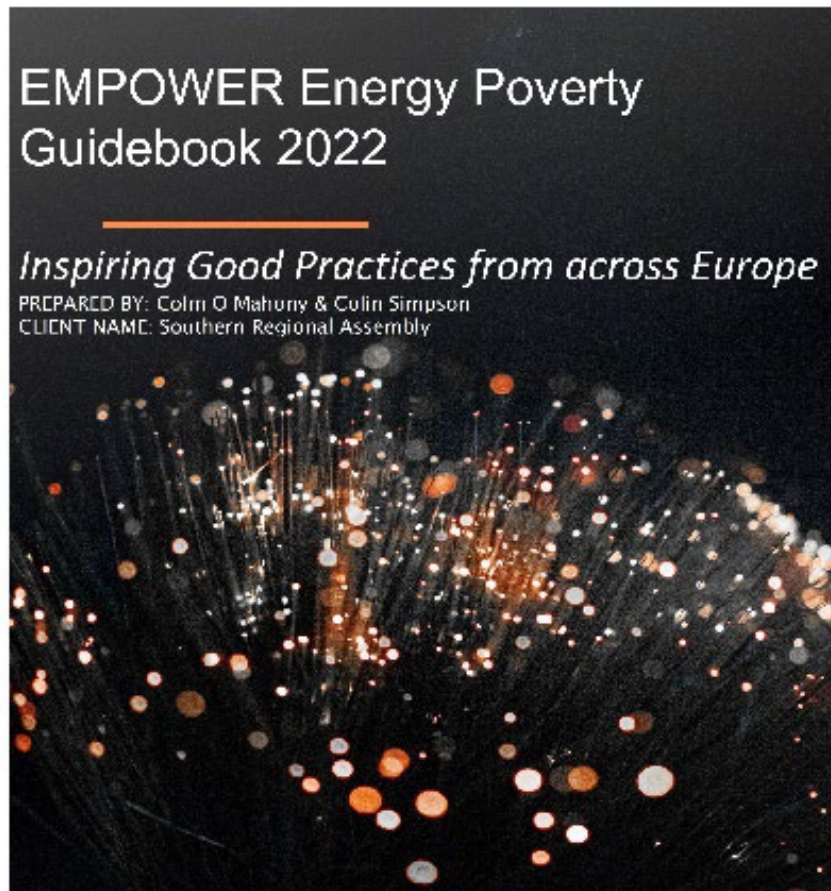




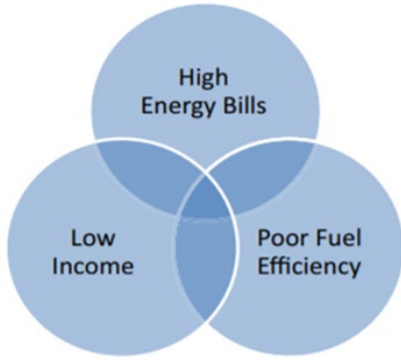
EMPOWER Energy Poverty Guidebook 2022



'According to the EU Energy Poverty Observatory (EPOV, 2020), energy poverty affects almost 50 million people within the European Union, and on average 7.3% of the EU population reported that they were unable to keep their homes adequately warm, and on average 6.6% of the EU Population were unable to pay their utility bills on time due to financial difficulties in 2018.' **EMPOWER Energy Poverty Guidebook 2022.**

The [Southern Regional Assembly](#) in conjunction with [3CEA](#) soon to be South East Energy Agency through the [Interreg Europe EMPOWER project](#) are launching an Energy Poverty Guidebook 2022.

The cost of energy is increasing all around the EU and with many households struggling to pay their increasing utility bills, energy poverty is on the rise. The Guidebook outlines how Energy Poverty is a real cause for concern in Ireland and Europe, how it is impacting households but also what can be done to ease the strain on householders.



In March 2022, 3CEA and the Southern Regional Assembly hosted an Energy Poverty Workshop which invited 9 stakeholders to relay their good practices on how Ireland and other European Countries are trying to assist in alleviating energy poverty by looking at alternative ways to heat and cool homes. These 9 stakeholders were chosen from over 50 case studies as the most capable of creating real impact on Energy Poverty throughout Europe.



