



ALLEVIATING ENERGY POVERTY USEFUL RESOURCES

In the 2030 framework of the Covenant of Mayors in Europe, alongside with taking action on mitigating climate change and adapting to its impacts, signatories commit to providing access to secure, sustainable and affordable energy to all their citizens. In the European context, this means taking action to alleviate energy poverty. 'Alleviating energy poverty: Useful resources' gathers information on projects funded by the European Union. Next to these, the publication includes information about energy monitoring tools, guidance materials, recommendations on how to involve citizens in energy poverty projects, how to finance your projects and various policy materials.



Covenant of Mayors
for Climate & Energy
EUROPE

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Get inspired on HOW TO INVOLVE YOUR CITIZENS IN ENERGY POVERTY PROJECTS



For more information
please visit the website:
→ [SAVES2 project](#)



2017 – 2020



London (United Kingdom)

[Energy-saving advice when living in halls](#)

[Energy-saving advice when living in rented houses/flats](#)

The SAVES2 website provides concrete recommendations on simple ways to save energy and reduce your environmental footprint, when living in halls or in houses/flats.



For more information
please visit the website:
→ [LEMON project](#)



2019



Emilia-Romagna Region, Modena, Parma and Bologna (Italy)

[Manuals and trainings for tenants – a guide to responsible energy management](#)

The LEMON project guide was prepared to advise tenants on energy consumption and how to decrease their environmental footprint, save money and become responsible consumers.

[Energy performance tenancy agreement](#)

This document was prepared under the LEMON project and it showcases the renting fee calculation for the Emilia-Romagna Region based on the new parameters for determining the rental rates of public residential houses.



For more information
please visit the website:
→ [REACH project](#)



Plovdiv (Bulgaria), Sisačko-moslavačka county (Croatia),
Skopje (Republic of North Macedonia), Zasavje and Pomurje (Slovenia)



2016

[Tips for water and energy saving measures in energy poor households](#)

These tips from the REACH project focus on providing recommendations for households on energy saving measures by implementing LED lighting, draft proofing measures, heat reflective panels and tap aerators.

[What do you pay for in your energy bill?](#)

The infographic produced during the REACH project helps citizens in EU Member States understand and compare what is included in their energy bills.



2015

[Energy consumption Guidebook](#)

[Bulgarian](#) | [Croatian](#) | [Macedonian](#) | [Slovenian](#)

The aim of this Guidebook is to advise households how to lower their energy consumption in four different European countries.

Get inspired on HOW TO INVOLVE YOUR CITIZENS IN ENERGY POVERTY PROJECTS



For more information
please visit the website:
→ [Smart-up project](#)



2015 – 2018

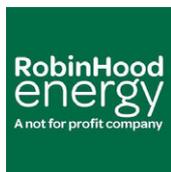


Valbonne (France), **Newcastle** (United Kingdom),
Barcelona (Spain), **Mosta** (Malta), **Rome** (Italy)

[Smart-Up Energy Diary](#)

[United Kingdom](#) | [Spain](#) | [Malta](#) | [Italy](#) | [France](#)

The Energy Diary was developed to help consumers track their weekly/monthly electricity and gas costs over time, manage their budgets, reduce energy costs and to understand how to use the smart meter.



For more information
please visit the website:
→ [RobinHood energy](#)



2019



Nottingham (United Kingdom)

[RobinHood energy](#)

RobinHood is a non-profit organization launched by Nottingham City Council with the aim to make energy more affordable for all its citizens. On their website you will find practical tips on how to save energy in your household and business environment.



For more information
please visit the website:
→ [Stromspar-check.de](#)



2019



Germany

[The Stromspar-check project](#)

Through the Stromspar-check system, households and families can participate in a power-saving check if they are receiving unemployment benefit, social assistance, housing allowance, receiving a low pension or child supplement. Energy advisors provide power consumption checks, followed with free instant assistance such as energy-saving and LED lights, switchable power strips, TV standby shutters, timers. Households receive an individual energy-saving timetable and qualified tips on how to further reduce their electricity consumption with simple means.



For more information
watch the YouTube
video about the:
→ [Papillon Project](#)



2019



West Flanders (Belgium)

[Papillon project](#)

The aim of the Papillon project is to lease energy efficient household appliances. For example there is a strong focus on community development in West Flanders where 100 household appliances are rented out to people with energy debts and old energy-wasting appliances in the house.

