



## Newsletter #5

Follow us!



## ROBINSON'S TECHNICAL UPDATE

After 57 months of activities implementation, the ROBINSON project is coming to an end. Since 2020, our Consortium acquired relevant learnings and developed best practices in the development of innovative energy management systems. Our project partners have hence ensured the legacy of ROBINSON beyond its duration.

Among the main results, project partners tested the use of technological components such as the AD-BES and the CHP in the demonstration sites in Eigerøy (Norway), confirming the reliability of the solutions.

Project partners involved in Work Package 3 on "EMS for European Islands simulation and integration" completed a validation report of the EMS (Energy Management System) for Eigerøy island and the follower islands. Such tasks highlight the contribution of ROBINSON in the development of an integrated and advanced EMS.

Among its main achievements, partners in Work Package 4 on "ROBINSON system demonstration on Eigerøy" achieved the opening of the hydrogen production site in Eigerøy in February 2024.

Under the leadership of PSI, Work Package 5 on "Sustainability assessment" achieved significant results. A novel optimisation framework was developed, with the aim of optimally designing multi-energy systems.

Work Packages 6 on "Business planning, replication", led by Technical University of Crete, has also brought to valuable contributions. Within the project duration, our partners collaborated in the development of the [ROBINSON Evidence Base](#), which aims at supporting external decision makers in their replication plans.

ROBINSON partners finally provided large visibility to the project, by participating to a total of more than hundred events and obtaining the publication of 15 journal articles and conference papers since October 2020. All publications are [accessible on the ROBINSON website](#). During the last year of activities, project partners also ensured the participation of ROBINSON at BRIDGE Working Groups on Business Modelling, Consumer and Citizen Engagement, Data Management, and Regulation.



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.

## NEWS FROM THE ROBINSON Project

### Interview with ROBINSON project partner PSI

Within ROBINSON, the Paul Scherrer Institute (PSI) supported the evaluation of the energy system concept and led the tasks on sustainability and economic assessment – hence addressing the economic, environmental, and social concerns. To know more on the environmental life cycle and the techno-economic assessment conducted for the ROBINSON case studies, we interviewed Tom Terlouw (Researcher, Technology Assessment Group, PSI).



Tom Terlouw,  
Researcher, Technology  
Assessment Group,  
Paul Scherrer Institute

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

## 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.