



Support to energy poverty alleviation from H2020 projects

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Today

- A word about EASME
- Different examples of projects to fight energy poverty
- Focus on EC-2 topic: Mitigating Household Energy Poverty
- Key role of regional and local authorities in this kind of projects
- Additional resources

EASME

Programmes managed:

- Most of COSME (covers activities developed by Enterprise Europe Network)
- LIFE
- European Maritime and Fisheries Fund (EMFF)
- Eco-Innovation (legacy)
- **Horizon 2020**
 - Sections of Industrial Leadership
 - SME Instrument
 - Societal Challenge 5: Climate action, Environment, Resource Efficiency and Raw Materials
 - **Societal Challenge 3: Secure Clean and Efficient Energy – Energy Efficiency call**

Mitigating energy poverty

- In 2017, 8 % of the European Union (EU) population said in an EU-wide survey that they could not afford to heat their home sufficiently
- Projects contribute to practical and structural / policy solutions:
 - ✓ Energy audits and advice
 - ✓ Investment in energy efficiency measures and small scale renewable energy installations
 - ✓ Stakeholder mobilisation & knowledge transfer
 - ✓ Awareness-raising
 - ✓ Concrete policy recommendations

SMART-UP (Vulnerable consumer empowerment in a Smart Meter world)

- **Dates:** 2015-2018
- **Aim:** Encourage the active use of Smart Meters and In-House Displays by vulnerable customers to manage their energy consumption
- **Countries:** FR, UK, ES, IT, MT
- **Key actions:**
 - ✓ Train **social workers and other frontline staff** on low cost energy efficiency measures to fight energy poverty
 - ✓ Advise and empower 5,000 vulnerable households to change their energy behaviour to become more energy efficient, reduce their energy bills and improve their living conditions. This also included energy audits.
- **Website:** <https://www.smartup-project.eu>

SCORE (Supporting consumer co-ownership in renewable energies)

- **Dates:** 2018 - 2021
- **Aim:** Implement innovative prosumer RE investments for energy poor households
- **Countries:** DE, CZ, PL, IT, BG
- **Key actions:**
 - ✓ Help energy poor households become prosumers through 'Consumer Stock Ownership Plans' in three pilots
 - ✓ Conduct larger scale capacity building programme for local authorities and stakeholders
 - ✓ Launch open, interactive online RE prosumer investment calculator
- **Website:** <https://www.score-h2020.eu/>

ENERSHIFT

- **Dates:** 2016 - 2019
- **Aim:** improve the quality of Social Housing Buildings through retrofitting
- **Countries:** IT
- **Key actions:**
 - ✓ Implementation of energy retrofitting interventions for € 15 mil. thanks to the use of innovative financial schemes such as E.P.C. model
 - ✓ Beneficiaries: Over 3000 families living in 76 SHO's buildings, located in 14 municipalities of Liguria
- **Website:** <https://enershift.eu/en/il-progetto/>

COMBI (Calculating & Operationalising Multiple Benefits of EE in Europe)



- **Dates:** 2015-2018
- **Aim:** Quantification of multiple impacts of energy efficiency
 - ✓ Air pollution
 - ✓ Resources
 - ✓ Social welfare/productivity
 - ✓ Economy
 - ✓ Energy system
- **Countries:** DE, HU, UK, DK, BE
- **Key actions on energy poverty:**
 - ✓ Estimate energy poverty-related public health impacts of EE measures in residential buildings

Website: <https://combi-project.eu/>

Mitigating household energy poverty (LC-SC3-EC-2)

PROPOSED ACTIONS

Contribute to actively alleviating energy poverty

Build on existing initiatives

Improve understanding of types and needs of energy poor households and ways to identify them

POSSIBLE PATHS (ONE OR MORE)

Behaviour change and low-cost measures

Support the set-up of financial and non-financial support schemes

Innovative schemes for energy efficiency/RE investments established by Obligated Parties under Article 7 EED

PRACTICAL INFORMATION

Deadline: 3 September in 2019

Total budget available: 7.5 million €

CSA (100%)

Role of local and regional authorities

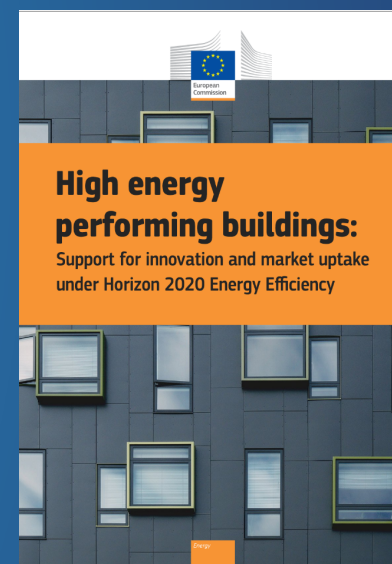
- **Identification of energy poor households:** need to access data
- **Impact:** the involvement of social actors can contribute to increase trust and acceptance of interventions. Local and regional authorities can help to increase their impact
- **Sustainability of the action:** involvement of local/regional authorities can ensure continuity and longer lasting effect
- **Cross-sectoral coordination:** cooperation within local, regional and national authorities between different departments (social policy, health, housing, etc)

Building renovation

- High energy performing buildings: Support for innovation and market uptake under Horizon 2020 energy efficiency

<https://tinyurl.com/y9686hc7>

The results developed by these projects address key challenges at each stage of the value chain for new nearly zero-energy buildings, deep renovation of existing buildings, and energy-smart buildings.



Collective Action

- **REScoop PLUS:** support renewable energy cooperatives in Europe to take up energy saving programmes for their members
- **CLEAR 2.0:** actively guide consumers through all the stages leading to the purchase of domestic renewable and low-carbon energy technologies
- **REScoop MECISE:** mobilizing citizens and municipalities to invest in a more sustainable and decentralised energy system





EASME

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Thank you for your attention

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Other relevant projects

- *ASSIST* : <https://www.assist2gether.eu>
- *STEP-IN*: <https://www.step-in-project.eu/>
- *REACH*: <http://reach-energy.eu/>
- *FIESTA*: <http://www.fiesta-audit.eu/en/>
- *Transition Zero*: <http://transition-zero.eu/>
- *TRIME*: <http://www.trime-eu.org>
- *SAVES2*: <https://saves.nus.org.uk>

Additional information on funding

- EC-2: Mitigating household energy poverty

<https://tinyurl.com/yawb75ck>

- EC-1: The role of consumers in changing the market through informed decision and collective actions

<https://tinyurl.com/ybdhk9tu>

- EE-2: Integrated home renovation services

<https://tinyurl.com/ydc8c5rk>

- EE-16: Supporting public authorities to implement the Energy Union

<https://tinyurl.com/ybol5fnu>

- EE-11: Aggregation- Project Development Assistance

<https://tinyurl.com/ybcbuoub>