

Marghera



Factsheet

Location:
Marghera district

Technologies:
Photovoltaics

Number of participants:
Currently in development phase



About the project:

The idea of founding an energy community emerged from ECIPA's long-standing experience in projects and initiatives related to energy efficiency, sustainability and innovation at both European and regional level. The Renewable Energy Community will be established in Marghera (Venice), at ECIPA's premises, with the aim of supporting the local energy transition and providing concrete benefits to businesses and the surrounding community. The area involved in the project is largely characterised by entrepreneurial and productive activities, including artisans and small and medium-sized enterprises. In this context, one of the most pressing local needs is the reduction of energy management costs, which have significantly increased in recent years and represent a major challenge for many businesses.

What is the goal? | Benefit of the REC

- to provide members with locally generated renewable electricity
- to promote energy sharing among participants

How do you achieve the goal? Key activities	How is the service provided? Sales and communication	What is needed to achieve the goal? Key resources
• through the formal establishment of the energy community • through the installation of photovoltaic systems with a total capacity between 50 and 100 kW	• through the active involvement of local companies as both producers and consumers of renewable energy • the generated energy will be fed into the local electricity grid and virtually shared among the members of the REC • the sharing of energy will be measured through smart meters and managed according to the national regulatory framework	• a sufficient number of participants • establish the REC • install photovoltaic systems • ensure the technical, regulatory, and organizational conditions required for energy sharing among members

What are the expected profits? | Earnings

- members benefit from cost savings by consuming locally self-produced renewable energy, which reduces the amount of electricity that needs to be purchased from the grid
- benefits derive from the incentives granted to RECs when the production and consumption of energy within the community are effectively balanced
- incentives administered by the GSE

Who should participate? Co-owners	What is the target group? Customers
• companies located within the condominium and in nearby areas • local associations • public institutions	• local SMEs • private households • municipalities
What other stakeholders are needed? Partners	What are the expected costs? Expenditure
• bank (financing) • insurance company	• estimated total investment required for installation of renewable energy production systems and the associated technical infrastructure approximately between EUR 150,000 and EUR 200,000

