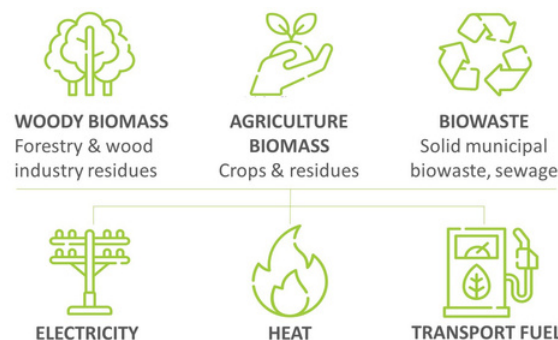




www.becoop-project.eu

Bioenergy?

Bioenergy derives from living organic materials and is one of many Renewable Energy Sources (RES) available to help meet increasing energy demands.



Flexible and reliable, storable, dispatchable and mostly locally-sourced, bioenergy has a positive socio-economic impact, increases job creation, ensures the transition from fossil fuels and can replace oil, gas, and coal in the electricity and heating sectors.

Communities?

Energy communities and Renewable energy cooperatives (RESCoops) are citizen-led initiatives that collectively own and manage renewable energy projects, providing environmental, economic and social benefits to their members and local communities. They can empower a more effective, fair, and democratised clean-energy transition, holding a series of benefits:



BECoop

For a fair and people-powered energy system, BECoop (2020-2023), a project supported by the European Horizon 2020 programme, aims at putting communities in charge of their local renewable (bio)energy generation, by providing the necessary conditions and support tools for unlocking the underlying market potential of community bioenergy and fostering new partnerships.

Key activities

To support community bioenergy heating development, BECoop will :

Carry out market research and identify drivers and barriers for the uptake of bioenergy technologies

Evaluate the bioenergy community market potential

Establish a suite of supporting resources, tools, technical and business services to support community bioenergy project development

Create new bioenergy heating communities and boost demand for bioenergy

Ensure ecosystem and capacity building with communication campaigns and events

Empower the community bioenergy ecosystem to expand across Europe

Engage policymakers at all scales (regional, national and EU)

4 pilots



BECoop tests the implementation of community bioenergy heating support scheme in 4 complementary pilot cases before transferring to additional cases across the EU. The project offers evidence for how we can achieve replication and scale up. Our pilots consist of:

- An existing RESCoop that focuses on other RE sourcers and aims to expand activities to bioenergy heating (Spain).
- An existing pellet-production RESCoop that aims to expand its biomass supply chain and extend activities to bioenergy production (Greece).
- A municipality that leads the development of a new RESCoop on bioenergy heating in a region where both community energy and RE heating currently have a very low penetration (Poland).
- An Energy Authority working synergistically with district heating companies to establish a shared production/consumption model (Italy).

4 tools...

A Knowledge Exchange Platform

A one-stop-shop lifting collaboration barriers across regions and sectors to share information and knowledge.

The BECoop (self) assessment tool

To assess the status and potential for community bioenergy with recommended technical and business actions.

The BECoop inventory of tools

Online repository of existing open-source tools completing the support services required for community bioenergy project development.

A bioenergy RESCoop e-market environment connects supply chain stakeholders and supports them when developing a community bioenergy project.

... and many more assets

2

BECoop technical and business catalogues

1

Inventory of community bioenergy lighthouse examples

20+

Energy community cases analysed

1

Network of interest of community bioenergy stakeholders

4

New bioenergy communities developed

8

Additional replication cases of the BECoop concept

4

BECoop national policy roadmaps

1

BECoop EU policy roadmap

1

Replication Handbook for applying the project outcomes to additional regional settings

Contacts



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