

RESPONSE

IntegRatEd Solutions for POsitive eNergy and reSILient CitiEs



Key Facts



Funding Agency
EU HORIZON 2020



Project Call
H2020-LC-SC3-2018-
2019-2020



Duration
10/2020 - 09/2025



Coordinator
EIFER



Partners



Website
<https://h2020response.eu/>

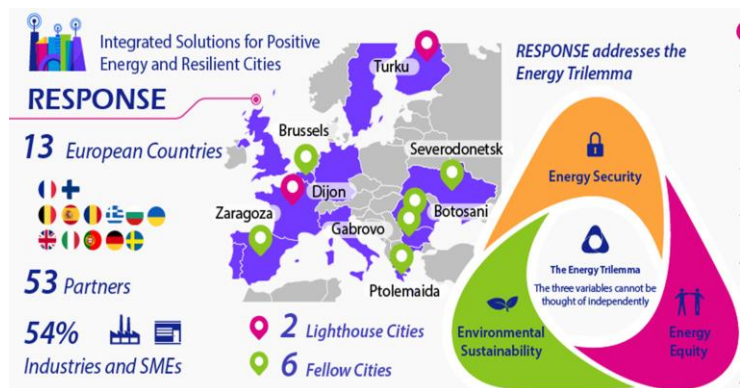


This project has received funding from the European Union's Horizon 2020 research and innovation programme under Grant Agreement n° 957751. The document represents the view of the author only and is his/her sole responsibility; it cannot be considered to reflect the views of the European Commission and/or the Innovation and Networks Executive Agency (INEA). The European Commission and the Agency do not accept responsibility for the use that may be made of the information it contains.

Project Objectives

One of the largest energy consumers responsible for 40% of the energy consumed and 36% of CO₂ emissions in the EU8 is the building stock. Up to 75-85% of EU buildings are considered as energy inefficient (≈30 billion m²), however they will continue to be utilized till at least 2050 rendering renovation crucial. RESPONSE aims to turn energy sustainability into a double vision by solving the energy trilemma (security, equity/affordability, environmental sustainability) at building, block and district levels in smart cities. To this aim, RESPONSE builds upon intelligent integrated and interconnected energy systems coupled with demand-oriented city infrastructures, governance models and services that foster energy sustainability.

The deployment of citizen-centric Positive Energy Districts enabling active citizen participation and empowerment will be an important step to generate a global positive impact on energy sustainability and climate change.



EIFER's Contribution

- EIFER is responsible for the project management and coordination of a consortium of 53 partners and 13 work packages.
- EIFER leads the development of Integrated and Interconnected City Ecosystem Operational Framework (work package 3).

Contact

Monjur Murshed
+49 151 1751 5895
monjur.murshed@eifer.org

EIFER - Europäisches Institut für
Energieforschung EDF-KIT EWIV
Emmy-Noether-Straße 11
76131 Karlsruhe, Germany
www.eifer.org