränkt ist. Es handelt sich um eine ältere Initiative (abgeschlossen vor 2020) welche zur Entwicklung der Crowd-Investing-Plattform crowd4energy führte, die heute als killmja.org bekannt ist. Die Organisation hinter dieser Initiative ist oegut.at, welche auch an einer Studie über BürgerInnenbeteiligungsmodelle beteiligt war und Beispiele und Erfahrungen in Österreich beschreibt. Angesichts ihres Schwerpunkts auf PV-

Anlagen ist diese Studie für die Etablierung von Beteiligungsmodellen im Rahmen des DISCOVER-Projekts in Österreich von besonderer Relevanz.

Ein weiteres österreichisches Projekt, das in diesem Bericht berücksichtigt wurde, ist Energy 'WITH Spirit'. Ähnlich wie das Projekt 'sozialEG' konzentriert sich dieses Projekt darauf, eine Energiegemeinschaft mit einem besonderen Schwerpunkt auf die Unterstützung sozial benachteiligter Mitglieder zu etablieren. Solche sozialen Energiegemeinschaften gelten als wirksame Instrumente zur Bekämpfung von Energiearmut. Diese beiden oben genannten Projekte sollen ein replizierbares Modell liefern, das in ganz Österreich umgesetzt werden kann. Für DISCOVER sind diese Projekte als Vorzeigemodell zu sehen, welche organisatorische Herausforderungen sowie Hindernisse im Zusammenhang mit Tarifmodellen, Geschäftsmodellen und innergemeinschaftlichen Verträgen behandeln.

Weitere österreichische Initiativen zur Unterstützung von CEPs konzentrieren sich auf die Entwicklung von Werkzeugen, welche typischerweise auf Energiegemeinschaften ausgerichtet sind. Innerhalb von UCERS (Benutzerzentrierte Lösungen für digitale und nachhaltige Energiegemeinschaften) wird eine Datenplattform für Energiegemeinschaften entwickelt, die online frei verfügbar ist und somit für zukünftige DISCOVER-CEPs von Bedeutung sein kann, sofern sie als Energiegemeinschaften organisiert sind. Ebenso zielt ECOSIT (Energy COmmunity System INTegration) darauf ab, eine offene IT-Systemarchitektur für den Betrieb von (lokalen) Energiegemeinschaften zu konzipieren. Eine weitere standardisierte Datenplattform wird innerhalb von NETSE (Nutzerorientierte Entwicklung von Technologien und Dienstleistungen für Energiegemeinschaften) entwickelt, zusammen mit anderen Dienstleistungen, die den Betrieb von Energiegemeinschaften erleichtern sollen.

Die Initiative Smart Control konzentriert sich auf kommunale Energiesysteme und entwickelt ein Konzept für Überwachung, Steuerung und Betrieb unter Verwendung von maschinellem Lernen (ML) zur Prognose von Last- und Erzeugungsdaten. Das Ziel besteht darin, die Eigenverbrauchsquote zu erhöhen und den wirtschaftlichen Betrieb zu optimieren. Die Ergebnisse dieses Projekts könnten für DISCOVER von Vorteil sein, da sie Einblicke in die Energiesysteme von Gemeinden bieten. Mit diesem Wissen kann das Potenzial für die Einbeziehung von Bürgern in ebendiese Energiesysteme erkundet werden. DISCOVER könnte diese Ergebnisse nutzen, um Gemeinden davon zu überzeugen, ein Vorbild auf dem dezentralen Energiemarkt zu werden.

3 CEPs support initiatives in Bulgaria - Bulgarian

Създаването на енергийни общности е представено като необходимост в национални документи като Интегрирания план за енергия и климат на Република България 2021-2030 г. (ИПЕК) и националния План за възстановяване и устойчивост (ПВУ), тъй като те очертават подробно подкрепата на мерки за тяхното създаване и функциониране в страната. Въпреки това, България изостава в транспонирането на ревизираната Директива за ВЕИ в българското законодателство и това продължава да създава пречки за потенциалните инвеститори да инвестират и да си сътрудничат в Общностни енергийни проекти /ОЕП/ и Граждански енергийни общности /ГЕО/.

