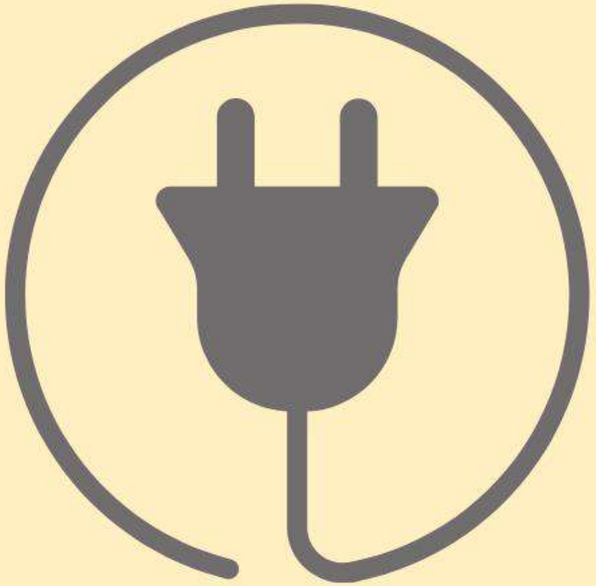
POWERPOOR
Empowering Energy Poor Citizens through Energy Cooperative Initiatives

EURO CROWD

POWERPOOR
BROKERAGE EVENT

PROVIDING SOLUTIONS TO ENERGY CHALLENGES



30 November
Rue Montoyer 24 - Brussels

POWERPOOR
Empowering Energy Poor Citizens through Energy Cooperative Initiatives

EURO CROWD

9:00 - 9:10

Welcome and scope of the event

Francesca Passeri

Deputy Director, *EUROCROWD*

POWERPOOR
Empowering Energy Poor Citizens through Energy Cooperative Initiatives

EURO CROWD

9:10 - 9:20

The importance of providing solutions to energy challenges

Haris Doukas

Scientific Coordinator of *POWERPOOR*

POWERPOOR
Empowering Energy Poor Citizens through Energy Cooperative Initiatives

EURO CROWD

9:20 – 9:45

Powering Europe's energy sector: Overview of REPowerEU and future opportunities to achieve the energy transition

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Achille Hannoset

DG ENER, *European Commission*

POWERPOOR
Empowering Energy Poor Citizens through Energy Cooperative Initiatives

EURO CROWD

9:45 - 10:00

Overview of EU-funded projects contributing to energy poverty mitigation

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Silvia Vivarelli

Senior Project Adviser, *European Commission*

POWERPOOR
Empowering Energy Poor Citizens through Energy Cooperative Initiatives

EURO CROWD

10:00 - 10:15

POWERPOOR - Empowering EU citizens in alleviating energy poverty

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Eleni Kanellou

Project Manager of *POWERPOOR*

POWERPOOR
Empowering Energy Poor Citizens through Energy Cooperative Initiatives

EURO CROWD

10:15 - 10:30

Enhancing synergies between EU-funded projects: Are renewable energy communities a solution in the energy crisis and energy poverty?

Marine Faber Perrio

Head of communications, *IEECP*

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COFFEE BREAK

10:30 - 10:45

POWERPOOR
Empowering Energy Poor Citizens through Energy Cooperative Initiatives

EURO CROWD

10:45 - 12:45

Presentation of EU-funded projects

Boosting renewable energies through citizen participation and bringing energy poverty projects into local actions

POWERPOOR
Empowering Energy Poor Citizens through Energy Cooperative Initiatives

EURO CROWD

10:45 - 12:45

Presentation of EU-funded projects

- **Enpor** - Francesco Robimarga, Legal Assistant, UIPI
- **SocialWatt** - Marine Faber Perrio, Head of communications, *IEECP*
- **EmpowerMed** - Anamari Majdandžić, Senior Expert, *DOOR*

POWERPOOR
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EURO CROWD

10:45 - 12:45

Presentation of EU-funded projects

- **DECIDE** - Gosia Mątowska, Public Affairs Expert, *Th!nk E*
- **ACCEPT** - Paola Mazzucchelli, Brussels Delegate, *FCIRCE*
- **ComAct –** Margaux Barrett, Communications Manager, *BPIE*
- **RESINDUSTRY** - Michal Tobiáš, Researcher, *CVU*

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LUNCH BREAK

12:45-13:45

POWERPOOR
Empowering Energy Poor Citizens through Energy Cooperative Initiatives

EURO CROWD

14:00 - 14:15

Energy Poverty Advisory Hub: Understanding and Addressing Energy Poverty

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Dora Biondani

Senior Project Coordinator, *Climate Alliance*

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EURO CROWD

13:45 -14:00

SUITE - SCALING UP ASSIST
Social operators mitigating energy poverty

Marina Varvesi

Research & Innovation Area Responsible,
RETE ASSIST

POWERPOOR
Empowering Energy Poor Citizens through Energy Cooperative Initiatives

EURO CROWD

14:15–15:30

Presentation of EU-funded projects

Boosting renewable energies through citizen participation and bringing energy poverty projects into local actions

POWERPOOR
Empowering Energy Poor Citizens through Energy Cooperative Initiatives

EURO CROWD

14:15–15:30

Presentation of EU-funded projects

- **CITIZEE** - Maximilian Wimmer, Senior Researcher, *Stiftung-Umweltenergierech*
- **stream SAVE** - Guillermo Borragán, Project Manager, *VITO*

POWERPOOR
Empowering Energy Poor Citizens through Energy Cooperative Initiatives

EURO CROWD

14:15–15:30

Presentation of EU-funded projects

- **NEVERMORE** - Efi Karakitsou, Postdoctoral Researcher, *NCSR "Demokritos"*
- **Sun4All** - Andreas Jäger, Project Officer, *ICLEI*
- **PROSPECT +** - Diana Prsancova, Project Officer, *FEDARENE*

POWERPOOR
Empowering Energy Poor Citizens through Energy Cooperative Initiatives

EURO CROWD

COFFEE BREAK

15:30-15:45

POWERPOOR
Empowering Energy Poor Citizens through Energy Cooperative Initiatives

EURO CROWD

15:45 - 16:45

Pitching Session

Present your project idea to potential international partners

10 min per project

POWERPOOR
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Wrap up - Q&A Session

16:45 - 17:00

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EURO CROWD

Thank you!

POWERPOOR
Empowering Energy Poor Citizens through Energy Cooperative Initiatives

EURO CROWD

NETWORKING

DRINKS

17:00

The Network
Luxembourg Square

POWERPOOR

Empowering Energy Poor Citizens through Joint Energy Initiatives

The importance of providing solutions to energy challenges

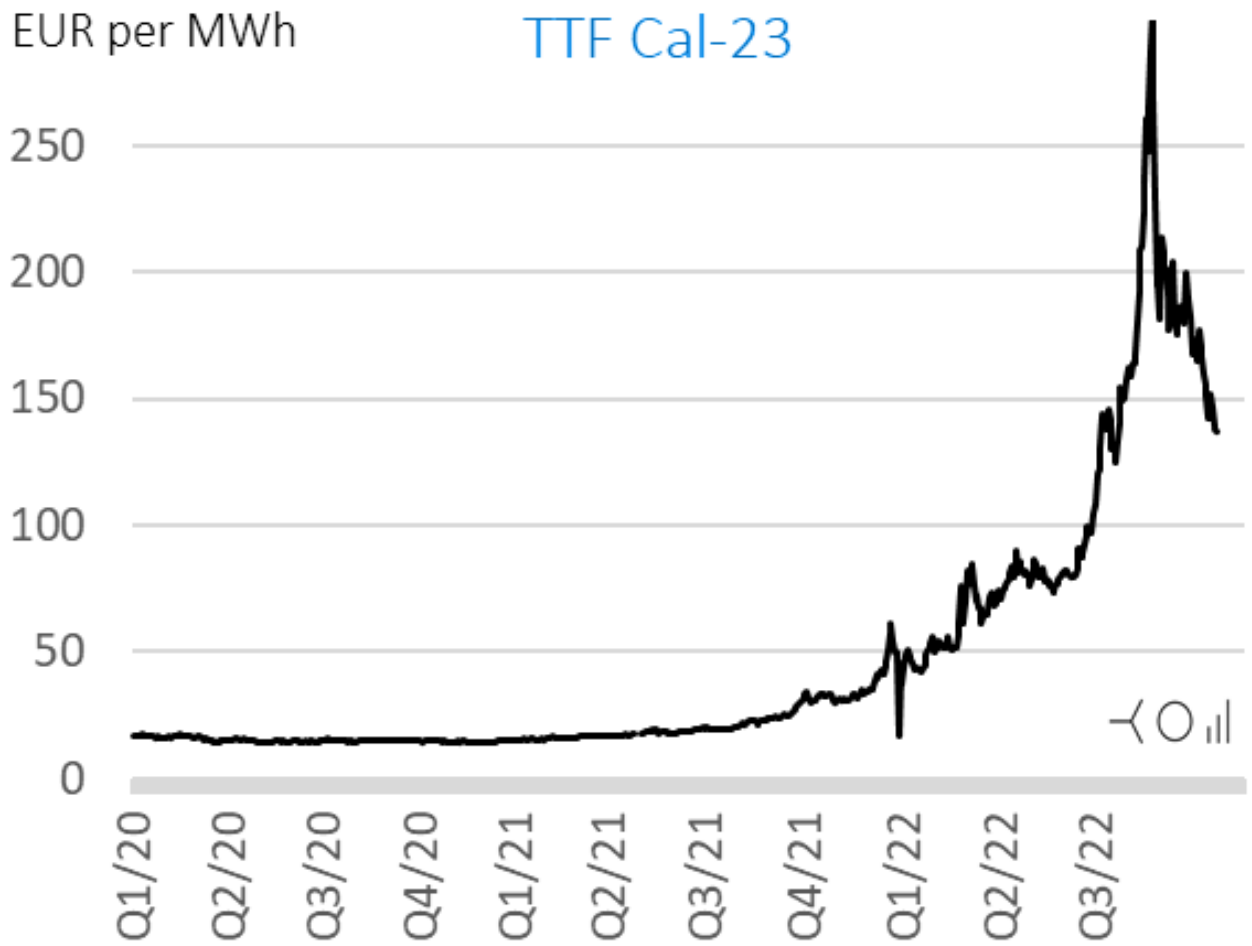
Haris Doukas– NTUA

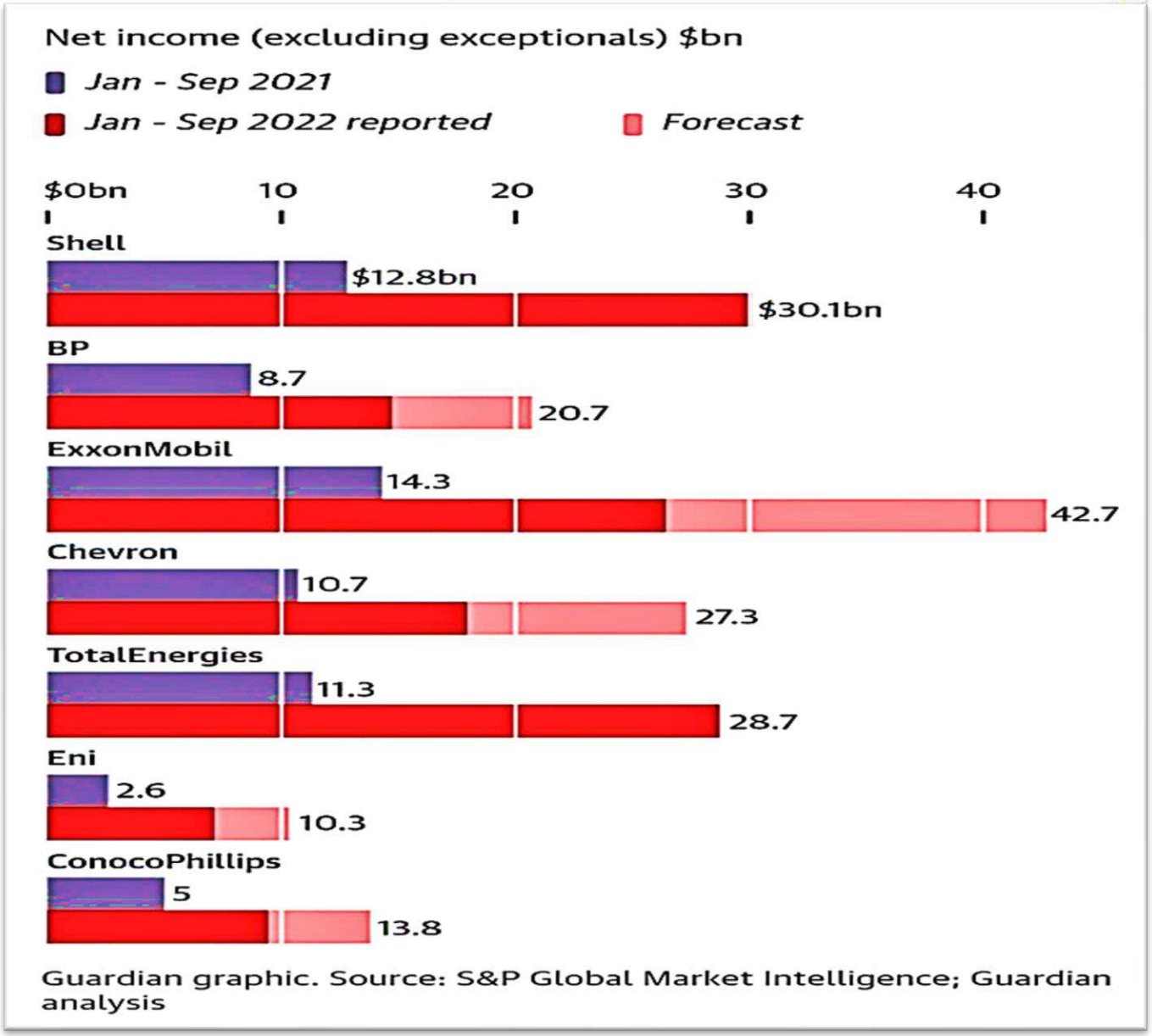
30th of November 2022

This project has received funding from the European Union's HORIZON 2020 research and innovation programme under grant agreement No 890437

POWERPOOR

Natural Gas in the Dutch Energy Exchange

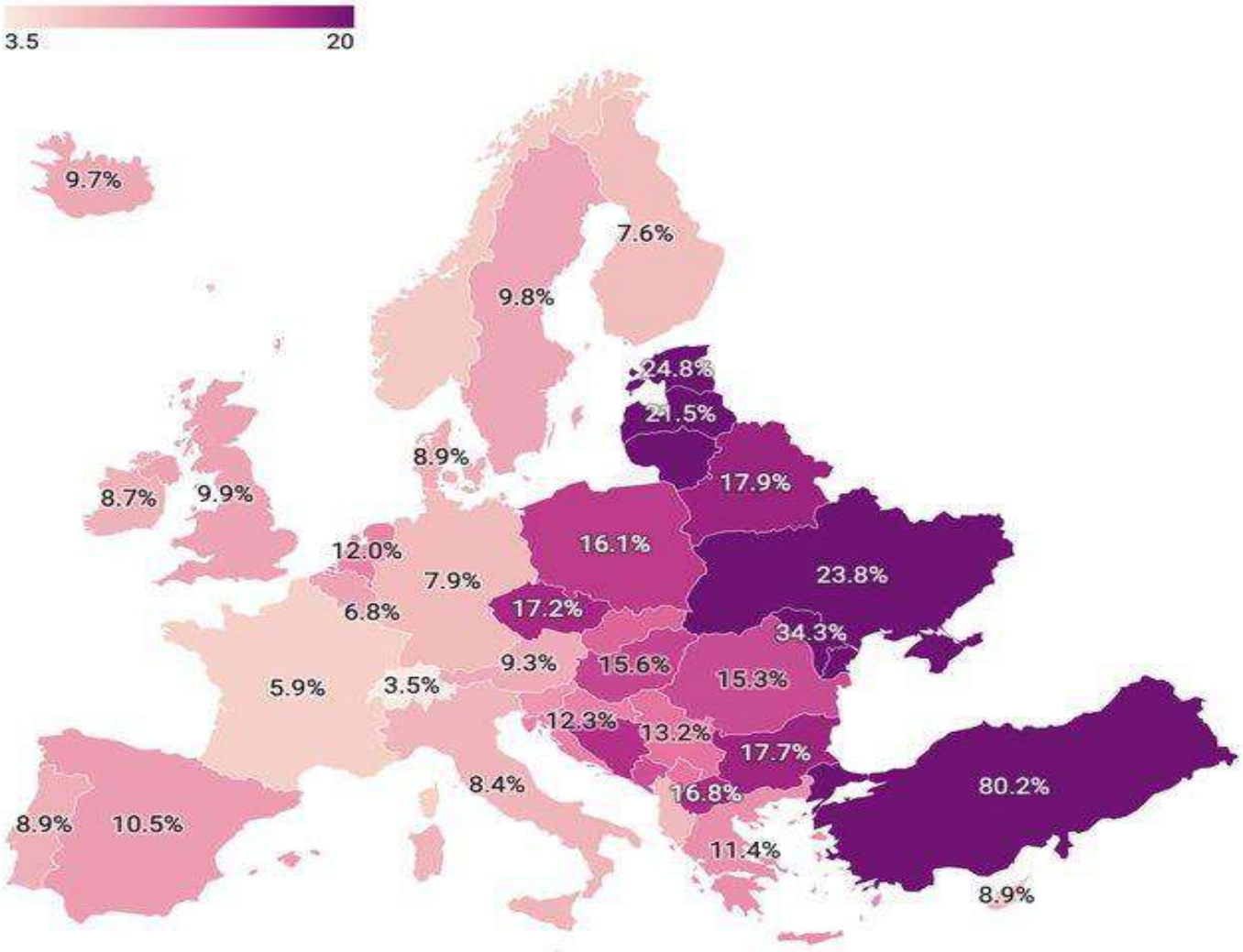




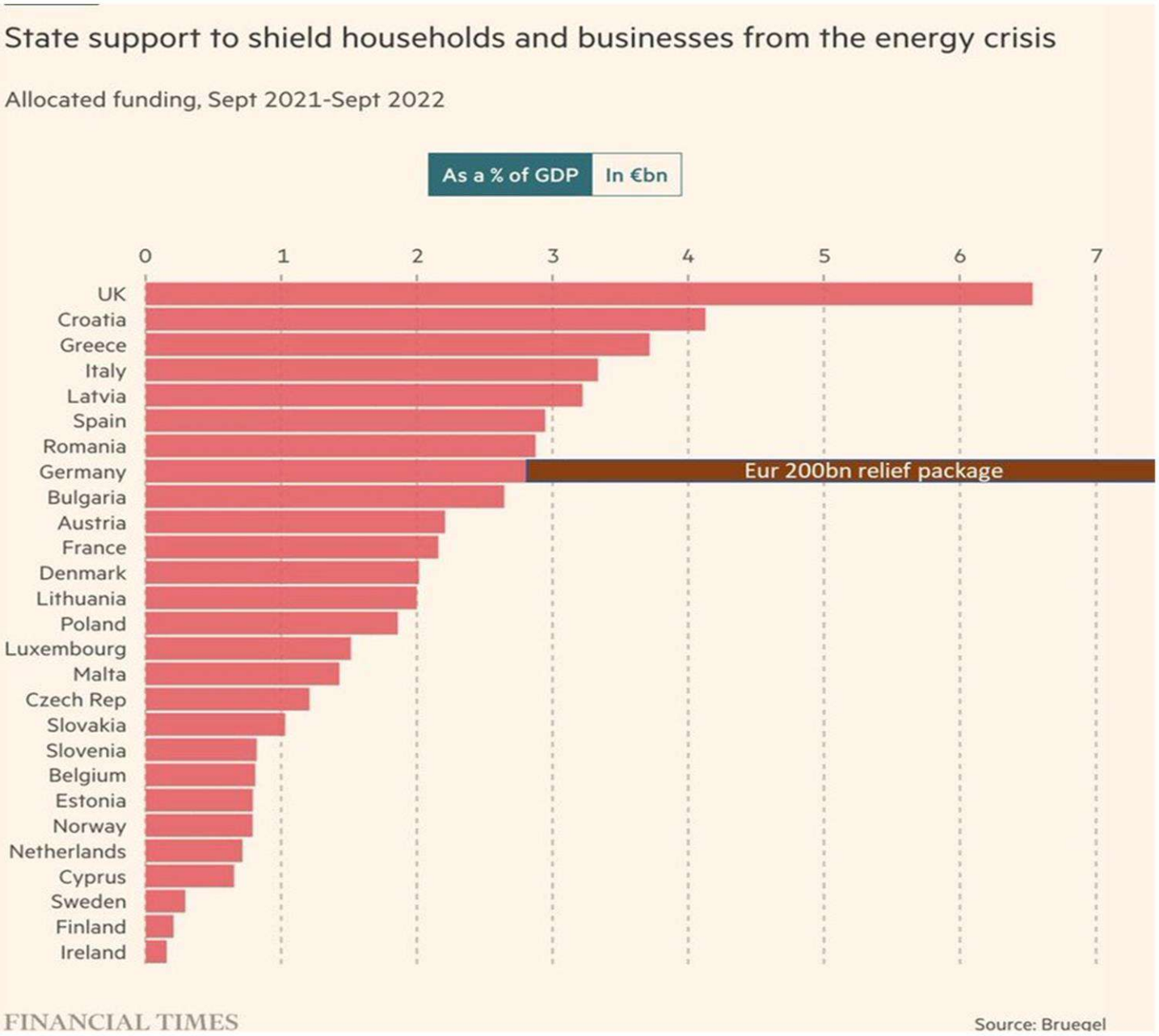
Guardian graphic. Source: S&P Global Market Intelligence; Guardian analysis

