From setting up energy communities to making them thrive:

WHAT ARE THE TOOLS AVAILABLE?

Session 3: Let’s act

Get people involved and grow

POWERPOOR

Empowering Energy Poor Citizens through Joint Energy Initiatives

Energy poverty mitigation toolkit

Available

Ready

POWERPOOR

Empowering Energy Poor Citizens through Joint Energy Initiatives

POWERPOOR PROJECT

https://powerpoor.eu/

POWER - TARGET

Target energy poor citizens using a data driven approach that allows for the identification of energy poor citizens and communities

POWER - ACT

Empower energy poor citizens to understand their energy usage, the benefits associated with implementing energy efficiency interventions and with installing renewable energy sources.

POWER - FUND

Communicate joint energy initiatives and innovative financing opportunities to address energy poverty

- ✓Uses quantitative and qualitative analyses
- ✓User-friendly, can be used by all interested stakeholders,
- ✓Input: Energy consumption (electricity and heating), annual income,
- ✓Output: A classification indicating the energy poor and those at risk of energy poverty.

Available **Ready**

POWERPOOR

Empowering Energy Poor Citizens through Joint Energy Initiatives

POWERPOOR PROJECT

https://powerpoor.eu/

POWER TARGET

POWER ACT

POWER FUND

Limitations

✓Uses an enhanced 10% indicator – includes qualitative indicators

Future developments

✓ To customise for different countries across EU – incorporate more characteristics