За постигане на устойчива енергия и смекчаване на негативните ефекти от изменението на климата в България се изпълняват огромен брой проекти, финансирани основно чрез ЕСИФ. Значението на тези проекти е ключово и осигурява прилагането на политиките, разработени от ЕС на институционално ниво в България. Инициативи за ОЕП се реализират основно чрез такива проекти, предоставяйки услуги и информация, за да могат гражданите лесно да бъдат включени в енергийния преход, да разберат по-добре необходимостта от него и да реализират допълнителни ползи. Такива проекти се изпълняват от различни неправителствени организации, енергийни агенции, сдружения и дори неформални сдружения на граждани. По същия начин DISCOVER се свързва с основните заинтересовани страни в Софийска и Габровска област, за да открие препятствията, пред които са изправени тези инициатори, при разработването на мерки за енергия, собственост на общността.

Инициативите са главно резултат от изпълнението на проекти (SHARE, ECO2), където те обхващат специфични подходи за повишаване на осведомеността на заинтересованите страни, предоставят специфичен набор от инструменти за подкрепа на местните хора при създаването на тяхната енергийна общност (правни анализи, примерни договори, технически и ИТ решения, бизнес модели и

др.), както и инструменти за подходящи комуникационни кампании, популяризиращи идеята за енергийни кооперации.

Основавайки се на съществуващи рамки в сродни проекти, рамката DISCOVER ще позволи по-късни подобрения за създаване и на други видове ОЕП (хидроенергия, вятърна енергия - биомаса, биогаз, съхранение на електричество, топлина/студ и т.н.). Наръчникът на DISCOVER ще бъде внедрен също в интерактивна уеб-платформа, позволяваща значително по-висока степен на мащабируемост и използване на съществуващи инструменти и услуги, като тези, изброени в D 2.1.

Все по-осезаема е необходимостта от специализирани структури или екипи (включително общински), които да предоставят услуги на „едно гише“ в областта на потреблението на енергия, както за гражданите, така и за управителите на общински предприятия и сгради. Наблюдава се повишено търсене на консултантски услуги и подкрепа при подготовката на енергийни проекти като обновяване на сградния фонд, въвеждане на локални инсталации за производство на енергия от възобновяеми енергийни източници, участие в свободния пазар на електроенергия, съдействие за устойчиво намаляване на потреблението на енергия в домакинствата и други. Създаването на подобни "магазини" в администрацията на българските общини като центрове за медиация ще подпомогне популяризирането на дейностите сред обществото, съпътстващи енергийния преход.

Друга синергия се намира с проекта SHEERenov, който има за цел да предостави интегрирани услуги за сектора на жилищното обновяване в гр. София. Проектът подпомога прехода от настоящия модел за енергийно ефективно обновяване на многофамилни сгради, финансиран изцяло с публични средства и администриран от публични институции, към пазарно ориентиран модел. Иновацията се състои в модел на обслужване на едно гише за собствениците на жилища; подкрепа чрез устойчив финансов механизъм за улесняване на достъпа до кредити и директна комуникация с общинските структури за подобряване на процеса на саниране на жилищни сгради. Резултатите от този проект ще бъдат взети предвид при създаването на „Едно гише“ на в рамките на DISCOVER. По този начин „Едното гише“ (физическо и виртуално), което ще бъде създадено по проект DISCOVER,

ще трябва да се конкурира с няколко съществуващи (София, Пловдив, Асеновград), но амбицията е то да предлага надградени и/или допълнителни услуги, водещи до създаването на от 20 нови ОЕП.

