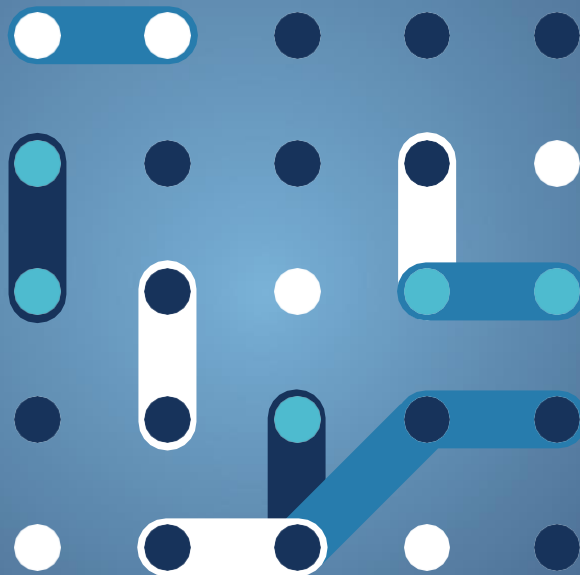




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2022 WORK PLAN

Regulatory WG



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Regulatory WG

October, 2022



WORK GROUP INFORMATION

Bridge WG Chairmanship

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Support from BRIDGE secretariat

- *John Karakitsios, ICCS*
- *Marcos Jareño, Zabala*
- *Niclette Kampata, Zabala*

European Commission

- *Directorate-General for Energy, Unit B5 “Innovation, research, digitalisation, competitiveness” –European Commission CINEA, European Climate, Infrastructure and Environment Executive Agency –European Commission*

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1.1 Introduction

The BRIDGE Regulatory working group was established at the origin of the BRIDGE initiative with the objective of fostering knowledge sharing among H2020 projects affected or addressing by different regulatory aspects in the Energy domain.

The Regulatory WG, as the entire BRIDGE initiative, structures its activities on a yearly basis. In the last years, different topics have been addressed, resulting in most cases on specific reports that can be shared not only within the BRIDGE community, but with a larger audience.

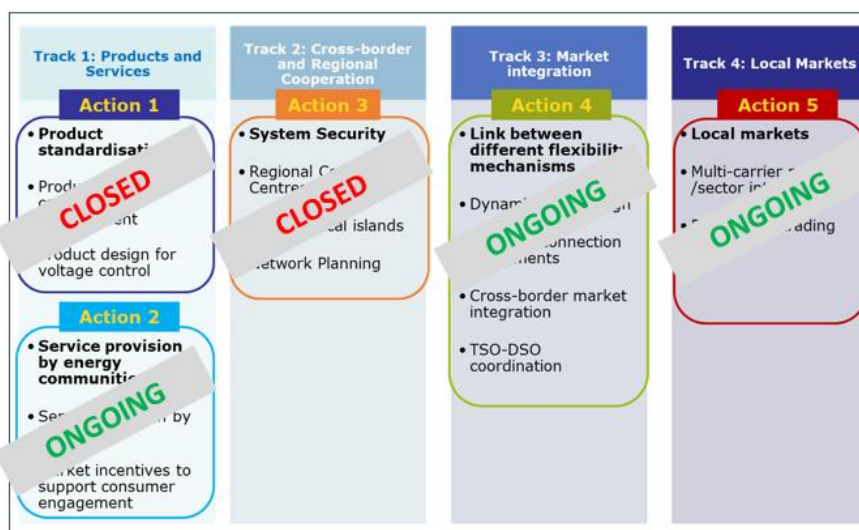
The BRIDGE Regulatory working group is currently composed of +/- 60 projects. It is a live group where projects are joining and leaving as results of the natural evolution of the projects. This “staff rotation” facilitates a dynamic environment for the introduction of new topics of interest. The BRIDGE Regulatory working group will continuously look for synergies with other BRIDGE working groups, and working groups outside BRIDGE (ISGAN, ETIP SNET,...). The BRIDGE Regulatory working group will define the most important regulatory challenges to be addressed, propose best practices from the BRIDGE projects and formulate recommendations for policy makers.