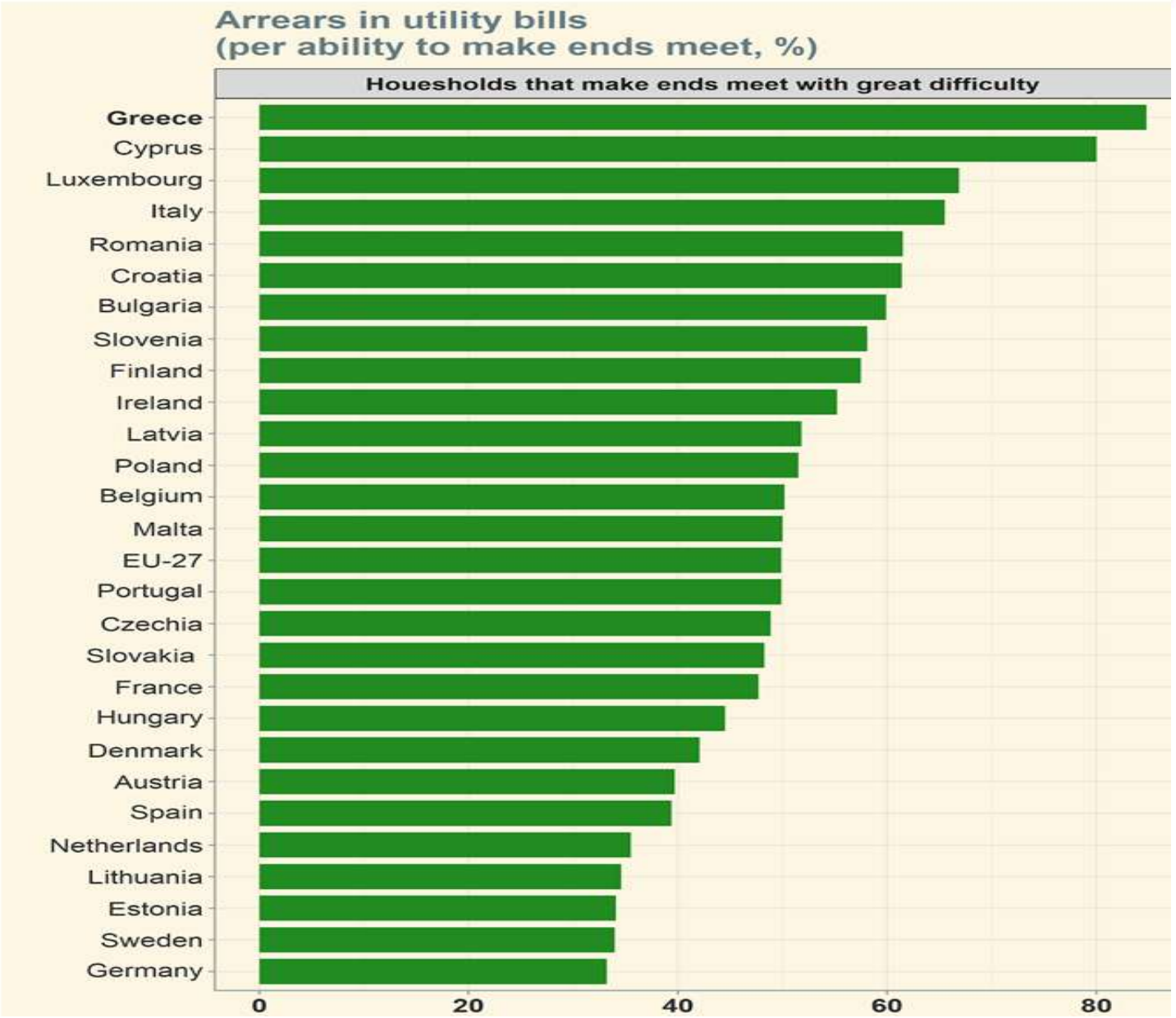
Inflation in Europe (% yoy)

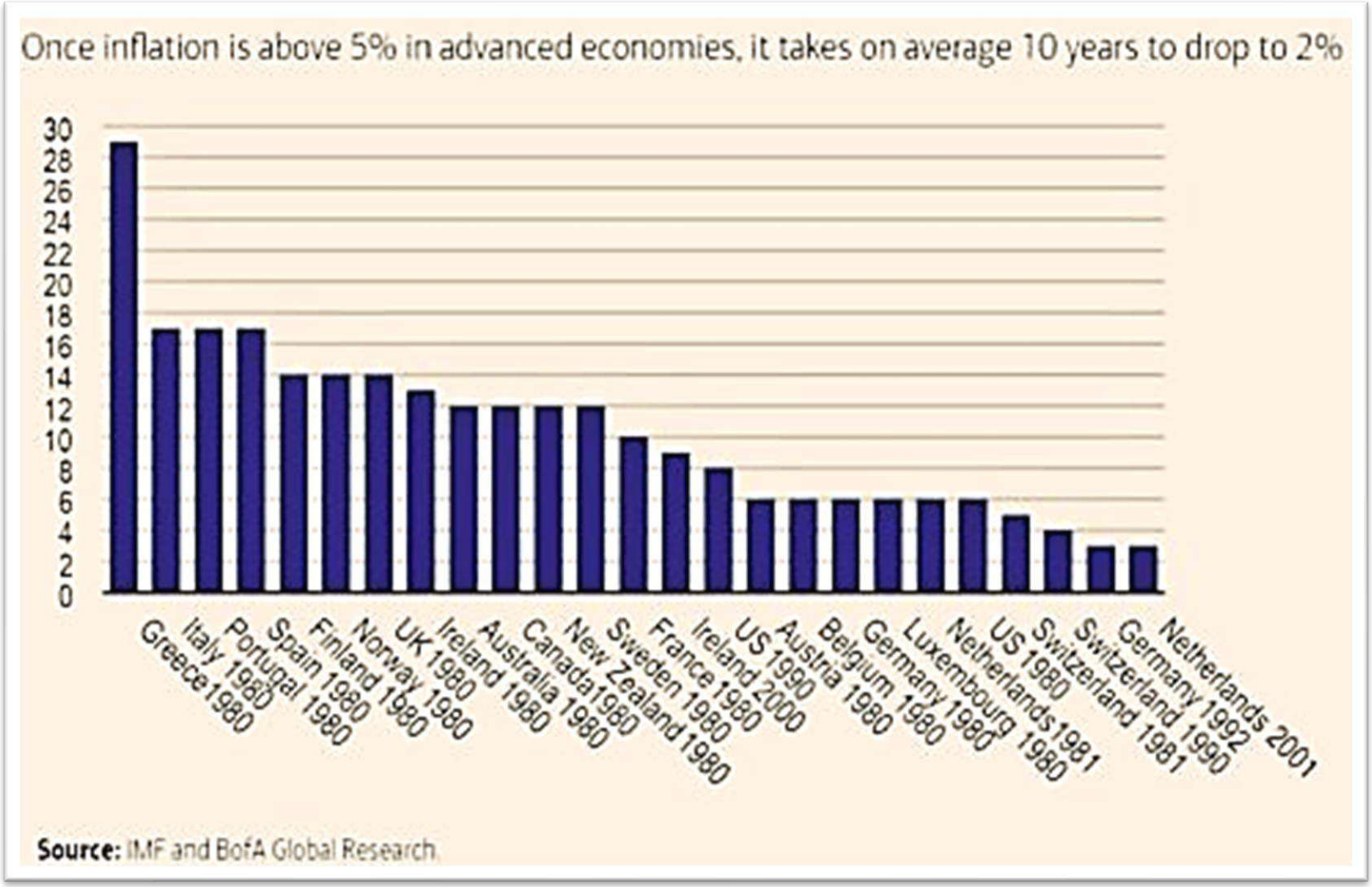
Euro area: 9.1%

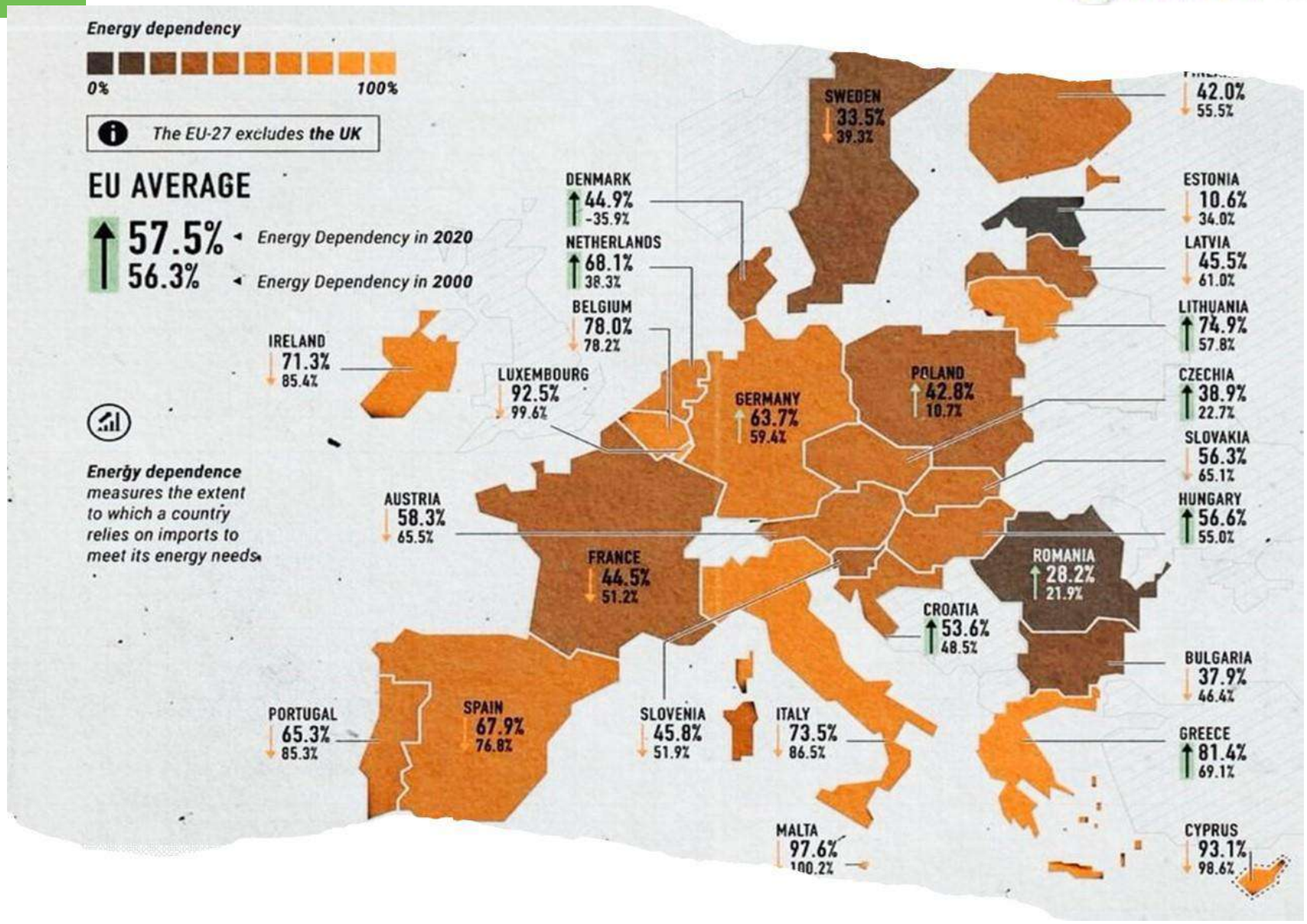


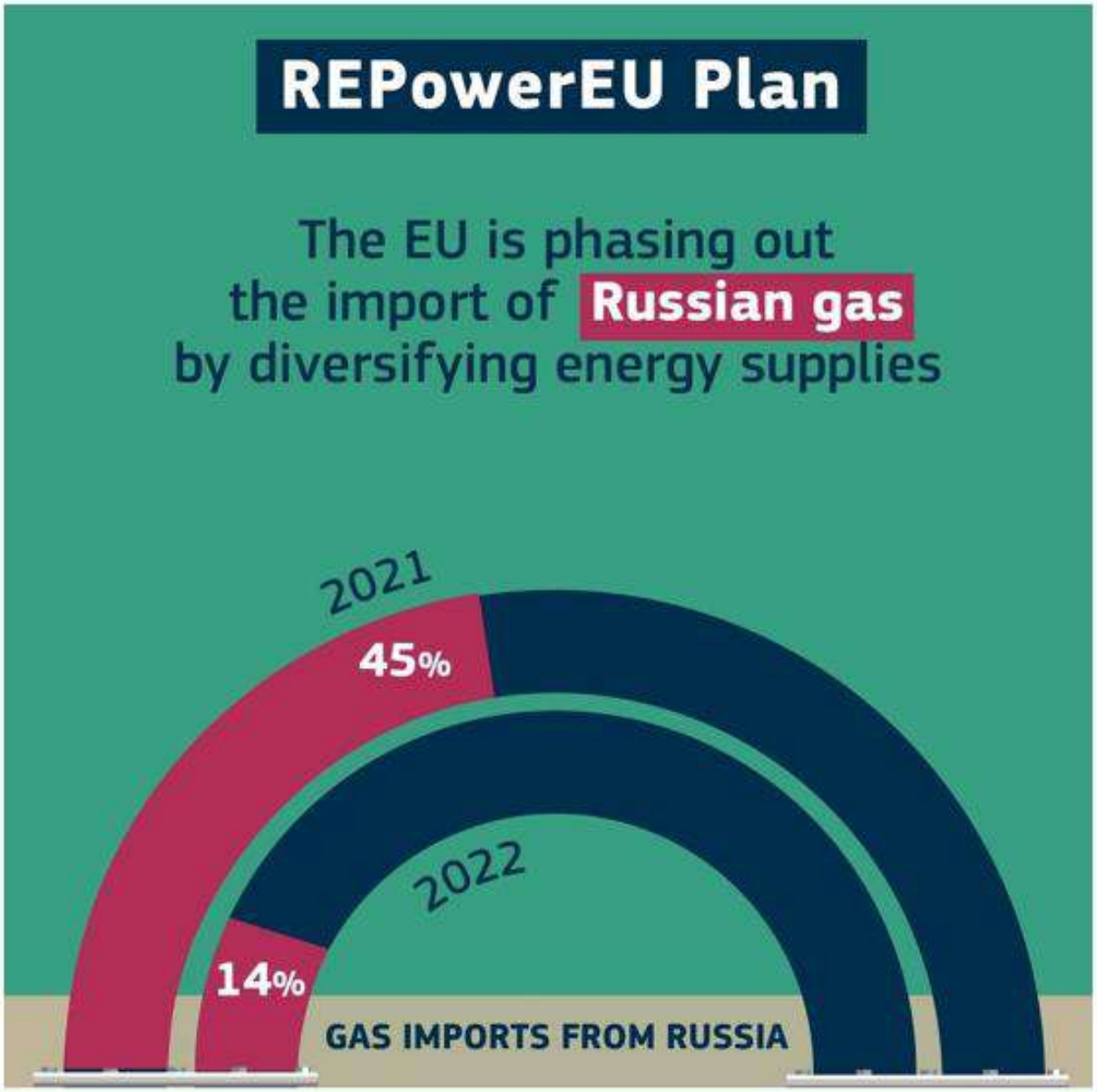
Source: Trading Economics · Get the data · Created with Datawrapper

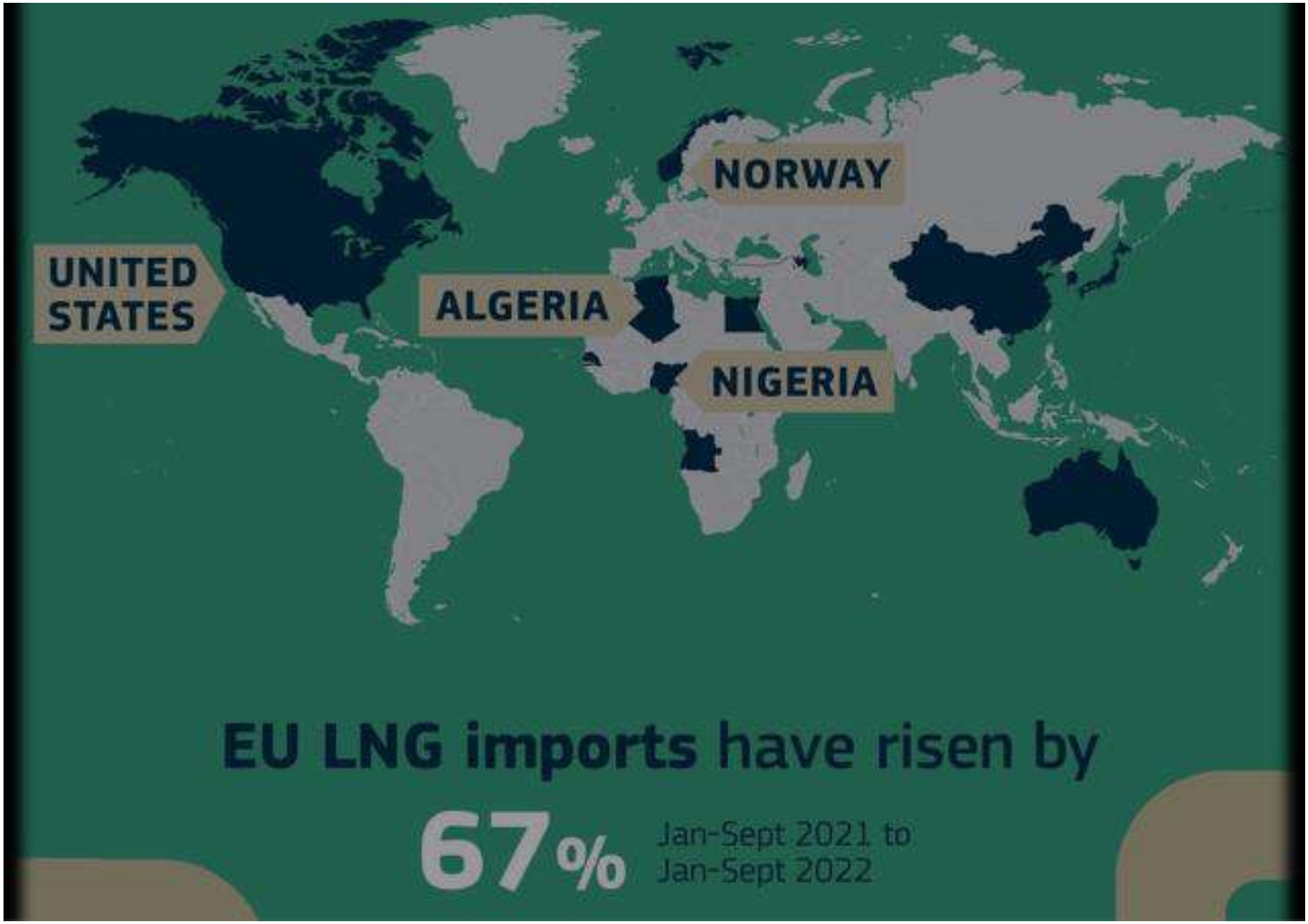

State support to shield households and businesses from the energy crisis
Allocated funding, Sept 2021-Sept 2022
As a % of GDP
In €bn
0
1
2
3
4
5
6
7
UK
Croatia
Greece
Italy
Latvia
Spain
Romania
Germany
Bulgaria
Austria
France
Denmark
Lithuania
Poland
Luxembourg
Malta
Czech Rep
Slovakia
Slovenia
Belgium
Estonia
Norway
Netherlands
Cyprus
Sweden
Finland
Ireland
Eur 200bn relief package
FINANCIAL TIMES
Source: Bruegel


Arrears in utility bills
(per ability to make ends meet, %)
Houesholds that make ends meet with great difficulty
Greece
Cyprus
Luxembourg
Italy
Romania
Croatia
Bulgaria
Slovenia
Finland
Ireland
Latvia
Poland
Belgium
Malta
EU-27
Portugal
Czechia
Slovakia
France
Hungary
Denmark
Austria
Spain
Netherlands
Lithuania
Estonia
Sweden
Germany
0
20
40
60
80


Once inflation is above 5% in advanced economies, it takes on average 10 years to drop to 2%
30
28
26
24
22
20
18
16
14
12
10
8
6
4
2
0
Greece 1980
Italy 1980
Portugal 1980
Spain 1980
Finland 1980
Norway 1980
UK 1980
Ireland 1980
Australia 1980
Canada 1980
New Zealand 1980
Sweden 1980
France 1980
Ireland 2000
US 1990
Austria 1980
Belgium 1980
Germany 1980
Luxembourg 1980
Netherlands 1981
US 1980
Switzerland 1981
Switzerland 1990
Germany 1992
Netherlands 2001
Source: IMF and BofA Global Research