Проектът POWERPOOR има за цел да разработи програми в подкрепа на граждани в ситуация на енергийна бедност и да стимулира развитието на съвместни енергийни инициативи чрез използване на алтернативни или иновативни методи за финансиране (напр. създаване на енергийни общности/кооперативи, групово финансиране). По проекта функционира мрежа от енергийни консултанти и ментори, които консултират домакинства в ситуация на енергийна бедност в сътрудничество с местните власти. Проектът включва местни офиси за намаляване на енергийната бедност, в които работят обучени и сертифицирани енергийни ментори. В България такива офиси има в София, Пловдив, Видин, Добрич, Смолян, Свиленград и Белослав. Към тези офиси може да се обърнат обучителите на DISCOVER от „Едното гише“, за да предадат знания и да се възползват от техните ресурси за популяризиране на ОЕП.

Наскоро в Габрово беше създадена първата истинска енергийна кооперация от местния адмНаскоро първият истински Енергиен кооператив беше създаден в Габрово от местната администрация с частично групово финансиране от граждани, където беше инсталиран ФВЕЦ на Регионалния център за отпадъци. Предстои създаването на още един в гр. Дряново, където беше разработен подробен бизнес модел с подкрепата на грантове ат ФАГ на ЕИП 2014-2021.

Изпълнението на подобни, финансирани от ЕС проекти, не само подкрепя усилията за постигане на въглеродна неутралност в България чрез прякото участие на гражданите, но и насърчава изначалната роля на заинтересованите страни да участват активно като инициатори в устойчивото развитие на общностите, в които живеят. ИПУРИ ще осигури набор от проекти от съществуващо сътрудничество с общини и местни заинтересовани страни, както и съществуващи специфични Общностни енергийни проекти, които са в съответствие с фокуса на DISCOVER.

4 CEPs support initiatives in Croatia - Croatian

Sažetak Hrvatska Inicijative koje podupiru CEP (Energetski projekti zajednice)u Hrvatskoj

Svrha istraživanja postojećih inicijativa za podršku - Energetski projekti Zajednice (eng. CEP – Community Energy Projects) je pregled postojećih inicijativa kako bi se projekt DISCOVER mogao osloniti na rezultate tih inicijativa ili ih koristiti uz fino podešavanje i prilagodbu.

Istraživanje postojećih inicijativa temelji se na ranijim saznanjima Udruge Bez granica o inicijativama prisutnim u Hrvatskoj, sudjelovanju naših članova na Forumu koji okuplja hrvatske energetske zajednice, kao i na online pretraživanju po ključnim riječima "energetska zajednica", "energetska zadruga" i "zajednica aktivnih potrošača".

Važno je napomenuti da je u Hrvatskoj zbog administrativnih prepreka (uzrokovanih neprimjerenim prenošenjem RED II direktive) do sada registrirana samo jedna energetska zajednica (u ožujku 2024.), s valjanom dozvolom za rad i razmjenu energije među članovima. Također treba naglasiti da ni ova energetska zajednica ne može biti u potpunosti funkcionalna jer javni opskrbljivač energijom (HEP-ODS) nije prilagodio sustav naplate koji može obrađivati podatke iz energetskih zajednica i pružati adekvatne usluge krajnjim korisnicima. Vrlo je vjerojatno da će ova situacija trajati do 2025. godine.

Zbog svega toga u Hrvatskoj nema više CEP inicijativa, većina zainteresiranih skupina čeka uklanjanje pravnih i operativnih prepreka. To je razlog zašto su na popisu sve relevantne inicijative bez obzira u kojoj su fazi. Većina inicijativa u pripremljenoj je fazi u pogledu CEP-ova, s članovima ili potencijalnim članovima s operativnim fotonaponskim postrojenjima. Vidimo da je cijela zajednica koja se bavi temom CEP-a u Hrvatskoj još uvijek u fazi eksperimentiranja ili učenja. Zakonodavna i upravna tijela ne pokazuju pretjeran interes za ovu temu, osim kada su dužna prilagoditi ili izmijeniti hrvatsko zakonodavstvo zbog direktiva EU ili kada moraju ukloniti neke prepreke zbog pritiska od strane Europske Komisije. Tijekom takvih promjena često se događa upravo suprotno – postavljaju se nove barijere. S druge strane, inicijative koje pokreću pojedinci, gradovi i općine, udruge ili lokalne energetske agencije zastaju u fazi traženja dozvole od