1.2 Key objectives and actions

In 2021, the regulatory working group worked on 4 different tracks, covering in total 5 actions (see figure below). Action 1 and action 3 are considered final and are closed. Action 2,4 and 5 will continue and are integrated in the plan of 2022. The work plan for 2022 is based on the feedback of the projects involved in the working group, collected via a survey carried out this year. Projects were asked to indicate their interest/priority topics/proposals for new topics. Based on the outcome of the survey and the next steps defined in the report of 2021, the work plan for 2022 has been defined and presented to the working group partners.

The objectives of 2021:

1. Harmonize **products and services** for system management, including the role of energy communities as service provider.
2. Support **cross-border** and **regional cooperation**.
3. Facilitate **integration** of explicit and implicit **flexibility mechanisms**.
4. Strengthen **coordinated flexibility markets** for system services, with a focus on smart design of local markets



The work plan 2022 has following objectives, translated into 4 actions:



1. **Action 1:** Improve **market access** for consumers to value their flexibility [Continuation of Action 5 (2021)]
2. **Action 2:** Examine options for service provision by **energy communities** [Continuation of Action 2 (2021)]
3. **Action 3:** Facilitate flexibility market **coordination** and **integration** [Continuation of Action 4 (2021)]
4. **Action 4:** Support the potential synergies coming from **increased sector coupling/sector integration/system integration** [New action]

In addition to these four tracks, several knowledge sharings will be organized. A knowledge sharing is a session of 1 hour where 2 or 3 projects present specific findings or insights for the entire BRIDGE community. On average, one session per month will be organized.

The BRIDGE Regulatory working group will also provide input in terms of best practices to the ongoing process of the modification of existing Network Codes (NC)/ or the set-up of a novel NC for Flexibility. This interaction between the BRIDGE Regulatory working group and the different relevant stakeholders for the NC-process (EC, ACER, ENTSO-E, EU DSO,...) will be further detailed in the coming months.

1.3 Overview of actions

1.3.1 Action 1

Objective Action 1: Improve market access for consumers to value their flexibility

1. **Main question:** Which regulatory barriers for consumers exist that hinder the valorisation of their flexibility via implicit (tariffs) and explicit (markets) flexibility mechanisms, and consequently, what are possible solutions to overcome these barriers
2. **Topics in scope (but not limited):**

Flexibility products and services

Rules for aggregation (baseline methodology)

Tariff design

Market processes (prequalification)

Smart appliances

Sub-metering

...

3. **Projects involved:** ACCEPT, BD4OPEM, BeFlex, ENERSHARE, eNEURON, EUniversal, EV4EU, FEVER, FLEXIGRID, Flexindustries, GIFT, iFLEX, INSULAE, Interconnect, OneNet, PlatOne, REACT, REDREAM, REEFLEX, Robinson, SCALE, SENDER, SENERGY NETS, SERENE, SUSTENANCE, TwinERGY



1.3.2 Action 2

Objective Action 2: Examine the options for service provision by energy communities

1. **Main question:** What are the possible grid services energy communities could deliver to support the future needs of the grid (both transmission and distribution)
2. **Topics in scope (but not limited):**

Design of grid services and associated products

Relation between Energy Community and the system operator

Financing Models

This action will focus on a joint paper with ISGAN/ETIP SNET – working title ‘Service provision by energy communities’

3. **Projects involved:** ACCEPT, BeFlex, BD4OPEM, CREATORS, DATA CELLAR, ENERSHARE, eNEURON, Euniversal, iELECTRIX, INSULAE, LocalRES, MAESHA, FEVER, FLEXIGRID, Interconnect, Interrface, NESOI, REACT, REDREAM, REEFLEX, SERENE, SUSTENANCE, TIGON, TwinERGY

1.3.3 Action 3

Objective Action 3: Facilitate flexibility market **coordination** and **integration**

1. **Main question:** What are existing ‘market design’ barriers (and possible solutions) to arrive at integrated and coordinated markets in Europe, and consequently what are possible solutions.
2. **Topics in scope (but not limited):**

