

BRIDGE is a European Commission initiative which unites Horizon 2020 Smart Grid and Energy Storage Projects to create a structured view of cross-cutting issues which are encountered in the demonstration projects and may constitute an obstacle to innovation.

The BRIDGE process fosters continuous knowledge sharing amongst projects thus allowing them to deliver conclusions and recommendations about the future exploitation of the project results, with a single voice, through four different Working Groups representing the main areas of interest:

Data
management

Business Models

Regulations

Customer
engagement

>> Turn over to find out more about the four BRIDGE working groups >>

What is the added value of BRIDGE ?

>> Participants:

- Benefit from **field experience, feedback** and **lessons learned** by the participating projects when coping with barriers to innovation in the four areas mentioned above
- Shape **collective recommendations** for policy makers with the aim of removing barriers to the deployment of innovation
- All projects speak in a **single voice**, which in turn strengthens their message and **maximizes the impact for policy makers**
- Create **new contacts** for future collaboration with other members of the group

>> Policy makers and regulators:

- Benefit from **coordinated, balanced** and **coherent recommendations** from the participating Research & Innovation projects, with a focus on non-technical issues hindering innovation deployment
- Allows the comparison of non-technical barriers to innovation in **different countries** and the learnings from **the diverse experiences** of the most current and relevant EU-funded projects

Want to find out more about BRIDGE?

>> Keep updated on the BRIDGE outputs and learn more about the projects involved

- Visit the BRIDGE website: www.h2020-bridge.eu

>> Contact

- Contact us via www.h2020-bridge.eu/contact

Aims of the 4 BRIDGE working groups

Data management

- **Communication Infrastructure**, 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 and related roles and responsibilities, together with the technical issues supporting the exchange of data in a secure and interoperable manner, and the data analytics techniques for data processing

EC: Patricia Arsene (DG CNECT), Mariana Stantcheva (INEA)

Chair: Laura Marretta (Enel SpA)

Rapporteur: Markus Taumberger (VTT)

Business Models

- Defining common language and frameworks around business model **description** and **valuation**
- Identifying and evaluating existing and **new or innovative business models** from the project demonstrations or use cases
- The development of a **simulation tool** allowing for the comparison of the **profitability of different business models** applicable to smart grids and energy storage solutions is being developed and tested by the Working Group members

EC: Jean-Marie Bemtgen (DG ENER, Adas Pangois (INEA)

Chairs: Lola Alacreu (Grupo Etra), Leen Peeters (ThInk E)

Rapporteur: Rowena McCappin (Glen Dimplex)

Regulations

- As regards **energy storage**, the regulatory framework needs to provide clear rules and responsibilities concerning ownership, competition, technical modalities and financial conditions, for island and mainland cases
- In terms of **smart grids**, regulatory challenges arise regarding the incentives for demand-side response, commercial arrangements, smart meter data, etc.

EC: Rémy Dénos (DG ENER)

Chair: Takis Ktenidis (TILOS project)

Rapporteurs: Mihai Paun (CRE-Romanian Energy Centre),

Aris Evangelos Dimeas (NTUA)

Customer Engagement

- Customer Segmentation, analysis of **cultural, geographical** and **social** dimensions
- **Value** systems - Understanding Customers
- **Drivers** for Customer **Engagement**
- Effectiveness of Engagement Activities
- Identification of what triggers **behavioral changes** (e.g. via incentives)
- The **Regulatory** Innovation to Empower Consumers

EC: Szilvia Bozsoki (DG ENER)

Chair: Konstantinos J. Chalvatzis (UEA)

Rapporteur: Thomas N. Mikkelsen (VaasaETT)