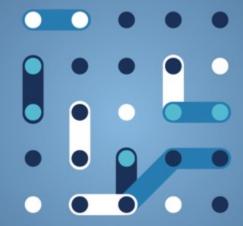


bridge

Cooperation between H2020 and HE projects in the fields of Smart Grids, Energy Storage, Islands and Digitalisation



#bridgeEU



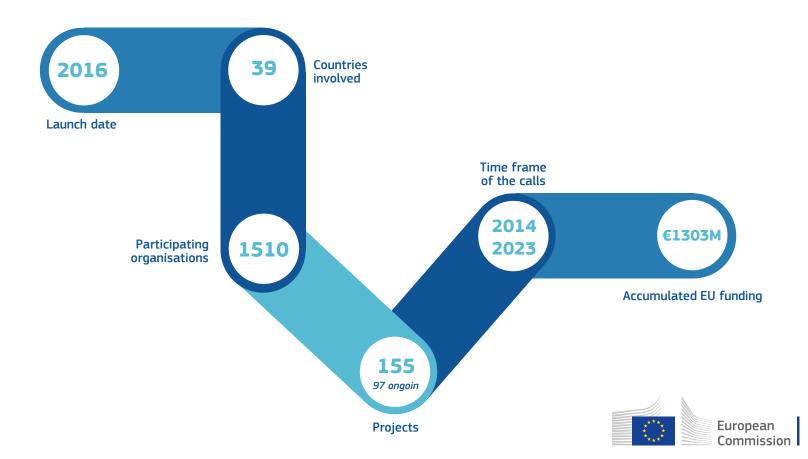
What is BRIDGE

BRIDGE is the European Commission initiative which unites Horizon 2020 and Horizon Europe **Smart Grids**, **Energy Storage**, **Islands**, **and Digitalisation Projects**.

Its objective is to **create a structured view of cross- cutting issues encountered in demonstration projects**,
discuss solutions to overcome obstacles to innovation,
share knowledge and deliver recommendations to facilitate
the energy transition.



BRIDGE in numbers



The areas of BRIDGE project

This cooperation group involves projects in the areas of:



These projects were funded under the Horizon 2020 and Horizon Europe programme over the past 9 years (2014-2023).