Energy dependency
0%
100%
The EU-27 excludes the UK
EU AVERAGE
57.5% Energy Dependency in 2020
56.3% Energy Dependency in 2000
Energy dependence measures the extent to which a country relies on imports to meet its energy needs
SWEDEN 33.5% 39.3%
42.0% 55.5%
DENMARK 44.9% -35.9%
NETHERLANDS 68.1% 38.3%
BELGIUM 78.0% 78.2%
IRELAND 71.3% 85.4%
LUXEMBOURG 92.5% 99.6%
GERMANY 63.7% 59.4%
POLAND 42.8% 10.7%
ESTONIA 10.6% 34.0%
LATVIA 45.5% 61.0%
LITHUANIA 74.9% 57.8%
CZECHIA 38.9% 22.7%
SLOVAKIA 56.3% 65.1%
HUNGARY 56.6% 55.0%
AUSTRIA 58.3% 65.5%
FRANCE 44.5% 51.2%
ROMANIA 28.2% 21.9%
CROATIA 53.6% 48.5%
BULGARIA 37.9% 46.4%
PORTUGAL 65.3% 85.3%
SPAIN 67.9% 76.8%
SLOVENIA 45.8% 51.9%
ITALY 73.5% 86.5%
GREECE 81.4% 69.1%
MALTA 97.6% 100.2%
CYPRUS 93.1% 98.6%


REPowerEU Plan
The EU is phasing out
the import of Russian gas
by diversifying energy supplies
2021
45%
2022
14%
GAS IMPORTS FROM RUSSIA

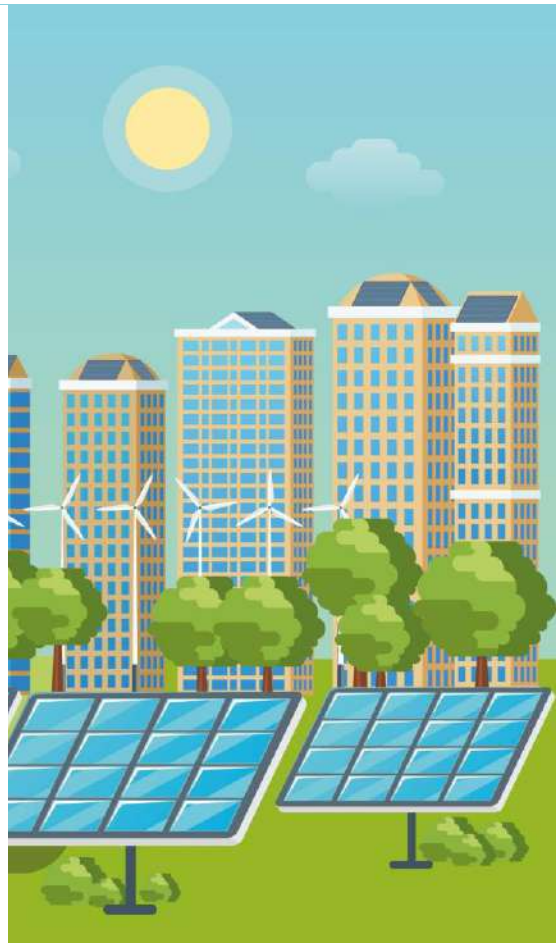

NORWAY
UNITED STATES
ALGERIA
NIGERIA
EU LNG imports have risen by
67%
Jan-Sept 2021 to
Jan-Sept 2022

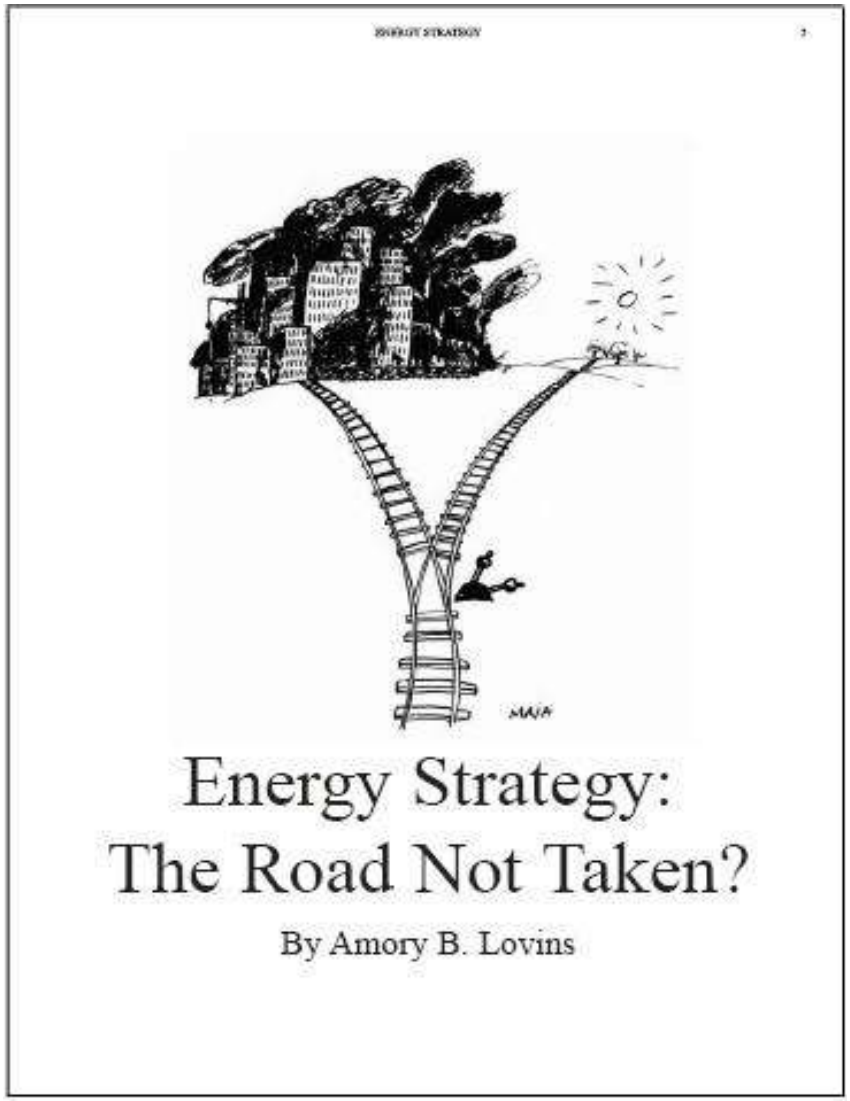
Energy Democracy

Prosumers

Households
Businesses
Industry
Energy Communities

Producers / Consumers (prosumers)
Electric Energy



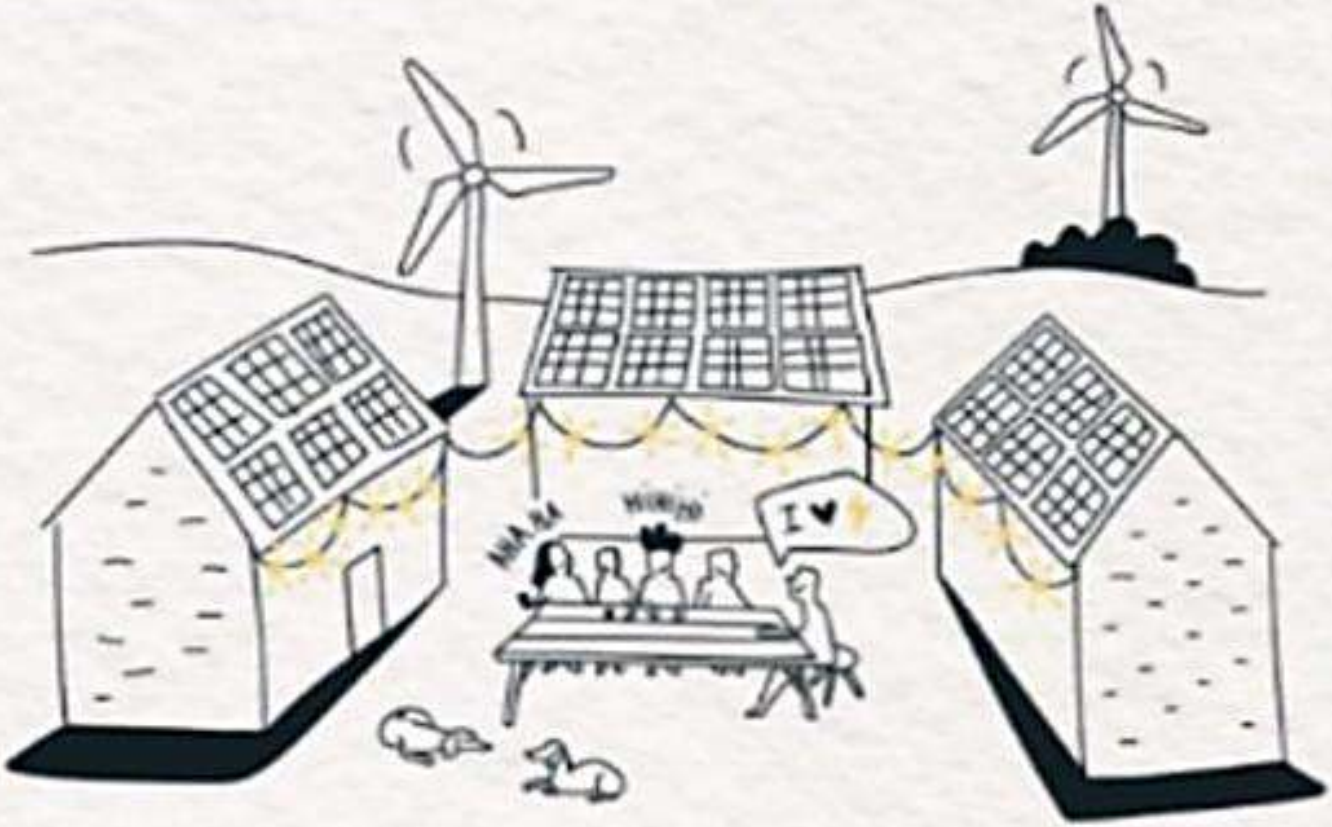


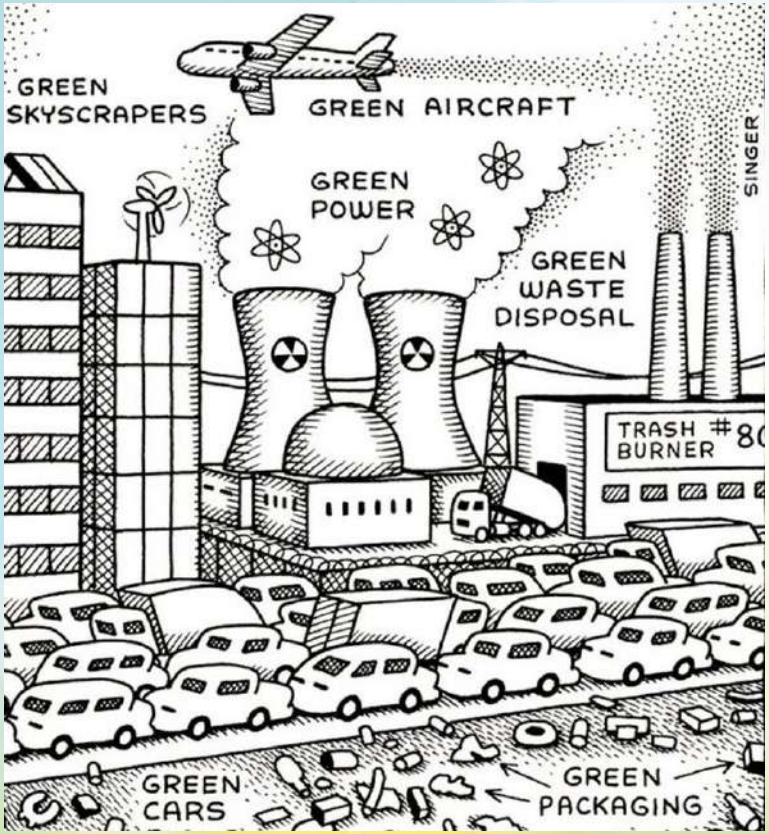
Energy Strategy: The Road Not Taken?

By Amory B. Lovins

IMAGINE A WORLD

WHERE COMMUNITY GROUPS GENERATE THEIR OWN CLEAN ENERGY...





Thank you!

This project has received funding from the European Union's HORIZON 2020 research and innovation programme under grant agreement No 890437

Powering Europe's energy sector

Overview of REPowerEU and future opportunities to achieve the energy transition

Achille Hannoset, European Commission,
DG ENER, Unit B1

Role of citizens and communities under REPowerEU

- Communities and citizens can help to deliver on two out of three objectives of REPowerEU:

  - ✓ **Produce clean energy** by increasing acceptance and mobilising private capital investments

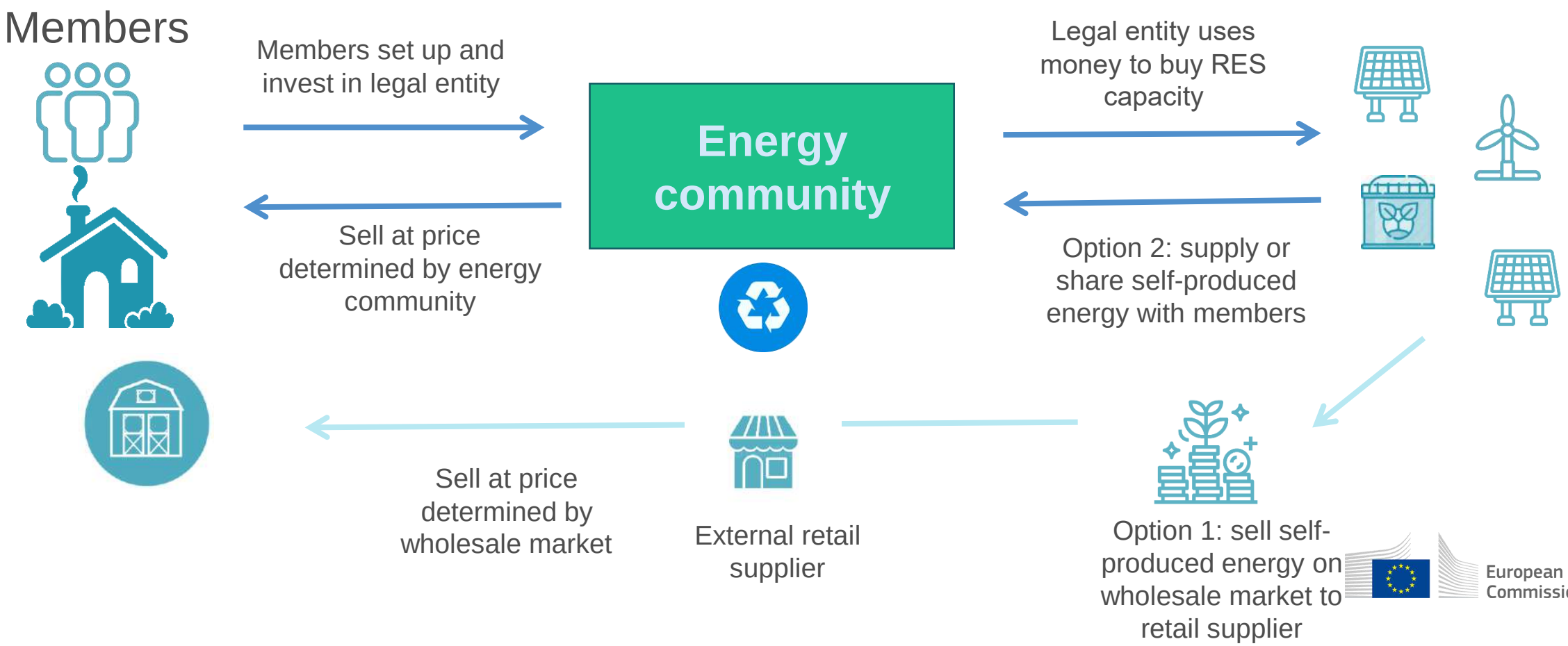
  - ✓ **Save energy** by providing energy efficiency services to their members and increasing consumer consciousness of energy use

- Self-consumption schemes may help to **secure access to affordable energy**, including for low-income households

x

European Commission

Energy crisis: how energy communities can help



European Commission

REPowerEU Communication

*Member States are called upon to "**speed up the transposition of the Electricity Directive** to effectively allow energy communities to produce, self-consume, sell or share renewable energy"*

European Commission

Clean Energy for All Europeans Package

Citizen Energy Communities

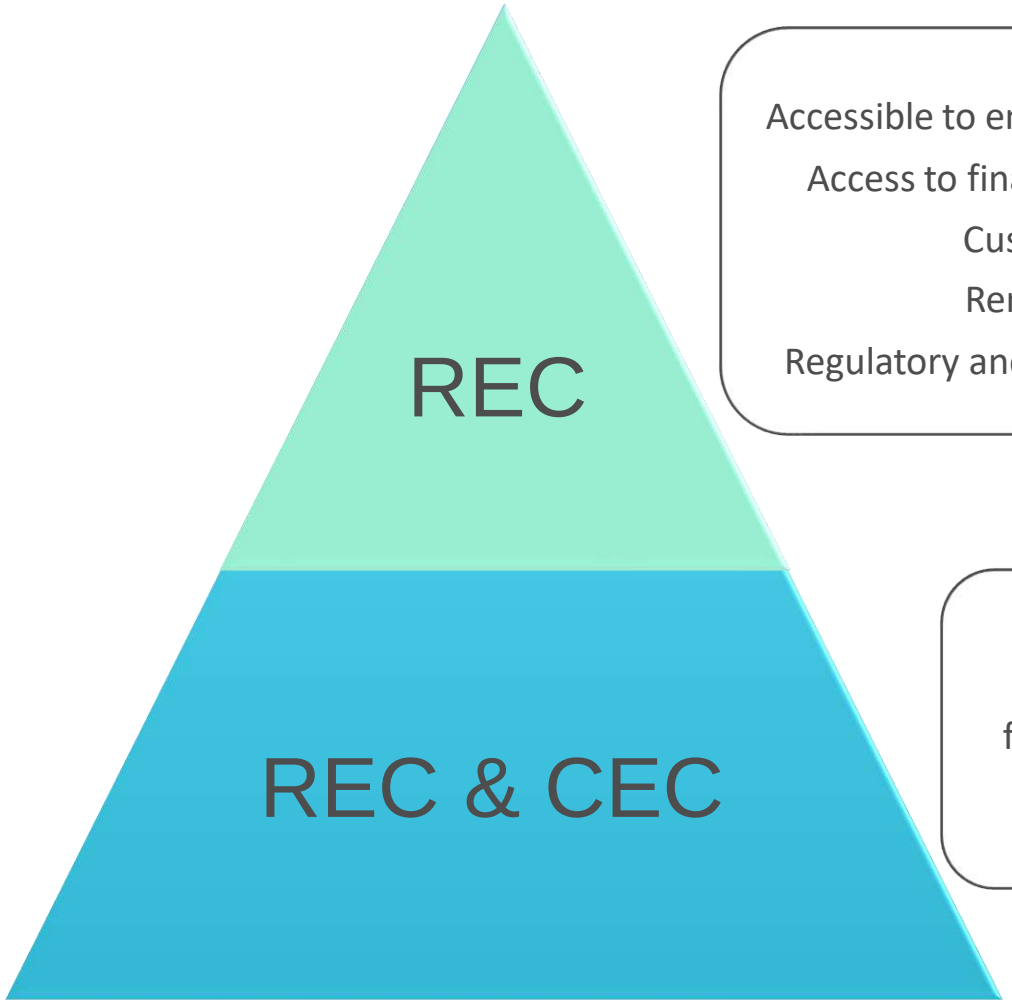
- Article 16 Electricity Market Directive 2019/944

Renewable Energy Communities

- Article 22 Renewable Energy Directive 2018/1999

Art. 2 on definitions: makes clear that energy communities are a social concept, rather than financial profits

Enabling framework REC & CEC



Privileges:

