



coopérnico

*Energia verde
Sustentabilidade
Cidadania*

Collective self-consumption and REC

27th September 2022
XXIV Simpósio Luso-Alemão de Energia

1. ABOUT US



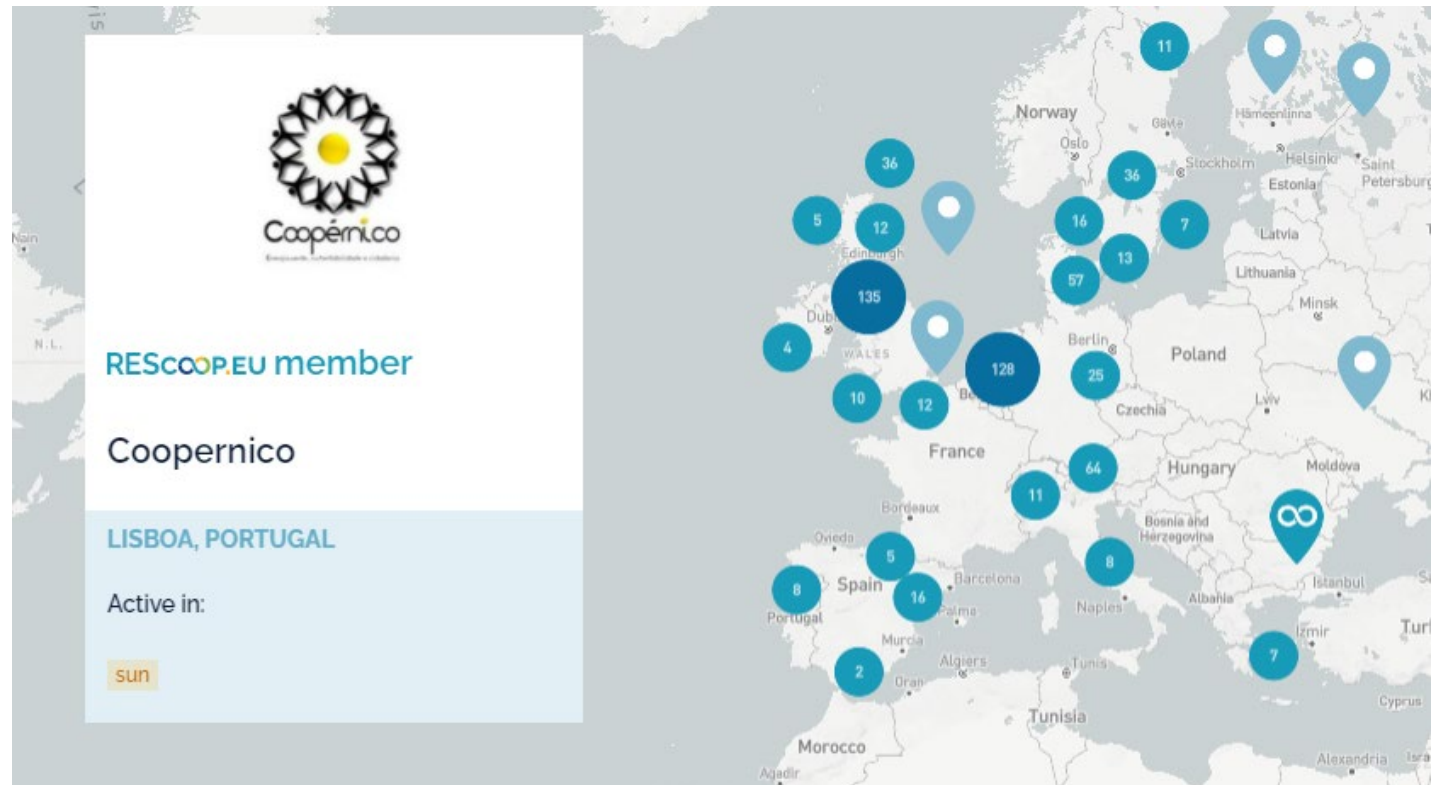
2464 members | €1.9M investments | 744 clients

1. RESCOOPS

Presence in Europe

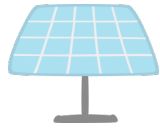
- RESCOOP.EU – The European Federation of Citizens Energy Cooperatives is growing
- REScoop.EU represents 1900 european energy cooperatives and their 1,250,000 citizens who are actively participating in the energy transition.

REScoop.EU



1. ABOUT US

Activities



Production

Members of the cooperative collectively invest in photovoltaic solar production projects.



