



Community Energy for Energy Solidarity (CEES)

EPAH Conference - 29 June 2022



CEES has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No. 101026972.



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ENERGY SOLIDARITY

CEES aims

to **validate energy community (EC) actions** that uphold **energy solidarity** and **alleviate energy poverty**.



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Three interrelated themes (1/3)

Energy poverty

The situation in which households are unable to access affordable **'energy services'** that underpin elements of **'human flourishing'**.



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Three interrelated themes (2/3)

Energy communities

Collectives that support equitable, democratic and fair transitions towards more **local, sustainable and efficient energy systems.**



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Three interrelated themes (3/3)

Energy solidarity

Engage with people in energy poverty

Raise awareness of why it exists and its impacts

Lead equitable and fair clean energy transitions

Anchor broader community relationships

Create EC networks for energy solidarity



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The Consortium



UNIVERSITY OF
BIRMINGHAM



RESCOOP.EU

ENACT
the ENERGY ACTION project

ALIENERGY
Argyll, Lomond & the Islands Energy Agency



SNAP!



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Two streams of action

SURVEY

PILOT

ASSESS

DEPLOY

IDENTIFY

ENGAGE

ACT

SUPPORT

MEASURE

Research & evaluation

SURVEY what ECs currently do

PILOT mechanisms across partners

ASSESS effectiveness of pilots

DEPLOY effective measures through

Energy Solidarity Toolkit

Five areas of interest

IDENTIFY who is vulnerable to / affected by energy poverty

ENGAGE find ways to engage households & stakeholders

ACT to alleviate energy poverty, hard / soft measures

SUPPORT actions through financing / legal frameworks

MEASURE the impact of actions / engagement



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Measuring the impacts of CEES

Four key targets



ENGAGE

17 000

households in
energy poverty



SAVE

10%

of household energy
demand per year

Activ



REDUCE

7.5 GWh

of energy-related
emissions per year



TRIGGER

€2 MLN

investment in
community energy



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Enercoop / Énergie Solidaire • Financing schemes

SUPPORT: finance action against energy poverty by

- collecting micro-donations from energy bills
- directing value of surplus energy donations

Barriers & Opportunities

- **Opportunity:** wide range of policies/initiatives + tax benefits
- **Barriers:** separate legal entity for donations + administrative burden



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Repowering London • Community engagement

ENGAGE:

- **Diverse actors** to leverage services and financing available in community
- **Vulnerable households** to boost energy know-how and empower them as agents of change

Barriers & Opportunities

- **Opportunity:** wide range of policies/initiatives, extensive network of allies
- **Barriers:** lack of awareness among citizens, financial benefits to volunteering (admin burden)



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ALenergy • Affordable warmth

- **IDENTIFY:** professional targeting linked to 'life' moments
- **ACT:** advice, home visits/training, behavioral change, energy savings kits
- **ENGAGE:** Referrals network

Barriers & Opportunities

- **Opportunity:** wide range of policies/initiatives
- **Barriers:** lack of awareness among citizens, GDPR, reliance on grants



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ZEZ • Investor / actor engagement

- **ENGAGE:** Education for young unemployed people → energy advisors
- **ACT:** Energy efficiency kits

Barriers & Opportunities

- **Opportunity:** connecting to other policy priorities (ex. unemployment)
- **Barriers:** lack of general awareness, understanding, legal framework, trust and data



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Les 7 Vents • Shared, supported self-renovation

- **ACT:** hard / soft measures to improve efficiency; boost energy know-how
- **ENGAGE:** diverse actors and build community among people

Barriers & Opportunities

- **Opportunity:** regional public support + recognition
- **Barriers:** volunteers on construction sites (insurance, final responsibilities)



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Coopérnico • Cooperative loans

SUPPORT: low-interest lending of capital for RES*

- to cooperatives to install PV on roofs of charities
- other members for RES for self-consumption or energy efficiency measures

* RES = renewable energy sources

Barriers & Opportunities

- **Opportunity:** Feed in Tariffs,
- **Barriers:** lack of legal framework and policy incentives, data, disappearing of Feed in Tariffs; demanding and bureaucratic context



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2023-25

Learnings from **survey, pilot** and **assess** will inform the **Energy Solidarity Toolkit**.

To empower ECs, Toolkit will include proven mechanisms across the scope of:

IDENTIFY • ENGAGE • ACT • SUPPORT • MEASURE



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THANK YOU!

www.energysolidarity.eu



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www.linkedin.com/company/community-energy-for-energy-solidarity/



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ENERGY COMMUNITIES REPOSITORY



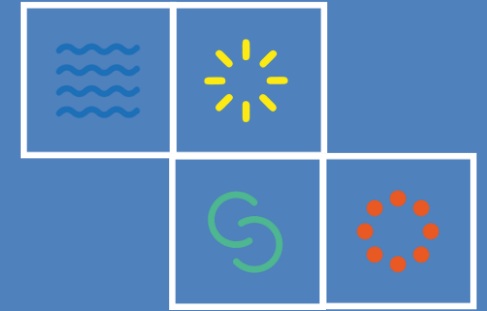
#EUenergycommunities



European
Commission

KEY ACTIVITIES

- 1 DATA COLLECTION & ANALYSIS
(ENERGY COMMUNITIES & LEGAL FRAMEWORKS)
- 2 TECHNICAL ASSISTANCE
(DIRECT TECHNICAL ASSISTANCE, TWINNINGS,
CAPACITY-BUILDING)
- 3 IMPACT ASSESSMENT
- 4 TOOLBOX &
BEST PRACTICES



ENERGY
COMMUNITIES
REPOSITORY

TECHNICAL ASSISTANCE

- Launched on 21 June 2022
- Application guidance & recording of the launch webinar on the Repository website
- Cut-off dates:
 - 31 August 2022
 - 31 October 2022
 - 31 December 2022





Starting 21 June 2022:

- Information webinar
- National info sessions
- Application guidelines & application form
- Helpdesk

How to apply:

Application form, incl:

- Project description
- Ranking of support needs
- Letter of Intent (incl. in application form)

Deadlines

- 31 August 2022
- 31 October 2022
- 31 December 2022

Within 4-6 weeks of each application deadline:

- Evaluation of support needs with DG ENER
- Matching of applicants with experts
- Scoping session with expert & beneficiary
- Signing of support agreement



ENERGY COMMUNITIES REPOSITORY

1 PRE-APPLICATION

2 SUBMISSION

3 EVALUATION

#EUenergycommunities



European Commission



ENERGY COMMUNITIES REPOSITORY



https://energy-communities-repository.ec.europa.eu/index_en



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