



Navigating the port towards net zero

Roddy James, Chief Commercial Officer

8 February 2024

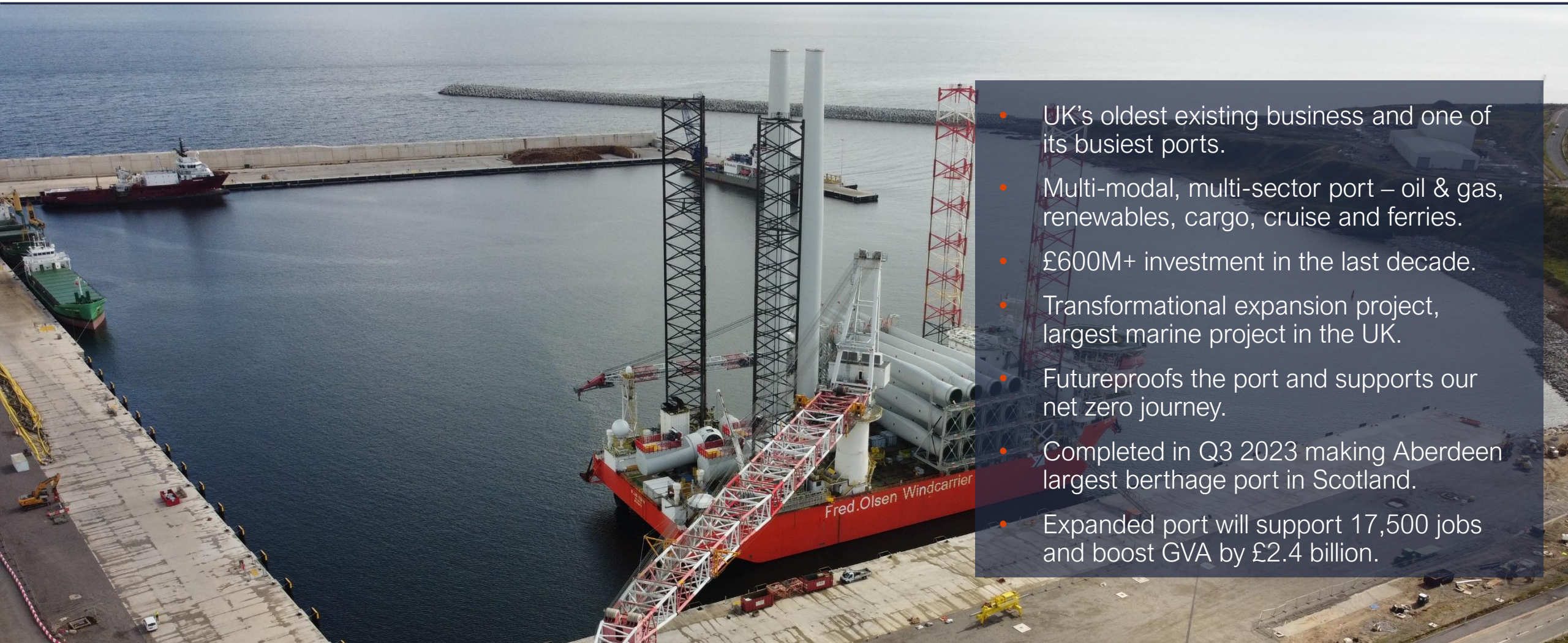
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Agenda

