

Internal Newsletter

for networking, joint actions and cooperation activities

The aim of this circular is to enhance our networking, joint actions and cooperation activities. We plan to distribute information about news and events related to the project and share the feedbacks and suggestions from the partners.



VPP4ISLANDS has been selected by the European Commission to contribute to BRIDGE.

The aim of BRIDGE is to gather H2020 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. Since the beginning of BRIDGE, 66 projects have had the opportunity to join and participate to the discussions to develop strong analysis and build reports that helped to the elaboration of EU directives.

The BRIDGE initiative is structured with four permanent Working Groups charged with preparing reports and formulating recommendations for the European Commission on various themes linked to the future of the energy sector.

BRIDGE GA will be held in the 2nd, 3rd and 4th of March, **virtually**. **VPP4Islands** will have a chance to introduce the project on the first day of the Bridge GA.

VPP4Islands representatives for the working groups :

DATA MANAGEMENT:

Dominic Heutelbeck (FTK)
Ioannis Dontas (BC2050)

REGULATIONS:

Mehmet Koç (UEDAS)
Stefano Bianchi (ALWA)

CUSTOMER ENGAGEMENT:

Oral Kaya (TROYA)
Habib Nasser (RDIUP)

For further information : www.h2020-bridge.eu

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

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

Regulation

- As regards to **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



Web-panel held by Turkish project partners about the energy transition and independence of the islands

16 Feb 2021, Virtual

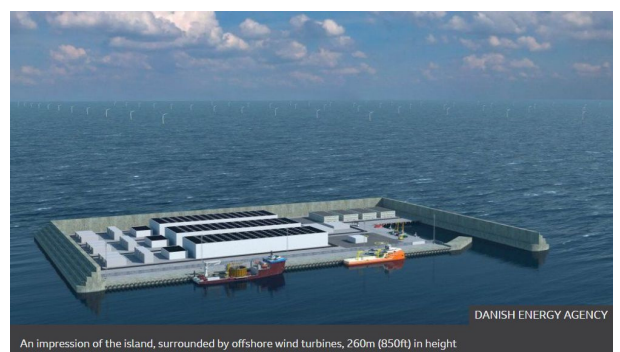
Speakers:

Mehmet Koç (UEDAS)
 Oral Kaya (TROYA)
 Şafak Baykal (INAVITAS)
 Esen Erkan (GÜNDER)

An virtual panel was held in by the project partners on the 16th February 2021. The aim of the panel was to discuss the energy transition and independence of the islands. The panel conducted in Turkish, with the participation of the stake holders, especially the islanders.

Melis Yılmaz from TROYA presented VPP4Island project and provided some information about its aim and activities. Oral Kaya explained the necessity of obtaining energy from renewable sources and emphasised the importance of local participation. Dawn BAYKAL from INAVITAS provided information about the infrastructure and explained the interfaces related to energy management and decarbonisation processes. Mehmet Koç from UEDAŞ explained the current electricity situation and the problems experienced at Gokceada. He also presented the layout plans of the existing power plants and the storage systems to be installed in Gökçeada. Esen ERKAN from GÜNDER, who is the supporter of the project, talked about the regions in the world experiencing difficulties in accessing electricity and obtaining electricity from renewable energy models.

Denmark to build 'first energy island' in North Sea



The world's first energy island will be as big as 18 football pitches and serve as a hub for 200 giant offshore wind turbines. It is the biggest construction project in Danish history, costing an estimated €28bn. It is situated at 80km (50 miles) out to sea, the artificial island would be at least half-owned by the state but partly by the private sector.

A smaller energy island is already being planned off Bornholm in the Baltic Sea, to the east of mainland Denmark. Agreements have already been signed for electricity to be provided from there to Germany, Belgium and the Netherlands.

Source :www.bbc.com

Upcoming Events

(Please click on the event title for more information)

2-3-4 March 2021	Bridge GA , Digital
4-5 March, 2021	ICEESE, 2021: 15. International Conference on Energy Efficiency and Sustainable Energy, Barcelona, Spain
16-18 March, 2021	International Renewable Energy Storage Conference (IRES), Virtual
22-23 March, 2021	ICEESEP 2021: 15. International Conference on Energy Efficiency and Sustainable Energy Policy, Prague, Czechia
25 — 26 March, 2021	Energy Transition and Decarbonisation Forum, Virtual
23-24 March, 2021	Scottish Renewables Annual Conference 2021, Virtual
25-26 March, 2021	ICESGT 2021: 15. International Conference on Environmental Sustainability and Green Technology, Madrid, Spain
25-26 March, 2021	ICEER 2021: 15. International Conference on Energy Efficiency and Renewables, Madrid, Spain
22-24 April, 2021	Rescoop Annual Conference , Virtual
29 April, 2021	Island Energy Transformation Training Series, Virtual
12 May, 2021	The future of green hydrogen – Renewable UK Webinar, Virtual
10 June, 2021	System flexibility in 2030 - Renewable UK Webinar, Virtual
21-22 June,, 2021	Renewable Energy and Sustainable Technologies, Virtual
23 - 25 June, 2021	European Energy Efficiency Conference 2021, Wels and virtual
21 - 25 June, 2021	Global Energy Transition, Virtual
01 July, 2021	The 2030's Power Park - creating hybrid sites -Renewable UK Webinar, Virtual
06 July, 2021	The Future Storage Markets - Renewable UK Webinar, Virtual
21-23 July, 2021	Intersolar Europe Exhibition , Messe München
20-21 July, 2021	Intersolar Europe Conference , ICM München

Suggestion form

We would like to hear from you about your suggestions of;

- Publishing
- Conferencing and contact making
- Personnel mobility
- Joint training programs
- Policy recommendations
- Identifying opportunities of replication of VPP4Islands
- Commercialization

Please complete the enclosed form and send it to info@troyacevre.org

Feedback form

Have you attended any meeting, conference or participated any networking or cooperation activities related to VPP4Islands project?

We would appreciate it if you could provide us with some information about your activities. The information will be used in newsletters and also in D.8.4.

Please complete the enclosed form send it to info@troyacevre.org

Thank you for your contribution