



# POWERPOOR

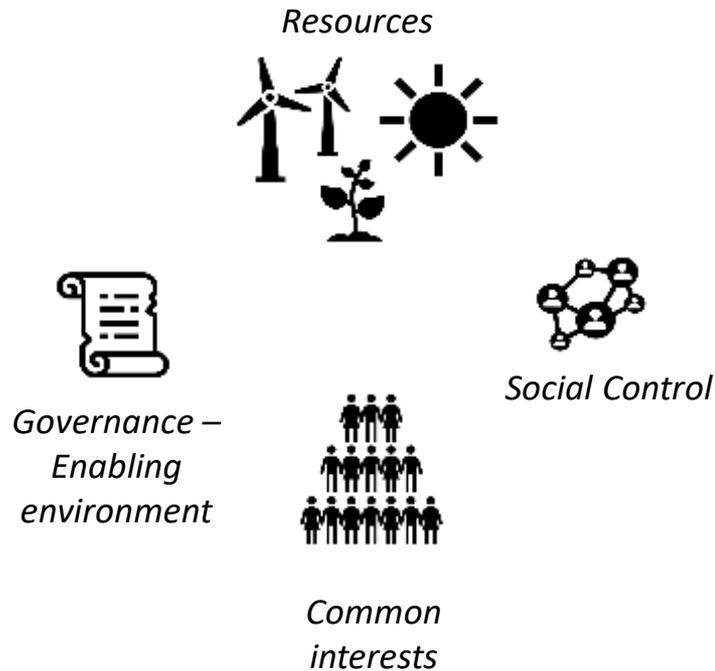
Empowering Energy Poor Citizens through Energy Cooperative Initiatives

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Working on the field with energy poor citizens and policy makers to enable the mitigation of energy poverty across



## Collective Innovative Actions



*Collective Innovative actions to enable the alleviation of energy poverty*

*Collective Innovative Actions such as energy communities or crowdfunding are based on the idea that common interests can fuel common actions*

## Collective Energy Initiatives

### Energy Communities

- ✓ Citizens Energy Communities
- ✓ Renewable Energy Communities

### Energy Cooperatives

## Community finance

- ✓ Crowdfunding, is the extension of cooperatives to even larger communities (leveraging the internet), drawing support from people across entire countries in order to support specific projects that can create change in one region.

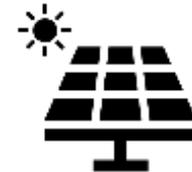
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*The collective approach fostered by **energy communities and/or crowdfunding** is suitable for the enormous challenges faced by citizens suffering from energy poverty who wish to take action to reduce their energy consumption or improve the energy efficiency of their households.*

## "Solarizing" Greece

- ✓ Acceleration of the energy transition by enabling small-scale investments of renewable energy
- ✓ Achieving energy efficiency and the solarization of the Greek economy can be a strategic choice enabling citizens suffering from energy poverty to take control of their energy production and expenses

"Solarization" has the potential to enable Greece to adopt solar power which can be a driver of the economy, can lead to rid the country of the burden of fossil fuels and enable citizens escape the energy poverty phenomenon.



Source: [https://greenpeacegreece.org/projects/2015\\_climate/solarize/index.html](https://greenpeacegreece.org/projects/2015_climate/solarize/index.html)

Started: 01/09/2020

Duration:  
36 Months

Empowering Energy  
Poor Citizens through  
Joint Energy Initiatives

Coordinator:  
National Technical  
University of Athens  
(NTUA)  
Participants: 14

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H2020-LC-SC3-EE-2019

# Who we are



**Supporting** - energy poor citizens to implement energy efficiency interventions and participate in joint energy initiatives, through the development of POWERPOOR support programmes and tools, to alleviate energy poverty.

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**Facilitating** - citizens' behaviour change towards energy use and enable the uptake of energy efficiency measures through experience and knowledge sharing, as well as through joint energy initiatives and citizen engagement campaigns targeting groups of consumers in energy poor communities.

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**Promoting** - energy community projects / alternative financing schemes and assisting citizens to pursue funding opportunities (e.g., energy communities, energy cooperatives & crowdfunding).

**Energy poor support programmes** will be designed, developed and implemented in 8 pilot countries across Europe, led by a network of certified Energy Supporters and Energy Communities Mentors.

**Through energy poor support programmes** citizens are positioned at the heart of the solution through a gradual transition from an energy poor citizen towards an informed consumer and later an active prosumer.