Available

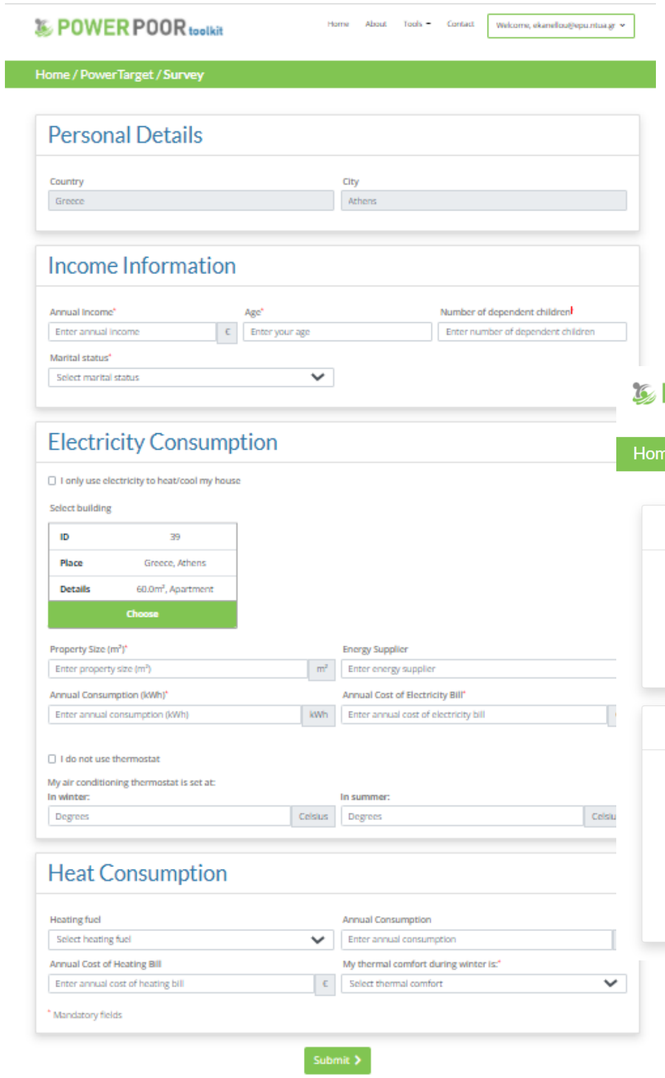
Ready

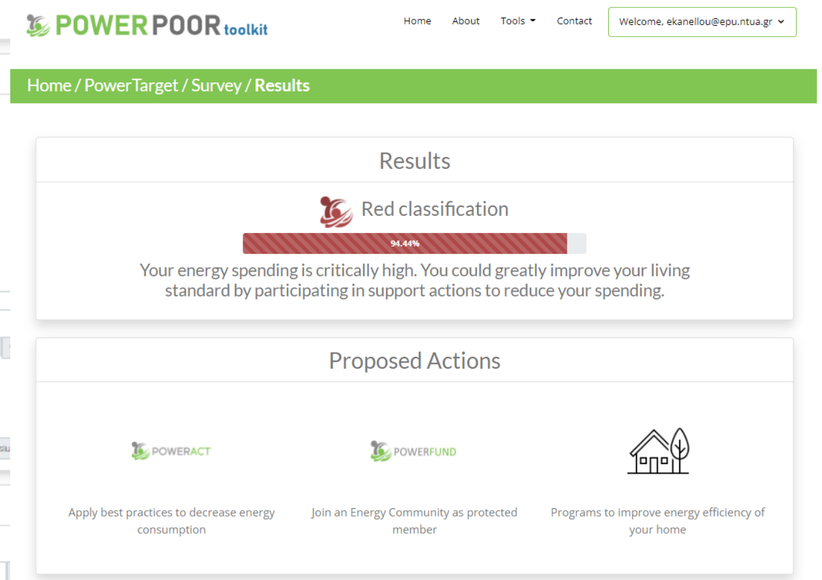
POWERPOOR

Empowering Energy Poor Citizens through Joint Energy Initiatives

POWERPOOR PROJECT

https://powerpoor.eu/





Available

Ready

E-Market Platform

Available

Ready

BECOOP PROJECT

BECOOP-PROJECT.EU

E-MARKET PLATFORM

- Are you planning to stablish a new energy community? Do you already own one but need to widen your contact network? **The <u>eMarket environment</u> can help you!**

- Is this made for you? If you are involved in bioenergy communities in local areas in a European level, then it is!

- What do you need? Only registration is needed, and its free!

- What can you obtain from its use?
  - You will find stakeholders that can complement your activities or provide solutions
  - You will be able to stablish new contacts and collaborations

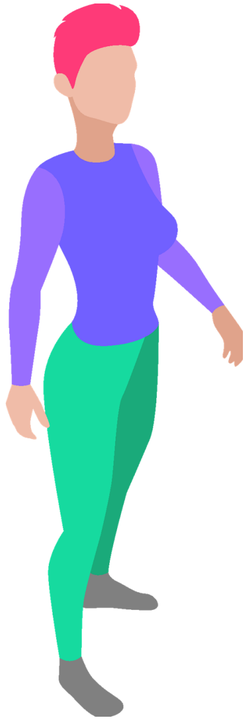
Available

Ready

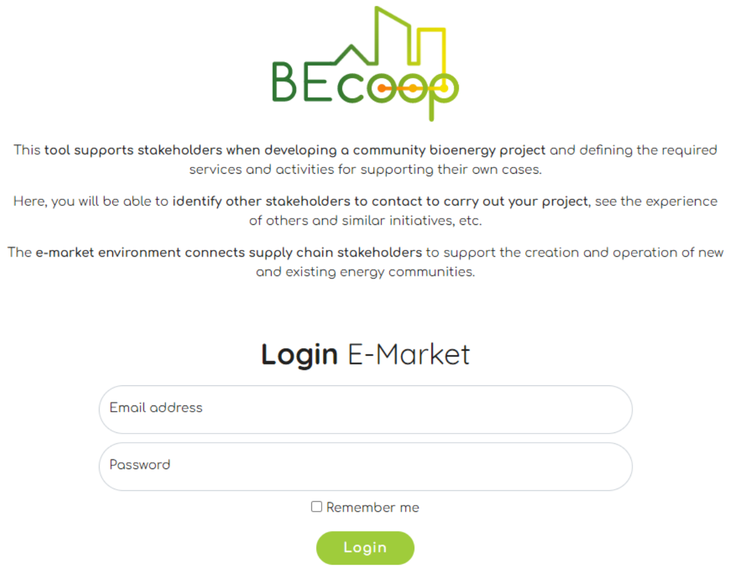
E-MARKET PLATFORM

BECOOP PROJECT

BECOOP-PROJECT.EU



- It offers the user a virtual environment for biomass heating and supply chains.
- You can post your offers or necessities and the system will suggest existing entries that best fit them.
- You can upload all the posts you want.
- You can contact other participants by direct messaging.