Get inspired on HOW TO INVOLVE YOUR CITIZENS IN ENERGY POVERTY PROJECTS



For more information
please visit the website:
→ [Zoonige Kempen
project](#)



2019



Westerlo (Belgium)

[Zoonige Kempen](#)

Zoonige Kempen is the youngest social housing company under the umbrella of the VMSW (Flemish Society for Social Living) established in 1963. By focusing on sustainability, Zoonige Kempen creates clear added value, both for the tenant (who receives a comfortable home with a low energy bill) and for the community (by using fewer natural resources and emitting fewer harmful substances).



FIESTA

For more information
please visit the website:
→ [FIESTA project](#)



2014 – 2017



Zaragoza, Pamplona and Logrono (Spain),
Forlì, Ravenna and Trieste (Italy),
Pula, Rijeka and Zadar (Croatia),
Burgas, Pazardjik and Vratsa (Bulgaria),
Larnaka and Limassol (Cyprus)

[Energy Efficiency Guidebook](#)

The FIESTA Energy Efficiency Guidebook gives an overview for families on how much energy they could save and how easily this could be done. By simply adjusting some habits and changing behaviour patterns in their everyday lives, families will be able to improve their awareness of the energy implications of their actions and find new ways to get a better control of their energy use.

Want to
learn more?

Check the EU Energy Poverty Observatory page
on [Training Resources](#)

EU
ENERGY POVERTY
Observatory



Get inspired on HOW TO FINANCE YOUR ENERGY POVERTY PROJECTS



For more information
please visit the website:
→ [Assist2gether project](#)

 2017 – 2020

 **Rome and Milan** (Italy), **Barcelona and Alginet** (Spain),
Higham (United Kingdom), **Warsaw** (Poland),
Brussels, Mol and Melle (Belgium), **Helsinki** (Finland)

[Best practice guide on financial measures](#)

This document intends to report the financial measures in Italy, Spain, United Kingdom, Poland, Belgium and Finland to support vulnerable consumers or consumers in energy poverty.

→ [Online database](#) from the Assist2gether project.

Transition Zero

For more information
please visit the website:
→ [Transition Zero project](#)

 2018

 **The Netherlands, France, Milton Keynes** (United Kingdom)

[Report on structural finance products for social housing in the United Kingdom and France](#)

The aim of this document is to help to design business and financing models/ products in the United Kingdom and French markets for social housing.



For more information
please visit the website:
→ [EnerShift project](#)

 2016 – 2020

 **Liguria region** (Italy)

[ENERSHIFT](#)

The project ENERSHIFT uses innovative financing models to promote the energy refurbishment of public housing in Liguria region (Italy).

SCORE

Co-own. Prosume. Renew.

For more information
please visit the website:
→ [Score project](#)

 2018 – 2021

 **Susa Valley** (Italy), **Słupsk** (Poland),
Litoměřice (Czech Republic)

[SCORE](#)

The project aims to facilitate actions for consumers to become prosumers of renewable energy, starting in 3 pilot municipalities ([Italy](#), [Poland](#), [Czech Republic](#)), with a view to scaling up the results to 20 more cities. It applies an innovative approach, involving [Consumer Stock Ownership Plans \(CSOPs\)](#) which utilize established best practices modernized by inclusive financing techniques, where possible combining these with ongoing measures such as building refurbishment.

Get inspired on HOW TO FINANCE YOUR ENERGY POVERTY PROJECTS



For more information
please visit the website:
→ [BPIE report page](#)

 2014  EU-wide

[Alleviating fuel poverty in the EU - Report](#)

This report has been published by BPIE (Buildings Performance Institute Europe). The data for this publication originates from [Eurostat](#) and it focuses on the current situation of fuel poverty in Europe and how to alleviate it. One of the main outcomes of this report is that energy subsidies and direct financial support for household heating cannot provide a long-term solution to the fuel-poverty problem in Europe. However, vigorous energy-renovation measures of fuel poor homes can give a long-term answer to fuel poverty.