Commercialization (Supply)

The cooperative produces as much energy as the members consume or compensates with national green certificates.



Energy services

The cooperative participates in several European projects and establishes several partnerships to facilitate access to energy services for members.

1. ABOUT US

REC support activities



Support to projects

From preliminary analyzes to project implementation, with support in the registration, implementation of the internal regulations...



Information sharing

Organizing the dissemination of new regulatory developments and training activities for municipalities.



Public consultations

Sharing of the challenges we face with regulatory authorities, as well as good practices from other European countries.

3. LEGISLATIVE FRAMEWORK

What is a Collective Self-Consumption (CSC)?

- An activity that can be developed by various types of entities;
- One or more Self-Consumption Units connected to two or more consumption points, belonging to one or more entities;
- Energy produced is shared by all participants according to the rules defined by them (per thousand, percentage or other).

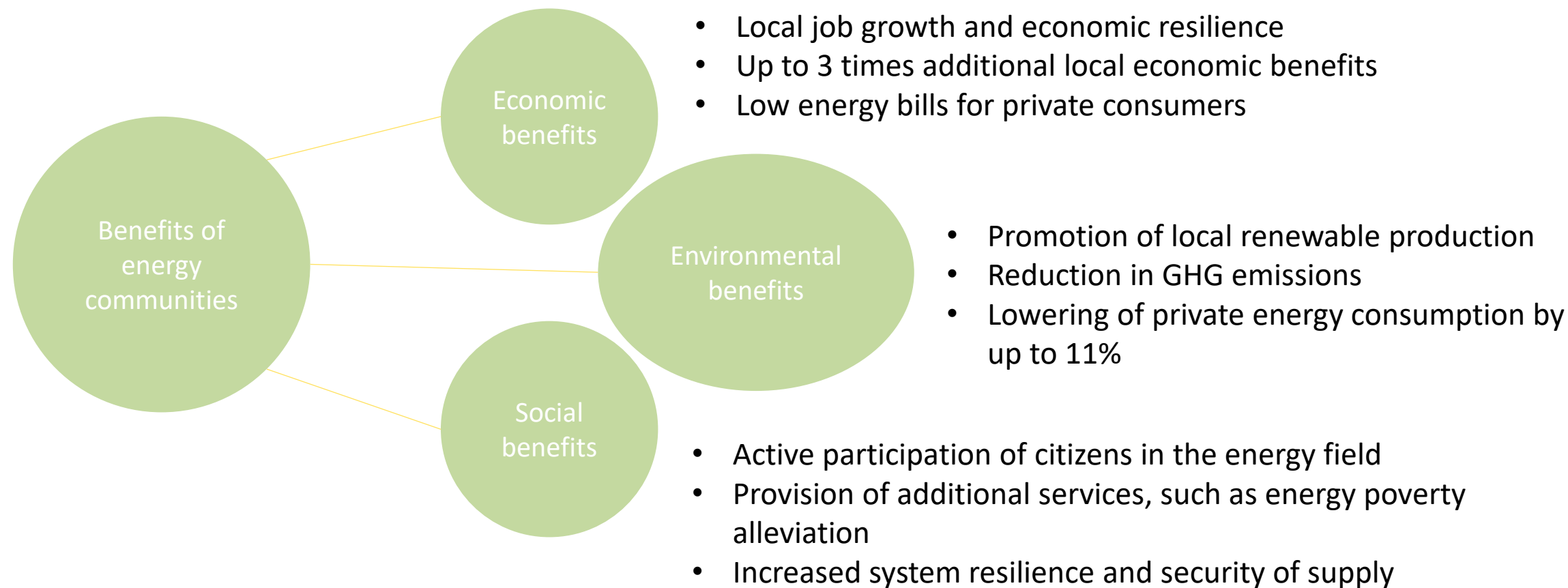
[DL 15/2022](#)

3. LEGISLATIVE FRAMEWORK

What is a Renewable Energy Community (REC)?

- An REC is a legal person constituted under the terms of the below mentioned decree-law, through the open and voluntary adhesion of its members, partners or shareholders, who may be natural or legal persons, of a public or private nature, namely including small and medium-sized enterprises or local authorities;
- Main objective: to provide environmental, economic and social benefits to members or to the locations where the community operates instead of financial profits [[Article 189, DL15/2022](#)].

3. BENEFITS OF ENERGY COMMUNITIES



3. Role of Coopérnico

- **Sharing knowledge with municipalities**
 - Training for municipal technicians
 - Support for case studies
- **Support to condominiums**
- **Prior analysis of energy savings and economic benefits**

4. PRACTICAL ASPECTS

Additional requirements for CSC and REC

Sharing Coefficients

- Each injection point (production) and consumption point must be equipped with a smart meter (equipment installed by the DSO).