regulatora jer je, primjerice, propisano da energetske zajednice bez obzira na veličinu moraju zaposliti jednu osobu na puno radno vrijeme. Svima je, pa tako i samom regulatoru, jasno da je takav model neodrživ, ali još uvijek nisu zatražili od ministarstva da promijeni te propise.

Zbog svega toga, skupina inicijatora CEP-a nedavno je započela s aktivnostima prema državnom regulatornom tijelu kako bi predložila promjenu zakona i podzakonskih akata. Slična inicijativa u tijeku je za nadležno ministarstvo i javnog opskrbljivača električnom energijom. Dobra je novost da mnoge inicijative CEP-a sudjeluju u EU projektima i ti projekti podižu svijest građana da hrvatski zakonodavni i regulatorni okvir treba što prije osloboditi nepotrebnih prepreka te da Vlada treba aktivno poticati razvoj CEP-ova kroz administrativnu, financijsku i tehničku podršku.

Nadalje treba naglasiti da, za razliku od drugih država članica EU, u Hrvatskoj ne postoje "službeni" alati (tj. alati koje su izradili ili financirali nadležno ministarstvo, regulatorne agencije ili distributeri električne energije) za potporu planiranju, uspostavi ili operativnom radu energetskih zajednica, tako da inicijative CEP-a u potpunosti ovise o EU ili međunarodno dostupnim alatima.

CEP inicijative u Hrvatskoj za provedbu EU projekata potencijalno relevantnih za DISCOVER:

- ZEZ sudjeluje u projektima SCCALE 20-30-50 (održivo kolektivno djelovanje građana za lokalnu Europu), ACCE.RESCOP.EU (projekt s ciljem razvoja i proširenja programa financiranja građanske energije u Hrvatskoj i diljem Europe) i COMET (stvaranje koalicije građanske energije na nacionalnoj razini).
- REGEA provodi projekte SHAREs, LIFE LOOP (zajednica od nekoliko stotina predstavnika lokalnih vlasti iz 30 zemalja, projekt nudi podršku za izgradnju energetskih zajednica) i CONNECTHEAT (razvoj poticajnog političkog okvira za razvoj energetskih zajednica)
- DOOR provodi LIFE projekt CROSS renoHome (uspostava OSS-a s ponudom cjelovitog rješenja energetske obnove za vlasnike kuća na jednom mjestu)

- KLIK je partner u projektu CROSS renoHome i u projektu PLACE (razviti kapacitete zajednice za implementaciju procesa za bolje korištenje javnih prostora).

Gotovo svi ovi projekti rezultiraju osnaživanjem zajednice, bez konkretnijih softverskih alata koji bi bili izravno upotrebljivi u projektu DISCOVER, ali razmjena iskustava i prikupljenih podataka svakako bi mogla biti korisna. Najbolji primjer je projekt SCCALE 20-30-50 čiji je cilj izgradnja "SCCALE Toolkita", koji se sastoji od 7 vodiča i sažetaka razvijenih i testiranih kroz pilot projekte, koji bi trebali potvrditi naučene lekcije i podržati replikaciju i konsolidaciju energetske zajednice stvorenih kroz projekt SCCALE.

