



Newsletter

Fourth Edition

We are delighted to share with you our fourth HUGE Project Newsletter. We had hoped to have been back working in a more normal manner this time around across the whole project however we are happy to announce that some of our project partners are back working close to normal. You will hear that we have had to postpone more meetings in person however we still hold out hope to see each other in person this year. As we mentioned in our last newsletter we were extremely fortunate to already be geared towards remote working because of our transnational project working in remote and rural areas. We hope you enjoy our latest newsletter and hope you wish you all the best at the start of 2021.

The HUGE Project Team



**Easing Constraints
and System Redundancy**



Creating Industry



Low Carbon Travel



**Creating
Resilient Communities**

In this edition you will find stories highlighting another virtual partner meeting, an introduction to our new Hydrogen Triple Alliance webinar, an overview of the hydrogen hotspot map, a hello to a new Scottish associate partner and more.

As always please don't hesitate to get in touch with us via our website or social media channels, all of which can be found on this page.

- Website – www.Huge-Project.eu
- Twitter – [@HUGE_Project_EU](https://twitter.com/HUGE_Project_EU)
- Facebook - [@HugeProjectEU](https://www.facebook.com/HugeProjectEU)
- YouTube - The HUGE Project
- LinkedIn - HUGE Project EU
- Email - info@huge-project.eu





Virtual Project Meeting

In the last newsletter we discussed how the HUGE Project were early adopters of the Microsoft Teams app pre-pandemic and use it every two weeks for our partner meetings. We were therefore able to transition to a virtual partner meeting rather than our planned meeting in May in the Faroe Islands easily and quickly. We again had to postpone our Faroe Islands trip, this time in December and keep up our new model of online working.

We had two days of productive discussions with the HUGE team. The first day we discussed techno economic assessment work led by Action Renewables, and covered elsewhere in this newsletter, in combination with, business modelling work led by LUT.

Both work packages contribute for the creation tailored business case studies for viable techno economic hydrogen projects in each of the respective regions of the HUGE project. All of this work will be made available through our HTT platform, developed by NUIG.

In addition to this work, the platform offers to users hydrogen training courses, best case examples in housing and infrastructure and much more. We still hope to get to the Faroe Islands in 2021



Triple Alliance Webinar

Hydrogen Triple Alliance

In the last newsletter we introduced you to the Hydrogen Triple Alliance, a partnership between HUGE and two other European funded projects, GENCOMM, and SEAFUEL. aiming to secure a wider reach, extending into other communities and combining data from these three green hydrogen projects.

The Hydrogen Triple Alliance is a natural step in driving the green hydrogen transition. In order to progress and reach current climate goals, co-operation is a must and the ideas used in the projects currently being deployed can be utilised as an inspiration for other local communities.

We are launching a new webinar to introduce the alliance and discuss green hydrogen issues:

How Can Renewables Sustain Resilient Communities?

Utilising hydrogen to increase coastal sustainability

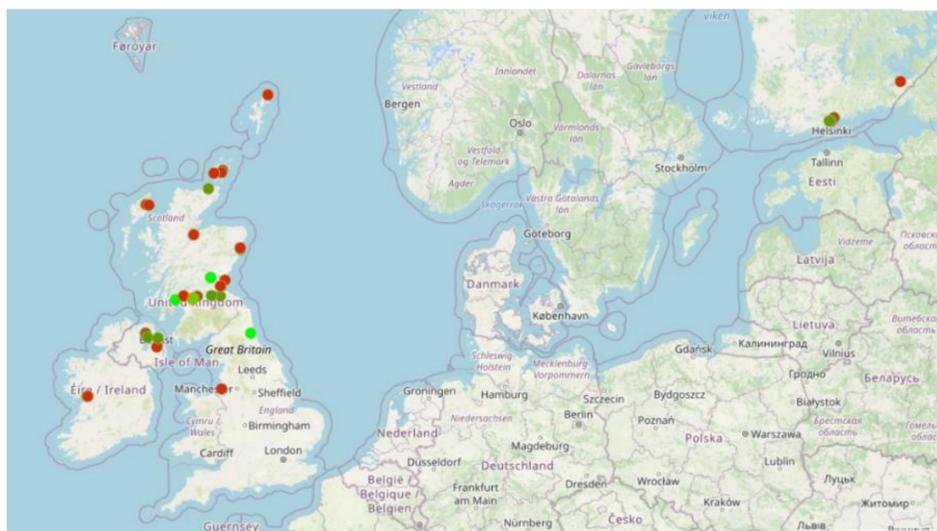
18th February 2021 at 10:00 GMT/11:00 CET

