

an abstract example of how an interregional partnership on MRE could look like

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Presentation Outline



1. Key Drivers
2. Current and Past Projects
3. Current Opportunities for collaboration in MRE – a Scottish perspective



Key Drivers – past and present



Smart Specialisation

European value chains not well integrated,

Improving knowledge exchange

Fostering industry-led, inter-regional collaboration to generate economies of scale, enhancing competitiveness, and generate economic growth

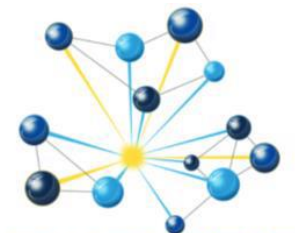


NESSIE



Work Package	Key Objective
1. Project Mgt	Overall Project Management
2. Mapping	Mapping current corrosion solutions and new materials in the offshore sector. Mapping funding options to support demonstration projects across the public and private sector
3. Road Map and Investment Plan Development	Development of Technology Roadmap for wave and tidal and offshore wind and the funding required at each stage to support the development of the technology on its path to a lower LCOE and commercialisation
4. Building the Value chain	Mapping the supply chain across the partners in relation to capability to deliver the road map
5. Scoping the demonstration cases	Scoping out the bankable/ready to invest demo cases – this will include sites, lead developers, supply chain partners and potential funding sources for the projects.
6. Communications	Communications internally and externally on the project

<http://www.nessieproject.com/>



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<https://www.nweurope.eu/projects/project-search/opin-ocean-power-innovation-network/>

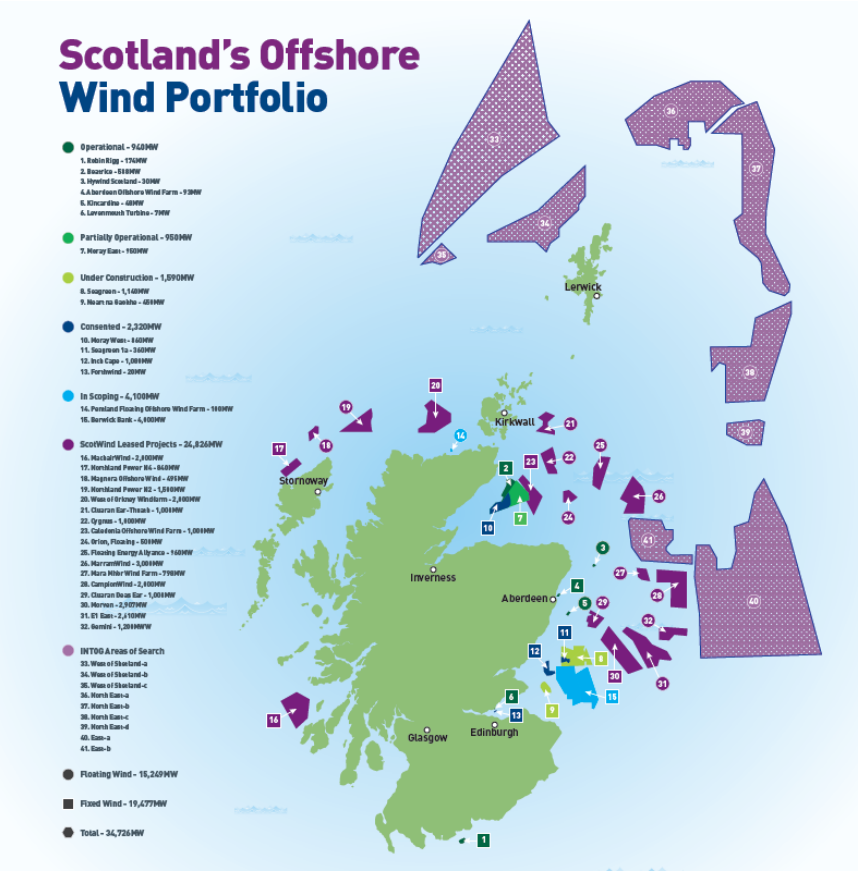
The Ocean Power Innovation Network (OPIN) is a 4-year initiative, running from 2019 to 2022. The project has a total project budget of €2.6M, with €1.5M in financial support contributed by Interreg North West Europe from the European Research and Development Fund (ERDF).

