

# GIFT

Geographical Islands Flexibility

## NEWSLETTER

Welcome to GIFT's first newsletter. The project is ending in the 3rd of June 2023 and the last newsletter was sent July following. There are 64 pages and 200 pictures in the project website. You can find a listing of all the articles covered and using the project and the results implemented on our last newsletter.

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### European Island Regulation Board

The European Island Regulation Board has been asked on the 1st of June to write very quickly. As it is possible to be next and the feedback is very positive. Our Chairman from the Islands Commission of the European Commission, Roberto Miguez (EPP), expressed a wish to receive a report from the GIFT project. He also expressed his interest in the GIFT project and the results implemented on the islands. He also expressed his interest in the GIFT project and the results implemented on the islands.



### Picoe Island Italy

Results on Picoe Island: Following the first newsletter, Picoe Island had the opportunity to participate in the GIFT project. The results implemented on the island are very positive. The island has implemented various energy and infrastructure projects, including solar panels, wind turbines, and energy storage systems. The island has also implemented various energy and infrastructure projects, including solar panels, wind turbines, and energy storage systems.

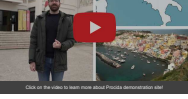
Development and commissioning of PVSE: The island has implemented various energy and infrastructure projects, including solar panels, wind turbines, and energy storage systems. The island has also implemented various energy and infrastructure projects, including solar panels, wind turbines, and energy storage systems.



Left: Solar Panels Right: EV charging station

Development and commissioning of PVSE: The island has implemented various energy and infrastructure projects, including solar panels, wind turbines, and energy storage systems. The island has also implemented various energy and infrastructure projects, including solar panels, wind turbines, and energy storage systems.

Development of Smart Energy Hub: The island has implemented various energy and infrastructure projects, including solar panels, wind turbines, and energy storage systems. The island has also implemented various energy and infrastructure projects, including solar panels, wind turbines, and energy storage systems.



Click on the video to learn more about Picoe Island development

The first newsletter was a great success and we received many positive comments. We are very happy to see the results implemented on the islands. We are very happy to see the results implemented on the islands.

### Hinoyen Island Cluster, Norway

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Development of Smart Energy Hub: The island has implemented various energy and infrastructure projects, including solar panels, wind turbines, and energy storage systems. The island has also implemented various energy and infrastructure projects, including solar panels, wind turbines, and energy storage systems.



Left: Solar Panels Right: Smart Energy Hub

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Click on the video to learn more about Hinoyen Island development

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### Final words for GIFT, by the coordinator Igor Steiner

"The GIFT project is coming to an end after a successful collaboration between 17 partners. The demonstration is fully operational as of today. Partners have been essential in realizing the 12 new technologies that have been developed and integrated into the integral GIFT solution."

The integral GIFT solution has demonstrated ultimate goal of technology resilience and interoperability on two islands, Picoe, a small island in Italy, and Hinoyen, Norway's island in the High North. Innovative solutions have been applied and demonstrated, such as virtual power systems, storage solutions, enterprise service buses, forecasting, visualization, and grid observability. Long-term assessments have been performed to provide flexibility as an essential part of demand response flexibility."

Many lessons have been learned and related barriers have been overcome in technical, financial, social, and regulatory areas. It has been shown that social activities, building social engagement, of power consumers (prosumers) is equally important as developing culture and hardware solutions for demand response services."

Last but not least, regulations and all stakeholders should define good market frameworks that will enable relevant business models to motivate potential prosumers to be included in demand response flexibility."

-Igor Steiner, Coordinator of GIFT



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