

PROJECT

DATA CELLAR

Data hub for the Creation of Energy communities at Local Level
and to Advance Research on them

DATA CELLAR aims to create a public energy dataspace that will support the creation, development and management of LECs in EU. DATA CELLAR will implement a collaborative platform providing an interoperable, modular, and secure energy data space capable of delivering access to datasets, Decision Support Tool and Artificial Intelligence (AI) models to serve and support the spread LECs.

zabala
INNOVATION



This project has received funding from the European Union's Horizon 2020 Research And Innovation programme under Grant Agreement N° 101069694

31

PARTNERS

15

COUNTRIES

€9 M

TOTAL BUDGET

42

MONTHS

DATA CELLAR

IN ONE CLICK

Coordinator

RINA-C

Programme

Horizon Europe

Period

2022-2025

Sector

ENERGY

Web

<https://www.datacellarproject.eu/>

01 Challenge

DATA CELLAR aims to create a public energy data space that will support the creation, development and management of Local Energy Communities (LEC) in the EU. The data space population will be facilitated via an innovative rewarded private meeting approach, with a focus on an easy onboarding and interaction, guaranteeing a smooth integration with other EU energy data spaces, providing to LEC stakeholders services and tools for developing their activities.

02 Solution

DATA CELLAR believes that it is now EU citizens turn to drive energy transition, also engaging energy operators, which are needing flexibility solutions for their grids and are studying more and more end user centric energy services. To do so Energy communities are pivotal and innovative services and business models must be developed demonstrated also capitalizing ICT and data science innovations to make clean energy and digital industry EU objectives achievable and interoperable.

03 Impacts

The expected impact, in line with the Strategic Plan, is to contribute to More efficient, clean, sustainable, secure and competitive energy supply through new solutions for smart grids and energy systems based on more performant renewable energy solutions.