



Newsletter #2

Follow us!



ROBINSON'S TECHNICAL UPDATE

Since May 2021, the ROBINSON project kept on its good work and has **known important advancements**, celebrating its first year in Norway last September.

During the last months, work continued from WP1 -Islands requirements, barriers and system specifications-. After a promising report on the potentialities offered by the Eigerøy island and the Follower Islands (Western Islands in Scotland and Crete), Work Package 1 partners produced [Deliverable 1.2 'Legal and regulatory aspects for integration of the Distributed Energy Resources'](#).

The objective is to review the current situation for the coupling of the technical systems used in the project with the electricity grids at the demonstration island and the Follower Islands. The outcome will be used as a baseline for all other technical work packages and tasks.

Work Package 5 - Sustainability assessment - released [Deliverable 5.1 'Technology Specifications'](#) last September as well, **summarising key technology specifications of technologies to be implemented for reducing carbon footprints of the islands.**

It is **an essential requirement for the life cycle cost as well as the environmental analysis of the**

newly installed energy system on the Demo Island.

The following set of technologies are supposed to be installed on the islands and are included in this deliverable: CHP unit (mixed fuel), steam boiler, (novel) wind turbine, electrolyser, anaerobic digestion coupled with bio-electrochemical system (AD-BES), biomass gasifier, gas fuel mixer, photovoltaics (PV) systems and several types of energy storage mediums, such as hydrogen and battery energy storage.

Work Package 3 -[EMS](#) for European Islands simulation and integration- was also launched in July 2021. The objective of this WP is the system simulation to defined optimized configurations and management operations for the considered islands. Task 3.1 began as the preliminary analysis of the integration with the 3 island environments.

Finally, Work Packages 6 -Business planning, replication- and 7 -Communication, Dissemination & Exploitation- continued their work on the **replicability of the ROBINSON project through the Islands Energy Forum**. Partners relaunched the Business Modelling Working Group to coordinate partner's approach on several topics -regulatory aspects, data management, consumers engagement – in line with work ongoing in the BRIDGE initiative.



NEWS FROM THE ROBINSON Project

New Project Coordinator: Rene Vijgen

The ROBINSON project has a new Project Coordinator since September 2021. Rene Vijgen took over from Ugo Simenoni as Senior Technical Manager within the ETN Global and now coordinates the project.

Rene declared: "I am delighted to be part of the ROBINSON project. The project offers long term decarbonisation prospects for Eigerøy, the Western Islands and Crete. **Our goal is to position ROBINSON as a reference for the energy transition of industrialised islands in the European Union and further afield.**"



🎉 Happy birthday ROBINSON! Our General Assembly in Eigerøy 🎉

Partners celebrated the first birthday of the ROBINSON project last September during a General Assembly held on the Demo Island Eigerøy. During this hybrid-format event, partners

took stock of the advancements of the project and defined the course of actions for the next 6 months. The consortium took the opportunity to visit the Demo Site at Prima Protein's site.



Why is the ROBINSON project appealing in Norway?

Interview with Frank Emil Moen, Managing Director at Energy Innovation AS

Energy Innovation (EI) is a centre for training, certification, education, business development, innovation and R&D in the field of onshore and offshore wind power and green tech. In the ROBINSON project EI is involved in all work packages, being the local coordinator at Egersund for the Eigerøy main demo.

For Frank Emil, 'The ROBINSON project has already had considerable attention not only on local and regional level, but also on national and international level. The idea of introducing and **demonstrating a smart integrated fully renewable energy system**, avoiding a costly and very visible new grid, as well as large CO2 emissions, is for sure appealing.



[CLICK HERE TO READ THE FULL ARTICLE](#)

ROBINSON UNDER THE SPOTLIGHTS

The ROBINSON project was presented in numerous events in the last months: [EU Sustainable Energy Week \(EUSEW\)](#), the [International Gas Turbine Conference \(IGTC\)](#), the [Low Emission Advanced Power Workshop \(LEAP\)](#)

or the [Ecomondo conference](#). Partners presented the different technologies that will be implemented and contributed to the visibility and reputation of the project.

New events are coming!

- Virtual exhibition at the [15th SET Plan conference](#) held by Slovenian Presidency of the EU Council – 25 – 26 Nov. 2021
- Virtual exhibition at the [ENLIT Europe Conference](#) – 30 Nov - 2 Dec 2021



If you no longer wish to receive this newsletter, please let us know by writing us an email: info@robinson-h2020.eu



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement N° 957752. The information and views set out in this website are those of the authors and do not necessarily reflect the official opinion of the European Union.

THE ROBINSON PROJECT CONSORTIUM



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement N° 957752. The information and views set out in this website are those of the authors and do not necessarily reflect the official opinion of the European Union.