



# ENERGY COMMUNITIES REPOSITORY

#EUenergycommunities

# TWO INITIATIVES TO SUPPORT ENERGY COMMUNITIES:



REScoop.eu, Energy Cities, FEDARENE, Florence School of Regulation, akaryon

## How is the Repository supporting energy communities?



Policy analysis



Mapping & impact assessment



Technical assistance

# Resources



## Good Practice, EU projects & initiatives

This screenshot displays four resource cards:

- Covenant of Mayors:** The world's largest movement for local climate and energy actions. Includes a 'Find out more' link.
- Clean energy for EU islands:** A central platform for the clean energy transition of more than 2,200 inhabited European islands. Includes an 'Endnote' link.
- Energy Poverty Advisory Hub:** The central platform of energy poverty expertise in Europe for local authorities and all stakeholders interested in taking action to combat energy poverty in Europe. Includes an 'Endnote' link.
- Rural Energy Community Advisory Hub:** An initiative by the European Commission that will help rural energy communities across Europe and provide technical assistance to such initiatives and projects. Includes an 'Endnote' link.

## One-Stop-Shops

This screenshot displays three resource cards:

- Housing Evolutions:** A unique online platform for stakeholders of experts and practitioners to share and learn from innovation challenges that are crucial to enhance and provide their housing objectives. Includes a 'Find out more' link.
- France:** A section header for the following card.
- Île-de-France Energies:** An integrated service provider offering technical design, implementation and operation, financing, and maintenance services to create efficiently residential apartment buildings. Includes a 'Find out more' link.
- Hauts-de-France Pass Renovation (PCARDE):** A national and brand instrument designed by the regional Public Service for Energy Efficiency that develops concrete tools on the ground with the aim of simplifying procedures for its inhabitants. Includes a 'Find out more' link.

