Net Zero Technology Centre

Technology Driving Transition

Infrastructure and Technology Opportunities for the UK's New Energy Solutions

Our purpose is to develop and deploy technology for an affordable net zero energy industry

Research & Technology Development Projects

Co-investing with industry to fund and develop technology projects, working in partnership with trailblazing technology developers.

TechX Accelerator & Growth Programmes

A 15-week programme for innovative clean energy start-ups with potential to significantly accelerate the transition to an affordable net zero energy industry.

Net Zero Technology Services

Insights and foresights on emerging technology to inform and accelerate Net Zero investments and strategies

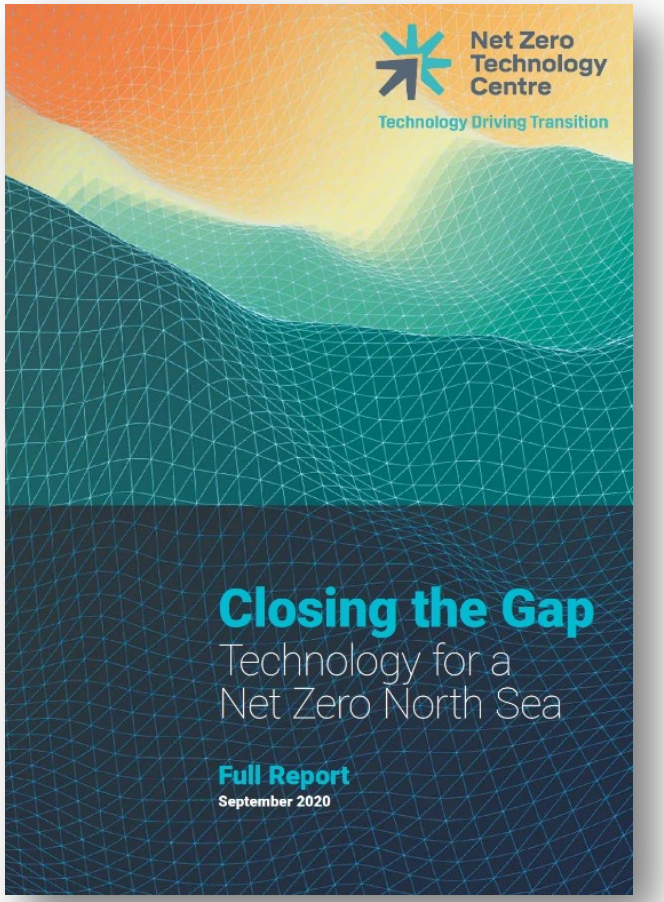
Net Zero – The UK Opportunity

Closing the Gap

Technology for a Net Zero North Sea

Scottish Government
Riaghaltas na h-Alba
gov.scot

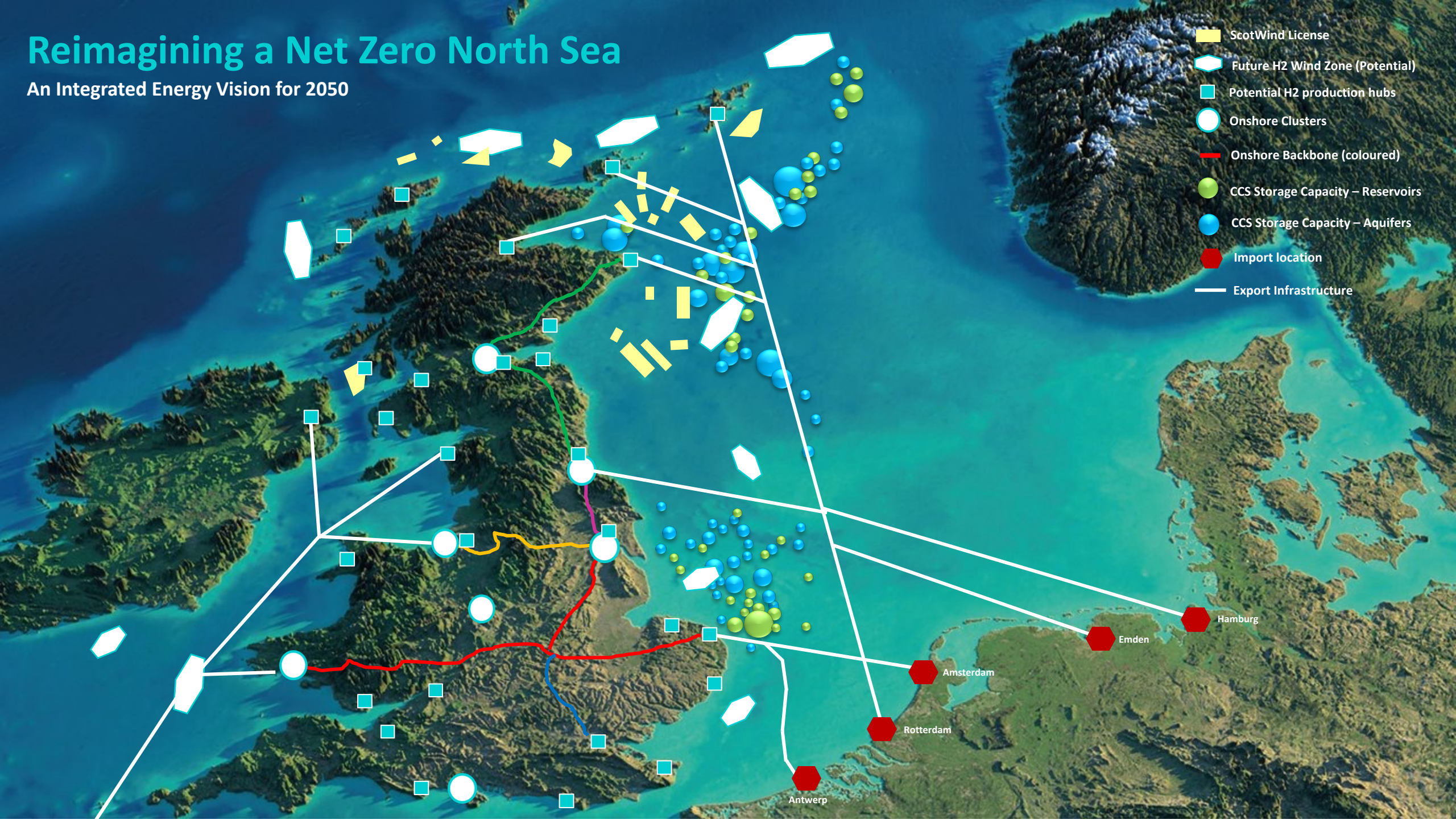
Net Zero Technology Centre
Technology Driving Transition



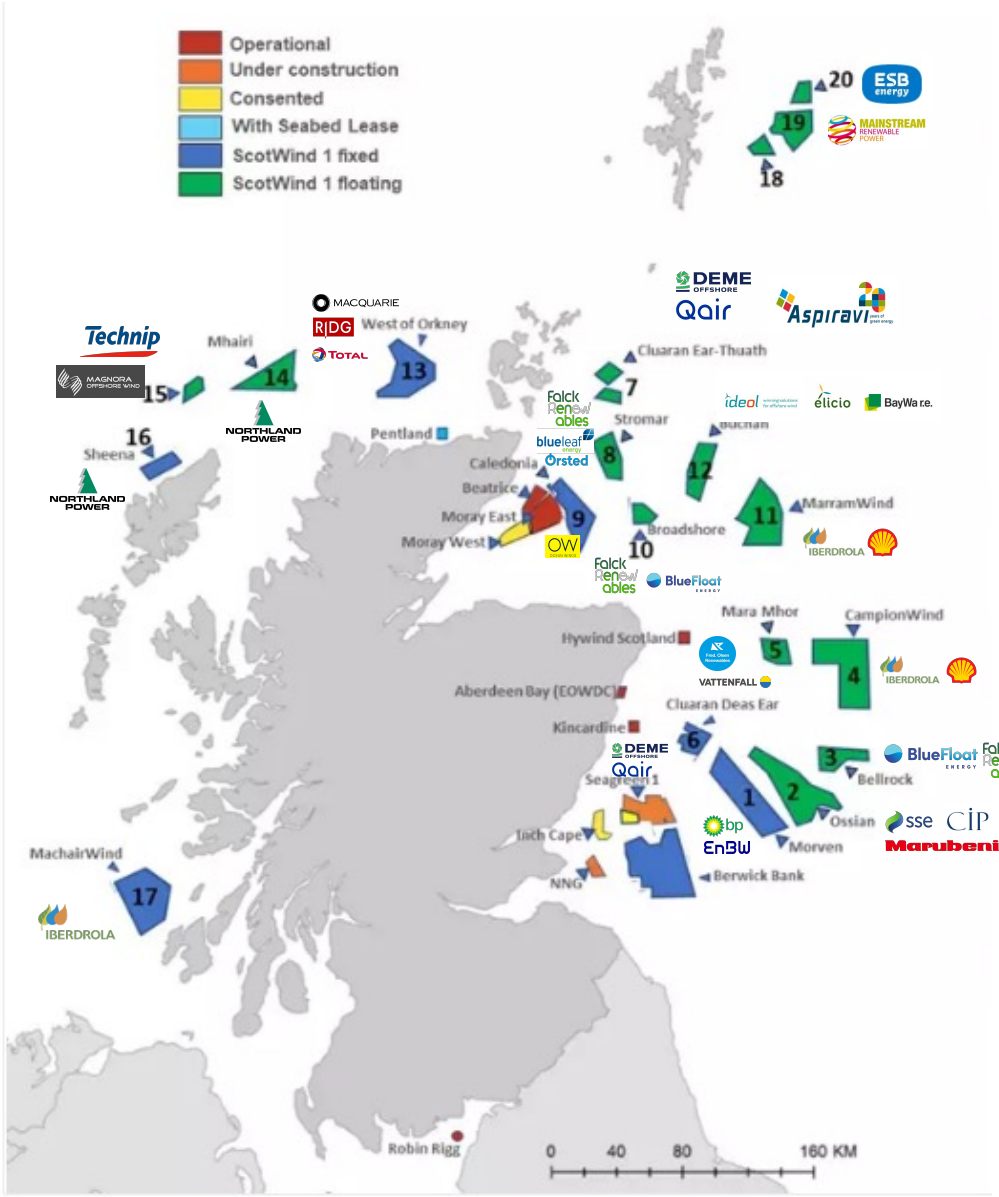
	Oil & Gas	Off. Wind	Hydrogen	CCS	Annual Revenue
2020	£15Bn	1			£17Bn