- In the following months, it will include a visual explanation of the interactions needed by stakeholders.
- This tool is under development, any feedback to improve the functionality of the tool is very welcome.

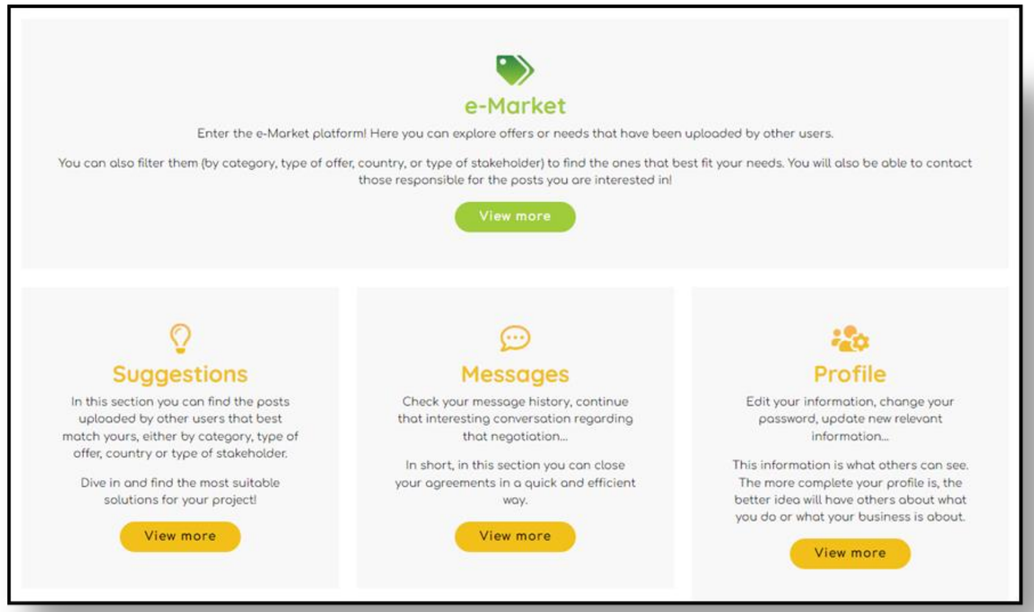
Available Ready

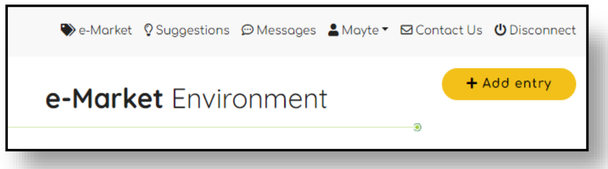
E-MARKET PLATFORM

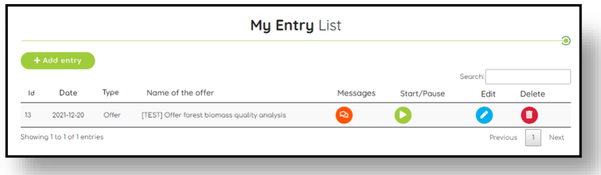
BECOOP PROJECT

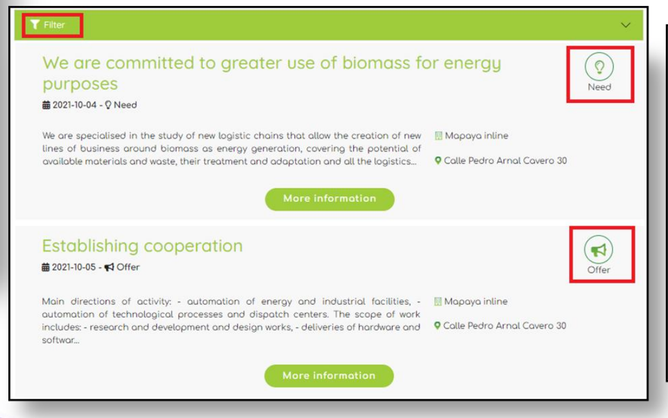
BECOOP-PROJECT.EU

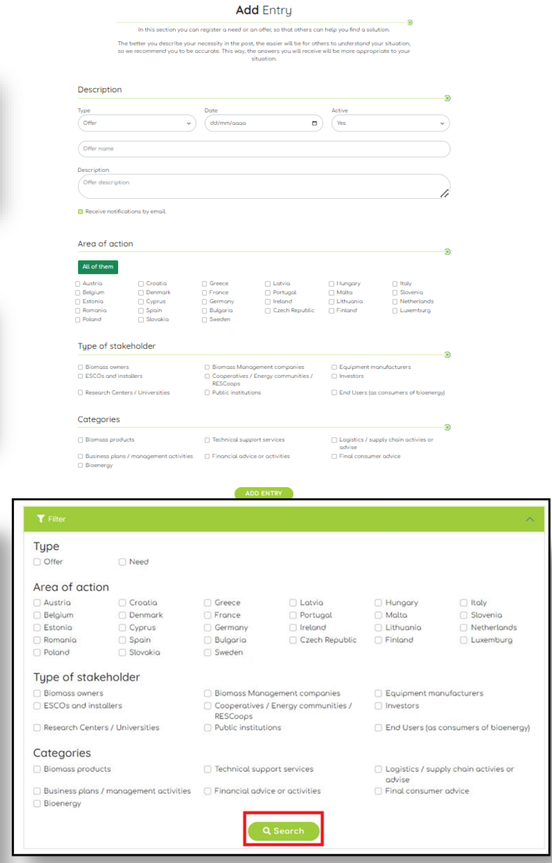
❖ Example: Andrea wants to develop a community energy based on district heating in Zaragoza (Spain), but she needs to find out ESCOs and biomass suppliers.











Available Ready

Knowledge Exchange Platform

Available

Ready

BECoop

https://www.becoop-project.eu/

- **One-stop-shop** lifting collaboration barriers across regions and sectors and minimising costs thanks to information sharing and knowledge exchange.
- **Pan European** with a focus in Spain, Italy, Poland and Greece
- Other RESCoops, community initiatives, municipalities, RE and bioenergy industry actors, investors
- Registration for some tools and forum
- **Repository of knowledge, tools and services** in the field of community bioenergy heating
- **Observatory/atlas** of bioenergy community cases
- Digital space for **fostering cross-regional networking, dialogue and knowledge exchange** among community bioenergy actors.

Available

Ready

BEcoop Knowledge Exchange Platform

e-Market | Self-assessment tool | Toolkit | Knowledge Repository | Bioenergy Community Cases | Network of Interest | Contact Us | Register

BEcoop

e-Market Environment

E-market environment – aims to develop community bioenergy projects (connecting multiple biomass providers, organise billing, etc.) and defining the required services and activities for supporting their own cases.