TSO-DSO Coordination

Local market design

Value stacking

Flexibility in Network Planning

Gaming

3. **Projects involved:** ENERSHARE, eNEURON, Euniversal, Farcross, FLEXIGRID, FlexPlan, FLOW, OneNet, PlatOne, REEFLEX, Interconnect, INSULAE, Interrface, TIGON, TRINITY, SENERGY NETS

1.3.4 Action 4

Objective Action 4: Support the potential synergies coming from increased sector coupling/sector integration/system integration

1. **Main question:** Which regulatory barriers exist that limit the potential of sector coupling/sector integration
2. **Topics in scope (but not limited):**



Service provision by E-Mobility

Integration with heat

Sector integration at the household level

Offshore wind integration

3. Projects involved: ACCEPT, BD4OPEM, BeFlex, eNEURON, EV4EU, FEVER, FLOW, iFLEX, Interrface, INSULAE, REACT, Robinson, SENDER, SENERGY NETS, TIGON, TwinERGEY, WEDUSEA

1.4 Outcomes

The regulatory WG is proposing three different type of outcomes for 2022:

- The workshops resulting of the Dynamic Knowledge Sharing mechanism. The sessions will be recorded and open access to the presentations, at least to the BRIDGE community, will be provided.
- A specific report summarising the work performed in each of the actions.
- Dedicated interactions with relevant working groups and/or stakeholders outside BRIDGE (ETIP SNET, ISGAN, ACER,...)

1.5 Planning

The planning below is a common planning for the different actions from the Regulatory working group. To note that, based on the individual actions and the discussions with the projects participating to an action, more detailed steps will be taken (surveys, workshops,...).

TASK ID	TASK	START	END	RESPONSIBLE
1	Survey draft work plan shared with WG	01/07/22	31/07/22	WG Chair
2	Feedback projects on draft work plan	01/08/22	15/09/22	All projects
3	Regulatory WG Kick-off Meeting	04/10/22	04/10/22	WG Chair
4	Second round of input draft work plan	04/10/22	14/10/22	All projects
5	Finalising work plan – detailing approach actions.	10/11/22	10/11/22	WG Chair and action leaders
6	Kick-off meeting individual actions (objective – challenges)	01/12/22	15/12/22	Action leaders
7	Second meeting individual actions (best practices)	15/01/23	30/01/23	Action leaders
8	Intermediate cross-action checkpoint Meeting	01/02/23	14/02/23	WG Chairs and action leaders
9	Third meeting individual actions (conclusions – recommendations)	01/02/23	14/02/23	Action leaders
10	Meeting with all action leaders to discuss recommendations and prepare the General Assembly	01/03/23	15/03/23	WG Chair and action leaders
11	Draft report submitted to EC for first feedback	28/02/23	15/03/23	WG Chair and action leaders
12	GA 2023	TBC	TBC	WG Chair and EC
13	Finalisation of Regulatory WG report	01/04/23	30/04/23	WG Chair

<i>Knowledge Sharing</i>			
<i>Knowledge Sharing Session</i>	<i>Date</i>	<i>Topic</i>	<i>Project</i>
Session 1	13/1/2023	<i>Key issues for grid planning in the future years to facilitate integration of large amounts of RES generation</i>	<i>FlexPlan</i>
		<i>Regulatory challenges towards increased regional cross-border cooperation: the FARCROSS project perspective</i>	<i>FARCROSS</i>
Session 2	27/1/2023	<i>Barriers in relation to legislation</i>	<i>Interface</i>
		<i>Flexibility markets and integration</i>	<i>OneNet</i>
Session 3	10/2/2023	<i>Regulatory barriers and drivers for the provision of services by renewable energy communities – lessons learnt from LocalRES</i>	<i>LocalRES</i>
		<i>Energy community related services with local RES and lessons learnt in IElectrix</i>	<i>Ielectrix</i>
Session 4	03/03/2023	<i>Market based flexibility procurement by DSOs: insights from the EUniversal project</i>	<i>EUniversal</i>
		<i>Guidelines and recommendations for flexibility platforms and enhancement of services</i>	<i>Interconnect</i>



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