The OPIN project delivers supports to encourage both **cross-sectoral** and **cross-regional collaboration**. These supports include:

- [Annual Symposiums](#): providing networking opportunities for members
- [Workshops and Masterclasses](#): to facilitate knowledge transfer
- [Technology Assessment Processes \(TAPs\)](#): to allow companies to assess their technologies and identify potential collaborators
- [Collaborative Innovation Groups \(CIGs\)](#): to encourage SMEs to work together to solve problems in common



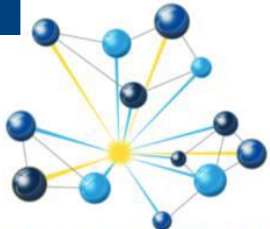
New Opportunities in Offshore Wind



Scottish Enterprise Chief Executive Adrian Gillespie welcomes the ScotWind leasing round results:

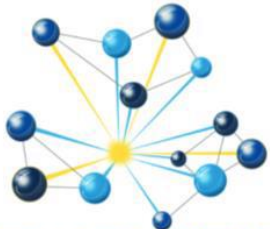
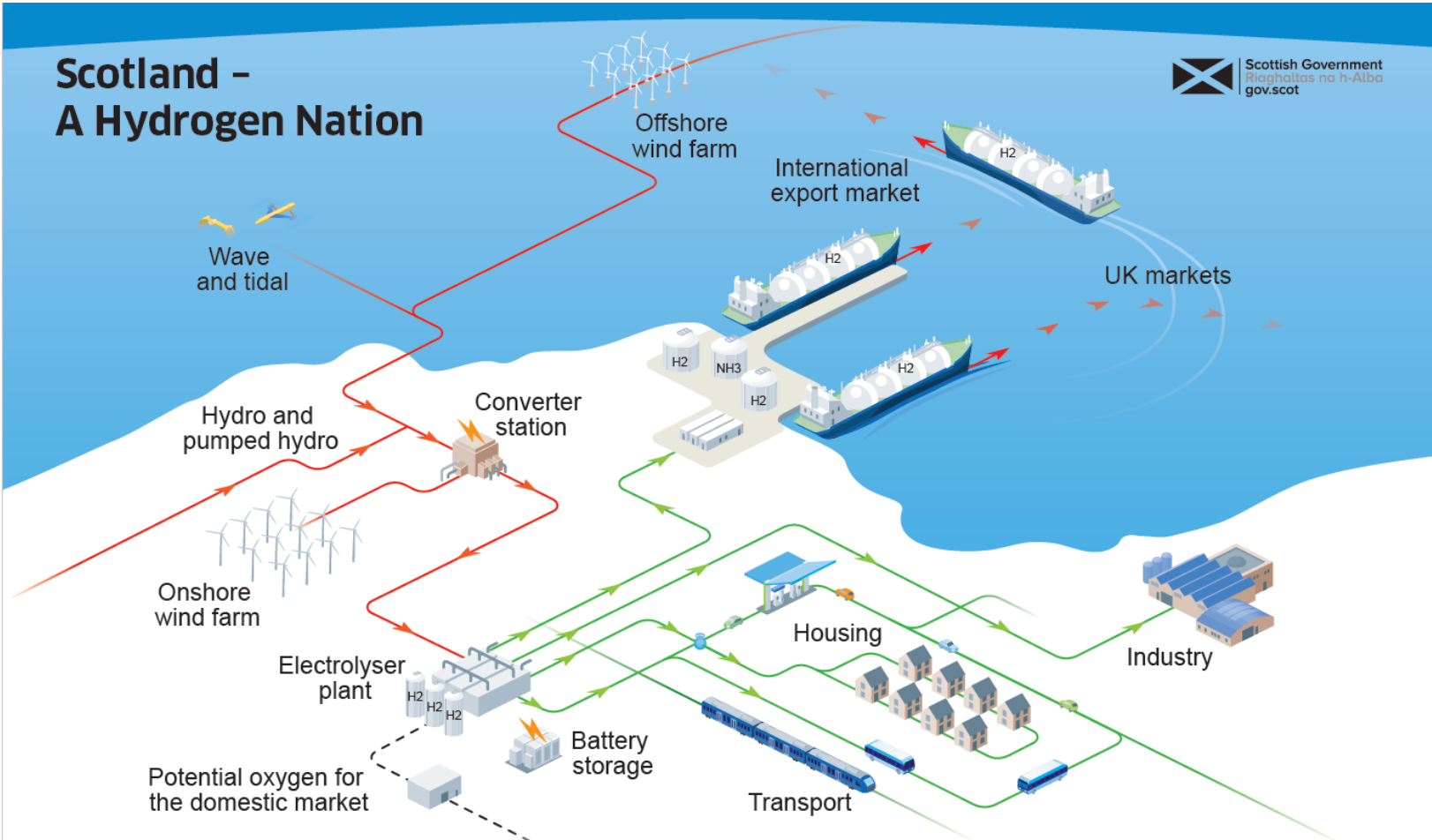
“With £700 million investment, potential power capacity of 25GW and developers of 17 projects committing to invest what could be worth billions for the Scottish supply chain this is massive news for Scotland’s net zero economy and energy transition picture...”

