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Editorial

Dear Reader,

Welcome to the third issue of the ISLANDER project newsletter. Another 8 months have passed and a lot has happened, not only in the ISLANDER project, but also in the world. The decarbonisation of our energy systems linked to an independence from fossil fuels (and its suppliers) has become more important than ever.

In this issue we take a look at news around the ISLANDER project and the decarbonisation of islands' energy systems. You will find information about the improved multi-scale forecasting tools being implemented as part of the project, events ISLANDER has participated in and more.

To stay updated about the latest developments of the ISLANDER project you can also check out our website www.islander-project.eu or follow us on [LinkedIn](#) and [Twitter](#), where you will find additional news and insights about the ISLANDER project.

Enjoy reading this third issue,

The ISLANDER team



Improved multi-scale forecasting

Within the ISLANDER project an improved multi-scale forecasting methodology will be established. This is of central importance for the development of grid management algorithms running the smart IT platform. The forecasting models

will rely on recent advances of machine learning in order to deliver high accuracy forecasting data. The different forecasting services to be integrated in the smart IT platform include:

- [Weather forecast model \(D4.3\)](#)
- [Energy price forecast model \(D4.4\)](#)
- [Macroscopic energy supply and demand forecast models \(D4.5\)](#)
- [Individual energy demand forecast models \(upcoming\)](#)
- [Individual energy supply forecast models \(upcoming\)](#)



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Green Hysland Workshop

On April 26, 2022, the first Green Hysland Workshop took place in a hybrid format in Cres, Croatia and online. The workshop was co-organised by the Regional Energy Agency Kvarner and FEDARENE. Our project partner IDENER presented the ISLANDER project and talked about the role of hydrogen in decarbonising Borkum. Project partner EMEC demonstrated the various hydrogen projects taking place on Orkney islands.



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#CE4EU Islands Forum 2022

From the 17-18 May 2022, the ISLANDER project participated in the Clean Energy For EU Islands forum in Rhodes, where the clean energy transition on EU

islands was discussed. As the ongoing work in H2020 projects could not be missed here, our project coordinator AYESA had the opportunity to present the technologies developed in ISLANDER.



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Sustainable Places 2022 workshop

The ISLANDER project was part of the Sustainable Places 2022 workshop on *European Actions Towards Geographic Islands Decarbonisation* together with other H2020 funded projects. In two interactive sessions the participants discussed funding possibilities and innovation aspects for decarbonising islands.

The Steinbeis Europa Zentrum presented the ISLANDER project and talked about how funding islands decarbonisation through community owned energy can create significant value.

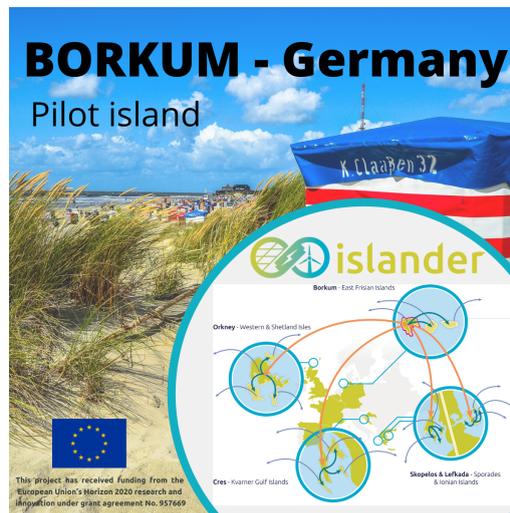


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ISLANDER's islands

Island's energy systems face many challenges, such as security of energy supply, stability of the electricity grid, seasonality of energy demand and affordable energy supply costs. Within the ISLANDER project these challenges will be faced by demonstrating smart grid solutions combining renewable energy production with storage technologies in real-life settings. Starting with the pilot

island of Borkum, the project aims at replicating these solutions to 4 Follower Islands and in a second wave to further EU islands. We have presented ISLANDER's islands in more detail on our social media channels. Have a look!



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Events to look forward to

Gamechanger Awards Ceremony

 11 October 2022  Online  [More information](#)

MUSE GRIDS final event

 27 October 2022  Brussels, Belgium  [More information](#)

Island Pavilion @COP27

 07 - 18 Nov 2022  Sharm El-Sheikh, Egypt  [More information](#)

ENLIT Europe 2022

 29 Nov - 01 Dec 2022  Frankfurt, Germany  [More information](#)

World Sustainable Energy Days

 28 Feb - 3 March 2023  Wels, Austria  [More information](#)

More events can be found on the website of [BRIDGE](#) and the [Clean Energy for EU Islands Secreteriat](#).

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