


Internal Circular

for networking, joint actions and cooperation activities



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VPP4ISLANDS SOLUTION TESTING AND VALIDATION

WP7 progress meeting was organised by UEDAS in October 2023. Meeting agenda included :

- Gökçeada Island status (UEDAS)
- Formentera Island status (FORM, BUL)
- Software and platform status (ALWA, IDEA, CU, INAVITAS)
- Task 7.3 (REGE)
- Task 7.4 (BUL)
- All partners' contributions, questions and answers.

UEDAS placed 100 kWh BESS in operation in Gokceada and has been training for the personnel. Hydrogen Fuel Cell System installation is ongoing at Formentera Island.

VPPBOX INSTALLATION



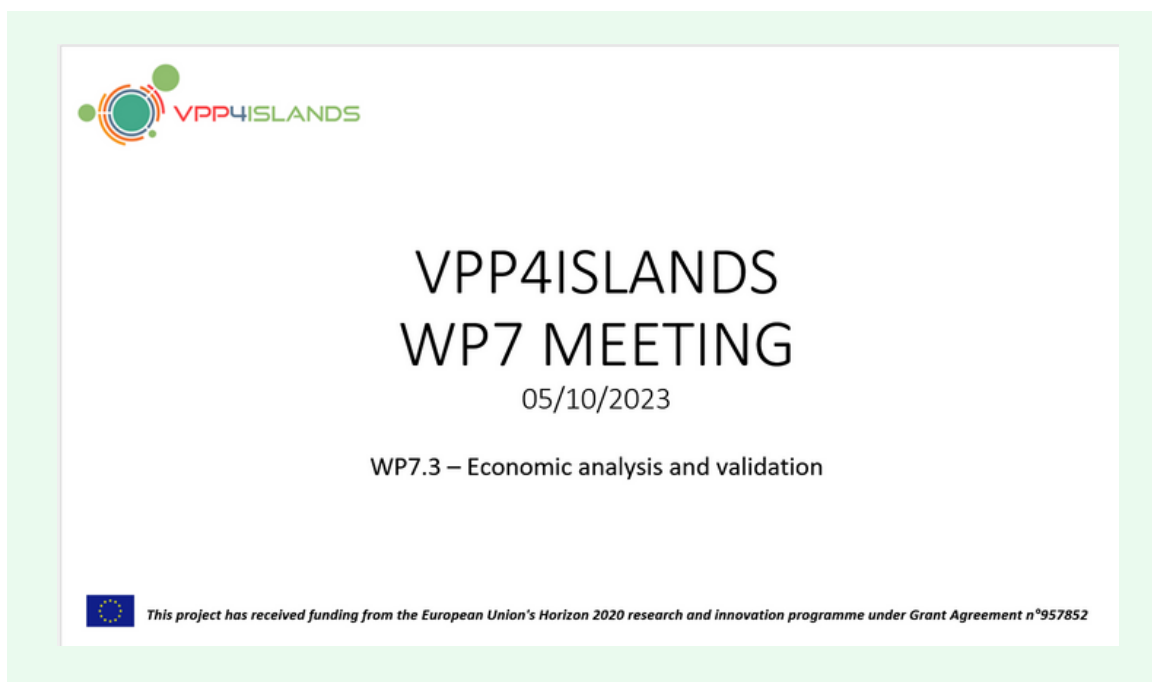
WP7.3 – ECONOMIC ANALYSIS AND VALIDATION

REGENERA collected economic data for T7.3 and presented information at WP7 meeting.

Their presentation headings included :

- SOLUTION N°1: VPP4IPlatform
- SOLUTION N°2: VPP4INode
- SOLUTION N°3: VPP4IBox
- Energy flexibility assets
- Products to be sold
- Tasks for partners

With the information gathered from the partners of the VPP4Island project, Regenera is assessing the economic feasibility of the project and validating it for the demonstration cases of each pilot and for each of the stakeholders (prosumers and Joint Venture).



RDIUP'S CONTRIBUTION TO EU WHITEPAPER DRAFTING

RDIUP participated in the collaborative drafting of the joint Whitepaper closely with 9 EU-funded projects.

The purpose of this joint document is to raise awareness around challenges and opportunities in the replication of islands decarbonisation initiatives, while providing actionable regulatory, socioeconomic, and technical recommendations, for immediate implementation.

The Whitepaper draws a compelling conclusion: EU-funded projects and initiatives offer concrete solutions for achieving cost-effective, flexible, reliable, and secure energy supplies. Therefore, the replication of such projects, focusing on decarbonising geographical islands, is a strategic step forward in supporting the European Commission and Member States in their commitment to reducing CO2 emissions, aligning with the net-zero targets set in the Green Deal, and fostering a sustainable circular economy that is both resilient and green.

To achieve these goals, the implementation of the recommended financial, incentivisation and regulatory measures, as well as initiatives aimed at promoting the engagement of relevant stakeholders, shall become a priority in the agendas of EU and Member States policy makers.