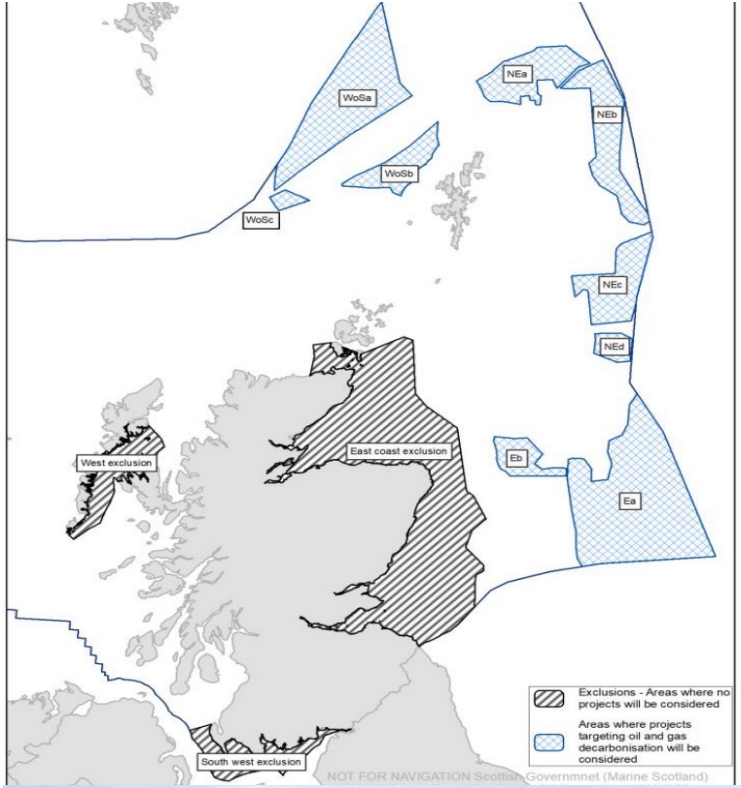
Reimagining a Net Zero North Sea

An Integrated Energy Vision for 2050



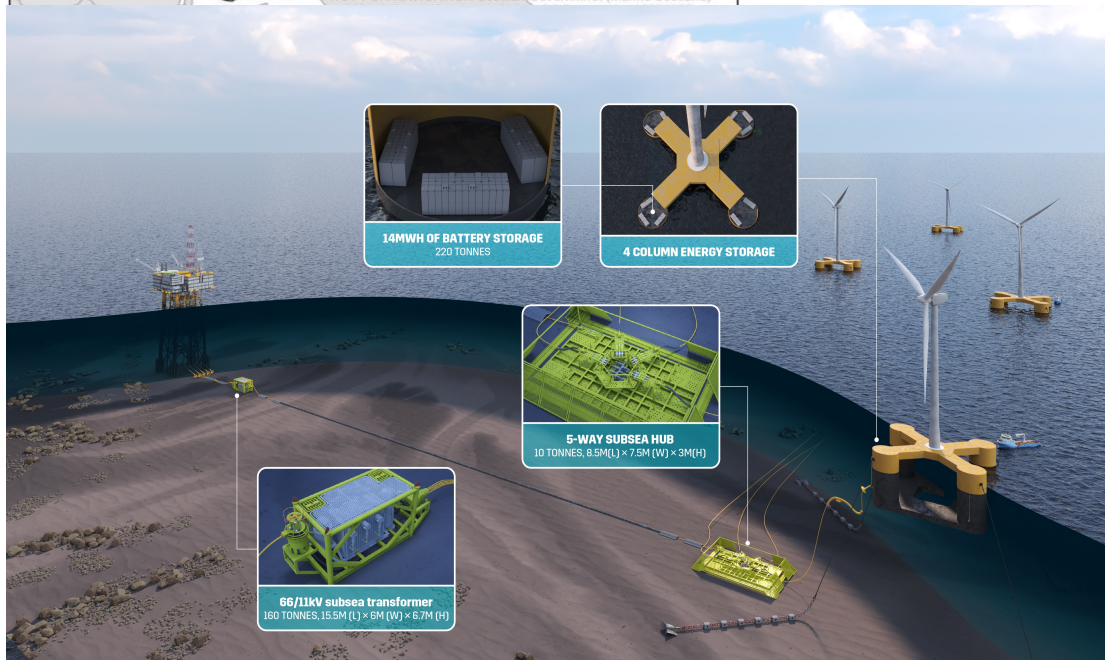
SCOTWIND 27.6 GW





INTOG 5.7 GW

WINTOG Launch Project



CATAPULT Offshore Renewable Energy

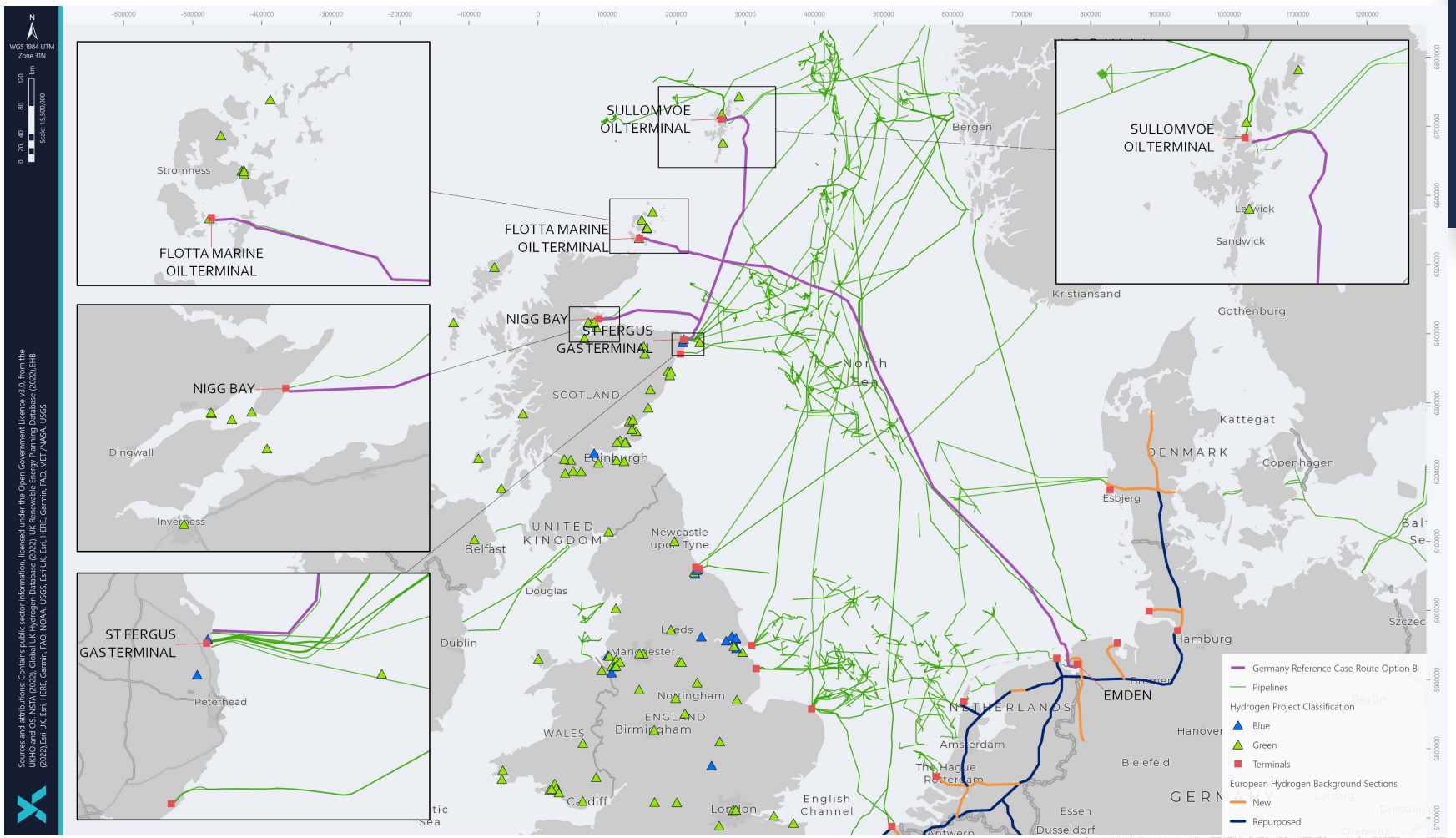
SIEMENS energy