Accessible to energy poor and vulnerable consumers

Access to financial instruments and information

Customised support scheme

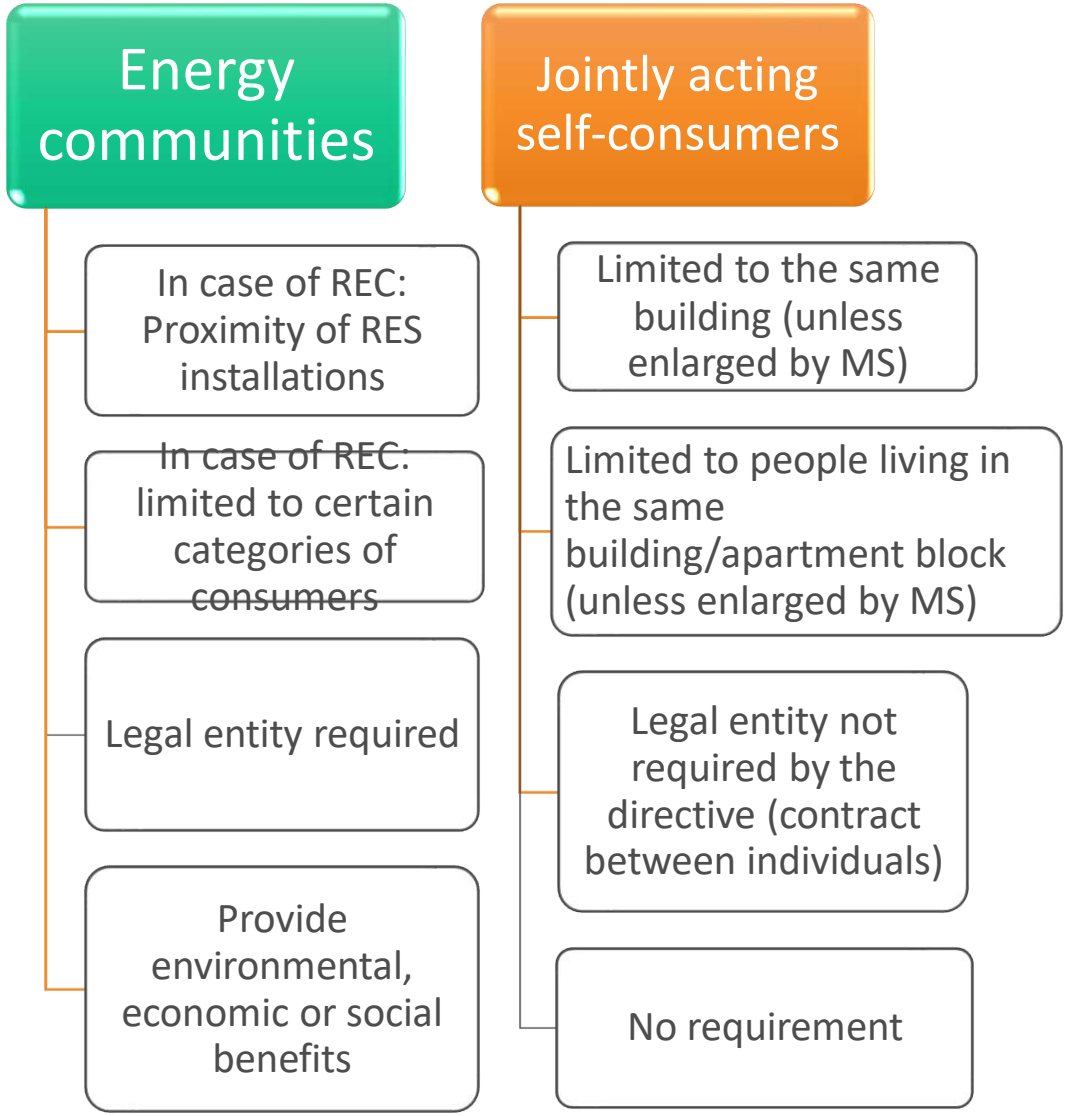
Removal unjustified barriers

Regulatory and capacity-building support to public authorities

Rights and responsibilities:

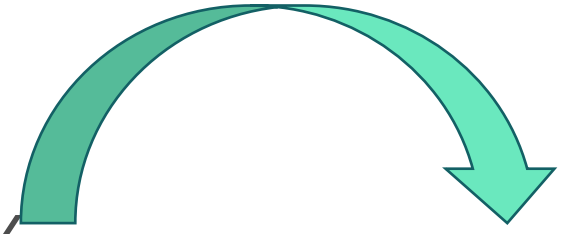
facilitating market integration (procedures, tariffs and activities)

Energy communities and other collective prosumer schemes



European Commission

EU 2030 Targets under Fit for 55 Package

Renewable Energy Target: 40%  **45%**

Energy Efficiency Target: 9%  **13%**

Key REPowerEU policy instruments

EU Save Energy Communication with recommendations for how citizens and businesses can help save around 13bcm of gas imports in the short term

EU Solar Strategy with measures to accelerate the roll out of solar energy to increase capacity to 600 GW by 2030

Electricity market design Communication to accelerate energy transition and promote flexible self-consumption

Biomethane Action Plan to save up to 35 bcm of natural gas by 2030, including actions on energy communities

Permitting Recommendation to simplify and ease permit granting, grid connection and production licensing procedures

→ Proposed Energy Performance of Building Directive (EPBD)

→ Electricity Market Directive

→ Proposed Gas Market Directive

→ Proposed renewable Energy Directive

European Commission

EU objectives and actions under EU Solar Strategy

Energy communities facility by 2024

At least one renewables-based energy community in every municipality with a population higher than 10 000 by 2025

Mandatory installation of rooftop solar energy for all public buildings (> 250m²) by 2027 and new residential buildings by 2029

European Commission

Member State actions for energy communities

Burdensome and complex procedural requirements	• Simplify and ease permit granting, grid connection and production licensing procedures • Adapt administrative procedural requirements
Difficulties securing financing and support	• Integrated One-Stop-Shops to help access financing • Make use of flexibility provided by State Aid Guidelines
Lack of time and technical expertise	• Integrated One-Stop-Shops to provide technical assistance
Difficulties developing sustainable business models	• Non-discriminatory treatment injection tariffs at transmission and distribution level • Introduce time differentiated network tariffs

Member State actions for citizens

Low remuneration for the excess electricity produced	• Flexibility in State Aid Guidelines • Enable development of local energy trading • Tax exemption for electricity of solar origin
A general lack of awareness on how and why	• Integrated one-stop-shop service • Design support framework that ensures a predictable payback period, shorter than 10 years
Lack of access to renewable energy for energy poor households	• Direct public support (reduced VAT) • Support multi stakeholder approaches (net metering) • Encourage innovative financing models (on-bill financing)

Keep in touch

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European Commission

europeancommission

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EUTube

EU Spotify

European Commission

Thank you

European Commission

Support to energy poverty mitigation and to energy communities through EU funded projects

POWERPOOR brokerage event, Brussels, 30 November 2022

Silvia Vivarelli, Senior Project Adviser

European Climate, Infrastructure and Environment Executive Agency (CINEA)

silvia.vivarelli@ec.europa.eu

CINEA in a nutshell

> 58 billion for the period 2021-2027

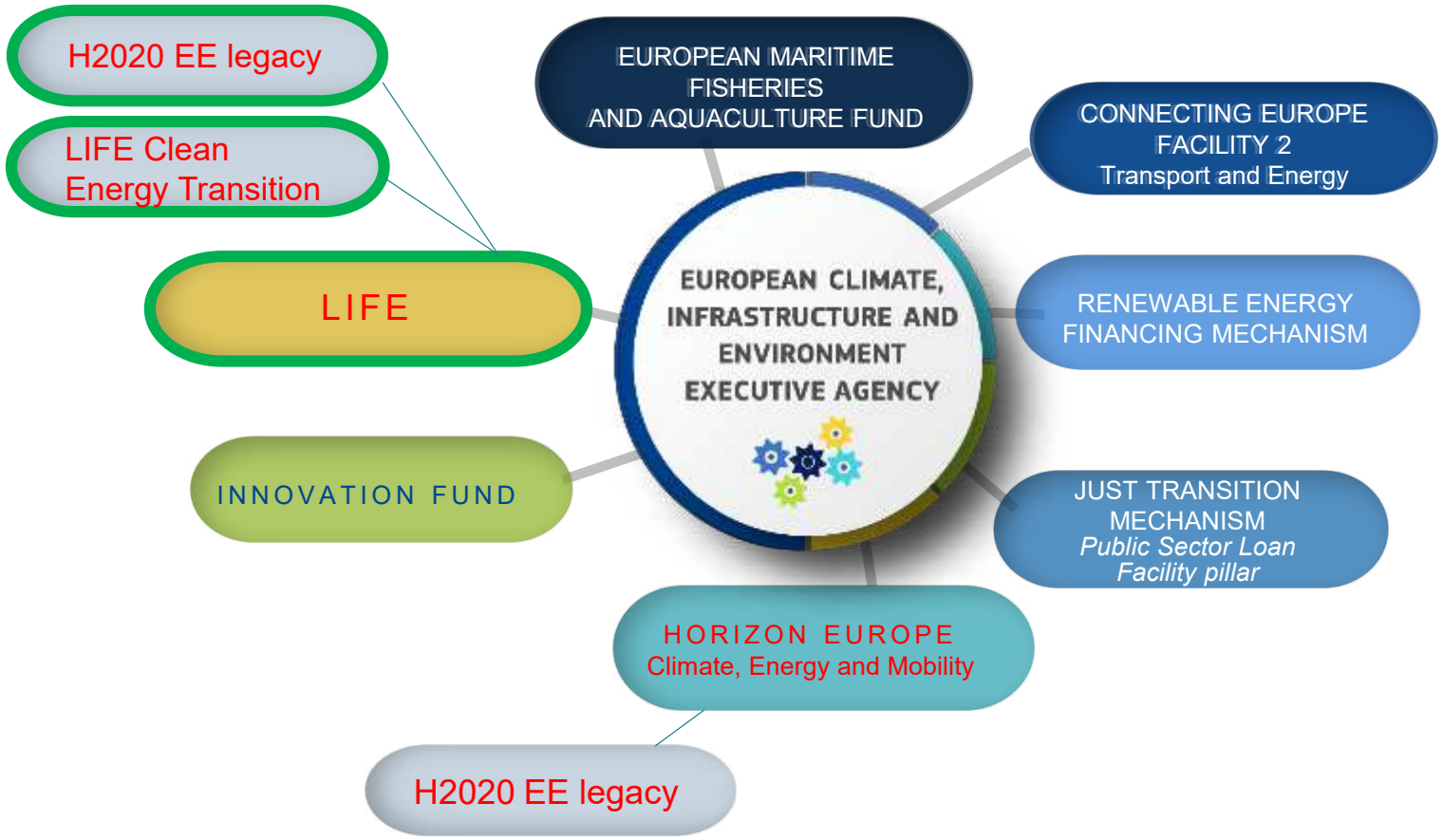
> 500 staff by 2027

from 2800+ projects managed in October 2021 to > 4500 projects by 2027

- Policy feedback as an essential part of funding activities
- Expertise at the service of beneficiaries in managing the complete lifecycle of projects
- Exploitation of synergies and dynamic ways to work across programmes

European Commission

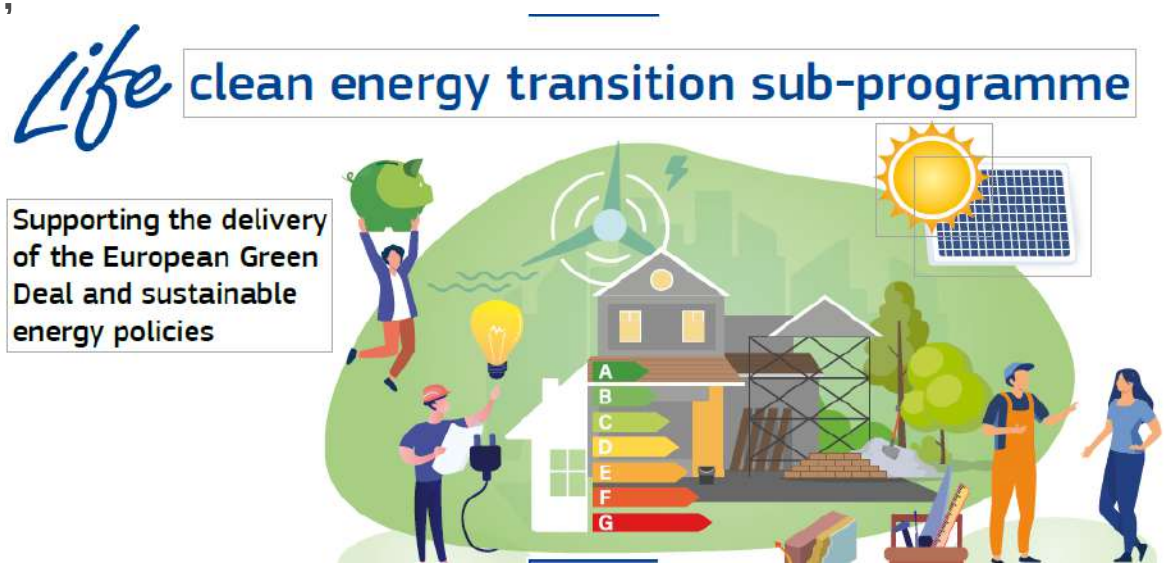
Programmes managed



European Commission

LIFE- Clean Energy Transition

- **Key programme for EU clean energy policy**, nearly €1 billion funding 2021-2027
- **Builds on Horizon 2020 Energy Efficiency**
- **Strong market uptake features**:
  - ✓ Remove market barriers, change fundamentals
  - ✓ Build capacity, improve skills and governa
  - ✓ Mobilise investments and access to finance
- **Policy links** are essential part of programme management



European Commission

The sub-programme Clean Energy Transition

230+ ongoing projects in key areas of EU policy priority:

- Clean & smart energy in **buildings, heating & cooling, skills**
- Capacity building for **cities & regions**
- Supporting EU energy **policy framework & legislation**
- **Industry**, **products** & **services**
- Attracting **private finance**
- Local & regional **investment** projects
- **Citizens** in the clean energy transition

LIFE Clean Energy Transition (CET): Call 2022

- Deadline 16 November 2022
- 18 topics, EUR 98 million available
- 225 proposals received
- Most relevant topics: ENERPOV 10 proposals, ENERCOM 32 proposals
- Notification foreseen in March

Mitigating energy poverty

Policy relevance

- Address acute energy affordability challenge in Europe
- Support the implementation of provisions related to vulnerable households (Fit for 55 package, Renovation Wave, Commission Recommendation on Energy Poverty)
- Knowledge-sharing & local level support with the Energy Poverty Advisory Hub

Priorities

- Facilitate energy efficient behaviour change and investments for energy poor households
- Transform inefficient housing stock in vulnerable districts
- Foster collaboration between key actors (public authorities, social actors, NGOs, utilities)
- Develop and identify best practices and policy recommendations

Addressing energy poverty under IEE & H2020

- Supporting energy poor consumers in the **adoption of more energy efficient behaviours** through energy advice and low-cost measures (e.g. SAVES2, STEP-IN, ASSIST, SMART-UP, EmpowerMed, STEP)
- Facilitating EE and RES **collective and cooperative action** for the benefit of energy poor households (e.g. POWERPOOR, POWER UP!)
- Setting up **financial support schemes** geared towards supporting energy poor household investments (e.g. Sun4All)
- Supporting **energy efficiency measures at the building level** (e.g. ComAct)
- Setting up and supporting **innovative schemes by obligated parties** under Art 7 EED (e.g. SocialWatt)

Past and ongoing energy poverty related projects

Addressing building related interventions in vulnerable districts

Facilitate uptake of renovation approaches for large-scale rollout of building-related interventions

Districts, clusters of buildings, or buildings with common management

Engagement of stakeholders and residents from day one

REVERTER

- Develop 9 district **renovation roadmaps** for worst-performing buildings in BG, EL, LV, PT
- Set up **digital OSS** to offer integrated renovation solutions for vulnerable households
- Train energy ambassadors to **engage households**
- Lead to renovation of 800+ houses

RENOVERTY

- Design **scalable renovation roadmaps** in 17 rural and peri-urban areas in ES, IT, PT, HU, HR, EE, SI
- Test & evaluate selected measures in each region
- **Capacity-building for local actors** in renovation value chain
- Lead to renovation of 1.200+ houses

EP-0

- Scale up **deep energy building retrofits** in ten vulnerable districts in FR, IT, NL
- EnergieSprong model (prefab solutions)
- Design & **deploy tools for municipalities** to estimate potential of industrial retrofits
- Develop **collective buy-in schemes**
- 2.500 dwellings refurbished

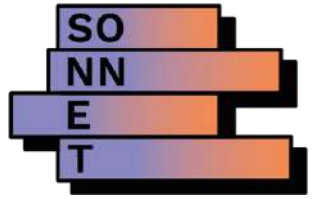
LIFE CET & H2020 EE– support to energy communities

- Support **collaboration between LAs and energy communities** *(LIFE CET-ENERCOM - Developing support mechanisms for energy communities)*
- Supporting communities in **tackling energy poverty**
- Scale up collective financing tools for **energy cooperatives and communities**
- Integrated **Home Renovation** Services led by energy communities

European Commission

Some ongoing/past projects supporting energy communities

cees
COMMUNITY ENERGY FOR ENERGY SOLIDARITY



Some successful ENERCOM proposals

Regional support services for citizens

Regional support services for Local Authorities

Local support servces for citizens

Peer-to-peer support among communities on specific business models

Develop frameworks for ECs in H&C

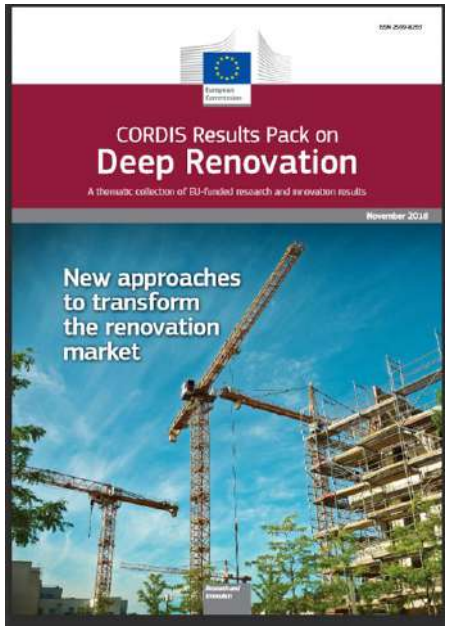
Developing tools to ease EC creation

Inserting EC creation in wider participation structures

Creating regional ECs in disperse rural contexts

Relevant initiatives

EU
Energy Poverty
Advisory Hub



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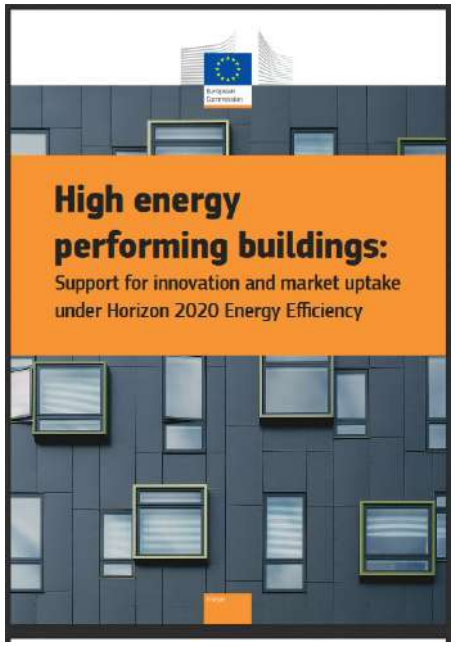


Available here

Affordable Housing Initiative

Covenant of Mayors
for Climate & Energy
EUROPE

Energy Poverty and Vulnerable Consumers Coordination Group

EU
ENERGY POVERTY
Observatory

European Commission

Local Clean Energy Transition

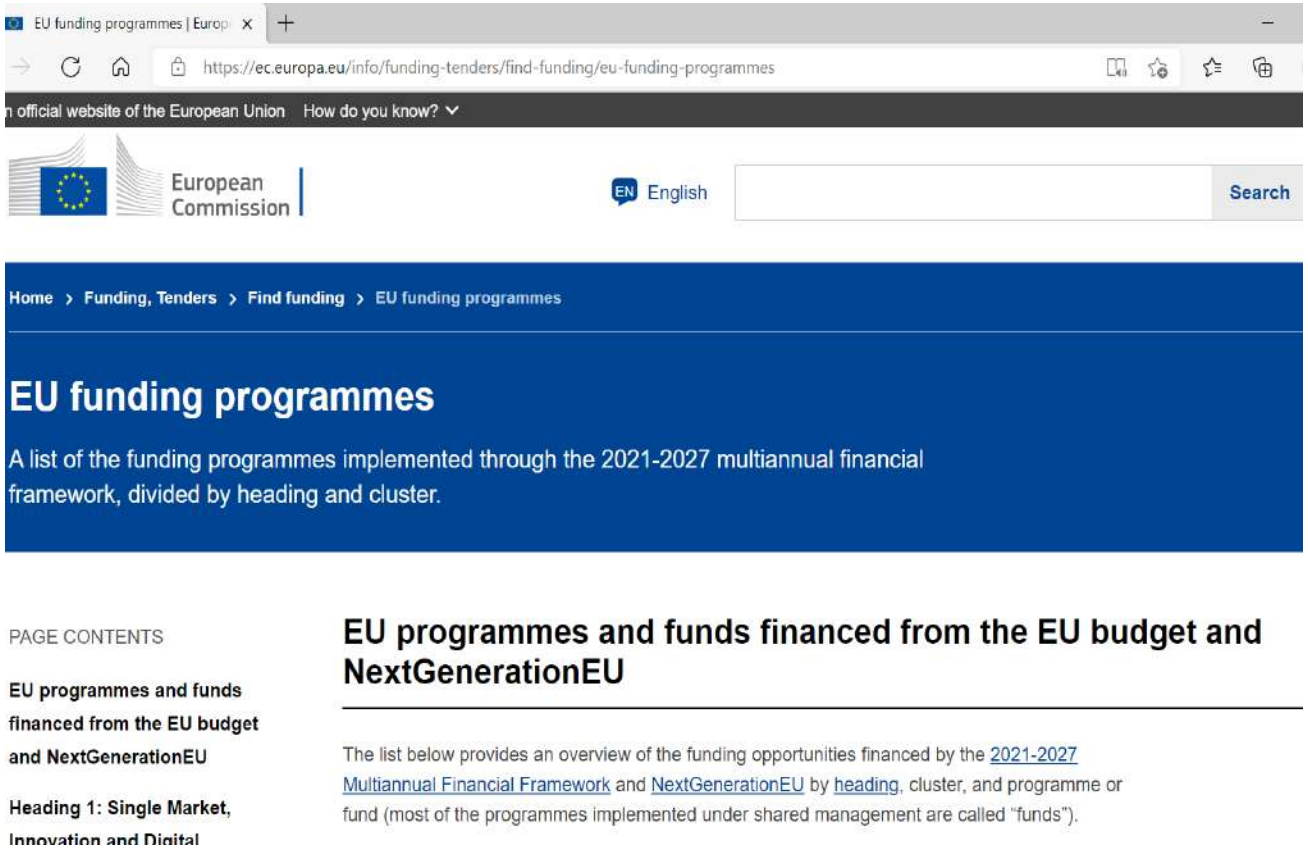
Available here

European Commission

ENGAGER
ENERGY POVERTY ACTION

Information sources and support

as well as…



- **LIFE Info Days!**

Project databases

- CORDIS for H2020
- **Information portals:** BUILD UP, ManagEnergy
- **CINEA Clean Energy newsletter** (Register for updates and success stories)

European Commission

Stay informed !