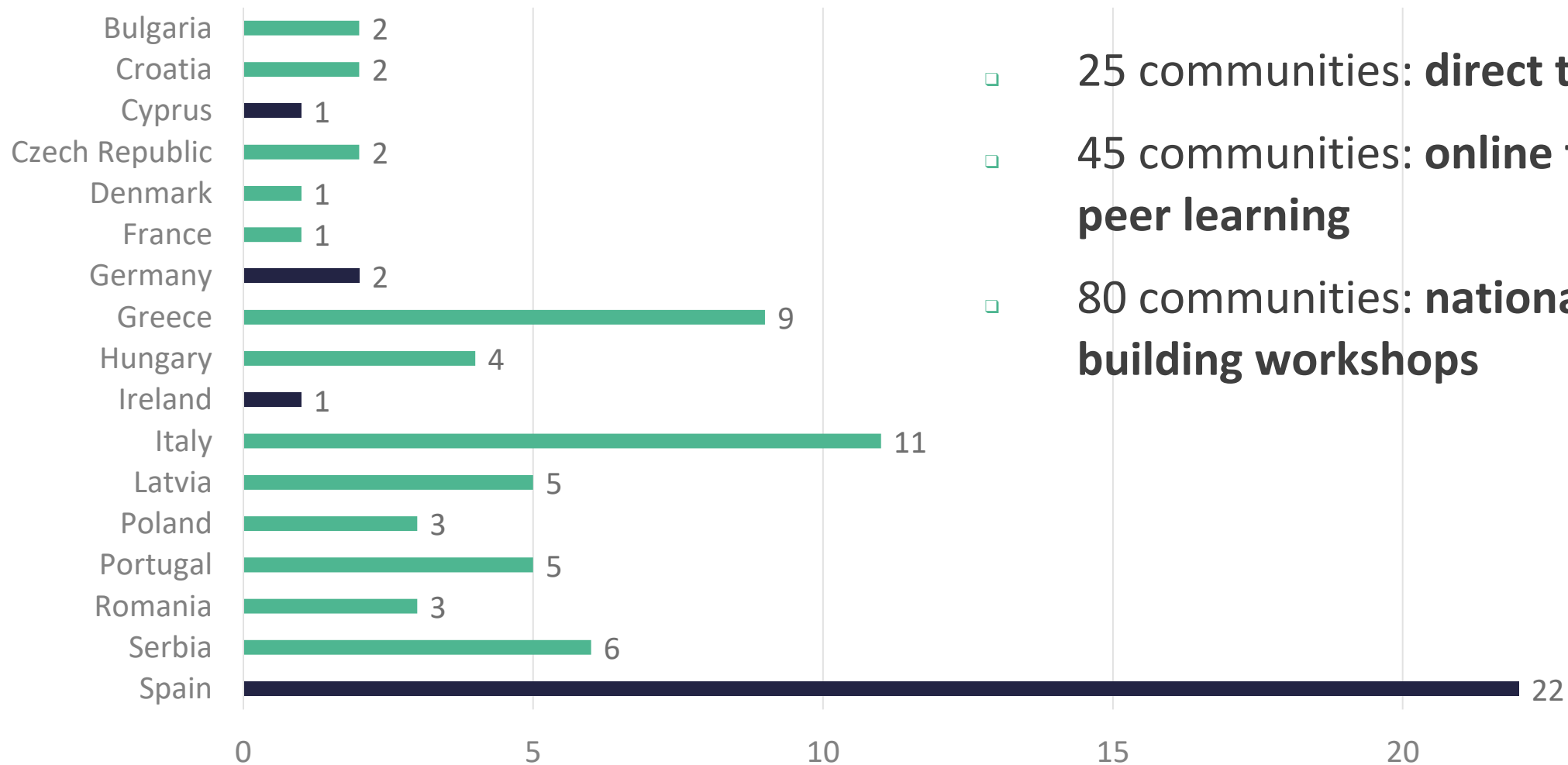
## Toolbox

This screenshot displays a 'Toolbox (101)' page with the following resources:

- From vision to action : how to tackle transition on EU islands?** An action-oriented guide to help islands navigate the transition toward clean energy. Includes a 'Find out more' link.
- Hedgerow biomass calculator:** Helps you get an understanding how feasible the cultivation of short rotation wood or the harvest of wood from your landscape will be for biomass projects. Includes a 'Find out more' link.
- Energy Housing Assessment Tool (ENERHAT):** Providing neutral and easy-to-understand information on energy efficiency for non-experts to facilitate decisions, integration of data from different administrations that helps decision-making. Includes a 'Find out more' link.



# Technical Assistance Applications



- 25 communities: **direct technical support**
- 45 communities: **online twinning & peer learning**
- 80 communities: **national capacity building workshops**





# Municipal-led TA applicants



- Czech Republic: PV and heat pump project
- Greece: hydro project
- Portugal: Climate Action Expertise Centre leading to creating of Energy Community
- Germany: help selecting sites for solar
- Cyprus: first energy community



Photo: Carlos Muza (unsplash)