Benefits deriving from the participation to BRIDGE

Sharing of best practices and lessons learned

4 Generation of new project ideas

Support for the resolution of challenges

5 Networking with key energy actors

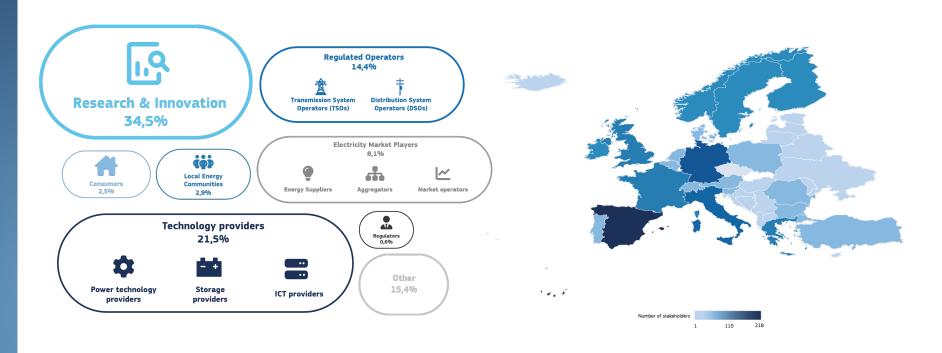
Support in the uptake of results

6 Knowledge sharing



BRIDGE stakeholders

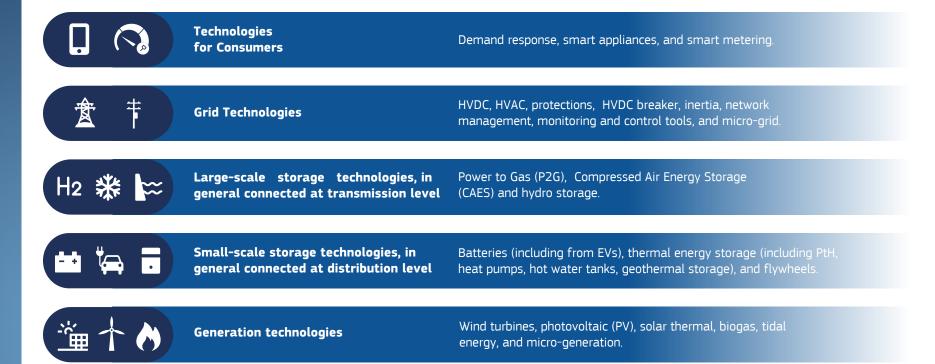
Stakeholders involved in BRIDGE projects





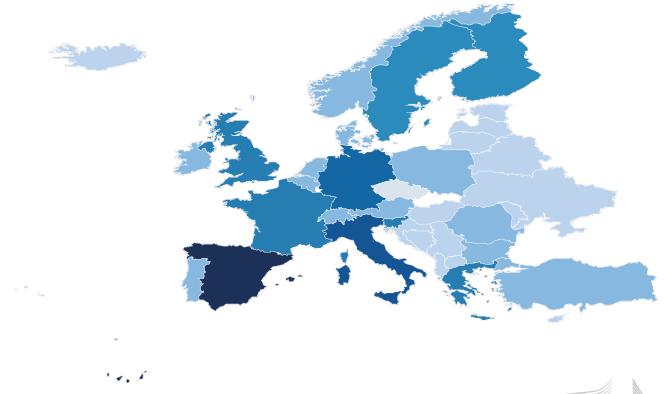
BRIDGE technologies and demostrators

Technologies tackled by BRIDGE projects





Number of demos or pilot sites per country

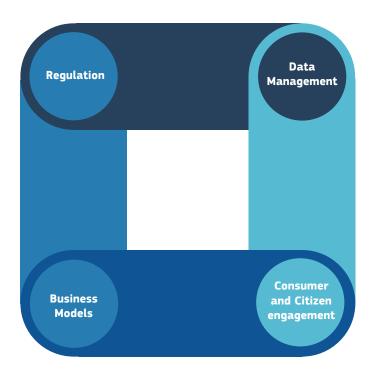




BRIDGE structure

BRIDGE structure overview

BRIDGE enables projects to **share knowledge continuously and speak with a single voice** when delivering conclusions and recommendations for future project result utilization through **four working groups**:





WG Regulation



Improve market access for consumers to value their flexibility



Support system operators to identify necessary innovations in processes and tools for network planning operation



Peer-to-peer and energy sharing



Understanding the regulatory barriers which currently limit the potential of sector coupling/sector integration



Energy and flexibility market coordination and integration



Understanding the regulatory barriers to tackle in support of data spaces

Chair: Helena Gerard (VITO) EU

Latest report: Energy Market Design and Flexibility (May 2023)



WG Data Management



Embracing the technical and non-technical aspects of the **communication infrastructure** needed to exchange data and the related requirements



Cybersecurity and Data Privacy, entailing data integrity, customer privacy and protection



Data Handling, including the framework for data exchange, interoperability and data analytics techniques

Chair: Olivier Genest (TRIALOG)

Latest report: European (energy) data exchange reference architecture 3.0, 2023



WG Consumer and Citizen engagement



Chair: Johanna Höffken (Eindhoven University of Technology)

Latest report: "Exploration of citizen engagement methodologies in European R&I projects", 2023



WG Business Models

\d \% Design of tools to evaluate the benefit of the services and solutions:

- Investigate the tools to capture business ideas and build BM
- Quantification methods for BM benefits



Design of BM to better include data value chain observability

Chairs: Christina Papadimitriou **Co-chair:** Evangelos Koulis

Latest report: *Investigation of relationship of use cases and cross-domain business models. Report on topic 1 (September 2022)*



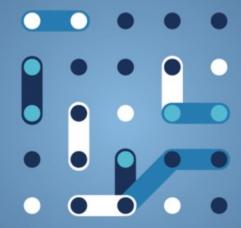
Learn more on our website





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