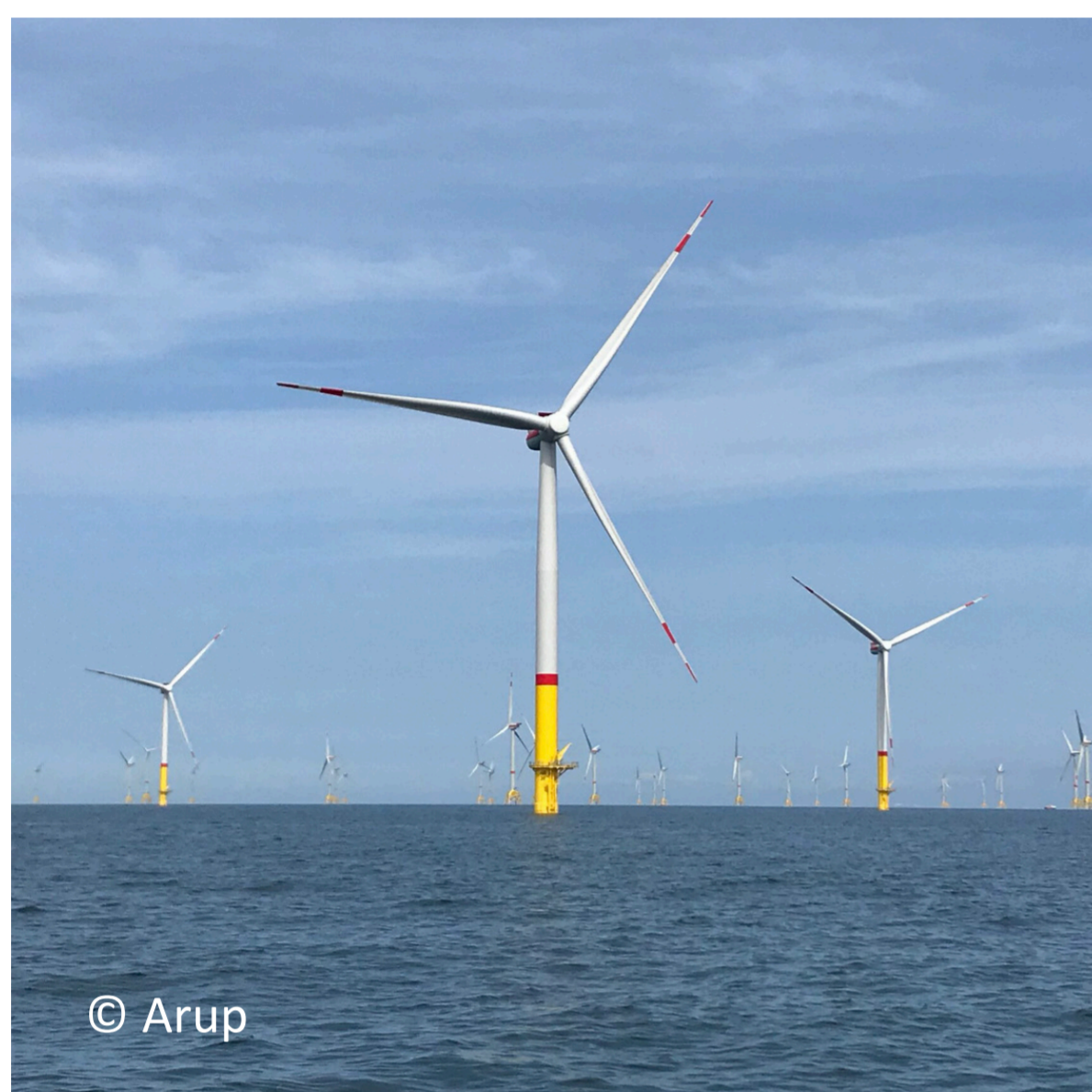


# Other local and regional groups working towards a decarbonised energy system



## Blue Gem Wind

Blue Gem Wind is a partnership between Simply Blue Energy and TotalEnergies to develop floating wind projects in the Celtic Sea. Their ‘Erebus’ 96MW project is currently the only project with an agreed Crown Estate lease. Blue Gem Wind will initially focus on the Erebus demonstration project which is 45 km offshore. Delivering the Celtic Sea’s first offshore floating wind project will provide green energy to 90,000 homes per year and will utilise Principle Power’s Windfloat technology as the foundation. Blue Gem Wind also plan the development of the commercial scale 300MW Valorous project, which will be sited 50km off the south-west coast of Pembrokeshire by 2029

For more information, contact: David Jones (David.jones@bluegemwind.com)

## Other offshore wind generation projects

DP Energy and EDF Renewables are scoping floating offshore wind and Green H<sub>2</sub> opportunities in Pembrokeshire and the Celtic Sea. DP Energy is using its 30-year project development expertise across wind, solar and ocean energy worldwide and have partnered with EDF to deliver up to 1 GW floating wind farm in the Celtic Sea.



## Local vision and plans

It is PCC’s and PoMH’s vision for Pembrokeshire to be the home to a vibrant clean energy cluster, the bedrock for the UK’s hydrogen economy, supported by Offshore Renewable Energy Catapult (OREC). The ‘Future Haven Waterway Clean Energy Cluster Group’ has been established to position Pembrokeshire as the UKs clean energy and hydrogen hub. Representation includes but is not limited to: PoMH, PCC, Stephen Crabb MP, Blue Gem Wind, Industry Wales, SWIC, Valero, South Hook LNG, OREC, RWE, Prosperity Energy, ERM, Marine Energy Wales, Cambrian Offshore, Dragon LNG.

In addition to the large-scale hydrogen production plans by SWIC and RWE, there are local plans to develop sites for large scale hydrogen production. An upcoming North Pembrokeshire hydrogen project, part of the Haven Waterway Enterprise zone will aim to help decarbonise the Pembrokeshire region, in particular transport applications. The planned developments could include a 50MW solar farm with battery storage and 15 MW electrolysed green hydrogen production for road and rail transport by 2025.

For more information on the Future Haven Waterway Clean Energy Cluster Group, contact Anna Malloy (anna.malloy@mhpa.co.uk)