XODUS

subsea 7

Hydrogen Backbone Link

NZTTP Programme



- Routes
- Costs
- IRR
- Sensitivity Analysis

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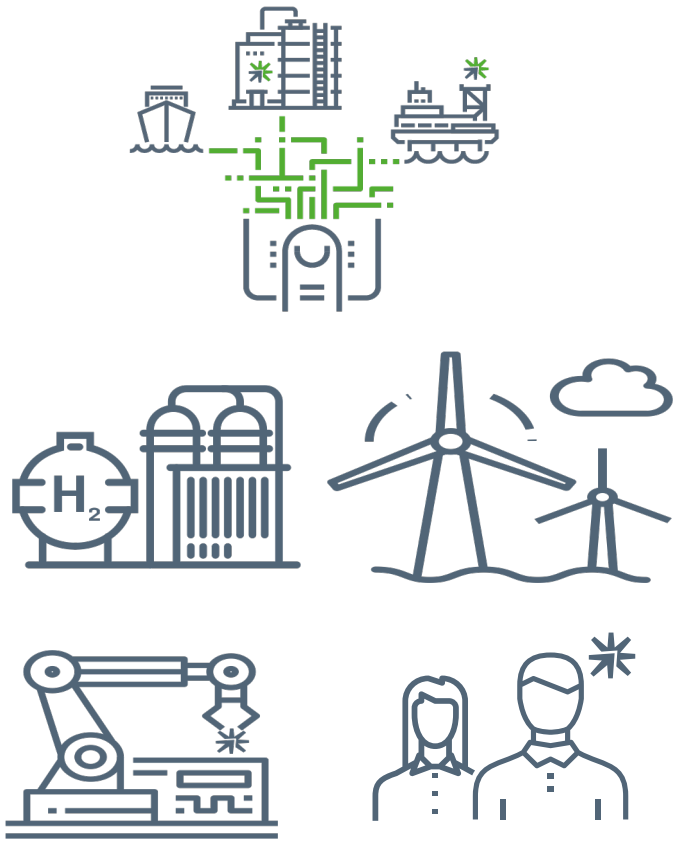
Identifying key opportunities and technologies to deliver the nations future low carbon energy requirements