- News on sustainable energy from 7 EU funding programmes including LIFE, HORIZON Europe, Innovation Fund and H2020.
- Programme news +++ Calls for proposals +++ Project stories +++ Events
- Please subscribe and promote!

Please follow us on

@CleanEnergy_EU

#LIFEProgramme

POWERPOOR

Empowering Energy Poor Citizens through Joint Energy Initiatives

The POWERPOOR approach

Eleni Kanellou – NTUA

30th of November 2022

This project has received funding from the European Union's HORIZON 2020 research and innovation programme under grant agreement No 890437

The Project at a glance

Start: 01/09/2020

Duration:
36 Months

Empowering Energy Poor Citizens through Joint Energy Initiatives

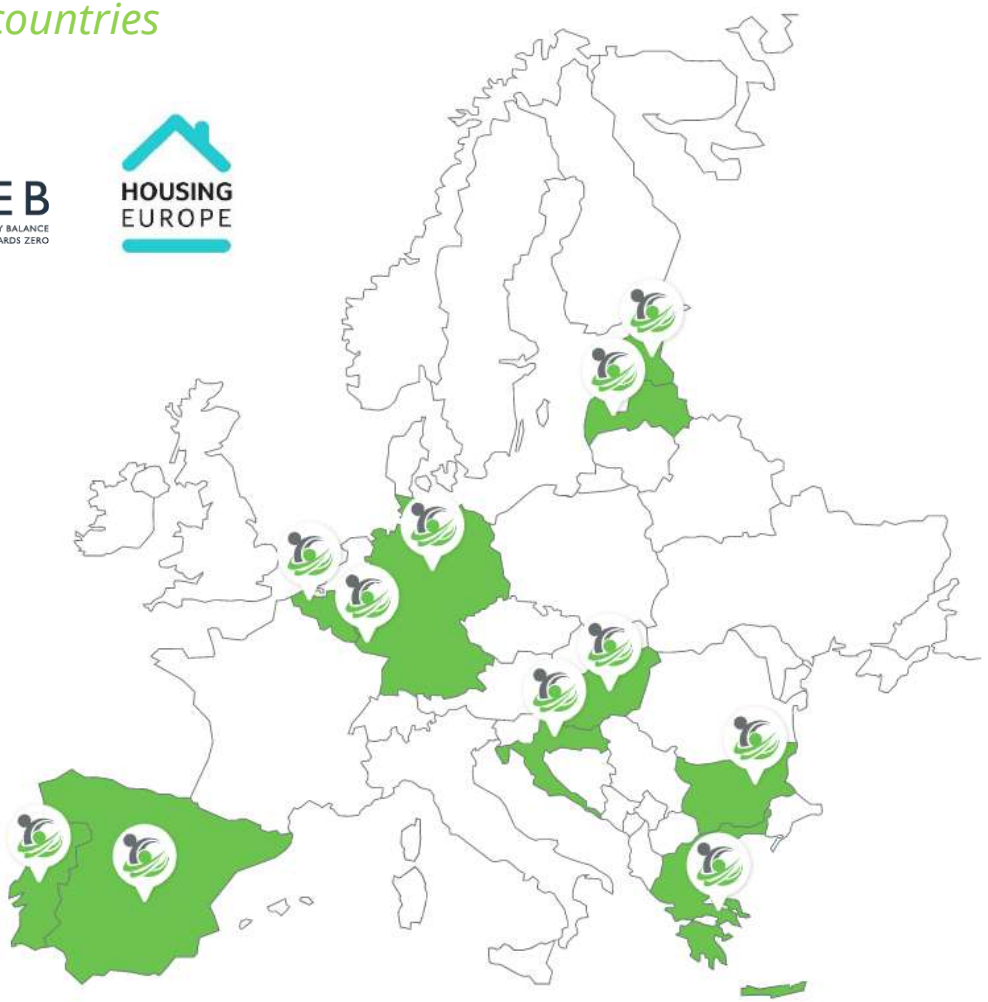
Coordinator:
National Technical University of Athens (NTUA)
Project partners: 14

European Union's Horizon 2020 Research and Innovation Programme

Grant Agreement number:
890437 — POWERPOOR —
H2020-LC-SC3-2018-2019-2020/
H2020-LC-SC3-EE-2019

The POWERPOOR consortium

14 participating partners – 11 countries
- 8 pilot countries



Energy poverty support programmes

In each pilot country, energy poor households and citizens are identified, leveraging the knowledge of the local partners and the **POWER-TARGET** tool.

Energy support programmes are being developed, led by a certified network of **Energy Supporters**, who will provide energy poor citizens with:

(a) Tips and information to enable them to better understand their energy expenses, encourage behaviour change and/or implement small-scale interventions using **POWER-ACT**;

(b) Information on how to take part in joint energy initiatives such as energy communities, cooperatives leveraging innovative financing schemes using the **POWER-FUND** tool.

Local Energy Poverty Alleviation Offices are established in participating municipalities, run by a certified network of **Energy Mentors**

Energy Supporters *directly engage energy-poor citizens and assist them in planning, securing funding and implementing energy efficiency interventions.*
Energy Mentors *provide support and expertise in all the key areas associated to the operation and/or creation of an energy community / cooperative of energy poor citizens.*

Establishing a network of trained and certified Energy Supporters and Mentors

The Energy Supporters perform home visits Leveraging the POWERPOOR Toolkit

The POWERPOOR Toolkit

POWER TARGET

OPEN TOOL

POWER ACT

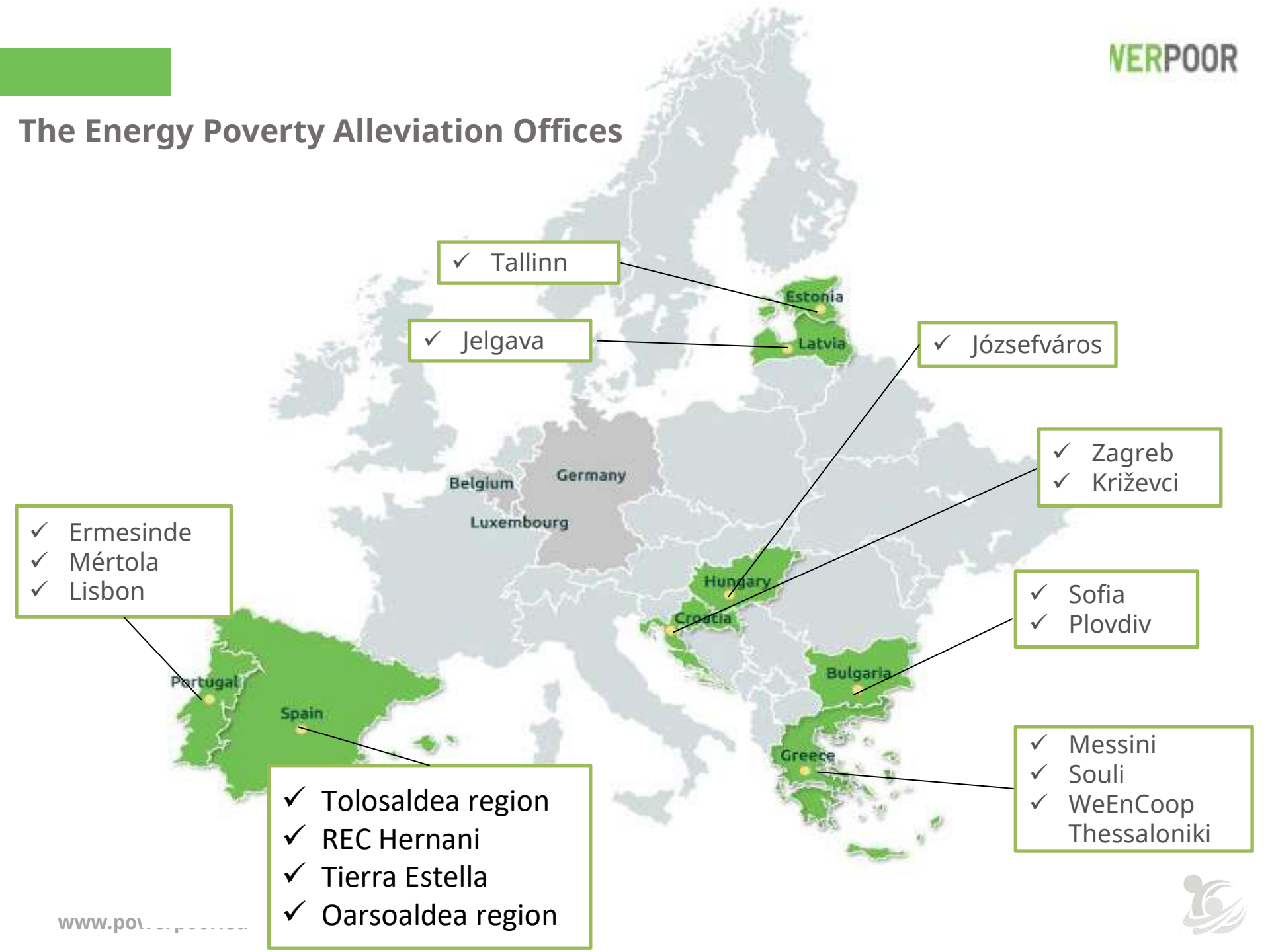
OPEN TOOL

POWER FUND

OPEN TOOL

ENERGY POVERTY GUIDEBOOK FOR ENERGY PLANNING

The Energy Poverty Alleviation Offices



Establishing Energy Poverty Alleviation Offices

Estonia

POWERPOOR

kasvatab energiatarkust

Greece

ΔΗΜΟΣ ΜΕΣΣΗΝΗΣ

Γραφείο Αντιμετώπισης της Ενεργειακής Φτώχειας

Establishing Energy Poverty Alleviation Offices

Latvia

The Energy Box

- ✓ Included in the energy box: 1 pcs Power (consumption) Meter with LED display, 1 pcs Mechanical Outlet Timer, 1 pcs Power Strip with 4 Ft Extension Cord, 1 pcs 6m long seals (insulation strip) for windows and doors

Spreading the word

Hungary

Croatia

Spreading the word about #EnergyPoverty

Info Day during the "CLICK ON SUSTAINABLE" festival, Croatia

In a nutshell

- ✓ More than 1200 people have attended the 37 training seminars across EU
- ✓ More than 880 people became certified Energy Supporters and Mentors
- ✓ 2,400 interactions in the tools
- ✓ Support to about 8.000 households in 52 municipalities, 17 of which have also established an Energy Poverty Alleviation Office
- ✓ More than 2100 home visits in energy poor households
- ✓ 24 info days with more than 1200 attendees
- ✓ Presentations in more than 80 online and onsite events with more than 30.000 attendees across Europe

Next steps

- ✓ 8 National roadmaps and 1 EU wide roadmap with policy recommendations deriving from the POWERPOOR experience and lessons learnt
- ✓ The establishment of the POWERPOOR Alliance ensuring the sustainability of the results
- ✓ POWERPOOR joining the RETE ASSIST network further exploiting and sustaining the established network
- ✓ 2 EU inspiring events – bringing forward the Energy Supporters and Mentors and their hands on experience in alleviating energy poverty

POWERPOOR

Thank you!

This project has received funding from the European Union's HORIZON 2020 research and innovation programme under grant agreement No 890437

POWERPOOR

Empowering Energy Poor Citizens through Energy Cooperative Initiatives

Energy communities and energy poverty – a sister projects' collaboration

Marine Faber Perrio – IEECP (based in France)

30/11/2022

This project has received funding from the European Union's HORIZON 2020 research and innovation programme under grant agreement No 890437

Are renewable energy communities a solution in the energy crisis, with the ability to lift people out of energy poverty?

Energy communities

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:

- Primary purpose: provide environmental, economic or social community benefits to its members rather than generate financial profits.
- CECs are recognized in the Clean Energy Package, as a key enabler to encourage the involvement of individuals in the electricity and heating sectors.
- They may engage in the generation, distribution, supply, consumption, aggregation, energy storage, energy efficiency services or charging services for electric vehicles. Most often, the energy will come from renewable sources.
- Communities = cooperatives, eco-villages, small-scale heating organisations and other projects led by citizen groups (JRC, 2020). Therefore, an energy community is not always a cooperative!
- Over 3500 communities in Europe (REScoop MECISE, 2019).
- Germany, Denmark, the Netherlands and UK are EU's frontrunners in terms of number of communities registered.

Energy communities - sister projects

DECIDE

eCREW eSTABLISHING COMMUNITY RENEWABLE ENERGY WEBS

BRANCHES BOOSTING RURAL BIOECONOMY NETWORKS

BECOOP UNLOCKING THE COMMUNITY BIOENERGY POTENTIAL

NRG2 PEERS

COMRES

4RES

POWERPOOR Empowering Energy Poor Citizens through Joint Energy Initiatives

Compile

EC²

RES4LIVE ENERGY SMART LIVESTOCK FARMING TOWARDS ZERO FOSSIL FUEL CONSUMPTION

newcomers EXPLORING NEW ENERGY COMMUNITIES

UP-STAIRS Uplifting Energy Communities.

IRHC

RENergetic

SCCALE 20 30 50

AgroBioHeat

cees COMMUNITY ENERGY FOR ENERGY SOLIDARITY

SHAREs empowering communities

BECoop: **Project in a nutshell**

- **BECoop** mobilises people around community bioenergy and creates a better image for such initiatives
  reduces the development efforts (time, costs) of community bioenergy heating projects

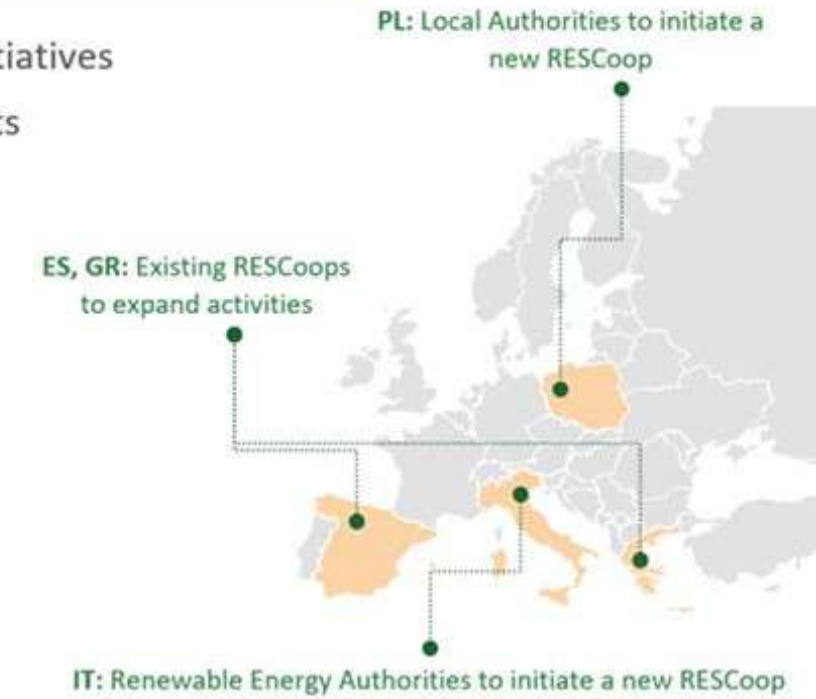
- **market research, social, technical, business, knowledge transfer** and **policy components**

- A suite of **supporting resources and tools** for community bioenergy project development

The BECoop Inventory of tools | The self-assessment tool | The e-market environment | The Knowledge Exchange Platform

- exploration and support of 4 **new bioenergy heating communities (BECoop RESCoops)**

We test the implementation of community bioenergy heating support scheme in diverse, complementary pilot cases in regions with high replication potential across EU



- We validate our results and **open the policy debate** on *how* community bioenergy at local, national and EU level can be fostered.

20+ community bioenergy cases analysed 50+ events (co-creation workshops, consultations, webinars, info days, etc.) 10+ sister projects synergies

- We empower the community bioenergy **ecosystem to scale** - 8 additional **replication cases** of our concept

Angela Holzmann | November 2022
Austrian Energy Agency (AEA)

Angela.holzmann@energyagency.at
Tel +43 (0)1 586 15 24 - 193 | Mob +43 664 810 7881
Mariahilfer Strasse 136 | 1150 Vienna | Austria

SHAREs
empowering communities

www.shares-project.eu
www.energyagency.at

Follow us!

Outline and scope of the project

AUSTRIAN ENERGY AGENCY

SHAREs

Cornerstones of the projects

- Funded by the **Horizon 2020 programme** of the European Commission
- Duration: **September 2021 – August 2024**
- 10 partners from **6 countries**
- Coordinated by the **Austrian Energy Agency**

Our target for the six participating countries:
To make energy communities fly!

SHAREs
empowering communities

WHY	To engage **all citizens** in energy communities and collective actions, including those without the time, resources, information or digital skills to be early adopters.
WHO	**Local heroes**: those potentially interested in setting up or expanding an energy community/collective action
WHAT	**6 national Gateways** (one stop shops) in partner countries 1 blueprint for national Gateways in English **Communication Campaign** 
HOW	20 **pilots** in 6 countries In close cooperation with **pioneers, national stakeholders, policy developers**
WHERE	Austria, Bulgaria, Croatia, Germany, Hungary, Georgia

SHAREs
Key results

- https://shares-project.eu/downloads
- D3.1 Overview of legal and regulatory framework (pdf)
- D3.2 Handbook of identified barriers and enablers (pdf)
- D4.1 Overview of existing tools and platforms to support collective actions (pdf)
- D4.2 Report on defined gaps in the inventory on relevant tools and platforms (pdf)

- English Blueprint to built up national One-Stop-Shops will be available in early 2023

Tapping into the potential of women for supporting renewable energy in the heating and cooling market

W4RES (#Women4RES) is a 3-year-EU-funded project, which aims at scaling-up the involvement of women in the market deployment and uptake of Renewable Heating and Cooling (RHC) solutions via replicable support measures tested and validated across 8 European countries.

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 952874

W4RES tools and results

Get involved!

> w4res.eu

Support measures and case studies

- Develop and finetune **measures for supporting women-led RHC projects**: Market uptake support services, Awareness raising campaigns, Capacity building programs
- Provide **business, financial and technical support to women-led initiatives**, in the RHC sector, in 8 countries (GR, IT, BE, BG, DK, SK, DE, NO)

Gender audit

- Help to **identify gender gaps** in existing organizations, projects and energy communities
- **Include gender equality in business model**
- Identify where initiative will have the greater impact; develop recommendations; action planning

Capacity Building Program

- Capacity building on **women empowerment in the RHC sector**, include gender in business model
- Seminars, webinars and hackathons > New events in 2023!
- Capacity building, skills strengthening, training package to bring home

UP-STAIRS Uplifting Energy Communities.

Objectives

Accelerating the **creation of new energy communities** in 5 pilot regions

Supporting citizens and municipalities in **becoming active customers**

Testing **new Energy Service model frameworks** of One-Stop-Shops for local collective actions

Stimulating **replication** in other regions across the EU

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 892037

UP-STAIRS Uplifting Energy Communities.

Key outcomes by November 2022

UP-STAIRS Uplifting Energy Communities.

- ✓ OSS opened in 4 out of 5 Pilot Regions
- ✓ More than 50 Implementation Champions Trained
- ✓ UP-STAIRS Digital Platform live
- ✓ 47,838 people outreached
- ✓ 6,104 citizens recruited
- ✓ Expected energy savings: 4,072,435 kWh/year
- ✓ Energy to be produced: 6,223 MWh/year

FOLLOW US

UP-STAIRS Uplifting Energy Communities

UpStairs_h2020

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 892037

IERC International Energy Research · ecoserveis · SEC · GREENCOM NETWORKS · KAPE Krajowa Agencja Poszanowania Energii S.A.