Proximity

- Proximity is assessed by the DGEG taking into account (1) the Consumption Points linked to the project, (2) the different voltage levels associated with the project, (3) other technical or legislative elements.

EGAC

- The Self-Consumption Management Entity (EGAC) is responsible for all the interactions between collective self-consumption participants (with or without CER) and the SEN.

Internal regulation

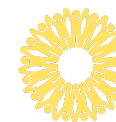
- Document that includes at least (1) the entry and exit requirements of members, (2) the deliberative majorities required, (3) the rules for sharing electricity, (4) the rules for sharing the payment of tariffs, (5) the destination of self-consumption surplus.

6. PRESENTATION OF PROJECTS

Condominium of Alta de Lisboa in



Compile



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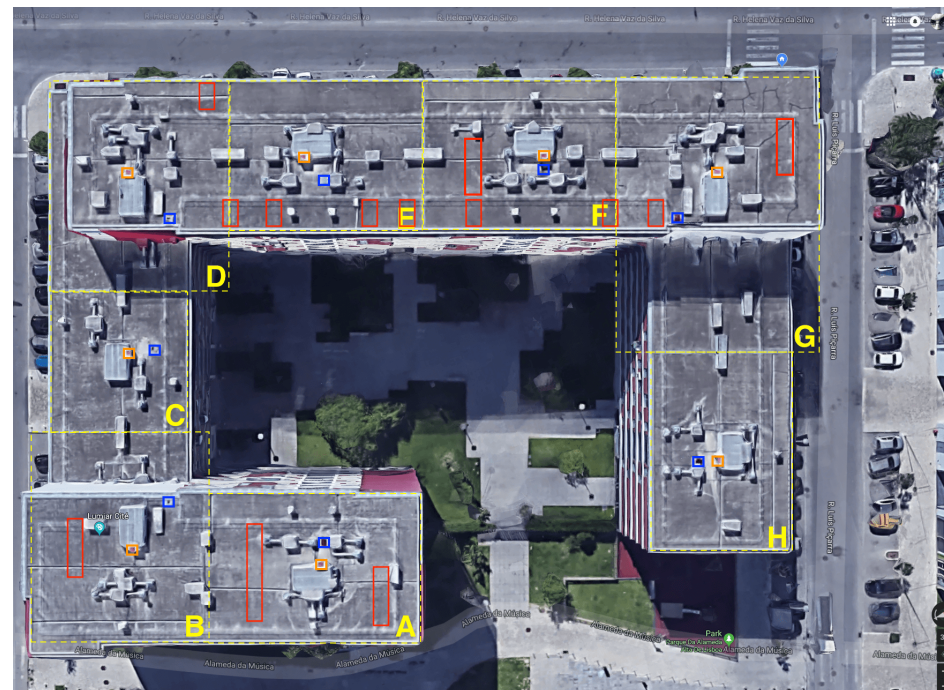
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CONTEXT

- Project started in 2018 (before the law on Renewable Energy Communities and Collective Self-Consumption)
- Condominium with more than 180 apartments and solar PV already installed for self-consumption in the common parts of the buildings
- **Transform individual self-consumption facilities into collective self-consumption**

COOPÉRNICO SUPPORT

- Preliminary studies on the impact of the transformation for collective self-consumption
- Support in the development of the ACC's internal regulations
- Assistance in the registration of the project



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 696084.

6. PRESENTATION OF PROJECTS

Condominium of Oeiras

CONTEXT

- First contacts with the condominium in 2020
- Condominium with 6 apartments, mostly Coopérnico members

COOPÉRNICO SUPPORT

- Preliminary studies to evaluate the project and simulate impacts
- Assistance in the creation of internal regulations and project registration
- Registration of the CSC on the DGEG portal and monitoring of the process



6. PRESENTATION OF PROJECTS

Community of the Parish of Vila Boa do Bispo

CONTEXT

- Parish Council has Coopernico members in the administration
- First contacts on the topic in 2020
- Entities involved: Volunteer Firefighters, Parish Council, Sports Pavilion, Casa do Povo (People's House)

COOPÉRNICO SUPPORT

- Preliminary studies to evaluate the project and simulate impacts
- Assistance in the creation of internal regulations;
- Creation and constitution of the REC, in the legal form of a 'Cooperative of Public Interest'.



Thank you!



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