



Public Newsletter December 2021 # 3

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

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Italian cluster conference

GRADO and CIVIESCO have organized a public conference in July and September 2021 in Grado (Italy), and broadcasted live on [VPP4ISLANDS Facebook](#). During the events, The H2020 project [VPP4Islands](#) project was presented and the benefits of energy communities were discussed, especially to maximize the penetration of renewable energy resources in the Grado Island.

Full video of the conference can be reached at <https://www.youtube.com/watch?v=9BaVP0CfnGU&t=630s>

Funniest and best backstage moments of our Italian conference, edited by our partners GRADO and CIVIESCO <https://www.facebook.com/104584588165808/videos/939546949947072>





SEST'21 VPP4Islands Project

4th International Conference on Smart Energy Systems and Technologies (SEST)
6-8 September 2021, Vaasa, Finland

T Title: Virtual Power Plant for Interoperable and Smart Islands

8th September 9:30 CEST


on Zoom


Dr. Selfeddine Ben Elghall
Aix-Marseille University

Dr. Ehsan Heydariyan-Forushani
Aix-Marseille University



IEEE PES IAS IEEE Industry Applications Society IES Living Research in Power IES IES IES Vaasan yliopisto UNIVERSITY OF VAASA

VPP4ISLANDS was present at SEST 2021 Conference

AMU participated in the 4th International Conference on Intelligent Energy Systems and Technologies ([SEST'21](#)) and introduced VPP4ISLANDS through the panel at the SEST'21 conference. The panel took place on  September 8, 2021.

The slides presented on the conference can be obtained at : <https://vpp4islands.eu/wp-content/uploads/2021/09/SEST-conference-2021.pdf>

AlgoWatt attended the 4th Green Salina Energy Days

The 4th Salina Green Energy Days took place in Sicily from September 9 to 12, 2021. ALGOWATT presented the objectives and the solutions  to be developed by VPP4ISLANDS project during the event "Accelerating the energy transition  in the minor islands".

More information about the AlgoWatt's activity (In Italian): <https://bit.ly/3IngFIk>



SAVE THE DATE

UNIONE EUROPEA CLEAN ENERGY FOR EU ISLANDS




9 - 12 SETTEMBRE 2021


SOLUZIONI IT PER LA SOSTENIBILITÀ ENERGETICA LOCALE: DALLE CENTRALI ELETTRICHE VIRTUALI ALLE COMUNITÀ ENERGETICHE

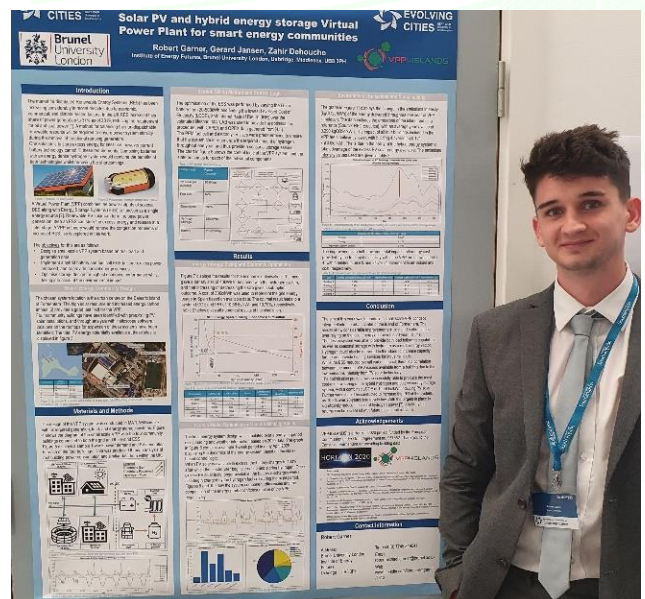
ALGOWATT PRESENTA ALLA 4° EDIZIONE DEI GREEN SALINA ENERGY DAYS

SALINA isola sostenibile #isoleadasole

Evolving Cities International Conference

Our partner  #Brunel-University-London (BUL) has participated from 22 to 24 September 2021 in a #research conference at the #UK International Conference # "Evolving-Cities" . BUL presented a poster titled "Solar PV and hybrid energy storage Virtual Power Plant for smart energy communities"  <https://lnkd.in/ejJ5Uq8u>

The poster can be reached at : <https://vpp4islands.eu/wp-content/uploads/2021/10/GARNER%e2%80%93Solar-PV-and-hybrid-energy-storage-Virtual-ICEC2021-presentation.pdf>



Solar PV and hybrid energy storage Virtual Power Plant for smart energy communities

Robert Garner, Gerard Jansen, Zahri Dahouche

Brunei University London

EVOLVING CITIES

The poster displays technical details, charts, and a diagram of the virtual power plant system.



EU Sustainable Energy Week (EUSEW) sessions

RDIUP and TROYA have participated in the EUSEW discussions ✓, circulated feedback across the consortium and attended mainly the following sessions: (a) Renewable Energy Communities to Boost the Energy Transition, (b) Climate Services are key elements for the energy transition, and (c) Electric Vehicles and the Future of the Power System.