<https://www.all-energy.co.uk/>



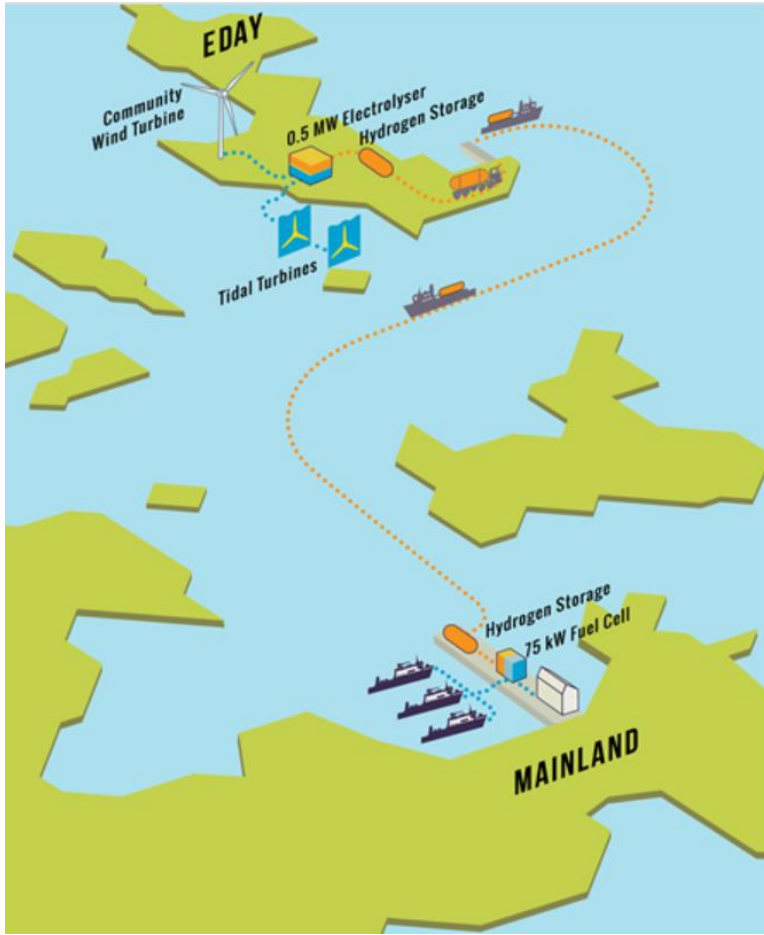
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Green Hydrogen Production



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Using offshore assets for industry and communities



human rights laws were holding up efforts to enforce a ban on anti-abortion campaigners gathering near women who are planning, or have undergone, medical procedures. Councils in England and Wales have the power to enforce the zones, although there is no nationwide legislation, unlike in Northern Ireland after Stormont voted in March to make it a criminal offence for pro-lifers to engage in "influencing" women inside "safe access zones". The legislation in England and Wales has been enacted and held up by both

...when campaigns for the zones, said the country "is already behind every other nation of the UK on addressing anti-abortion harassment". She said: "It is a stain on her government to take a back seat and rely on an opposition MSP to bring in legislation. The first minister appointed a women's health minister last year and you would think this meant that we would be at the forefront of women's rights. We are not." Grieve said that Marce Todd, the minister in question, "has made no serious attempts to stop the harassment and has shown real contempt to those

QC for CoSa, local authorities using bylaw would be a breach of the right to protest when it came to a ministerial set up to consider Rachael Clark British Pregnancy said Scottish one-sided view of the protesters. She criticised councils were

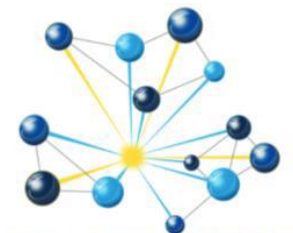
Green energy hub paints clean future for distilleries

Greig Cameron
Hydrogen and wind power could soon be used to fuel the production of the water of life. Scotch whisky distilleries on Speyside are going to be among the initial customers for a planned green hydrogen hub north of Inverness. ScottishPower and Storegga, a developer of energy projects, hope to make the clean fuel available by 2024. An onshore electrolyser north of Inverness would produce the hydrogen using renewable energy. The fuel would

then be available to be transported to sites around the Highlands. A feasibility study involving whisky giants such as Diageo, Whyte & Mackay and Glenmorangie was carried out last year. All three are expected to be among the customers for hydrogen from the new facility. The initial phase will involve a 50 megawatt electrolyser that can produce up to 20 tonnes of hydrogen a day. There is the potential for that to rise to 300 megawatts if demand from other areas, such as transport, marine industries and heating, comes through.



The Scotch Whisky Association, the industry trade body, last year set out ambitions to be carbon neutral by 2030. Much of the carbon emissions for distilleries come from burning oil or gas to create the steam to heat the stills during the spirit-making process. ScottishPower and Storegga, they saw the Cromarty hydrogen as the first of many that could be across Scotland. Barry Carruthers said: "This is a really exciting milestone in our ambitions to support the of green hydrogen production."



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Thank You

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