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## Editorial

Dear Reader,

Welcome to the fourth edition of the ISLANDER project newsletter! We are very pleased to inform you about the latest developments on our path towards sustainable energy solutions for islands.

In this issue we take a look at news around the ISLANDER project and the decarbonisation of islands' energy systems. In an interview with project coordinator Alfredo Gonzalez Naranjo you will learn about the project progress and next steps. Also this newsletter includes information about the start of the installations on Borkum, new deliverables as well as events and conference visits.

To stay updated about the latest developments of the ISLANDER project you can also check out our website [www.islander-project.eu](http://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



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**Project Insights & Updates:  
Interview with Coordinator Alfredo  
Gonzalez Naranjo**

In this interview we talk to Alfredo Gonzalez Naranjo from AYESA, who is the project coordinator for the ISLANDER project. In our conversation, he shares insights into his perspective regarding the project's primary challenges and objectives. In addition, Alfredo gives an overview of the current status of the project, describes the upcoming steps and shares his most exciting experiences during the project.



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## Start of the installations on Borkum

The ISLANDER project has reached a significant milestone with the initiation of the installation phase on the island of Borkum this August. This marks a notable step forward in the project's efforts to introduce advanced energy solutions, contributing to the decarbonisation of the island. The installations include 30 household PV+Li-ion solutions and 3 building PV + Li-ion battery solutions. These systems will be connected to the smart IT platform developed in the ISLANDER project and act as an aggregator and distributed energy resources management system.



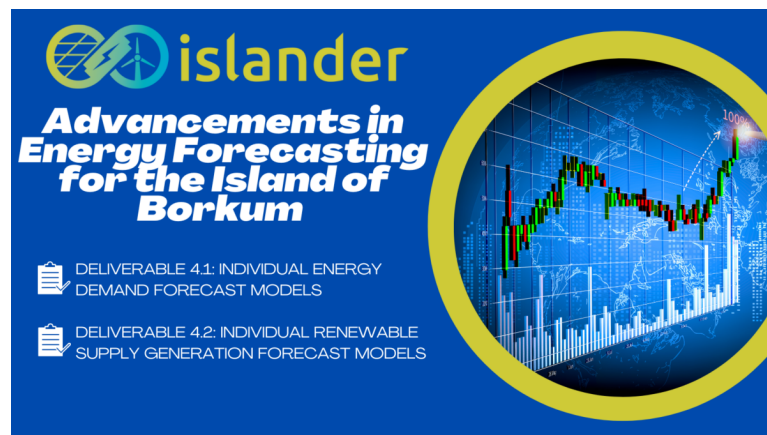
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# Advancements in Energy Forecasting for the island of Borkum

One of the key objectives of the ISLANDER project is to develop and integrate a smart IT platform on Borkum. The IT platform acts as an aggregator and distributed energy resources management system to optimally decide whether the generated renewable energy should be self-consumed, stored or sold to the energy market. It consists of several modules such as data acquisition and big data management, monitoring, control algorithms, market integration tools and forecasting modules.

An important feature of the platform is to be able to predict the energy needs and energy production of the island of Borkum at a global level and individual level (households and businesses). Energy needs and production are determined by various factors, such as the weather conditions, but also the end-users' energy demand and supply. At the end of July, project partner [elmy](#) published two deliverables, focusing on forecasting the individual energy demand ([D4.1](#)) and renewable supply generation of Borkum's end-users ([D4.2](#)).

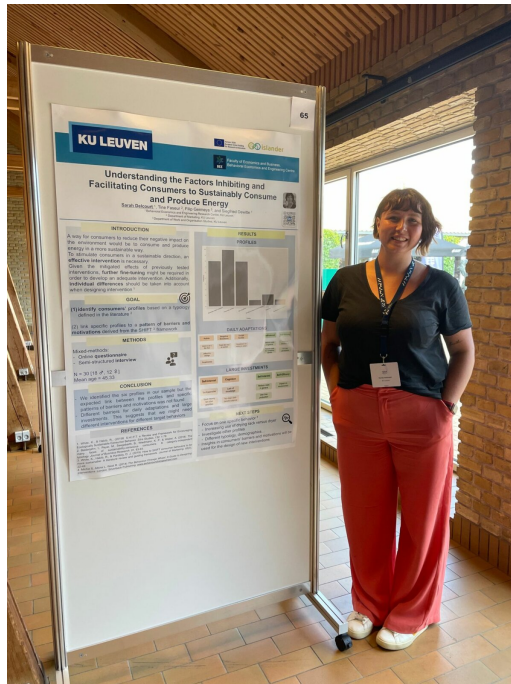


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## Report on consumer engagement actions

The success of the ISLANDER project in achieving a zero-emission future on Borkum relies not only on implementing advanced technology but also on consumers' willingness to engage with the technology and adapt their daily energy consumption behavior. Deliverable [D5.4 - Report on the consumer engagement actions](#) presents insights that can help increase consumer engagement with the project and its technologies.



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## Women in ISLANDER

Learn more about the women contributing to the ISLANDER project.

In a series of interviews, we have talked to several women who play a crucial role in the ISLANDER project. Learn about their role in the project and discover the motivations behind their choice to work in the field of renewable energy and gain insights into their experiences as women in this field.



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## EU islands decarbonisation - Replication Board

The Replication Board on EU islands decarbonisation, organised by GIFT in collaboration with nine other projects, convened on June 6th 2023 to delve into the critical topic of decarbonisation and its implications for European islands. The board provided a platform for knowledge sharing and collaboration, highlighting the challenges and opportunities in achieving a sustainable energy mix for EU islands.



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## Events to look forward to




### Enlit Europe 2023

 28 - 30 Nov 2023  Paris, France  [More information](#)

### Island Voices @ COP28

 30 Nov - 12 Dec 2023  Dubai, UAE  [More information](#)

### World Sustainable Energy Days

 06 - 08 March 2024  Wels, Austria  [More information](#)

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

## CONTACT

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