## Repository Webinars

13<sup>th</sup> June: City-to-citizen collaboration

July/Sept: Taking your first steps as an energy community

Sept: Legislative frameworks for energy communities in the EU

Sept/Oct: How to set up a community energy one-stop-shop

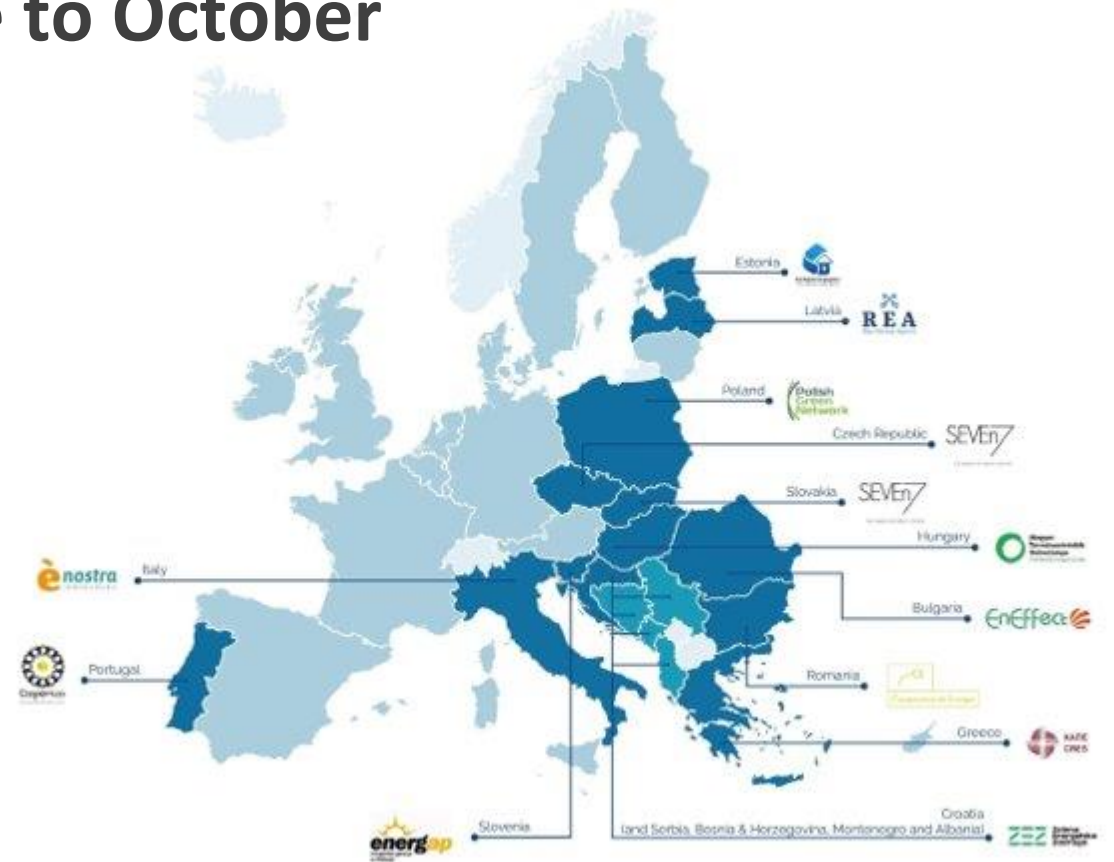
Oct: Build a business case for your energy community

Nov: How to organise a community investment campaign



# Capacity Building Workshops – June to October

- Bulgaria
- Croatia
- Czech Republic
- Greece
- Hungary
- Italy
- Latvia
- Lithuania
- Poland
- Portugal
- Romania
- Serbia
- Slovenia
- Slovakia







# Useful resources for municipalities and citizens

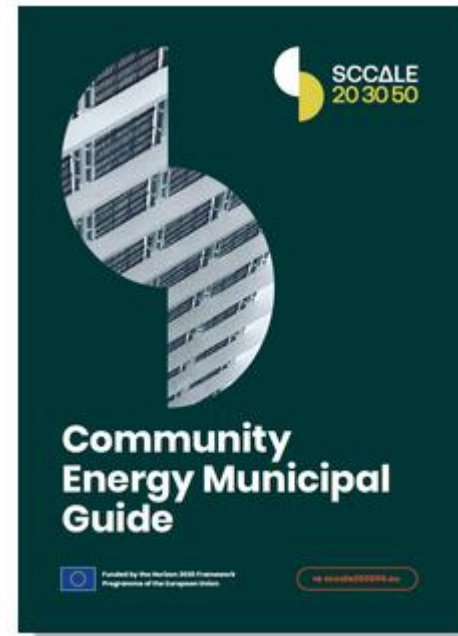
## Toolbox:

[SCCALE 20-30-50 municipal guide](#)

[Municipal procurement guide](#)

LIFE LOOP tools

Mailing list: [info@ec-repository.eu](mailto:info@ec-repository.eu)





## SCCALE 203050 Guide

The most successful community energy projects in Europe are those where groups collaborate with local authorities

### *COLLATERAL BENEFITS*

- *Contribute to climate objectives*
- *Improve energy efficiency and reduce energy poverty*
- *Enable a more active form of local citizenship*
- *Boost local economic development*



Photo credit FRECo





## 1. Favourable Regulations for Community Energy

Examples:

In 2021, Valencia (ES) set the goal to establish one hundred Energy Communities within the city by 2030.