The Scottish Government
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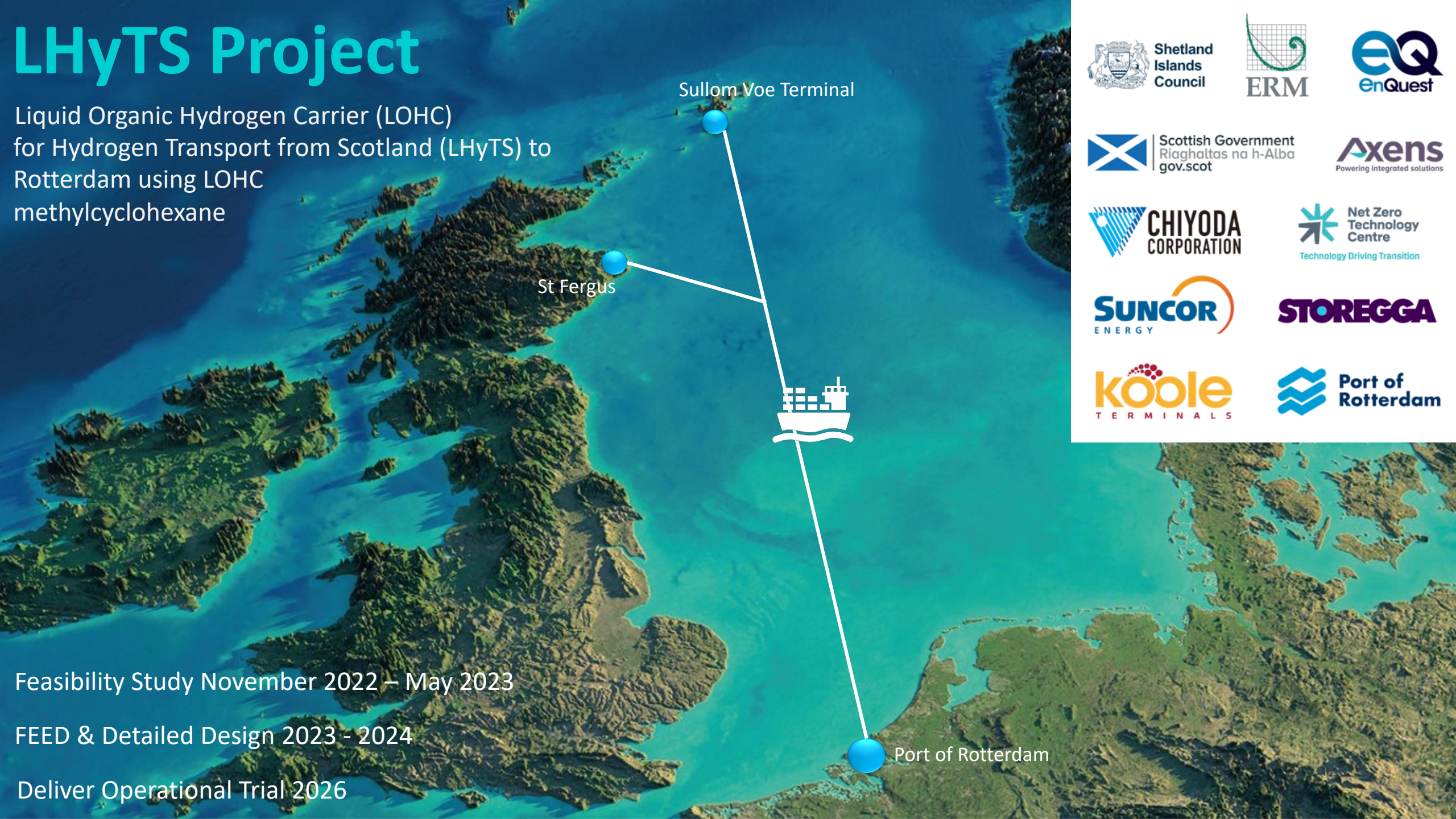
LHyTS Project

Liquid Organic Hydrogen Carrier (LOHC) for Hydrogen Transport from Scotland (LHyTS) to Rotterdam using LOHC methylcyclohexane



Feasibility Study November 2022 – May 2023

FEED & Detailed Design 2023 - 2024

Deliver Operational Trial 2026

Shetland Islands Council

ERM

enQuest

Scottish Government
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Axens
Powering integrated solutions

CHIYODA CORPORATION

Net Zero Technology Centre
Technology Driving Transition

SUNCOR ENERGY

STOREGGA

koole TERMINALS

Port of Rotterdam

Powering a clean future

Net-zero technologies in action for a greener UK

accenture | Net Zero Technology Centre — Technology Driving Transition | technology leadership board

The Technology Driving Green Energy report, produced by the Technology Leadership Board, Net Zero Technology Centre, and Accenture, highlights opportunities in hydrogen, floating offshore wind and carbon capture and storage technologies, exploring the innovative solutions required to meet the North Sea Transition Deal Commitments.

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https://www.netzerotc.com/reports-publications/technology-driving-green-energy-growth

Industry and Government must act now to rapidly develop and de-risk technologies at scale

The Call to Action

INDUSTRY TO:

Develop, test and deploy technology

GOVERNMENT TO:

Sponsor and champion test and demonstration centres

TOGETHER TO:

Ensure development of a robust infrastucture, scaling up the UK supply chain

Thank You

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