# The POWERPOOR approach

PowerPoor Toolkit



Training Materials

Energy Supporters and Energy Community mentors

Trainings

Certification

- ✓ Training Seminars
- ✓ Webinars
- ✓ Face 2 Face meetings

Local Energy Poverty Offices

Municipalities

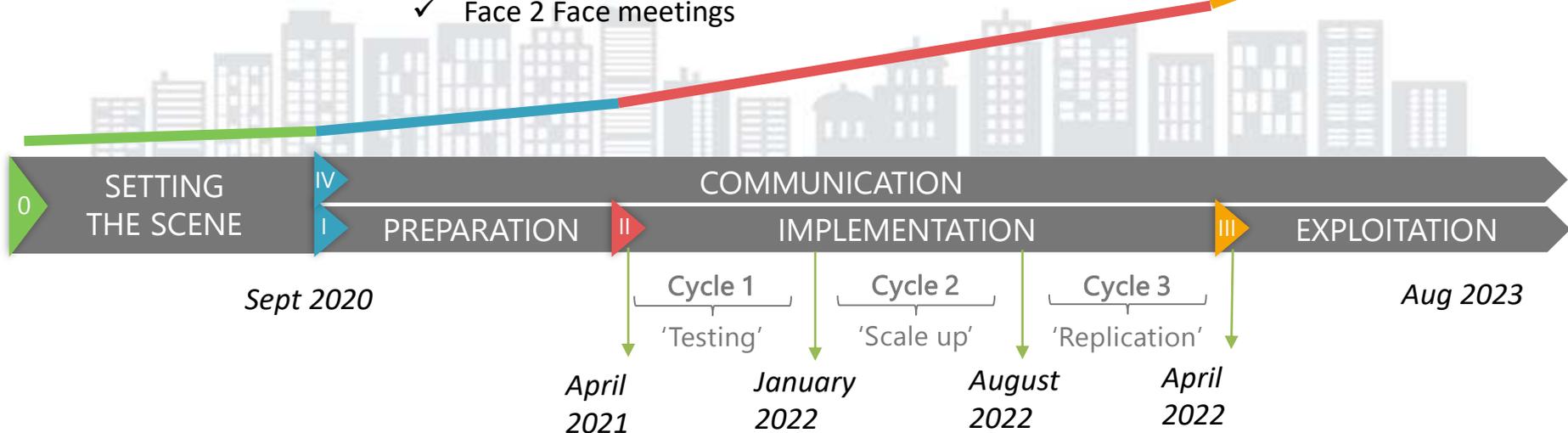
- ✓ Info days
- ✓ Stakeholders
- Liaison Groups

Energy Poverty Guidebook

EU policy recommendations and national roadmaps

The POWERPOOR Alliance

Replication of the results





Identify energy poor citizens using a data-driven approach that facilitates the identification of energy poor citizens, communities, neighborhoods or districts

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## Module 1 ENPOV



Empower energy poor citizens to understand their energy use, the benefits associated from implementing energy efficiency interventions and from installing renewable energy

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## Module 2 ACTIONS



Communicate innovative financing opportunities to address energy poverty and engage citizens

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## Module 3 FUND



An Energy Poverty Guidebook for Energy Planning for incorporating energy poverty mitigation actions in Sustainable Energy and Climate Action Plans (SECAPS)

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## Module 4 PLAN

The toolkit can be utilised by citizens suffering from energy poverty, public and national authorities, energy communities or cooperatives, experts in the field, or other stakeholders





In each pilot country, households and citizens suffering from energy poverty will be identified, leveraging the knowledge of the local partners and using **POWER-TARGET**.



Energy support programmes will be developed by a certified network of **Energy Supporters**, who will provide to citizens suffering from energy poverty:



(a) Tips and information (behavioural changes or small-scale interventions) by also leveraging the **POWER-ACT** tool, and,

(b) Information on how to take part in innovative financing schemes such as energy communities or cooperatives, and crowdfunding campaigns, to fund interventions that can eliminate the phenomenon also by using **POWER-FUND**.



**Local Energy Poverty alleviation offices** will be developed in the participating municipalities, run by a certified network of **Energy Community Mentors**

*Energy Supporters will directly engage energy poor citizens and assist them to plan, secure funding and implement energy efficiency interventions.*

*Energy Communities Mentors will provide support and expertise in all the key areas associated to the operation and/or creation of an energy community / cooperative, comprised of energy poor citizens.*



- ✓ **Group training seminars** and **a series of webinars** will be organised in the 8 pilot countries (Bulgaria, Croatia, Estonia, Greece, Hungary, Latvia, Portugal and Spain) so that interested individuals can become **Energy Supporters and/or Energy Communities Mentors**.
- ✓ Through **face-to-face (F2F) tailor-made training seminars**, the local project partners will also train representatives from cities and regions, members of energy communities/cooperatives and other organisations of social services, facilitating them to establish Local Energy Poverty Offices that can operate as focal points on energy poverty.

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*Interested individuals may comprise of public authorities (employees of local and regional authorities), members of existing communities/cooperatives, social workers, local consultants, professionals and entrepreneurs in the field of sustainable energy, health practitioners, university graduates and young scientists.*



- ✓ A total of **1.100 Energy Supporters and Energy Community Mentors** who will be trained and certified.
- ✓ Establishment of **15 Energy Poverty Alleviation offices**.
- ✓ **8 National Roadmaps** in 8 European countries (Bulgaria, Croatia, Greece, Latvia, Estonia, Portugal, Spain) aiming at proposing policies to mitigate the phenomenon.
- ✓ **1 European Roadmap** aiming at alleviating the phenomenon in a European level.
- ✓ Establishment of the **POWERPOOR Alliance** network to support the sustainability of the project results after its completion.

Stay tuned!

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 [www.powerpoor.eu](http://www.powerpoor.eu)

Thank you!