Leuven's (BE) Green Energy Roadmap states "A local energy cooperative is to be established, to invest in local production, aiming for 40% of households to participate by 2030."



Photo credit <https://ec-lr.org/>





# 10 Ways Cities Can Support Community Energy



## 2. Engagement & Outreach

In Frome (UK), a joint communications campaign between the municipality and the energy cooperative enabled 300 000€ to be raised in 4 days.



Photo credit FRECo





# 10 Ways Cities Can Support Community Energy



## 3. Support in financing projects

**Seed funding:** E.g. London Community Energy Fund

**Municipal guarantee for financial institutions:** Culemborg (NL), CEC Thermo Bello used a municipal guarantee to obtain a bank loan to finance the initial phase in 2008.

**Energy community acting as an energy service company (ESCO):** In 2017 Halle (BE) upgraded street lighting to LEDs via a contract between the city and the local CEC Pajopower.

**Crowdfunding:** Cres-Lošinj (HR) in 2022 a campaign to collect €65 000 over 2 months collected more than €100 000 in just 3 weeks for the Filozići solar power plant



# 10 Ways Cities Can Support Community Energy



## 4. Sharing staff & resources

**Working with students:** Leuven (BE) works with **CORE**, a cooperative of engineering students at the local university

## 5. Developing Supporting Platforms, Tools & Programmes

**Maps & Atlases:** Varazdin (HR) has an interactive web application/map showing solar potential

**One Stop Shops:** Valencia (ES) has a one-stop Energy Office, run by the Foundation València Clima y Energía, which provides free energy advice for citizens. Ghent (BE) supported Energent CEC, to set up a one-stop shop for collective renovations

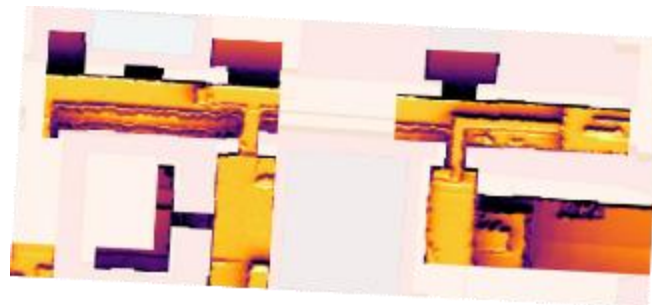


Photo credit Varazdin

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## 6. Facilitating dialogues between local stakeholders

In Greece, the Development Agency of the region of Karditsa (ANKA) helped set up Energeiakh Koinothta Karditsas Synpe (ESEK LLC), the regional Energy Cooperative Society.

## 7. Giving access to public sites

In Serock (PL) a cooperative is building a solar farm on the former municipal landfill. The municipality is leasing the land to the cooperative at a preferential rate.





## 8. Buying community power or heat

Local authorities can define qualitative criteria in their tenders that more or less directly favour citizens-owned energy supply.

Many cities are setting up 'Community Power Purchase Agreements: C-PPAs'.

Example: Eeklo (BE) tendered the concession for a district heating network based on waste heat and renewables with a minimum of 20% citizen ownership.







## 9. Co-investing in a jointly owned local project

Municipal councils of Amel and Büllingen(BE) organised a joint public tender for the development, construction and operational management of a wind farm.

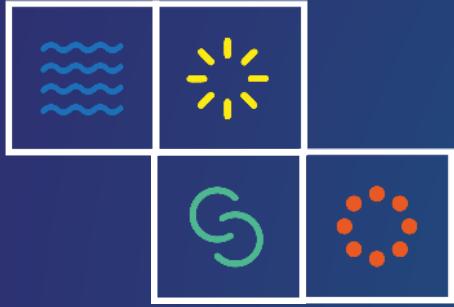
## 10. Becoming a direct member of an energy Community

Example: The municipalities of **Minoa Pediadas, Archanes-Asterousia and Viannos (GR)** are members of the Minoan Energy Community.



Photo credit Minoan Energy





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Contact us:  
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THANK YOU!