

Public Newsletter#5

January 2023

News, Events and Networking activities

The aim of this public newsletter is to broadcast our events and boost our networking, joint actions and cooperation activities. It provides key information about events and news related to our VPP4ISLANDS project.

VPP4ISLANDS activities till January 2023

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First general meeting in Marseille

#VPP4ISLANDS 🌍 has organized the first life #Generalmeeting 👤 in #Marseille on May 16th 17th 18th. 2022 VPP4ISLANDS informed through its social media about the key findings and results of this meeting. Here 👉 below the #Agenda 📝 of this meeting <https://bit.ly/3vmI34G>



During this meeting, #AMU #RDIUP #IDEA have presented the #VPP4IPlatform 🌟 and #VPP4INode 🌟 integration and #FTK has kindly provided a training session and #SAPL 🗨️ tool #presentations

Our first #generalmeeting 👤 was held #successfully 🎉 with our #partners 💡 in #Marseille 🇫🇷. The progress of WP1, WP2, WP3, WP4, WP5, WP6 WP7 and WP8 were presented and discussed 🌟

Madrid integration workshop



VPP4ISLANDS tech meeting in Madrid

AGENDA - Meeting Sessions		
Name	Date	SESSION DESCRIPTION
Morning Session 1	January 16, 2023 10:30 AM-1:00 PM	Introduction - Overview of the project
Afternoon Session 1	January 16, 2023 2:00 PM-4:30 PM	pt.1/2 Shared Knowledge Base - back end demonstration and access
Morning Session 2	January 17, 2023 10:30 AM-1:00 PM	SAPL - General best practices to access SKB by clients.
Afternoon Session 2	January 17, 2023 2:00 PM-4:30 PM	SAPL - General best practices to access SKB by clients.
Morning Session 3	January 18, 2023 10:30 AM-1:00 PM	Microservices - Power generation/consumption/price forecasting
Afternoon Session 3	January 18, 2023 2:00 PM-4:30 PM	VPP4IPlatform User Interface - from back end to user interface
Morning Session 4	January 19, 2023 10:30 AM-1:00 PM	SAPL - Protection of Shared Knowledge Base (SKB)
Afternoon Session 4	January 19, 2023 2:00 PM-4:30 PM	Data acquisition from field - Smart Meters (Formentera & Gökçeada).
Morning Session 5	January 20, 2023 10:30 AM-1:00 PM	Data acquisition from field - Energy Analyser (data coming from secondary substation of Gökçeada electric.
Afternoon Session 5	January 20, 2023 2:00 PM-4:30 PM	Planning future developments

From 16th to 20th January 2023, VPP4ISLANDS partners (IDEA, AMU, RDIUP, ALWA, CISC, CU, BUL, SE and REGE) 🗨️ met in Madrid 🇪🇸 to study the full integration of our sustainable energy systems 🌱 .

Ten sub-sessions 💡 were carried out during 5 days 📅 mainly for Shared knowledge base, SAPL and User interfaces and data acquisition field.

The meeting 🍷 organized by [#VPP4ISLANDS](#) project organized a first successful 🇪🇺 technical integration workshop in [#Madrid](#) 🇪🇸. Partners finalized this event with a clear 📅 planning and roadmap of future developments 💡



Communication and dissemination Plan

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Our public VPP4ISLANDS communication and dissemination plan was approved by the project officer and it is now available finally for discovering in our website www.vpp4islands.eu

The Dissemination and Communication (D&C) Plan represents a framework for dissemination and communication activities to be realized during the lifetime of the project VPP4ISLANDS, guided by the overall objective of achieving long-term impact of project results at national, regional, European and international levels.

Here a link to visit our D&C plan: <https://bit.ly/3s3zFpf>

VPP4ISLANDS Public D&C activities

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VPP4ISLANDS has defined a preliminary business and exploitation strategies 📄 for its solutions, KERs and uses cases. These activities were led by [RDIUP](#) and reported in D8.5 📄. Also, the dissemination and communication activities carried out by the whole consortium were reported in D8.2. These deliverables are approved by the European commission and you can visit them through the accessible links below:

- [D&C activities carried out by VPP4ISLANDS.](#)



- [Business plan and exploitation strategies.](#)
- Visit all our online VPP4ISLANDS public deliverables [here](#)

VPP4ISLANDS Dissemination actions

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Our VPP4ISLANDS project, through [#REGENERA](#), [#RDIUP](#) and [#TROYA](#) 🦹‍♂️ has participate in this event European Sustainable Energy Week EUSEW2022 💡 Project supported by the EC.





[#RDIUP](#) from [#VPP4ISLANDS](#) 🌍 project participated 🦹‍♂️ in the [#INTERFACE](#) - Final Event on [#December](#) 07, 2022 in [#Brussel](#) 🇧🇪.