Ostale inicijative koje su do neke razine relevantne za DISCOVER projekt:

- MEC (My Energy Community) je prva hrvatska energetska zajednica koja je nastala kroz projekt financiran iz fonda Innovation Norway, članovi energetske zajednice su 4 obitelji, od kojih jedna ima instaliranu fotonaponsku elektranu na krovu kuće, međutim, s obzirom na financijsku (ne)održivost funkcioniranja udruge, njezina daljnja sudbina je nejasna.
- Apsyrtides je zadruga s otoka Cresa koju je pokrenula Otočna razvojna agencija, a cilj je bio izgraditi komunalno fotonaponsko postrojenje. Agencija za razvoj otoka trenutno je partner u projektu ISLET, već 5 godina je u upravnom postupku ishoda dozvola za izgradnju postrojenja.
- REA Kvarner je regionalna energetska agencija sa značajnim portfeljem EU projekata, trenutno provode projekt izgradnje 20 fotonaponskih elektrana u školama Primorsko-goranske županije. Projekti su u različitim fazama ishoda dozvola ili izgradnje.
- Višestambena zgrada Karlovac bit će prva inicijativa građana u Hrvatskoj koji su zajednički izgradili fotonaponsku elektranu na višestambenoj zgradi i međusobno će dijeliti proizvedenu energiju prema konceptu Zajednice aktivnih kupaca. Inicijativa je dio projekta SHAREs. Projekt je u fazi dobivanja odobrenja od regulatorne agencije.
- DVD Špičkovina planira izgradnju fotonaponske elektrane na krovu zgrade DVD, u suvlasništvu općine i građana. Osnovana je energetska zajednica koja je zatražila

dozvolu od regulatorne agencije. Aktivnosti su dio projekta SHAREs koji provodi REGEA.

- Energetska zadruga Otok Krk osnovana je za izgradnju komunalne fotonaponske elektrane u vlasništvu nekoliko općina na otoku Krku. Projekt se razvija više od 10 godina, trenutna sudbina je nejasna s obzirom na pitanje promjene prostornih planova i dobivanja dozvola od regulatora, ali projekt je službeno još uvijek aktivan.

5 CEPs support initiatives in France - French

Les 8 initiatives recensées en France en faveur du développement des projets de communautés d'énergie (CEPs) apportent soit un accompagnement généraliste au projet, soit des choses plus spécifiques, comme des aides au financement, des formations, de la mise en réseau, du plaidoyer de politique publique, et de la communication. Elles sont complémentaires des 7 services listés dans D2.2.

Energie Partagée est probablement la plus incontournable des structures à l'échelle nationale pour les communautés d'énergie et les CEPs. Certains territoires de France, comme Est Ensemble dans le Grand Paris, Strasbourg, Bordeaux, Annecy ou Grenoble, sont dotées d'une Agence Locale de l'Énergie et du Climat (ALEC), membre du réseau FLAME, qui offre un accompagnement sur-mesure sur le photovoltaïque. Leur niveau d'implication dans les communautés d'énergie varie mais reste à développer, comme à Paris.

Le travail mené au cours de la tâche T2.1 permet de dresser un tableau des synergies à opérer entre DISCOVER et ces initiatives en faveur des CEPs.

Toutes les initiatives recensées ont le potentiel de communiquer et disséminer les résultats du projet DISCOVER. Il s'agit pour DISCOVER de convaincre certains de ses acteurs non encore engagés dans le projet, et de trouver les canaux adaptés avec chacune d'elles.

AMORCE et le **CLER** sont les deux têtes de réseau incontournables des professionnels et collectivités locales engagées dans la transition écologique en France. **L'ADEME** est une référence bien identifiée du grand public sur les sujets écologiques. Toutes trois sont des alliées de choix pour communiquer et disséminer les résultats de DISCOVER,

à travers leurs messages publicitaires pour l'Ademe, et leurs publications, webinaires pour AMORCE et le CLER, ou autres canaux à définir.

La majorité des initiatives sont en mesure de faire bénéficier DISCOVER de leurs services, à savoir Energie Partagée, Enercoop, AMORCE, FLAME et EnerCit'IF. Des liens sont engagés dans ce sens avec la plupart d'entre elles à travers des partages d'expérience et d'expertise.