The stakeholders' good practices are included in the guidebook showing how Energy Poverty is being tackled throughout Ireland and Europe. The guidebook gives a comprehensive look into these 9 good practices from Ireland, Italy, Spain, Slovenia, and Poland. Full Guidebook Available at: <http://www.southernassembly.ie/eu-projects/EMPOWER>

ACT4ECO is the brainchild of UCC and the Danish Board of Technology. This good practice aims to empower householders and citizens by helping them make informed sustainable energy choices through the free ACT4ECO E-learning online platform.

Website <https://act4eco.eu/>



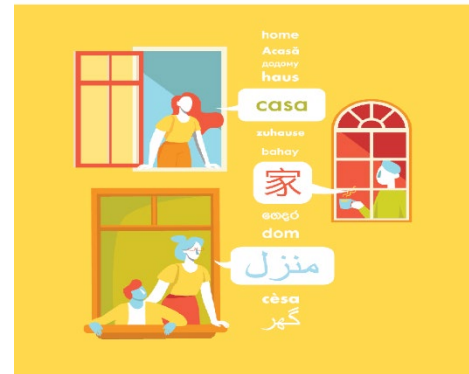
Build Upon2 is an Energy Renovation Framework run by Department of Housing, Local Government & Heritage with Dublin and Cork County Council as project leads to support municipalities in measuring the impact of their energy renovation programmes, through 13 core indicators covering environmental, social, and economic aspects. Various versions of the Framework are now in use in the eight countries involved in the project.

Website: <https://www.worldgbc.org/build-upon>

Casa SpA from our project partner in Italy is a behavioural change programme, with the aim of building better relationships between tenants, while raising awareness on energy efficiency to reduce consumption of social housing tenants who may be living in or experiencing energy poverty.



**MANUALE PER L'ABITARE
CONSAPEVOLE DI CASE,
EDIFICI E CITTÀ.**
Educazione alla cittadinanza e all'abitare



EnergyCloud is a project in Ireland to curb wind energy wastage. The main objective of EnergyCloud is to redirect excess wind energy into houses that are deemed to be living in energy poverty and to reduce wind energy wastage. The simplicity of the approach to this project is that it can utilise existing infrastructure in the home, such as the hot water tank, to receive surplus renewable energy at times when it is not needed on the energy grid.

Website: <http://www.energycloud.org>



A Worthy Winter is a campaign from our project partner in Spain to reduce the risk of fuel poverty by supporting biomass boilers at local level by

reducing energy consumption and other energy cost in social housing. They are rolling this out by remove old coal burner boilers and replacing them with the biomass boilers. It includes a centralized control system to ensure the boilers run efficiently.



Energia su Misura in Italy aims to support vulnerable families living in social housing owned by the local governments, reduce energy costs and through reading energy bills and the installation of smart devices connected to electrical appliances and a central electricity meter. **Website:** <http://www.youtube.com/watch?v=gDUTHLNvZAw>

Citizen Energy Advice is a project from our partners at ENERGAP in Slovenia that offers advice on how to save energy, energy-efficient construction or renovation of residential buildings, restoration of heating systems, investments in heating systems, installations or the replacement of joinery, installation of wood biomass central heating combustion plants, installation of solar heated systems and purchases of economical white goods.

Website: <http://www.energap.si/>



Smart Invent by our partners at Mazovia Energy Agency in Poland is a project to help municipalities implement the energy efficiency activities. The system works on the basis of web application surveys, main database with the ability to process generate reports and manage the system and a mobile application.

Website: <https://powietrze.mae.com.pl/air/>

Retrokit is a company based in Ireland have designed a software platform that helps housing professionals make evidence-based investment decisions for their energy upgrade projects. It supports Local Authorities, building contractors, engineers, and One Stop Shops with integrated planning, decision-making, and project prioritisation by using BER datasets.



Website: <https://retrokit.eu/>

EMPOWER is a five-year, inter-regional project which commenced January 2017. The project aims to reduce carbon output by dynamically monitoring energy efficiency in buildings, with a special focus on innovative methods of financing. Consisting of 9-partners: from Ireland, Slovenia, Portugal, Italy, France, Sweden, Poland, Germany, and Spain. The project was approved for a grant of € 1.90 m by the Interreg Europe Programme, through the European Regional Development Fund.

For more about the EMPOWER project you can read here www.interregeurope.eu/empower or <https://www.southernassembly.ie/eu-programmes/eu-projects> or follow us on Twitter <https://twitter.com/interregempower> and Facebook <https://www.facebook.com/Empower0/>

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