Our [#VPP4ISLANDS](#) 🌍 partner [#FTK](#) represented by Dr. [#Dominic Heutelbeck](#) has participated at [#AxonIQCon22](#) 🦹‍♂️ to talk more about how ABAC along with Streaming Attribute Policy Language ([#SAPL](#)) and ABAC's Attribute-Stream-based Access Control ([#ASBAC](#)) work with 🦹‍♂️ [#Axon](#)-based applications to establish policy enforcement on all types of query-side implementation. Visit the YouTube session to learn more about SAPL from here 🦹‍♂️: <https://www.youtube.com/watch?v=qZin26544Es>









Finally, [#AMU](#), [#RDIUP](#), [#CardiffUniversity](#), [#BC2050](#), [#BrunelUniversity](#) from H2020 VPP4ISLANDS project  have published a book of 11 chapters  "Virtual Power Plant Solution for Future Smart Energy Communities" Edited by Taylor and Francis Group in 2022.

[The E-book is accessible from this link](#)



With the partnership of [#Uedaş](#) and [#Troya](#), VPP4ISLANDS held a meeting to create a living lab on the Self-Sufficient Islands project in Gökçeada, accelerating the transition to smart and green energy, from the Islands energy efficiency potential and innovative storage approaches.

Also, it encourages active citizen participation and its benefits islands to be energy self-sufficient aims to provide and reduce costs.

Our partner [#AlgoWatt](#)  have presented [#VPP4ISLANDS](#)  project in two workshops organized by [#AEIT](#)  this two workshops is ENERGY MANAGEMENT, FLEXIBILITY OF RESOURCES AND SYSTEM RESILIENCE: PROJECTS AND PERSPECTIVES". It had more than 70+ participants online. Find all information here about the new upcoming AEIT event  <https://bit.ly/3bW2r1N>



A proud candle 🕯️ to our follower islands partners [#GRADO](#) 🇮🇹 and [#BORNHOLM](#) 🇩🇰 following their participation in the [#CleanenergyforEUislands](#) competition [#CE4EUislands](#) forum 2022, their videos 🎥 have been selected and broadcasted. They deserve real [#Congratulations](#) 🎉 for their involvement.



- [Visit here the GRADO short video](#)
- [Visit here the BORNHOLM animated presentation](#)

The short promotional videos are made in order to easily promote our [#VPP4ISLANDS](#) activities and increase awareness about [#cleanenergy](#) 🌱



VPP4ISLANDS Pilot news



It is a pleasure to share with you that the Municipality of [#Grado](#) our follower ISLAND partner in [VPP4ISLANDS](#) 🏝️ was awarded 🎉 by the [#Friuli](#) Venezia Giulia Region a [#funding](#) 📄 for the creation 🏗️ of a Renewable Virtual Energy Community ([#RVEC](#)) 🏠.



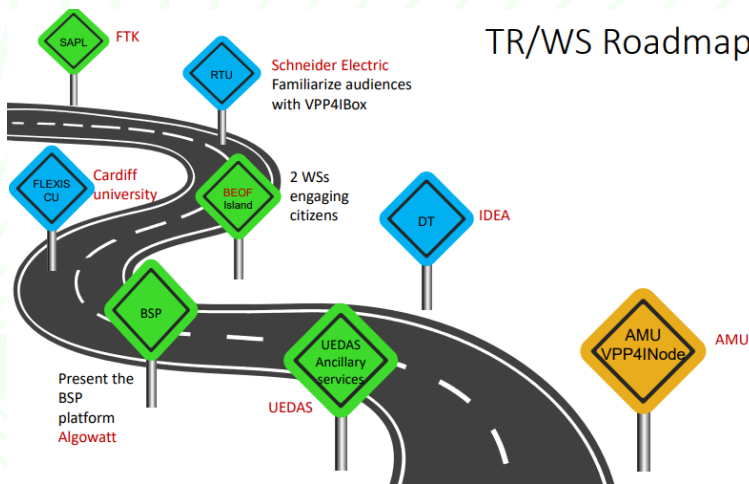
That includes varies energy assets such as 🌞 Solar PV: 42 kW, 🔋 VESS: 55kWh, ⚡ Smart meters: 50 and 🚲 e-bike charging stations: 20.



Last technologies 💡 of [#NB-IoT](#) meters have been installed ✓ in our Leading [#Island](#) [#Gökçeada](#) by [#UEDAS](#) partner 🙌.

This leading [#Island](#) demonstration is almost ready for the real environment testing and **UEDAS** is preparing data for evaluation activities.

Roadmap and Upcoming VPP4ISLANDS events



TR/WS Roadmap

[#RDIUP](#), Work Package Leader of dissemination and communication activities, has defined a detailed roadmap for the activities to be carried out by key partners during the project development. [#FTK](#) (SAPL) and [#TROYA](#) already carried out specific events. [#SCHN](#) (VPP4IBox), [#AlgoWatt](#) (BSP and REC platform) and [#AMU](#) (VPP4INode) are preparing their workshops events to be carried out in February and March 2023. The

invitations for these vents will be outside soon in our social media by RDIUP.



VPP4ISLANDS consortium is preparing reporting in March 2023 and will organize General Assembly meeting days to present its results.

ALWA is preparing a high-quality online workshop for the related VPP4IPlatform, and other technical advancements. Sister projects will be invited through specific networking actions.

RDIUP is preparing a short promotion animated video for the SPT solution to be used for replication use cases.

RDIUP and **AMU** are preparing a technical workshop meeting for Node integration in Marseille from 13 to 15th February.

SCHN is preparing a public workshop to present our VPP4IBox solution and share our outcomes with target stakeholders.

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