Energie Partagée et son réseau de communautés d'énergie locales à travers la France, dont EnerCit'IF à Paris, a le projet d'accompagner tout projet local d'énergie renouvelable à la condition qu'il réponde à une volonté citoyenne. Energie Partagée peut former au montage de projets citoyen, à toutes les étapes et sur une grande partie de ses dimensions, grâce à l'expérience de terrain. L'accompagnement d'Energie Partagée peut prendre la forme d'un co-financement pour les projets d'une taille importante, et si les conditions de transparence et de gouvernance sont respectées. Energie Partagée pilote à cette fin le fonds EnRciT, créé en 2018 avec le soutien de l'Etat. La condition posée sur la taille des projets peut être une barrière pour les projets parisiens, notamment sur les toits des copropriétés qui sont de petite ou moyenne taille. Enfin, Energie Partagée sera évidemment le relai de tout projet se concrétisant à Paris que DISCOVER aura accompagné.

Pour la mise en place du guichet unique à Paris, l'APC travaille aujourd'hui en partenariat avec Energie Partagée et EnerCit'IF mais aussi **FLAME**, pour approfondir les enjeux du développement de projet et se doter d'outils en interne plus efficaces. L'enjeu central est de structurer le marché de la copropriété. Il faut aussi amplifier la mobilisation des citoyens entamée par EnerCit'IF, et celle des associations.

Enercoop ne finance pas directement les projets, mais en tant que fournisseur d'énergie renouvelable citoyen, il contribue au modèle économique des CEPs qui font le choix de leur revendre leur électricité. C'est ce que fait EnerCit'IF à Paris. Enercoop peut aussi mettre une partie de l'argent de ses coopérateurs au bénéfice de projets citoyens locaux via des montages locaux particuliers, comme en Languedoc-Roussillon. Enercoop peut accompagner la mise en place d'autoconsommation collective mais ce n'est pas encore le cas dans les centres urbains comme Paris.

Avec DISCOVER, l'APC va explorer la possibilité pour Enercoop de vendre sur le marché parisien de la copropriété ses services techniques, et de pousser à

l'autoconsommation collective. Par exemple, le groupement de commande pourrait agréger plusieurs copropriétés pour atteindre une taille de projet suffisant, et offrir des mutualisations d'énergie en autoconsommation collective.

Energie Partagée et Enercoop peuvent aider au financement des CEPs mais c'est sur le plan du financement qu'elles sont le moins adaptées aujourd'hui à la situation parisienne.

C'est pour combler ce vide que la Ville de Paris souhaite se doter en 2025 d'un outil de financement des études techniques préalables à l'installation photovoltaïque en copropriété. AMORCE pourrait apporter à l'APC son expertise juridique à cette fin.

L'ADEME ne finance pas non plus directement la production photovoltaïque, mais elle peut financer des études sur un territoire visant à déployer l'énergie renouvelable citoyenne, et, via le dispositif Les Générateurs (listé dans D2.2), elle contribue indirectement au financement des projets citoyens à gouvernance locale.

A Paris, l'Ademe co-finance pour 2024-2025 avec le Plan Urbanisme Construction et Architecture (PUCA), une étude coordonnée par l'APC sur les conditions de faisabilité de l'autoconsommation collective en centre urbain dense. Une synergie avec DISCOVER est ainsi déjà en place à ce niveau.

Enfin, trois initiatives sont en mesure proposer des formations aux porteurs de projets PV ou CEPs : Energie Partagée l'Asder et le réseau FLAME. Dans le cadre de DISCOVER, l'APC a été ou sera formée par chacune d'elles. Il reste à explorer la manière dont d'autres acteurs parisiens pourraient en bénéficier.