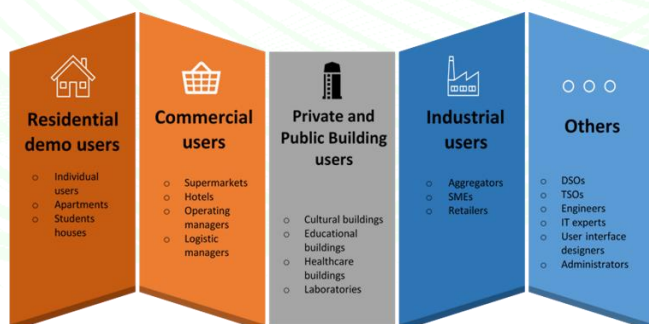


VPP4ISLANDS AT TEDx UDINE

Raf Douglas Tommasi (GRADO) spoke about Virtual Renewable Energy Communities at TEDx Udine Countdown 2021. He explained how "to spread the knowledge we are creating within the Horizon2020 VPP4Islands project in GRADO and in the European Union, so we can all give our contribution to lower our carbon footprint" while saving money.



Here the YouTube link for the TEDx UDINE talks: <https://www.youtube.com/watch?v=nmo2K2mhjgk>



BRIDGE Activities

During this period, VPP4ISLANDS have participated and contributed mainly to the Regulation and consumers engagement working groups.

Regarding to the regulation, several new topics, in the scope of new projects entering BRIDGE, were proposed by UEDAS and AlgoWatt during the session and added to the work plan. Topics proposed were: Network planning, energy islands; Geographical islands; System security; Dynamic pricing of system services; Service provision by E-mobility; Service provision by energy communities;

Concerning the WG of the consumers engagement, RDIUP has contributed to the definition of the survey and the key content table of the public deliverable.



Energy communities workshop

Virtual Energy Communities Workshop was held on the 24th September 2021 with an aim to discuss and examine energy community related issues. During the event, TROYA presented information about energy communities, energy cooperatives and living labs, Algowatt introduced the software LIBRA CE and Samsø Energy Academy informed us about their success story.

This event was organized by Troya, Algowatt, Formentera and RDIUP.

Full video of the workshop can be reached at : <https://www.youtube.com/watch?v=4jnjuWuDhk4>



ETIP SNET workshop

VPP4ISLANDS project has been selected by ETIP SNET as an outstanding project in the field of "Market Based Energy Systems".

13th ETIP SNET regional workshop was held on the 9th November and Diego Piserà (AlgoWatt) presented the VPP4ISLANDS project during the "Decarbonising EU islands" session that will take place from 10:40 to 12:10.

For more information visit www.vpp4islands.eu

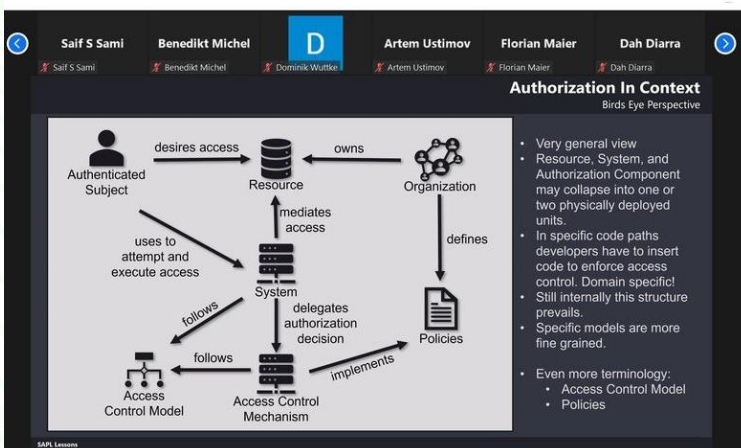


SAPL Training session

A fruitful training session was organized on the 4th October 2021 by Research Institute for Telecommunication and Cooperation (FTK) for their SAPL Tool to better understand the access control. Also, FTK has highlighted how to easily implement SAPL demos.

This event was organized by FTK and RDIUP.

More information can be found on our FB page : <https://www.facebook.com/VPP4islands-104584588165808>



VPP4ISLANDS AS A SUCCESS STORY

[VPP4Islands project](#) has been selected 🏆 as a success story 🎯 by TUBITAK, Scientific and Technological Research Council of Turkey 🇹🇷.

An article 📄 was published in Turkish and English, presented at 💡:

<https://ufukavrupa.org.tr/en/success-stories/virtual-power-plant-interoperable-and-smart-islands>

Upcoming events

In the further months VPP4ISLANDS will contribute to the following key events and actions:

- 1- VPP4ISLANDS is writing a book about VPP and its benefits for the grid and climate.
- 2- BC2050 will contribute to EUBOF (EU Blockchain Observatory and Forum) is preparing a thematic report on “Blockchain Applications in the Energy Sector” 📄
- 3- VPP4ISLANDS will participate in the writing of public BRIDGE deliverables
- 4- A training session will be organized by schneider Electric about the new functionalities of the RTU
- 5- BEOF will create a short video about their replication case

This Newsletter is created and designed by [RDIUP](#)

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