e-Market

Self-assessment Tool

Assessment tool – provides an evaluation methodology and tool along with a set of indicators, metrics and definitions for assessing the current status and future potential of a community endeavour regarding community bioenergy.

Load Resources Intro

Toolkit

Toolkit – an online repository of existing open source tools that can complement the support services that are required during the entire community bioenergy project deployment process.

See the toolkit ...

Available

Ready

BECoop Knowledge Exchange Platform

Bioenergy Community cases

... act as an observatory/atlas of RESCoops active in the field of bioenergy as well as with potential to include bioenergy including technologies, service providers and other useful information.

Register a new Bioenergy Community

Select filter(s)

Area | Renewable Energy Sources | Main Actions | Main Financial Resources | Governance Model | Clear

Available Ready

BECoop Knowledge Exchange Platform

Forums | Recent Posts | Register | Login

Forums

BECoop - Knowledge Exchange Platform Forum

Unread Posts

THEMATIC GROUPS	Last Post Info
Community Energy Building Topics: 0 | Posts: 0	Forum is empty
Bioenergy Technologies Topics: 0 | Posts: 0	Forum is empty
Biomass Supply Chains Topics: 0 | Posts: 0	Forum is empty
Financing schemes options Topics: 0 | Posts: 0	Forum is empty
Business Models Topics: 0 | Posts: 0	Forum is empty
Policy Making	

Available Ready

Energy Community vision game

Available

Ready

DECIDE PROJECT

DECIDE4ENERGY.EU

Energy community vision game

Horizon 2020
European Union Funding
for Research & Innovation

0% completed

Pause to continue later

Our energy transition will be most successful *together*.