L'Asder propose des formations professionnalisantes, payantes, courtes ou longues, sur le secteur du photovoltaïque et du bâtiment. Dans les territoires où elles existent, la cinquantaine d'Agences Locales de l'Energie et du Climat (ALEC) organisées en réseau par l'association FLAME, sont susceptibles de proposer des modules de formation, des webinaires et des événements à destination des particuliers qui portent un projet de rénovation énergétique ou de production photovoltaïque, ainsi qu'aux professionnels locaux. L'APC est elle-même une ALEC et proposera ces formations.

6 CEPs support initiatives in Italy - Italian

Iniziative di supporto ai Progetti energetici comunitari in Italia – principali risultati

In Italia sono state individuate complessivamente dieci iniziative di supporto ai Progetti energetici comunitari (CEP), utili per facilitare la transizione energetica. Le organizzazioni promotrici delle iniziative appartengono ai settori pubblico-privato, mentre per quanto riguarda i relativi settori chiave, sono principalmente quello amministrativo, finanziario e tecnico. Il gruppo target dei fruitori delle iniziative è costituito principalmente dalle amministrazioni pubbliche, che sono in grado di svolgere un ruolo cruciale nella promozione e implementazione di nuovi CEP. Le iniziative forniscono agli utenti assistenza amministrativa e tecnica, oltre che supporto informativo, su aspetti finanziari e giuridici.

Le iniziative strategiche di supporto utili per gli obiettivi di DISCOVER nel pilota italiano sono essenzialmente quattro:

- Configurazioni per l'autoconsumo diffuso del GSE
- Osservatorio Nazionale per promuovere le Comunità di Energia Rinnovabile di ENEA
- Forum italiano delle comunità energetiche
- Sinergie - Sviluppo di comunità energetiche rinnovabili a impatto sociale.

Il servizio per l'autoconsumo diffuso è il servizio erogato dal GSE (Gestore dei Servizi energetici) per le configurazioni di autoconsumo diffuso, disciplinato dal TIAD e dal Decreto CACER (Configurazioni di Autoconsumo per la Condivisione dell'Energia Rinnovabile). Tale servizio è finalizzato alla determinazione e valorizzazione dell'energia elettrica condivisa (autoconsumata e incentivata). Il GSE è incaricato di gestire il registro delle CACER a livello nazionale, definisce le regole di gestione (standard, parametri, protocolli) per misurare l'energia condivisa e i relativi incentivi previsti dal quadro giuridico, monitorando l'evoluzione delle CACER e il loro impatto economico complessivo sul sistema energetico. In particolare, l'iniziativa "Configurazione per l'autoconsumo diffuso" prevede diversi strumenti, tra cui la mappa interattiva delle cabine primarie, un simulatore per la valutazione tecnico-economica dei sistemi fotovoltaici per l'auto - consumo collettivo o di comunità energetiche, la

formazione online gratuita per le autorità locali, la condivisione di modelli, una piattaforma online per la richiesta degli incentivi, una sezione dedicata alle domande più frequenti, oltre che documenti utili riguardanti la legislazione e le norme di attuazione. Il significativo potenziale di sinergia con DISCOVER risiede nell'opportunità di utilizzare i suddetti servizi (in particolare la mappa interattiva e il simulatore per la valutazione tecnico- economico) che possono incidere attivamente sul lancio delle quattro nuove iniziative a livello locale (lato italiano). Questa sinergia può essere ulteriormente rafforzata grazie all'accordo tra RENAEI - la rete italiana di agenzie energetiche (di cui AGENA fa parte) e GSE per sostenere le comunità energetiche a livello locale.