For more information
please visit the website:
→ [REScoop MECISE project](#)

 2019  **Ecopower and Courant d'Air** (Belgium),
Enercoop (France), **Energy4all** (United Kingdom),
Som Energia (Spain)

[REScoop MECISE](#)

To unlock the energy saving potential from energy renovations the REScoop MECISE (Mobilizing European Citizens to Invest in Sustainable Energy) project brings together 5 renewable energy cooperatives (REScoops). The objective of REScoop MECISE is to develop innovative approaches to launch concrete investments by European citizens and local authorities into renewable energy and energy efficiency projects.



For more information
please visit the website:
→ [eCentral project](#)

 2017 – 2021  **Zagreb** (Croatia), **Velenje** (Slovenia), **Budapest** (Hungary),
Sveta Nedelja (Croatia), **Graz** (Austria), **Bolzano** (Italy)

[eCentral – Energy efficient public buildings in Central Europe](#)

Poor energy performance of public buildings is becoming a growing financial issue for central European countries. To tackle this issue eCentral supports key stakeholders in better understanding the benefits of Nearly Zero Energy Building (nZEB).

The project aims to use the lessons learnt from previous and ongoing EU projects to develop an energy performance certificate platform for public authorities for deployment and promotion of innovative financing schemes but also serving as a foundation for conducting future nZEB projects.



For more information
please visit the website:
→ [ICCARus project](#)

 2018 – 2021  **Ghent** (Belgium)

[ICCARus \(Gent knap op\) – Improving housing Conditions for Captive Residents in Ghent](#)

The ICCARus project focuses on the renovation of 100 houses of captive residents in Ghent. An innovative financial instrument will be used to make renovation possible for this low income target group. A special focus will be given to the captive residents before, during and after the renovation with direct technical, financial and administrative support. The aim of the ICCARus project is to improve the energy performance in these neighborhoods while simultaneously improving community and social cohesion between the residents.

Get inspired on HOW TO FINANCE YOUR ENERGY POVERTY PROJECTS



**stroom
versnelling**

For more information
please visit the website:
→ [E=O project](#)



2016 – 2019



The Hague (the Netherlands), **Bettembourg** (Luxembourg), **Villeneuve D'Asq** and **Paris** (France), **Darford**, **Milton Keynes** and **Nottingham** (United Kingdom)

[E=O, creating a mass market for net zero energy retrofits in North-West Europe](#)

The aim of the E=O project is to address poor energy performance of residential buildings by generating a new market for net zero energy retrofits across the North-West-Europe (NWE) zone. Current retrofit measures are not integrated well to deliver whole-house warranted performance. Following a successful project by [Energiesprong](#) in The Netherlands the E=O project has been developed to deliver net zero energy (E=0) retrofits with a 30+ years performance warranty.



For more information
please visit the website:
→ [Aster project](#)



2019



Antwerp (Belgium)

[Aster – Access to sustainability for tenants through energy effective retrofit](#)

Aster is an initiative of the VWH the Association of Flemish Social Housing companies. The project is focusing on finance and investments in social housing stocks. The aim is to reduce energy usage, provide access to renewable energy and therefore help to alleviate energy poverty for the lowest income groups.

**Energie
Sprong**

For more information
please visit the website:
→ [Energiesprong project](#)



2019



Antwerp (Belgium)

[Energiesprong](#)

Energiesprong is a whole house refurbishment and new built standard and funding approach. The project started in the Netherlands as a government-funded innovation programme and has set a new standard in this market. The aim of Energiesprong team is to scale this approach to other markets such as France, United Kingdom, Germany and Northern Italy. This innovative approach inspired other initiatives to develop similar solutions in New York State and California.

**Schneider
Electric**

For more information
please visit the website:
→ [Schneider Electric](#)



2018



The Netherlands, France, United Kingdom, Germany, Italy, Île-de-France (France)

[Overcoming energy poverty in Europe – The need to act at all levels](#)

[Concrete actions and financing, innovation and advocacy](#)

The aim of this White Paper published by Schneider Electric is to outline some of the major issues when it comes to energy poverty in Europe, and provide recommendations on financing, new business models and advocacy.

Want to
learn more?

Check the EU Energy Poverty Observatory page on [Financing & Funding](#)

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Policy materials addressing ENERGY POVERTY AND VULNERABLE CONSUMERS



Calculating and Operationalising
the Multiple Benefits of
Energy Efficiency in Europe

For more information
please visit the website:
→ [COMBI project](#)



2017



Wuppertal (Germany), **Antwerp** (Belgium),
Manchester (United Kingdom), **Copenhagen** (Denmark),
Budapest (Hungary)

[Multiple impacts of energy efficiency in policy-making and evaluation](#)

The aim of the COMBI project is to provide a comprehensive overview of the existing non-energy benefits of energy efficiency in Europe for policy-makers, evaluators and the interested public and make research findings accessible.