OÖENERGIESPARVERBAND · AMB Àrea Metropolitana de Barcelona · Comhairle Cathrach Chorcaí Cork City Council · Ekubirojs

cees

COMMUNITY ENERGY FOR ENERGY SOLIDARITY

CEES aims

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

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

www.energysolidarity.eu

@CEES_energy

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

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

The Consortium

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

cees
COMMUNITY ENERGY FOR ENERGY SOLIDARITY

COME RES

‘***Community Energy for the uptake of renewables in the electricity sector – Connecting long-term visions with short-term actions***’

Aim: to increase the share of renewable energy in the electricity sector by facilitating the development and supporting the implementation of enabling frameworks for renewable energy communities (RECs)

H2020-CSA: Sept. 2020 - Febr. 2023

Coordination: Freie Universität Berlin

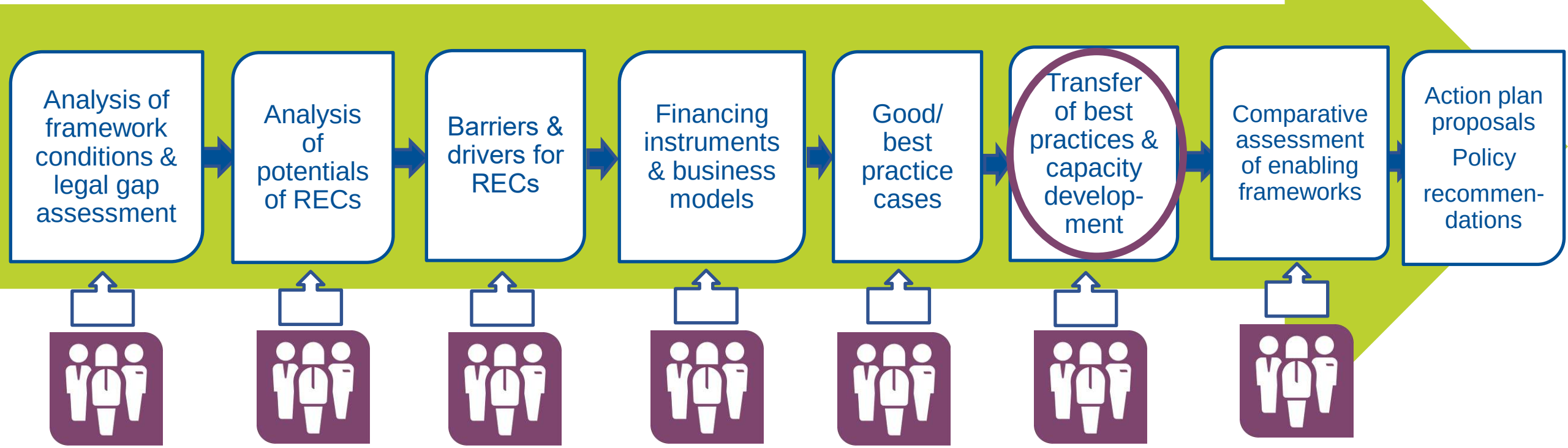
Partners: 16 partners /stakeholder desks in 9 countries

Each of the 9 COME RES countries selected is a **target region for** its activities

RECs are defined as collective energy projects which:

- demonstrate democratic participation and governance, and
- generate tangible and collective **benefits for the local community** (through energy-saving, revenue generation or increased knowledge…)

Activities in the target regions



Stakeholder-dialogues in 9 country desks

surveys, thematic workshops & round tables with policy makers

A core activity: 4 best practice transfers

Portfolio of **21 good practices** in 9 countries

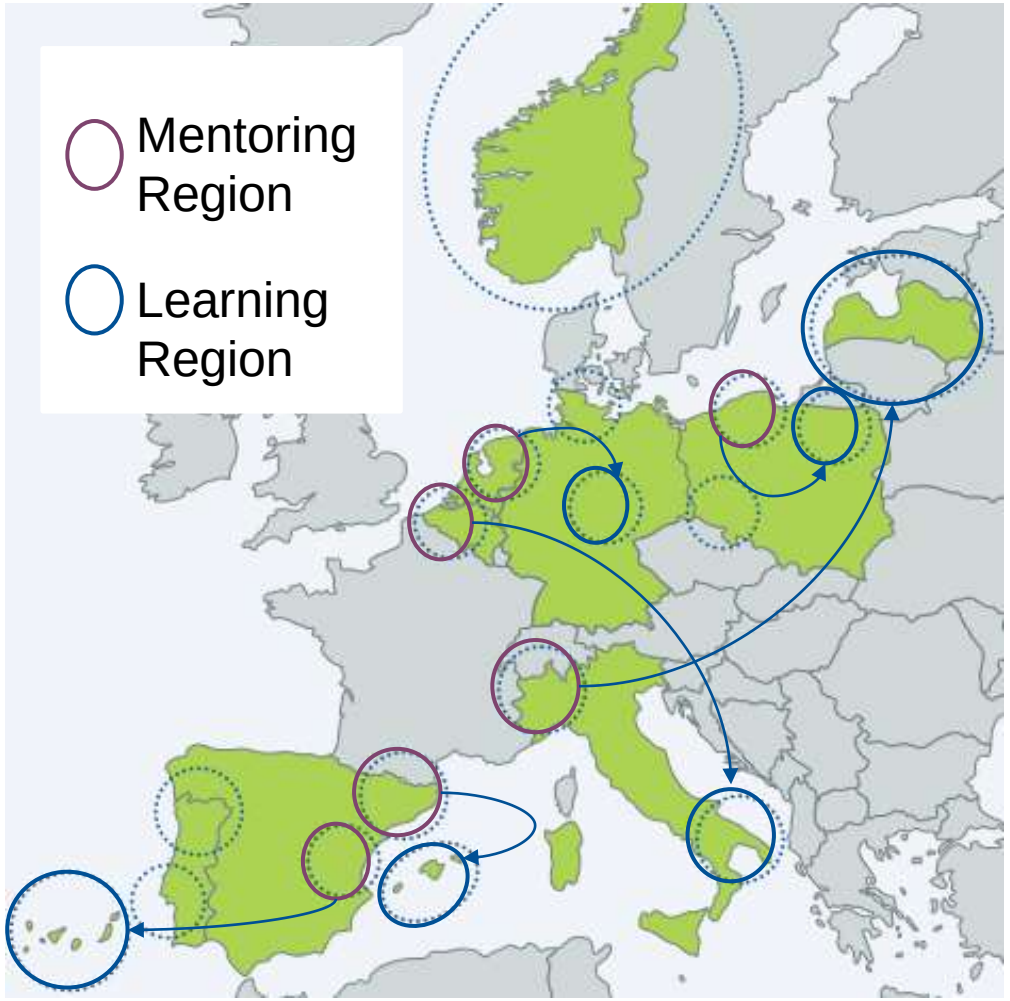
Identification of 10 **best practices**

Selection of **4 transferable best practices**

Formation of **Transfer Teams** (project partners, experts from ‘learning regions‘ and mentoring experts)

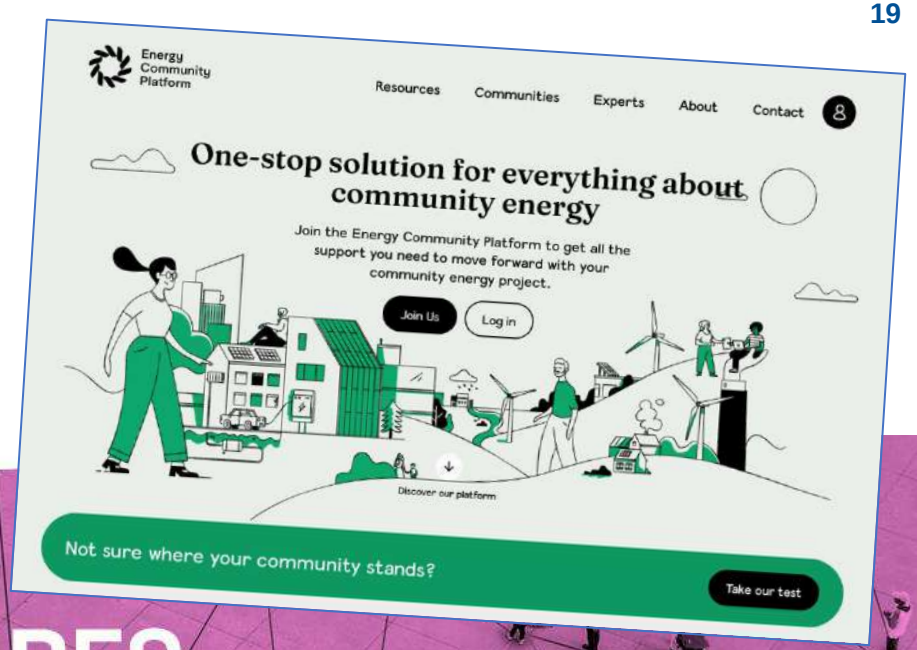
Key twinning/mentoring activities:

- 3 transnational & 1 internal best practice transfers
- Site visits, training and support in ‘mentoring‘ & ‘learning‘ regions (June & Oct. 2022)
- Joint development of **transfer roadmaps** and **Memoranda of Understanding** involving learning and mentoring regions



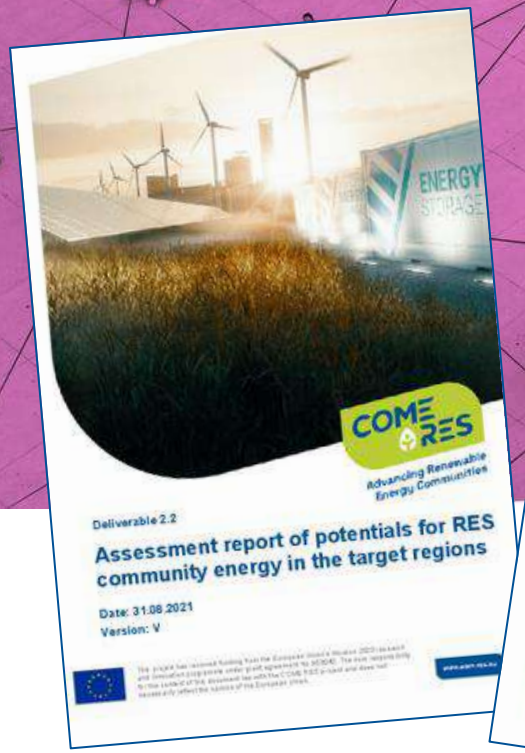
Find out more: www.come-res.eu

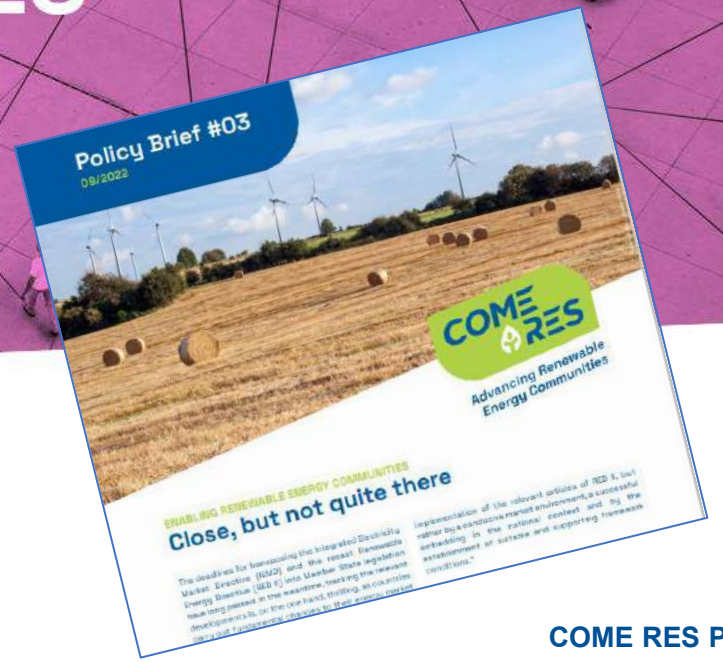
Join the Energy Community Platform: www.energycommunityplatform.eu



Join the COME RES Community

CONTACT US





ENERGIE INSTITUT
an der Johannes Kepler Universität Linz

A business model to aim for Individual motivation and collective action

H2020 Project# 890362

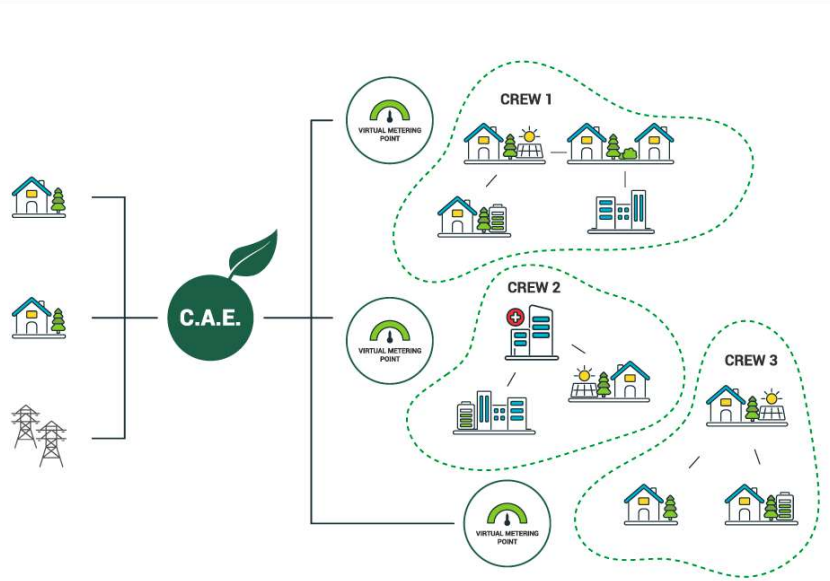
Presented by Johannes Slacik
Energy Institute at the JKU Linz, Austria

ENERGIE INSTITUT
an der Johannes Kepler Universität Linz

eCREW | eSTABLISHING COMMUNITY RENEWABLE ENERGY WEBS

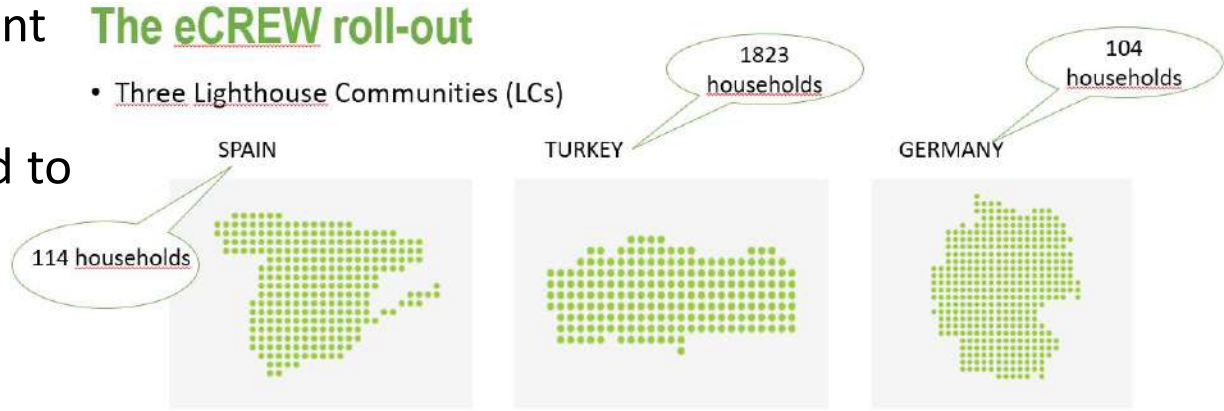
The eCREW Model:
establishing Community Renewable Energy Webs

- Virtual energy communities (a new innovative business model)
- Digital App for energy efficiency and comparability – split incentive scheme
- Smart meters and smart grids necessary
- Prosumers and consumers are needed (1p to 2,5c)
- Energy utility as Collective Administration Entity & service partner



Learnings – take aways

- The Business Model supports the integration of the energy system
- Different Business Models are necessary to fit the local and national frames
- A unified regulatory EU-policy for tariff-settings, regulations and market conditions is recommended to foster the energy community development
- A holistic digital approach for managing the different energy sources is needed
- PV investments – amortization calculator is needed to attract prosumer engagement/investment



Learnings – take aways

- Enablers and barriers for companies/utilities to become **Collective Administration Entities (CAE)**

- **Shared sustainability values with citizen (consumers & prosumers)**
- **Proactive engagement of community as CAE**
- **Technological appliance implementation (smart grids; smart meters)**
- **Digital platform and support application**
- **Innovation and performance improvement (peakload shifting)**
- **Be at the forefront of the energy transition**
- **Existing and cooperative prosumers**
- **Awareness programs**
- **Community and network building**

- **Legal restrictions to and regulations for energy community network systems regarding**
- **Expansion of local energy communities**
- **Tariff-setting**
- **Implementation of smart-grids and smart-meters**
- **Lack of additional human resources of CAE**
- **Resource availalabitliy for renewable energy generation (wind, water, solar)**
- **Limited motivation for innovation and change**
- **Technical incompatibility**
- **Lack of consumer and prosumer trust**
- **Consumer rejections**

Are renewable energy communities a solution in the energy crisis, with the ability to lift people out of energy poverty?

Briefing soon ready, by:

BECOOP
UNLOCKING THE COMMUNITY BIOENERGY POTENTIAL

cees
COMMUNITY ENERGY FOR ENERGY SOLIDARITY

POWERPOOR
Empowering Energy Poor Citizens through Joint Energy Initiatives

COMRES

UP-STAIRS Uplifting Energy Communities.

eCREW
eSTABLISHING COMMUNITY RENEWABLE ENERGY WEBS

EC²

WW4RES

RECS & EP – WHY? WHAT IS THE LINK?

- Creating an energy system that works for all citizens
- Sky-high energy prices driving many Europeans to look for alternatives to traditional providers
- Citizen-led green energy projects owned and potentially operated by the local population >> development of new decentralised energy system models with many benefits.
- However, considerable legal and practical difficulties exist which are slowing or even halting progress in these developments.

BRIEFING FINDINGS – RECS/CECS…

Democratisation - As social innovative way to organise the energy system

Strengthen **inclusiveness, social cohesion** with spaces to educate and train people on issues of energy, climate and democracy.

Support the **in-depth transformation of the economy and society** to achieve climate neutrality in a way that takes account of national circumstances & is socially just.

Help **mobilise private/public investments** providing sustainable, secure & affordable energy.

Local power - Help **accelerate the transition to renewables, reducing dependence on outside sources & diversifying energy supplies**.

A great **opportunity to overcome inequalities, affecting young people in particular, generational, gender, territorial & educational divides**.

BRIEFING FINDINGS – UP-STAIRS SURVEY

Results showed that one of the most important motivation among stakeholders to set collective actions was the **contribution to the social and economic development of districts and regions**. The survey indicated that these activities directly benefit citizens, since energy costs are reduced as a result of a more efficient use and the production of energy.

Acknowledgement of energy communities reflected in each of the National and Energy Climate Plans (NECPs) assessed by UP-STAIRS, yet miss detail about their implementation.
NECPs potential to detail and clarify activities energy communities can engage with, as well as how they could help in the accomplishment of national objectives. **Notably, Austria and Ireland have taken this opportunity and have highlighted the potential for energy communities to fight energy poverty.**

MORE COMING SOON!

- Stay tuned and follow our projects
- Briefing will include:
  - Policy recommendations
  - A specific focus on gender consideration, democracy
- Followed by a policy event on the topic (at EUSEW?)

This project has received funding from the European Union's Horizon 2020 research and innovation programme under Grant Agreement no. 952930.
The responsibility for the information and the views set out in this document lies entirely with the authors. The European Commission is not responsible for any use that may be made of the information it contains.