Una seconda iniziativa degna di nota è l'Osservatorio Nazionale per la promozione delle comunità di energia rinnovabile, di ENEA (Agenzia nazionale per le nuove tecnologie, l'energia e lo sviluppo economico sostenibile). Si promuove una roadmap di sviluppo nazionale per le CACER e individua le criticità della "filiera CER" a livello nazionale, locale e di singolo cittadino, collaborando con le istituzioni alla predisposizione di politiche abilitanti che favoriscano le comunità anche attraverso l'adozione di specifici provvedimenti legislativi e amministrativi. L'Osservatorio opera in quattro ambiti principali: economico-finanziario, normativo e amministrativo-legale, acquisizione-gestione dei dati e informazione al pubblico. L'iniziativa può avere un impatto su DISCOVER, perché facilita lo scambio di esperienze e il trasferimento di buone pratiche in diversi contesti territoriali e in settori ritenuti fondamentali per garantire lo sviluppo e la gestione efficace delle CER. Inoltre la sinergia è favorita considerando che RENAEI è membro del gruppo di lavoro "Governance e politiche regionali". Si prevede che questa iniziativa possa fornire modelli replicabili da implementare su tutto il territorio italiano.

Allo stesso modo, il "Forum italiano delle comunità energetiche", iniziativa promossa dal WEC Italia e dall'Energy Center del Politecnico di Torino a sostegno dello sviluppo delle comunità energetiche italiane, ha il compito di approfondire il contributo che le Comunità energetiche possono portare al raggiungimento degli obiettivi energetici e ambientali fissati a medio-lungo termine. Si analizza il contributo a livello nazionale per il PNIEC, il Piano nazionale integrato per l'energia e il clima, a livello internazionale per il New green Deal mentre a livello locale e globale per condividere le migliori pratiche per sviluppare

comunità energetiche, in modo da cogliere appieno i loro benefici da una prospettiva energetica, economica e ambientale.

DISCOVER può beneficiare di questa iniziativa, diventando membro di una rete multi-stakeholder, partecipando ad eventi e attività organizzate dal Forum, oltre a ricevere supporto nella programmazione di eventi per la diffusione di questo progetto.

DISCOVER può beneficiare anche dell'iniziativa "Sinergie" sia in termini di comunicazione, diffusione e condivisione dell' "Info package sulle CER" contenente un vademecum per la costituzione delle Comunità Energetiche Rinnovabili ad impatto sociale e contenuti video realizzati da esperti sui temi tecnici, giuridici, sociali e di governance. Vi sono inoltre modelli per la costituzione della forma giuridica della CER (es. Atto costitutivo di associazione non riconosciuta, statuto di associazione non riconosciuta, statuto di fondazione di partecipazione, statuto della società consortile a responsabilità limitata, Regolamento che regola i rapporti tra i clienti finali della CER per l'apporto della capacità di autoconsumo). Questi ultimi documenti possono essere adattati a DISCOVER con gli opportuni aggiustamenti da valutare caso per caso.

Le altre sei iniziative individuate possono creare sinergie con DISCOVER in termini di:

- finanziamento (ad es. il Fondo Complementare al PNRR per le aree sismiche 2009 e 2016 e il PNRR. Quest'ultimo può essere utilizzato per fornire un contributo a fondo perduto in comuni con meno di 5000 abitanti (ad es. il pilota di Castelli)
- formazione (es. GOCER – Gruppo operativo Comunità Energetiche rinnovabili per replicare la loro iniziativa e struttura sul pilota locale in termini di professionisti e rete)
- comunicazione e diffusione (ad es. la "Rete delle comunità energetiche rinnovabili e solidali", rivolta alla lotta alla povertà energetica; l'Helpdesk di supporto allo sviluppo delle CER in Emilia Romagna e la "Campagna BeCOme" nata per informare, formare e assistere i piccoli comuni nel percorso di sviluppo delle CER, considerando che 20 dei 47 comuni della Provincia di Teramo sono piccoli comuni (incluso il caso pilota di Castelli)

In conclusione, per i progetti pilota italiani, DISCOVER deve utilizzare il più possibile i servizi offerti e implementati dalle suddette iniziative di supporto, adattandoli al contesto

locale. Questi servizi, approfonditi nel deliverable D2.2, insieme ad una strategia specifica di coinvolgimento degli stakeholder (WP3), saranno un punto di partenza per facilitare l'implementazione di CEP su scala locale.



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