For those seeking a deeper understanding of the Whitepaper's insights, the full document is available here: <https://sync.lis-lab.fr/index.php/f/29207912>

We encourage each of you to explore this valuable resource that mirrors our commitment to sustainable change. Let's take pride in our role and continue championing innovation that makes a real difference for islands and beyond.



TROYA ATTENDED CITIZENS' ENERGY FORUM



The 15th Citizens Energy Forum took place in Dublin, Ireland on the 9 November 2023.

It focus on middle and low income consumers and on solutions that they can access or put in place. It also provided a platform for citizen testimonies, hands-on informative and inspiring examples of consumer actions, and lively discussions in break out groups.

The Forum was participated by citizens' interest groups, a wide range of stakeholders including NGOs, businesses, as well as policy makers (ministries and regulators). The energy consumer issues in the context of the post energy crisis, including their role, related opportunities and risks in the electricity market design of the future were discussed.

For more information:

https://energy.ec.europa.eu/events/citizens-energy-forum-2023-11-09_en

TROYA ORGANISE 7TH INTERNATIONAL ENERGY COOPERATIVES CONFERENCE



For the last 6 years, TROYA was an annual conference series to bring together renewable energy cooperatives, relevant institutions, and authorities from Turkey and around the world.

The aim of the conference is to strengthen energy cooperatives by creating a platform for knowledge sharing and collaboration. Each year, we have focused on different topics, inviting expert speakers and showcasing successful examples to engage cooperatives.

Date : 14 December 2023

Venue : Canakkale, Turkey

Theme : The impact of European and international funds on energy cooperatives

Web : <https://www.yenkoop.org/>

RDIUP'S ENGAGEMENT IN THE BRIDGE WORKING GROUP

RDIUP made significant contributions to the BRIDGE working group, by developing a workplan titled "Investigation of the types and characters of the data value chains in Business Models of BRIDGE projects".

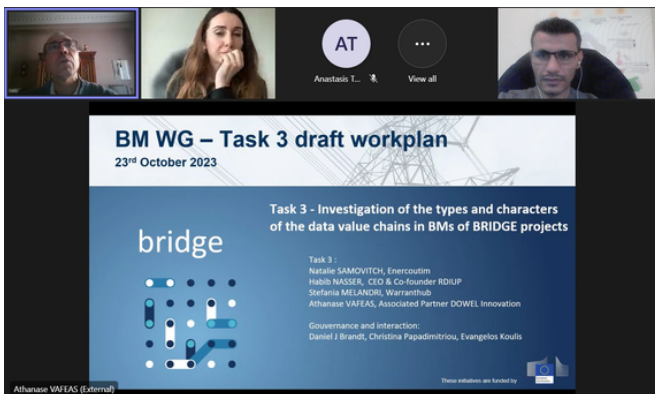
This collaborative effort brought together key experts, including:

- Natalie SAMOVITCH, Enercoutim
- Habib NASSER, RDIUP
- Stefania MELANDRI, WarrantHub
- Athanese VAFEAS, DOWEL Innovation

RDIUP brought to the working group its expertise in data analytics, business model development, and value chain optimisation.

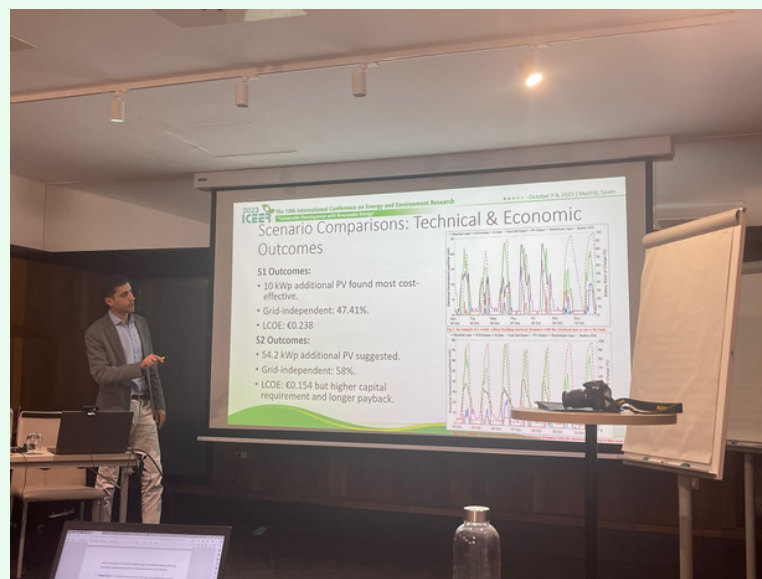
Key Highlights of RDIUP's Contributions:

- Conducted a thorough analysis of the data value chains within BRIDGE projects, identifying key patterns and trends.
- Developed a framework for classifying and characterising data value chains, providing a standardized approach for understanding these complex structures.
- Proposed innovative approaches to monetising data, generating value, and benefiting all stakeholders involved in BRIDGE projects.



RDIUP's involvement in the BRIDGE working group demonstrates its commitment to fostering collaboration and knowledge sharing within the EU projects ecosystem. The workplan developed by the working group stands as a valuable tool for BRIDGE project partners, enabling them to leverage their data assets effectively and build sustainable business models.