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

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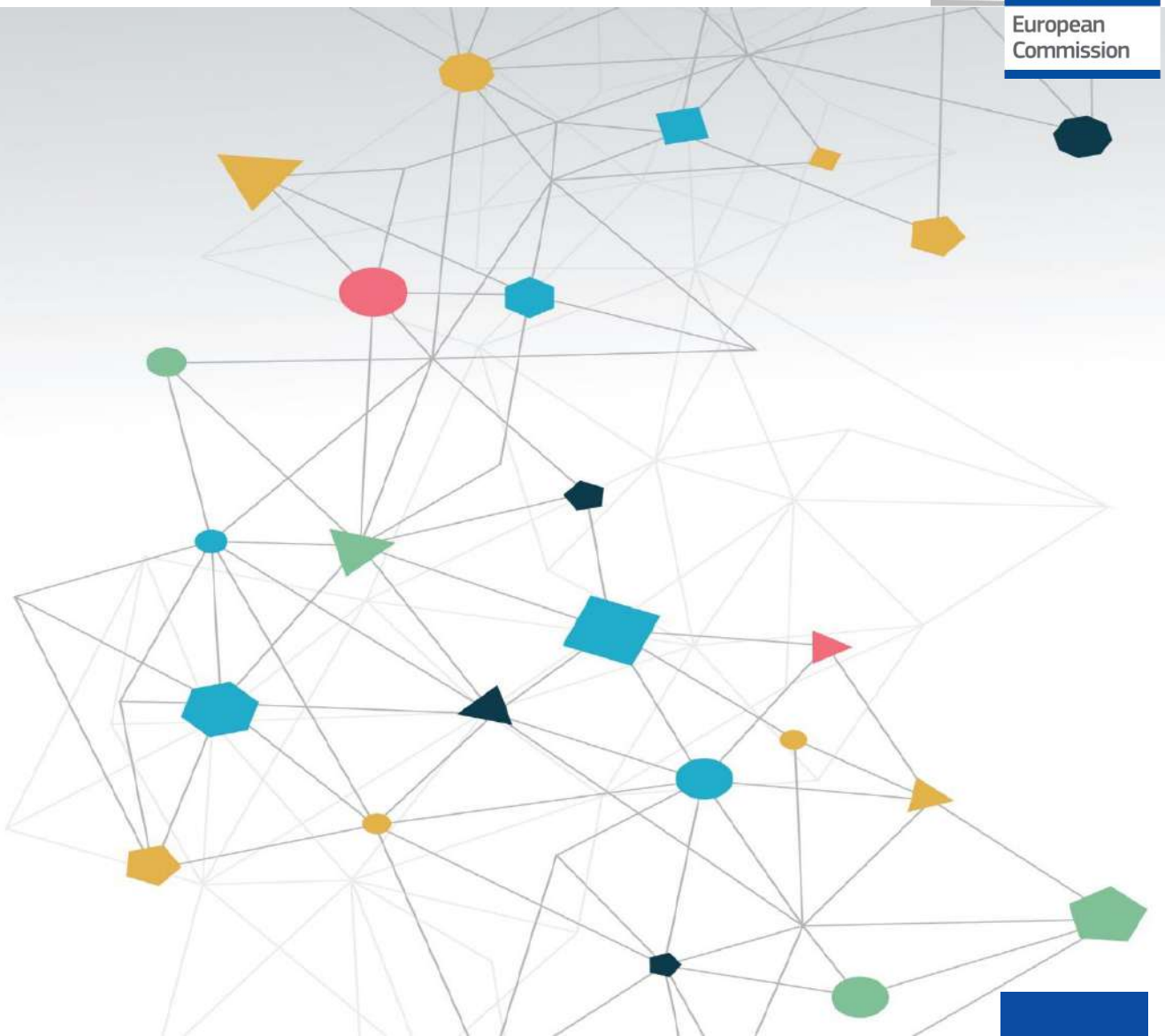


EU Energy Poverty Advisory Hub –

Dora Biondani, Project Coordinator

Energy Poverty Advisory Hub

European Commission

Energy Poverty Advisory Hub

EU
Energy Poverty
Advisory Hub

European Commission

The Energy Poverty Advisory Hub, the leading EU initiative run by the European Commission at the request of the European Parliament, is a **collaborative network** of stakeholders aiming to eradicate Energy Poverty and accelerate the just energy transition of European local governments.

European Commission

Energy Poverty Advisory Hub

Climate Alliance

ecoserveis

NOVA SCHOOL OF SCIENCE & TECHNOLOGY

AISFOR

akaryon

WEBTOOLS • UMWELT • FÖRDERUNGEN

European Commission

Energy Poverty Advisory Hub

Croatia – DOOR

Ireland – South East Energy Agency

Cyprus – Cyprus Energy Agency

Poland – Polish Network of Energy Cities

Bulgaria – Sofia Energy Center

Romania – Ashoka

Hungary – CA Hungary

Greece - Anatoliki

European Commission

Energy Poverty

According to the European Commission:

"energy poverty is a situation in which households are unable to access essential energy services."

.

European Commission

Energy Poverty – A socio-technical challenge

Heating

Cooling

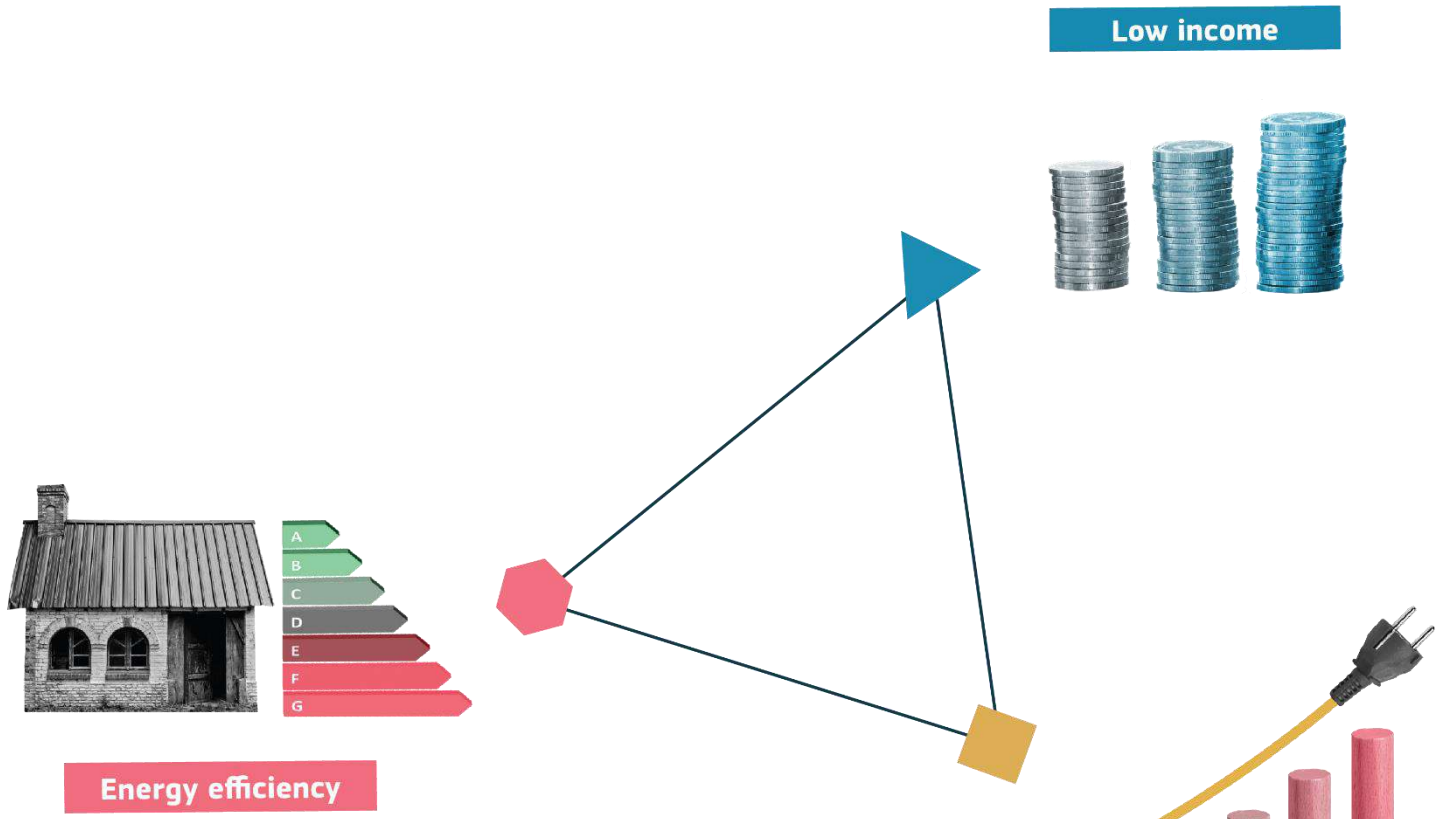
Vulnerable consumers

Wellbeing

Social inclusion

European Commission

Energy Poverty Challenges



European Commission

Assistance

Focus on local level

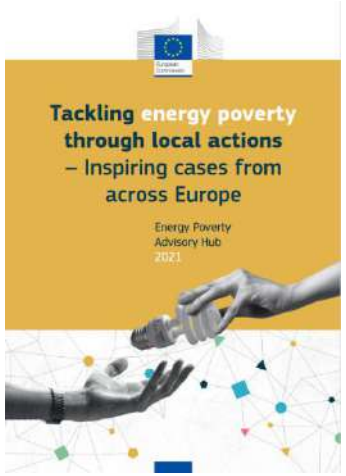
Creating synergies with all layers of governance

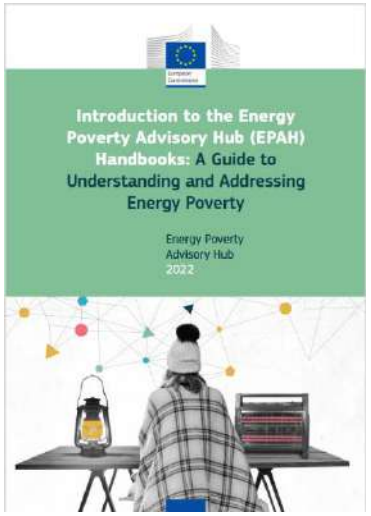
Tools:

- *Research & **practical guides***
- *Online **training***
- ***Direct support***
- *Building a collaborative **network***

Research and Practical Guides

The report	The	The	The
Tackling energy poverty through local actions – Inspiring cases from across Europe	EPAH ATLAS	Introduction to energy poverty and the EPAH – Introductory course	Introduction to the Energy Poverty Advisory Hub (EPAH) Handbooks: A Guide to Understanding and Addressing Energy Poverty





www.energypoverty.eu

European Commission

Local solutions – from the report

Fényhozók Alapítvány
(LightBringers Foundation)

2014 ongoing

In the village of Baks and especially its Roma settlement "Mária telep", the poorest households face difficulties in accessing energy and/or paying bills. The Ligthbringers Foundation aims to transform Baks into a model village of an energy community involving low-income households. The project wishes to develop a distributable and adaptable model targeting lower-middle class families in the region. To reach this goal and tackle energy poverty, the project provides renewable energy solutions to households in need in Baks.

Energy poverty phases:

- Implementation

Intervention type: Capacity building and training, financial mechanisms, renewable energy integration

Topics: Climate change, human rights, communities, renewable energy, rural areas, underconsumption, vulnerable consumers, ethnicity

Dél-Alföld, Baks, Hungary

Geographical scale: National and local

The project provides solar panels for households affected by energy poverty that have no access to electricity. The project with **a budget of between 5,000 and 10,000 euros** allows vulnerable groups to benefit from the energy transition by involving beneficiaries in the community following a model of solidarity.

The activities are developed around two axes: community development and technical assistance. The community building includes forums and recruitment and training of volunteers, field presence, a fundraising campaign, with a structured communication strategy. The technical part includes the development and installation of a solar panel system with an inverter to allow the system to operate with least 2 household electronic devices in addition to lighting. The installation is done by selected and trained volunteers.

The project is an inspiring case of implementing an action in collaboration with the local population that improves the livelihood of vulnerable communities. The main weaknesses faced during the project were related to the small scale of the project, the lack of personnel for smooth management in a timely manner, insufficient funding and the lack of stakeholder involvement.

Photos by fenyhozok

Benefited from the project: Children, elderly, energy-poor, segregated Roma communities

Funding: Private funds and citizen funds

The partners: Roma Versitas (civil society organization), local authority, NGO, university/research centre

The professionals:

- Social workers
- Volunteers

FÉNYHOZÓK

- Capacity building and training
- Financial Mechanism
- Renewable Energy Integration

European Commission

Local Solutions from the ATLAS

Housing renovation programme for vulnerable households (Ayudas del Programa de Rehabilitación de Viviendas para personas en situación de vulnerabilidad)

Measure

The inhabitants of Barcelona can ask to receive a grant to renovate their houses so that they reach a better energy efficiency. Grants can be applied to cover the following renovation work:

- Home interiors.
- Structural work.
- Façades, yards, skylights, stairs, party walls and foyers.
- Lift installations.
- Elimination of architectural barriers and obsolete elements.
- General installations in communal areas.
- Work relating to energy saving, solar energy and green rooftops.
- Social cohesion programmes.

Grants introduced **in 2017** for people of low income (vulnerable population) to renovate their home interiors have been consolidated this year: in the first year of these grants, 821 applications were processed, half of them from people living alone. The new grant call divides these subsidies into two and includes a programme fo
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Grants for renovation

Measures to defend the right to decent housing

Grants for the renovation of homes and buildings contribute to defending the right of citizens to decent housing. Find out more about the funding available and find out all the news of this year's campaign.

Improving homes to fight against inequalities

The Barcelona City Council is well aware that renovation is a key tool for fighting against inequalities and improving people's quality of life. It is for this reason that it accompanies those projects which provide an improvement in the quality of both homes and buildings. Barcelona is, in fact, one of the cities of our geographical setting with the greatest public coverage of rehabilitation of the private housing stock.

Rehabilitation of homes has an immense impact on our comfort, health and wellbeing, marks the difference in energy efficiency and improves the quality and safety of the housing stock. In addition, the promotion of rehabilitation benefits the local economy and creates employment, since it requires specialised labour.

The aids to rehabilitation offered by the Barcelona City Council and the Barcelona Housing Consortium promote inhabitability, accessibility and energy efficiency both inside homes and in buildings as a whole.

The principal new feature of the 2021 announcement in regard to the previous year is that the subsidies are granted on the basis of competitive concurrence. This is a procedure

Highlights

- Grants for energy renovation
- Grants for the renovation of buildings for communities
- Benefits for the renovation of housing interiors for incorporation in the Barcelona Rental Housing Stock
- Areas with special subsidies

Related links

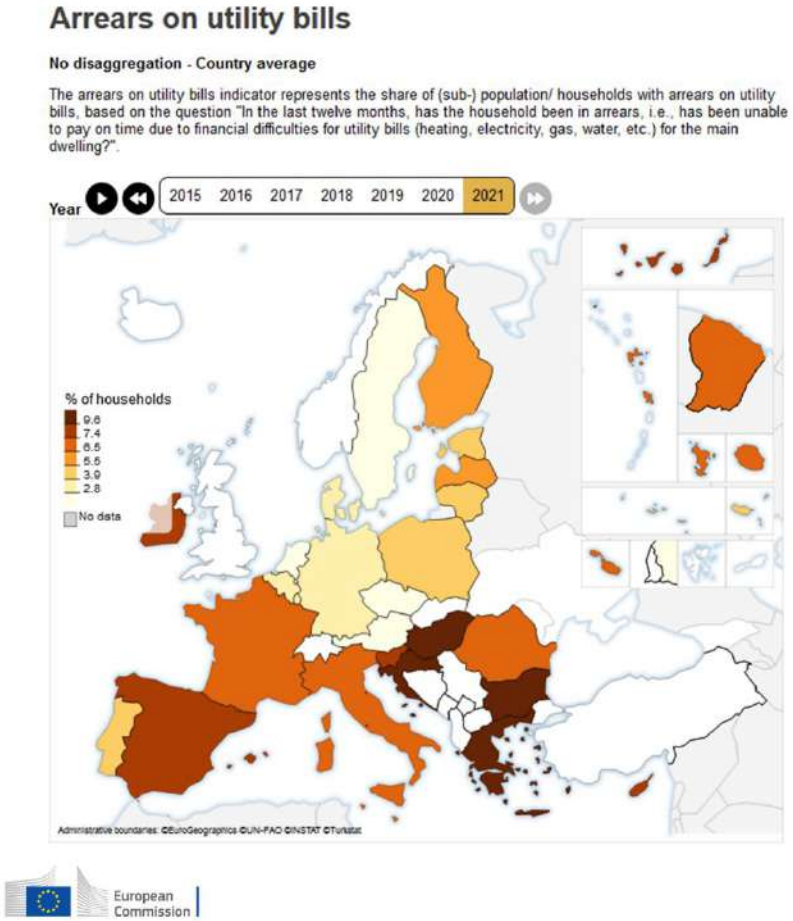
- Provisional list of those admitted and excluded for the cCall for aid for rehabilitation for the interior arrangement of homes for people in a situation of vulnerability in the city of Barcelona (CAT)
- Call for grants for the rehabilitation of common elements in the city of Barcelona (CAT)

Renovem el barris

The aids to rehabilitation offered by the Barcelona City Council and the Barcelona Housing Consortium promote inhabitability, accessibility and energy efficiency both inside homes and in buildings as a whole.

European Commission

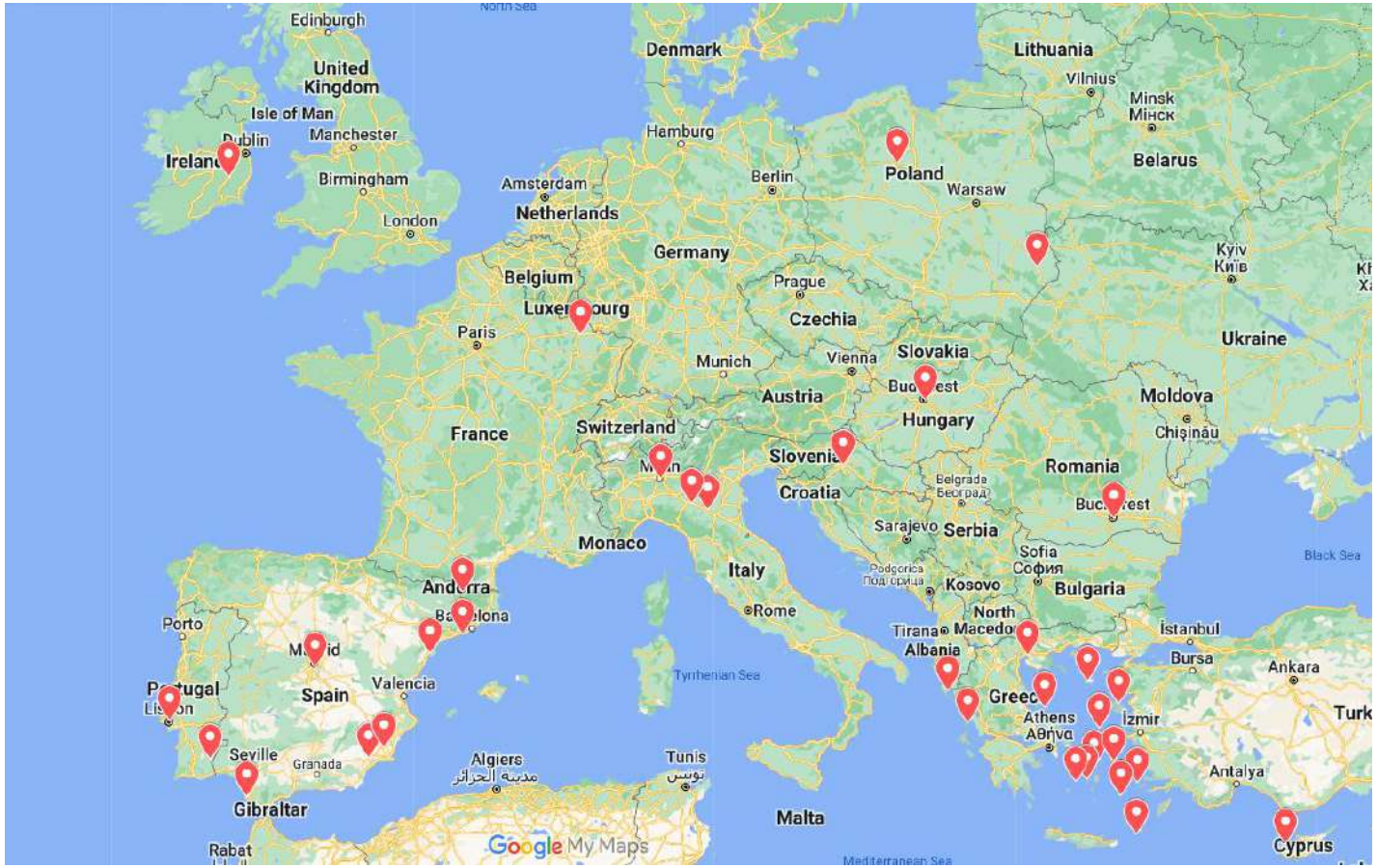
New dashboard – National indicators



www.energypoverty.eu

European Commission

Municipalities we are working with – EPAH 1st TECHNICAL ASSISTANCE



European Commission

Assistance provided

Trio Support

LOCAL GOVERNMENT

Formulate and steer your own process

EPAH team

Connecting you with a wider network and provides EU wide experiences

Expert Organisation

Supports you with contextual experiences and expertise

European Commission

Technical Assistance Start

We are excited to announce the results of the call for technical assistance. **24 proposals representing 35 municipalities across Europe** will receive **direct support to take local action against energy poverty**. Through this collaboration, local governments will receive technical assistance to produce effective local results that can serve as inspirational cases for other local governments aiming to undertake similar processes.

Discover below the awarded applicants and their presentations.

Map of the 35 awarded municipalities

Municipality of Murcia, Murcia Province, Spain

The Spanish municipality Murcia will update its **plan against energy and water poverty** thanks to the technical support provided by the expert cooperative Aeioluz. They will together organise training activities and a participatory approach to structure the update of the municipal plan.

All their programme on the poster.

Muncipality of Zagreb, Croatia

The municipality of Zagreb will be accompanied by the expert organisation DOOR to finalise the **Energy Poverty Mitigation Programme** of the city. They will gather data through a questionnaire conducted on a representative sample of citizens in Zagreb to identify key aspects of energy poverty and indicators to support the development of the programme.