Citizens can sell each other energy or participate together in energy communities.

Show us your vision of the energy transition below!

ⓘ **Instructions**
Select and group together those elements that represent your energy transition. Icons closer to the center are more important to you.
ⓘ **How?** Drag and drop the icon onto the target. Reposition an icon by click'n-holding its center and dragging it to the desired location. Delete an icon by clicking on it.

With whom?
- Neighbours
- Clubs/organizations
- My religious community

How would you participate?
- Initiator
- Producer/prosumer

Why are you in?
- Learn new things
- Fight climate change
- Social community

Do what?
- Solar in open spaces
- Biomass
- Building repairs

Available Ready

Energy community vision game

DECIDE PROJECT

DECIDE4ENERGY.EU

Target users = citizens, local stakeholders, community members

Key output = community vision: discussion & decision-making

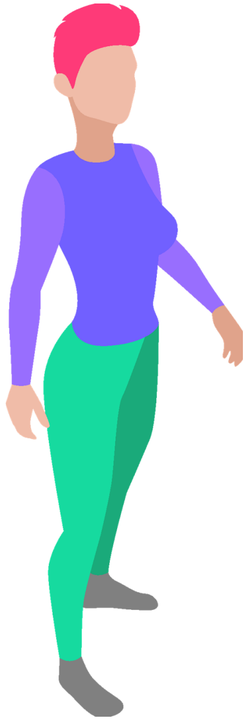
Visualization & priorization of:

- Different actors: With whom?
- Roles: How would you participate?
- Motivators: Why are you in?
- Implementations: What do you do?

Available Ready

DECIDE PROJECT

DECIDE4ENERGY.EU



Energy community vision game

BENEFITS

- low-threshold first steps
- visualized results
- discussion prompt
- fun! 🙂 both online & offline

LIMITATIONS

- individual -> compare & discuss to make it a collective action
- Context-dependent

FUTURE DEVELOPMENTS

- Agile replicable & extendable
- Evaluation possible
- Source code available via DECIDE

mainly for research

Available

Ready

WOMEN FOR MARKET UPTAKE OF RENEWABLE HEATING AND COOLING

Gender capacity building program

Available

Ready

W4RES
WOMEN FOR MARKET UPTAKE OF RENEWABLE HEATING AND COOLING

W4RES PROJECT

w4res.eu

CAPACTIY BUILDING PROGRAM

- **Goal:** Capacity building on women empowerment in the RHC sector, include gender in business model
- **Target user:** Private sector (energy communities, companies, utilities, etc.), decision-makers
- **Scope:** Seminars: Regional focus in 8 countries (*Belgium, Bulgaria, Denmark, Germany, Greece, Italy, Norway, and Slovakia*)
  Webinars: International focus
- **Inputs needed:** Experience sharing, barriers faced in the sector
- **Key outputs:** Capacity building, skills strengthening, training package to bring home (a step-by-step toolkit on how to build a gender-just energy company, glossary, FAQ, Gender Action Plan)

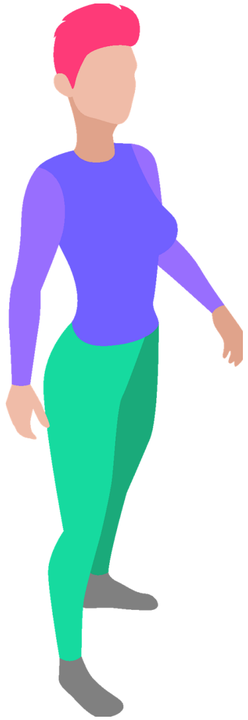
Available

Ready

W4RES PROJECT

w4res.eu

CAPACTIY BUILDING PROGRAM



- **Limitations of the tool:** Partner countries for our seminars, Private sector and decision-makers
- **Future development directions:** Implementation of gender tools and instruments (e.g., gender indicators, gender-just communication, etc.)and gender action plan within workplaces, development of gender-just policies