For more information
please visit the website:
→ [REACH project](#)



2016 - 2017



Plovdiv (Bulgaria), **Sisačko-moslavačka county** (Croatia),
Skopje (Republic of North Macedonia),
Zasavje (Slovenia), **Pomurje** (Slovenia)

[Energy poverty in South-East Europe: challenges and possible solutions](#)

The aim of this document is to provide policy recommendations on energy poverty in South-East Europe regions. Focusing on defining energy poverty, accurate indicators and a detailed monitoring framework.

National Policy recommendations for: [Bulgaria](#) (English), [Croatia](#), [Slovenia](#), [Macedonia](#)



For more information
please visit the website:
→ [Transition Zero project](#)



2018



The Netherlands, France, Milton Keynes (United Kingdom)

[Recommendations for decision makers on Net Zero Energy refurbishments](#)

The aim of this document is to provide recommendations for decision makers of necessary or desirable changes to the regulatory framework. It covers recommendations for decision makers in France, the United Kingdom and at the EU level.



For more information
please visit the website:
→ [Assist2gether project](#)



2017



Rome and Milan (Italy), **Barcelona and Alginet** (Spain),
Higham (United Kingdom), **Warsaw** (Poland),
Brussels, Mol and Melle (Belgium), **Helsinki** (Finland)

[European market survey on vulnerable consumer needs](#)

The aim of this report is to explore the perception, needs and expectations of vulnerable consumers / energy poor in relation to energy efficiency. Surveys of both consumers and stakeholders were carried out in Belgium, Finland, Italy, Poland, Spain, United Kingdom.

[Vulnerable Consumers and Fuel Poverty Report](#)

The aim of this report is to both gain a more in-depth understanding of vulnerable consumers and energy poverty as a problem in the European society and of the possible solutions to tackle it.

Want to
learn more?

Check the EU Energy Poverty Observatory page
on [Guidance for Policymakers](#)

EU
ENERGY POVERTY
Observatory



Energy monitoring tools FOR HOUSEHOLDS & BUSINESSES



Learning to give. Measuring energy use

Lessons and learning materials on how electricity is created, used, measured, and conserved.

Link to the learning materials: → [paper-based](#)



REACH – Reduce energy use and change habits

The data collection sheet produced by the REACH project helps you track your annual energy consumption.

Link to the tool: → [paper-based](#)



Mure Database Visualisation

Visualise energy efficiency policies and measures that have been carried out in EU Members States.

Link to the tool: → [online / computer](#)



Sust-It. Simply efficient shopping

A simple tool to calculate the energy efficiency of your household appliances.

Link to the tool: → [online / computer](#)



Recycling Centers calculators

Carbon footprint calculator, Business energy analyzer, Home energy saver tools – the following list of calculators will help you estimate the amount of greenhouse gases you release into the environment, your energy use in your businesses and identify the best ways to save energy in your home.

Link to the tools: → [online / computer](#)



Energy Saving Trust. Energy saving quick wins

Quick tips how to save energy in your household.

Link to the tool: → [online / computer](#)



Dr. Watt by REScoop Plus

The aim of the tool is to develop the awareness of people on the importance of saving energy and specifically electricity.

Link to the tool: → [online / computer](#)

Energy monitoring tools FOR HOUSEHOLDS & BUSINESSES



Energy Consumption Analyzer app

This application keeps track of your energy consumption. Add your meters for gas, electricity, or water to the database and record the current meter readings from time to time.

Link to the tool: → [app for mobile phones](#)



Smart Meters app

The application allows you to keep statistics for meter readings of water, electricity, gas and any other, to monitor and analyze the dynamics of the expenditure of the meters.

Link to the tool: → [app for mobile phones](#)



Electricity Meter app

This application allows you to measure the instantaneous power (kW) of your home and produce a graphic display of the performance of the power consumption.

Link to the tool: → [app for mobile phones](#)

Want to
learn more?

Check the EU Energy Poverty
[Observatory page](#)

EU
ENERGY POVERTY
Observatory