All their programme on the poster.

https://energy-poverty.ec.europa.eu/get-support/call-technical-assistance_en

European Commission

Technical Assistance Start

- Diagnosis
- Data analysis

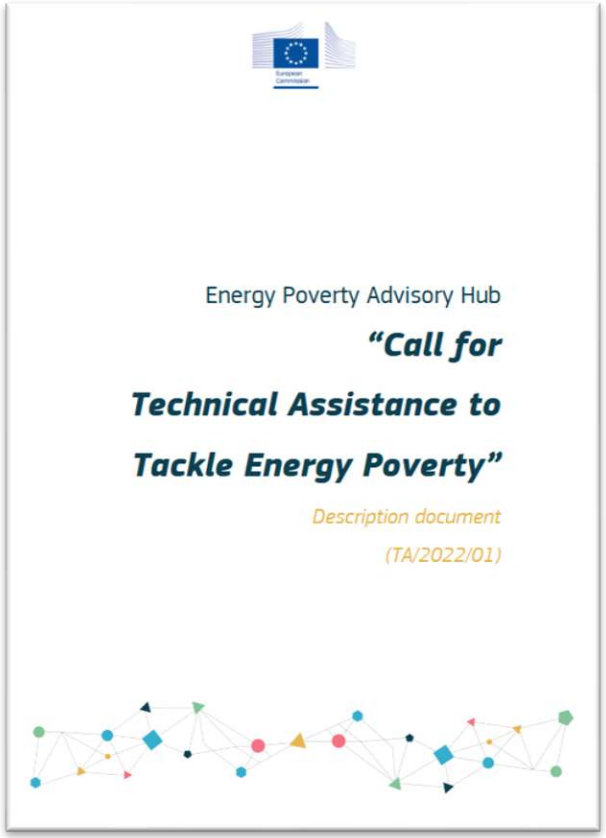
European Commission

Technical Assistance Main Topics

European Commission

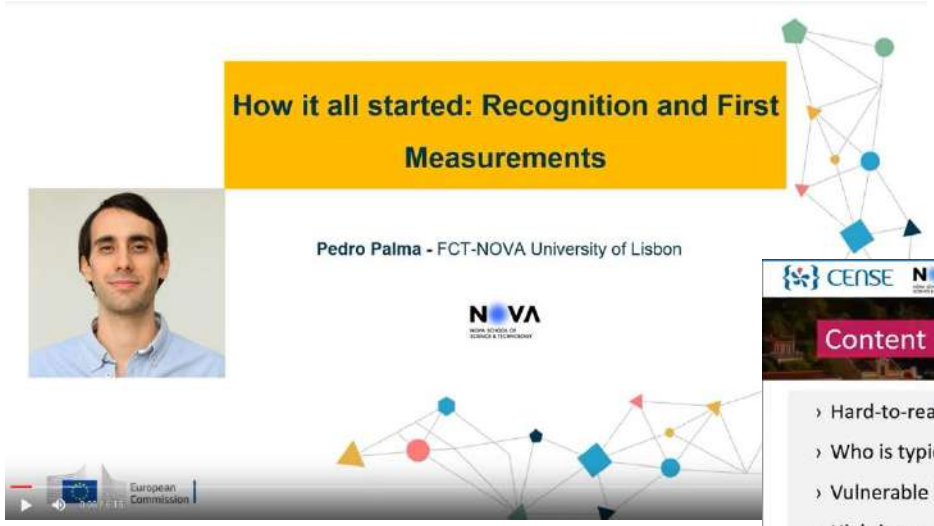
Coming Soon – Technical Assistance

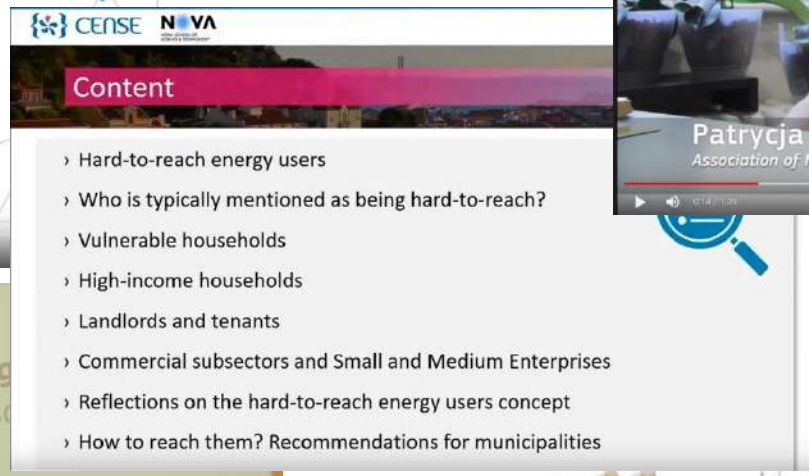
NEXT CALL FOR TECHNICAL ASSISTANCE
First quarter 2023



European Commission

Coming Soon – 10h Course





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Home > About > News > Tackling energy poverty while supporting labour market insertion – Discover local, national and international projects

NEWS ARTICLE | 9 September 2022 | Directorate-General for Energy

Tackling energy poverty while supporting labour market insertion – Discover local, national and international projects

Low income can be one of the drivers of energy poverty. This condition may be caused by unemployment. In fact, low-income households can be in a vulnerable situation where they can't pay their energy bills or bear the cost of renovation work for their houses. Tackling energy poverty while simultaneously addressing unemployment challenges through labour market insertion programmes can be a valuable starting point.

Several successful local, national and international projects featured on the EPAH ATLAS address citizen unemployment and have obtained favourable outcomes in mitigating energy poverty. The four projects presented in this article took place at different scales, in several macro-geographical areas with varying contextual factors. The diversity of methods employed in these projects shows that this kind of intervention scheme is not fixed and can be tailored according to specific social contexts and problem definition. The following projects can be found on the EPAH ATLAS by searching for the project name and using the advanced filter option.

European Commission

The EPAH lunch talk series

Sharing experiences among key stakeholders across Europe to tackle energy poverty

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Indicators importance for local scale assessments of energy poverty

14 December, 13:30-14:30 CEST, online

EU
Energy Poverty
Advisory Hub

European Commission

Scan to register

The EPAH lunch talk series

Sharing experiences among key stakeholders across Europe to tackle energy poverty

- Indicators importance for local scale assessments of energy poverty – 14 December, 13:30-14:30 CEST, online
- One year on the energy poverty topic – 17 January 2023
- What is a technical assistance – EPAH support to EU municipalities – 14 February 2023
- From observation to implementing action – 14 March 2023

EU
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Contact us at **info@energypoverty.eu**
Follow us **#energypovertyAH** and **#EPAH**

RETE ASSIST

RETE ASSIST – Italian Network of actors supporting the energy transition – with focus on addressing energy poverty

Marina Varvesi – RETE ASSIST (Italy)

Take-up and scalability of ASSIST model

- **2017 - 2020**
- Eu project to test the ASSIST model
- www.assist2gether.eu

ASSIST project

- **2021**
- EU project to scale the ASSIST model
- www.assist2gether.eu

SUITE Project

- **March 2022**
- Launch RETE ASSIST to consolidate the model
- www.reteassist.it

RETE ASSIST

ASSIST: pilot phase to build ASSIST model – training / network / action

SUITE: Drafting scalability plan for scaling ASSIST model

Launch of the HEA and HEA network

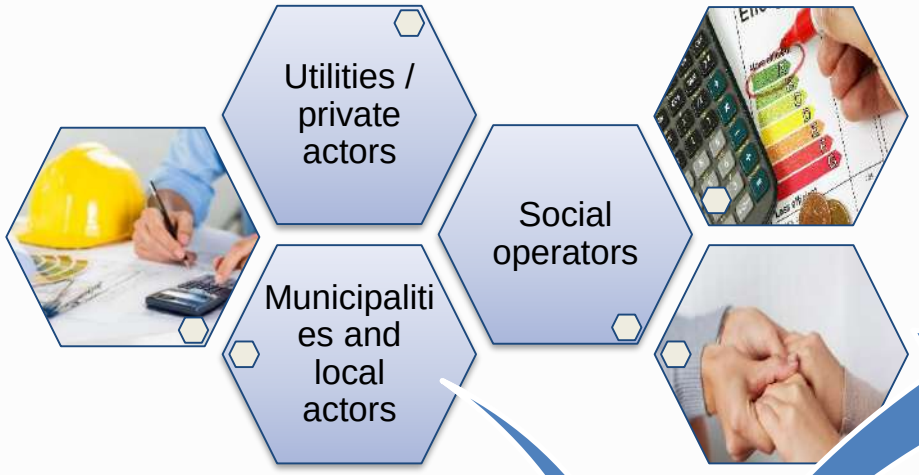
ASSIST

European project (Horizon 2020 No.754051) to test an innovative holistic model to tackle energy poverty. A model based on the **HEA (Household Energy Advisor)**, a professional figure empowered on all energy poverty related issues, which can be taken up in **different contexts** (public – private; social – energy)

Coordinated by AISFOR, the consortium was formed by 12 partners partners coming from 6 different countries (Belgium, Finland, Poland, Spain, United Kingdoms and Italy).

The project was developped in 2017 – 2020

ASSIST Model – in practice



Bridge HEA-people

ASSIST-HEA services

Training ASSIST-HEA

HEA / HEA network

- Helpdesk
- Home visits / energy check-up
- Access to financial support
- …….

People in energy poverty / vulnerability

RESULTS OF ASSIST PROJECT

	The national context for operators to tackle energy poverty	HEAs registered	Types of operators enabled	HEAs trained	No. of active HEAs	No. of people reached with ASSIST activities	No. of people involved by ASSIST actions	ESI	VEF
IT	Different types of operators but no specific figure to eliminate energy poverty	233	Everyone (social workers, technicians, volunteers, etc.)	122	23	8,428	618	5.5%	0.4

*__ESI__ (Energy Savings Indicator %) **– unique indicator for energy saving, money saving and increased comfort** = {Energy Savings(%)+ [(Energy Savings %*Comfort Indicator)+(Energy Savings % *Money Savings Indicator)]/3 } /100)

__VEF__ (Vulnerability Empowerment Factor) **– Qantifiable indicator for the decreased vulnerability between -2 and +2, where +2 is the maximum value for the decreased vulnerability

Impact of HEAs

Reduction of energy consumption (objective)

- Increased awareness on energy consumption
- Reduces energy waste and redduces consumption (and relative cost)
- *Energy consumption data*

Reduction of energy costs (objective)

- Increased awareness and knowledge of the enegy market and energy contract offers
- Switching to contracts with more favourable conditions in line with their habits and needs
- *Energy cost data*

Increased comfort (subjective)

- Increased the perceived level of comfort in the household
- *Subjective perception data*

Reduction of vulnerability factor (subjective)

- Being aware and being in contact with a person able to support and assist on all energy poverty problems is a great added value which gives relieves and psychological comfort
- *Subjective perception data*

What we have built with SUITE

- Plan to consolidate and scale the ASSIST model
- Bases for **RETE ASSIST**

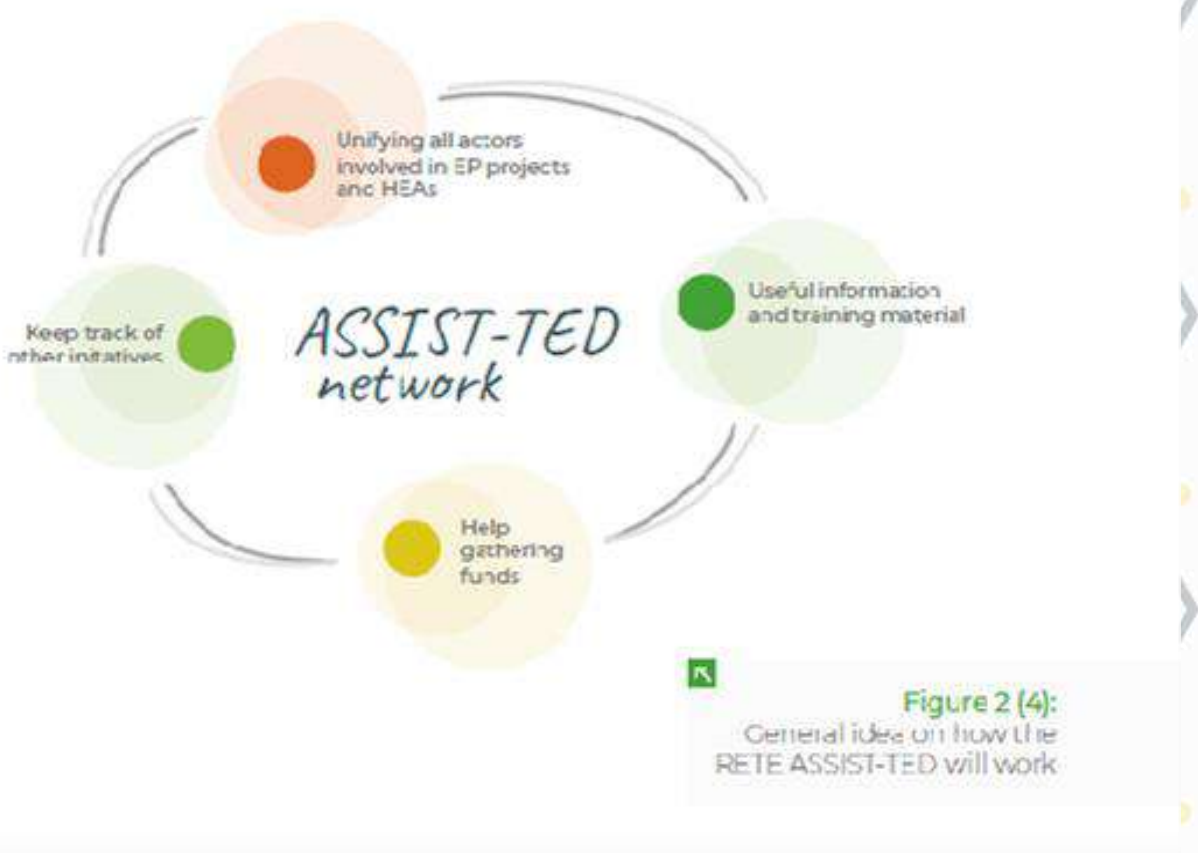


Figure 2 (4): General idea on how the RETE ASSIST-TED will work

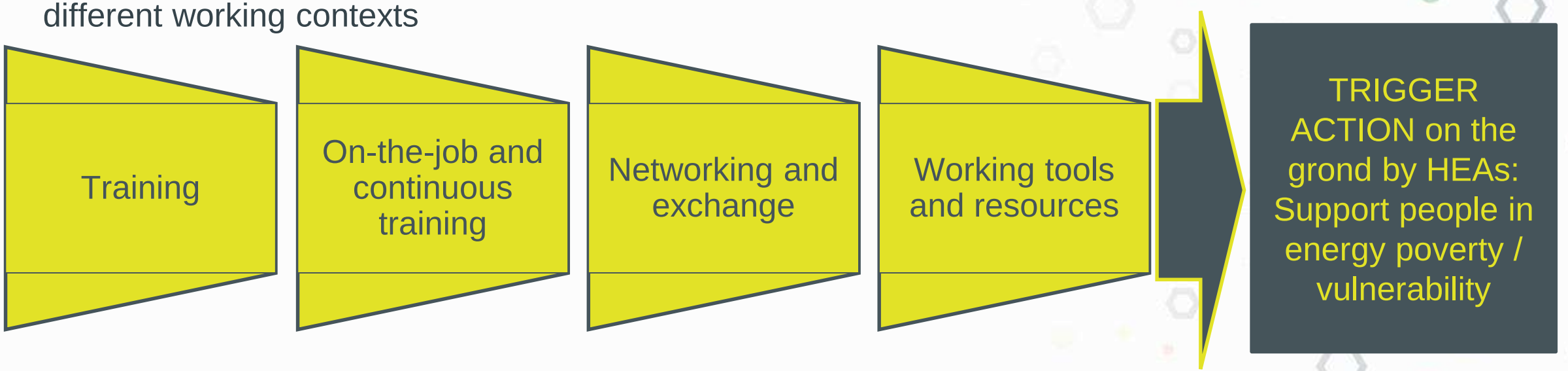
RETE ASSIST

- ❑ non profit Italian association
- ❑ born to continue the work of ASSIST project to empower both operators on the ground (HEAs) and stakeholders

ADDRESS ENERGY POVERTY with an holistic and collaborative approach

Activities of RETE ASSIST for HEAs

- **Training** opportunities to increase HEAs knowledge of the problem and competencies to address it
- Activities and resources to promote the **networking** between HEAs and also to bridge the gap between operators on the ground and stakeholders
- **Resources ready to use to support** HEAs to carry out actions on the ground
- Activities and resources tailored to the needs and knowledge gaps of the operators according to the different working contexts



Targets of RETE ASSIST

Operators (HEAs)

- Operators on the ground to support people in need
- Interested in learning more on the problems and needs of energy poverty and more generally on the social aspects of energy
- HEAs – Household Energy Advisors

Non profit organisations

- With the mission to assist and support people and facilitate the just and fair and promote climate neutrality
- Interessati ad ampliare i servizi ed i campi di assistenza

Municipalities / local governments

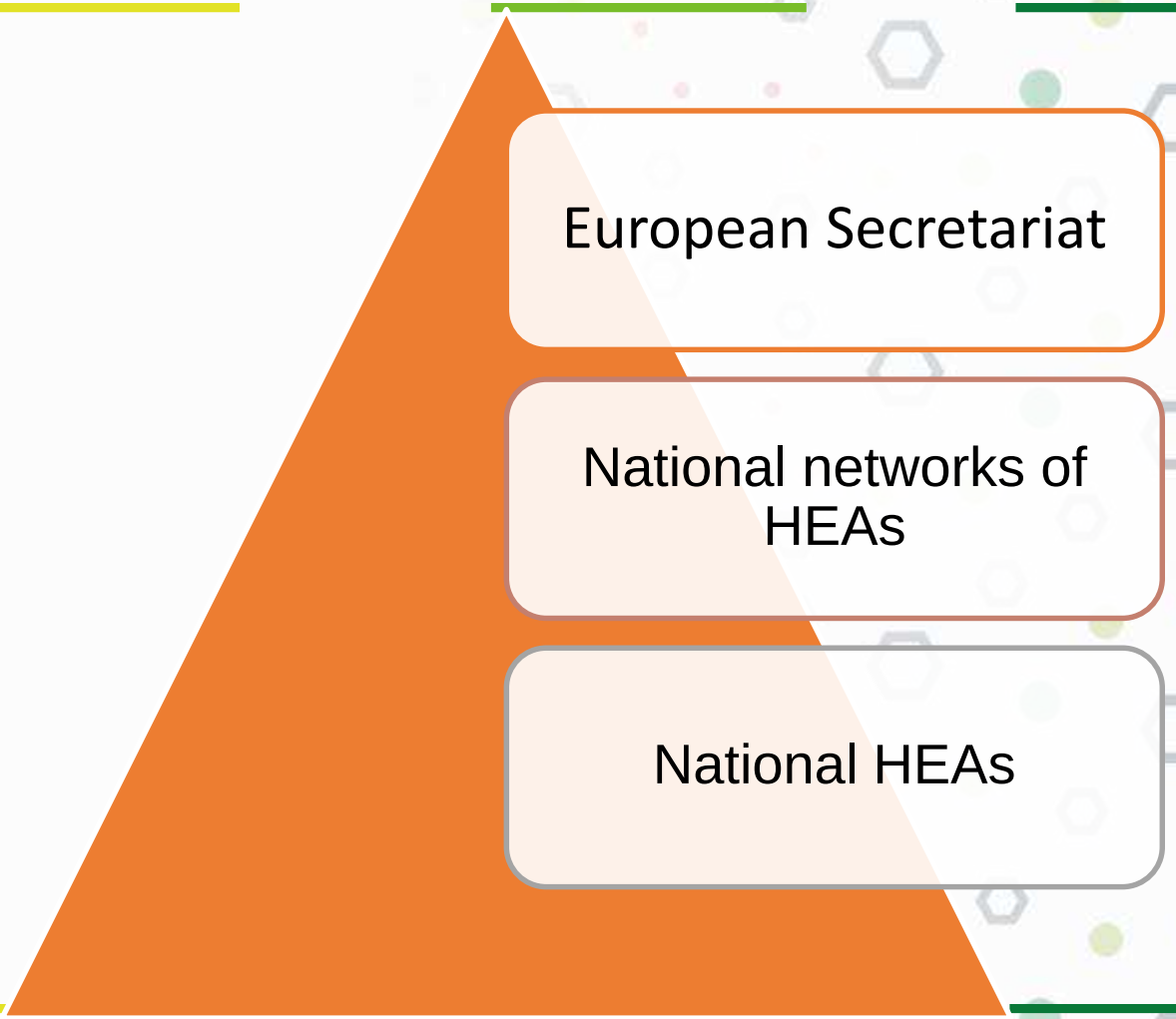
- Aware and active of the probelms of citizens on social-energy topics
- Willing to provide direct support to their citizens – such as setting-up OSS

Utilities and other private actors

- Moved by Social Responsabilities policies
- Interested in implementing article 7 of the EED

EUROPEAN DIMENSION

- In the SUITE project, the initiative for a European secretariat was born to bring together the various national networks of operators in the field
- RETE ASSIST is the coordinator



RETE ASSIST

THANK YOU!

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