BRUNEL UNIVERSITY PRESENTED PROJECT RESULTS AT ICEER 2023 CONFERENCE



Abdelaziz Abualshawareb and Dr. Zahir Dehouche from Brunel University represented the results of the Formentera's energy storage system at the ICEER 2023 - The 10th International Conference on Energy and Environment Research.

Their paper is titled 'Environmental analysis of a Hybrid Energy storage system for a energy community on the Island of Formentera.'

The conference took place in Madrid as from 7-9 October 2023 with theme of 'Sustainable Development with Renewable Energy'.

More information about the conference can be obtained at <http://iceer.net/index.html>

PATICIPATION IN OpenADR ACTIVITIES

VPP4islands partners participated in various events and webinars organised by OpenADR Alliance.

The mission of the OpenADR Alliance is to foster the development, adoption, and compliance of the OpenADR standards through collaboration, education, training, testing and certification.



OpenADR is an open, highly secure, and two-way information exchange model and global Smart Grid standard. OpenADR standardizes the message format used for Auto-DR and DER management so that dynamic price and reliability signals can be exchanged in a uniform and interoperable fashion among utilities, ISOs, and energy management and control systems.

For more information:

<https://www.openadr.org/webinar-series>

RENEWABLES 2023 GLOBAL STATUS REPORT



This year's edition (18th) has evolved in design and structure to reflect the fundamental changes in the global energy landscape.

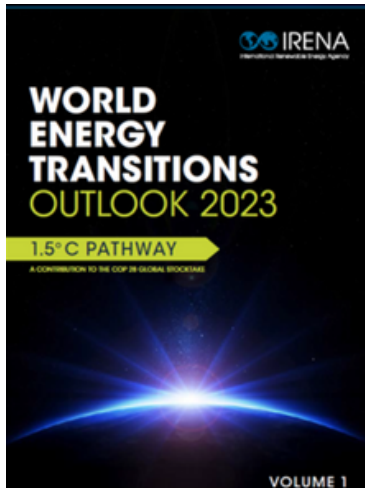
The new structure is in the form of a collection of five publications:

- GSR 2023 Renewables in Energy Demand Module
- GSR 2023 Renewables in Energy Supply Module
- GSR 2023 Economic & Social Value Creation Module
- GSR 2023 Energy Systems and Infrastructure Module
- GSR 2023 Global Overview

In addition to presenting the trends in renewable energy supply, it also dives into the energy demand sectors with dedicated modules on buildings, industry, transport and agriculture. It includes a publication on energy systems and infrastructure with renewables as well as a publication on renewables for economic and social value creation, acknowledging the key role that energy plays across economies and societies.

It can be reached at :
<https://www.ren21.net/gsr-2023>

WORLD ENERGY TRANSITIONS OUTLOOK 2023: 1.5°C PATHWAY



The International Renewable Energy Agency (IRENA) is a lead global intergovernmental agency for energy transformation that serves as the principal platform for international cooperation, supports countries in their energy transitions, and provides state of the art data and analyses on technology, innovation, policy, finance and investment.

This first volume of the 2023 Outlook provides an overview of progress by tracking implementation and gaps across all energy sectors, and identifies priority areas and actions based on available technologies that must be realised by 2030 to achieve net zero emissions by mid-century.

The report also provides three key pillars that can form the foundations for action to realign the global energy transition with climate objectives: building the necessary infrastructure and investing at scale to accommodate new production locations, trade patterns and demand centres; advancing a policy and regulatory architecture that can facilitate targeted investments, and improve socio-economic and environmental outcomes; and a strategic realignment of institutional capacities to help ensure that skills and capabilities match an energy system that integrates a high share of renewables.

It can be reached at:

<https://www.irena.org/Publications/2023/Jun/World-Energy-Transitions-Outlook-2023>



The European Commission's Energy Communities Repository has published a guide for organisations wishing to setup one-stop shops for energy communities.

Following the creation of the EU definitions for energy communities, one-stop shop offices providing administrative, technical, capacity-building and/or financial assistance have emerged as an effective way to support the set-up and development of community energy projects. This guide provides examples of established one-stop shops and lists practical resources to help organisations define services, finance one-stop shop projects, or design customer journeys.

You can reach at :

https://energy-communities-repository.ec.europa.eu/setting-community-energy-one-stop-shops_en

UPCOMING EVENTS

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IEA energy efficiency conference

Nairobi

21-23 May 2024

<https://www.iea.org/news/flagship-iea-energy-efficiency-conference-set-for-nairobi-in-may-2024>



GINGR Launch Event
05 December 2023

<https://renewables-grid.eu/activities/events/detail/news/gingr-launch-event.html>



World Sustainable Energy Days

5 - 8 March 2024

Wels, Austria

<https://www.wsed.at/>



GPPS Energy & Aviation Forum

17-18 January 2024

Zurich, Switzerland

<https://gpps.global/gpps-energy-forum24/>



Lisbon Energy Summit & Exhibition

27 - 29 May 2024

Lisbon

<https://www.lisbonenergysummit.com>



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