Available Ready

W4RES PROJECT

w4res.eu

CAPACTIY BUILDING PROGRAM

- **The role of Andrea:** Participate in seminars and webinars to strengthen her skills, share knowledge and experience
- **What she is looking for and what is she getting from the tool:** Improve gender equality in her community. Knowledge on gender inequalities in the sector, solutions, benefits, real life successes examples
- **How can this be used for the community energy initiative:** Implement gender tools and instruments within the community (e.g. indicators, policies and programs, gender-just communication), gender action plan

Available Ready

eCREW | eSTABLISHING COMMUNITY RENEWABLE ENERGY WEBS

The Business model tool

Available

Ready

eSTABLISHING COMMUNITY RENEWABLE ENERGY WEBS

[eCREW - Household cooperation in energy management (ecrew-project.eu)]

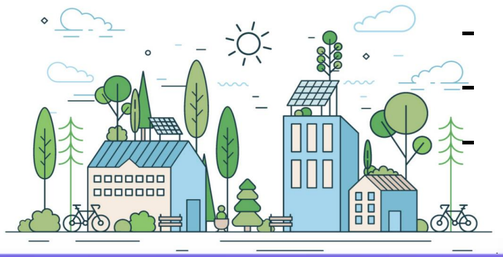
The way to go – eCREW tool box:

Useful tools for Andrea (PV-owner/consumer):

- Enablers and Barriers
- Digital Platform – virtual community - user app guide
- Split incentive scheme
- Best practices and lessons learned
- PV-installment savings and self consumption assessment
- Engagement and network report
- Exchange and Follower Community Events

Useful tools for CAE (energy utility)

- White Book Compendium – Business Model declaration
- CEO Handbook
- KPIs for community progress and measurement
- Best practices and lessons learned



Read

Availabl

eCREW | eSTABLISHING COMMUNITY RENEWABLE ENERGY WEBS

eCREW - Household cooperation in energy management (ecrew-project.eu)

The way to go – eCREW tool box:

How can eCREW be used for the community energy initiative?

- As a governance and management solution
- As digital support instrument
- As business model to aim for

Read

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Energy Citizenship Academy

Available

Ready

EC2 - Energy Citizenship and Energy Communities for a Clean Energy Transition

EC2PROJECT.EU

Energy Citizenship Academy *(working title)*

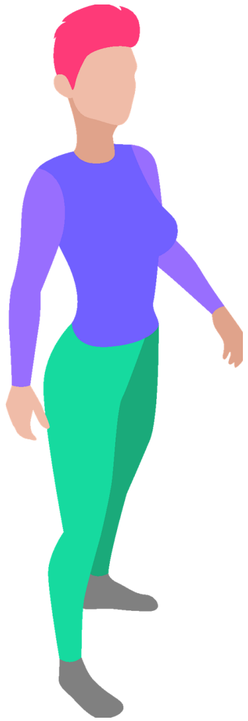
Become part of the energy citizenship movement

Create people-centric and inclusive energy initiatives, and improve the existing ones

Available Ready

EC2 - Energy Citizenship and Energy Communities for a Clean Energy Transition

EC2PROJECT.EU



Energy Citizenship Academy *(working title)*

Build your capacity as a people-centred energy actor!

- For community energy actors (incl. energy communities), local & national authorities, NGOs, CSOs, engaged citizens, renewable energy industry…
- Actors in Europe and beyond (incl. coal transition regions)
- Basic modules: self-paced online training using a multimethod approach
- Advanced modules: interactive exchange with the learning community (incl. “hackathons”)

Current status: Development of the curriculum

- Conducting a needs assessment with the stakeholders (“what is needed?”) and sister projects (“what is already out there?”)
- Launch in April 2023

Available

Ready

EC2 - Energy Citizenship and Energy Communities for a Clean Energy Transition

EC2PROJECT.EU

Energy Citizenship Academy *(working title)*

After signing up for the Energy Citizenship Academy, Andrea will…

- learn how to create people-centred energy initiatives that respond to everyone's needs and aspirations.
- understand the barriers that they face on their energy citizenship journey and how to overcome them (applying co-created digital tools).
- gain access to an international learning community, meeting and collaborating with other people-centered energy actors.

Stay updated!
Subscribe to our newsletter (ec2project.eu/newsletter) or find us on LinkedIn/Twitter/Instagram!

Available Ready