Please click below to register for the webinar:

<https://event.webinarjam.com/register/153/10088hw1>



Hydrogen Hotspot Map



As part of the HUGE project we set out to try and find a way of visualising the hydrogen supply chain across the Northern Periphery and Arctic Area. In order to begin this process the project partners faced a range of challenges including trying to define what the supply chain was, identifying sectors within that supply chain and also the fact that with different regions of the NPA represented, there may be different definitions of each area of the supply chain. With these issues discussed and solved, a template was created and populated by each project partner and used to develop a list of Hydrogen producers, infrastructure developers, end users, researchers and filling stations.

A partner was sought with the relevant geographical information skills to help to develop the visualisation of this map and together HUGE and the partner created a map showing where across the project partner regions each supply chain actor is located.

The map enables the user to see where any supply chain actor is located and that enables them to pick out any clusters which might show that there is a lot of activity in a certain area. Then, if interested in knowing more about any of the actors a user can zoom in on an area, click on any of the hotspots and get a pop up with further information setting out the company name, which supply chain area they fit in, some information about the company, any internet addresses or contact details the user may want.

Initial impressions of the map are that there is a clustering of hydrogen activity in Scotland, which chimes with the understanding we may have had in advance. While the map is a snapshot of any one time, it has been recognised that it focuses on only our project partner regions at this point. We are working to rectify this through our network of associate partners who are located in other countries outside of the project partners.

It is intended that the map will continue to evolve as the project continues and as more companies begin to carry out work in this sphere. We also understand that we are not aware of all the work that is going on in this sector and will continue to keep looking for other information that can be added to the map as the project progresses allowing the hotspots to become more clear.

For more info please contact:

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New Associate Partner 2021 Team Messages

The HUGE Project are happy to welcome a new associate partner – the Shetland Islands Council, as representative of the ORION project. The ORION project is a partnership between Shetland Islands Council and the Oil and Gas Technology Centre for the purpose of developing an energy hub in Shetland with local, national, and international significance. The new partnership aims promote our activities and share the learnings and capabilities.

HUGE project learnings will be applicable to the Shetland and its energy systems. The development of SMART island systems in Norway, the ferry system in Arran Island, the fishing industry in Faroe, and hydrogen projects in Iceland will be important to how the ORION project develops in Shetland. The aim for the ORION project team is to collaborate widely with HUGE partners and learn from their projects. We also aim to promote our activities and share our learnings and capabilities with HUGE members. As ORION partners, the Oil and Gas Technology Centre can also share their own technological capabilities.



We wanted to share some messages from some of our HUGE Project partners discussing their aspirations for the following year:

“Hydrogen energy technologies can open the path to cleaner, greener future economy, can create new perspective and opportunities. We see the importance not just in alignment with current strategic objectives but in the way of achieving sustainable development ensuring the survival and prosperity of humankind.”

Roman Teplov - Lappeenranta-Lahti University of Technology

“We are hoping to prove that H2 is a viable alternative to maritime diesel in our ferries and an important element of our plan to decarbonise our islands”

Avril Ní Shearcaigh – Aran Islands Energy Coop

We would like to hear your aspirations for green hydrogen in 2021. Please tweet us at @HUGE_Project_EU with your positive 2021 message on green hydrogen.