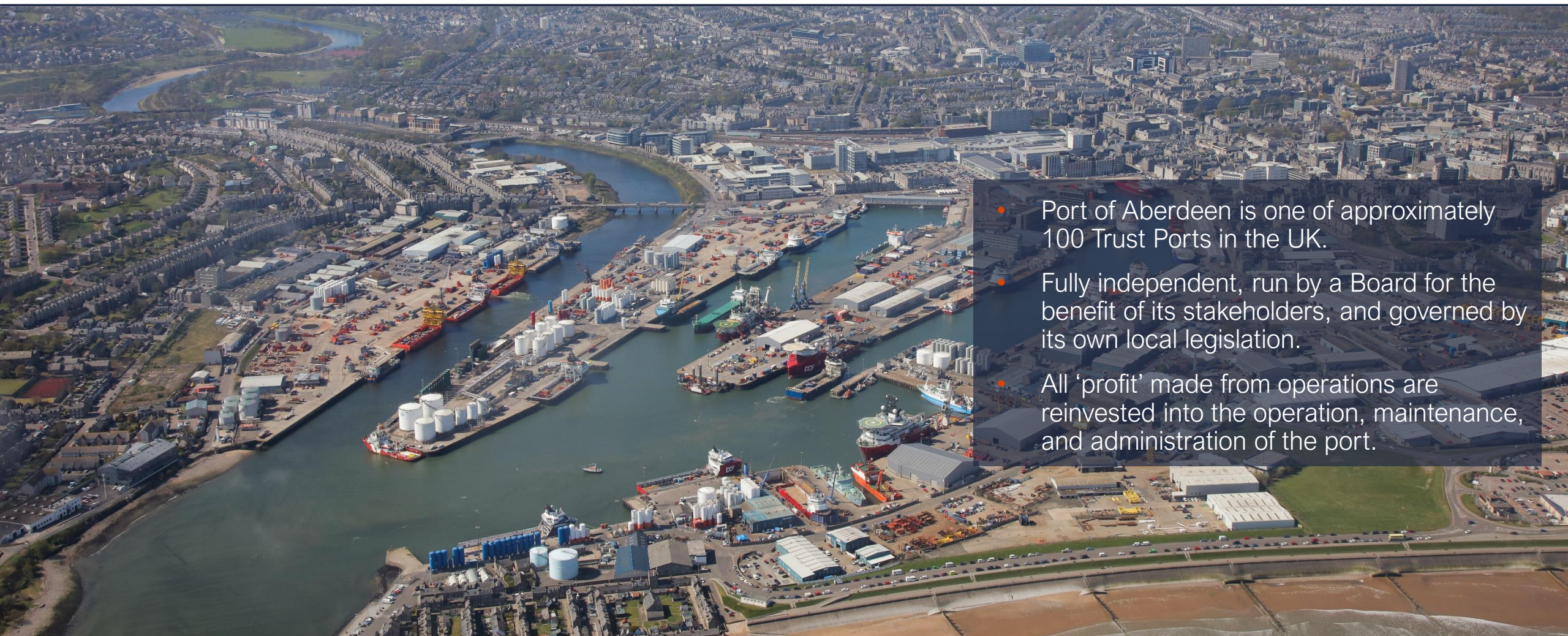
- Introduction
- Our Trust Port status
- Strategic framework
- Net zero by 2040
- Current maritime and innovation projects
- The future and the challenges

Introduction – building for the future



- UK's oldest existing business and one of its busiest ports.
- Multi-modal, multi-sector port – oil & gas, renewables, cargo, cruise and ferries.
- £600M+ investment in the last decade.
- Transformational expansion project, largest marine project in the UK.
- Futureproofs the port and supports our net zero journey.
- Completed in Q3 2023 making Aberdeen largest berthage port in Scotland.
- Expanded port will support 17,500 jobs and boost GVA by £2.4 billion.

Our Trust Port status



- Port of Aberdeen is one of approximately 100 Trust Ports in the UK.
- Fully independent, run by a Board for the benefit of its stakeholders, and governed by its own local legislation.
- All 'profit' made from operations are reinvested into the operation, maintenance, and administration of the port.

Strategic framework – a strong formula for success

Our purpose



To create prosperity for generations.

Our vision



To become Scotland's premier net zero port, offering world class facilities and services, at the heart of the nation's energy transition efforts.

Our mission



To connect our customers to what they need, where and when they need it, through innovation, commitment, and environmental sustainability.

Our strategic priorities



Customers & Growth



Land, Facilities & Assets



Environment



People & Culture



HSSQ



Communication & Engagement

Industry-leading net zero strategy

All activity led by our industry-leading net zero strategy and backed with £55 million of investment over next 10 years.

Of the 55,000 tonnes of CO2 equivalent emitted in 2019, over 97% came from the vessels that utilise the port (scope 3).

Port of choice for innovation and collaboration in the maritime sector.

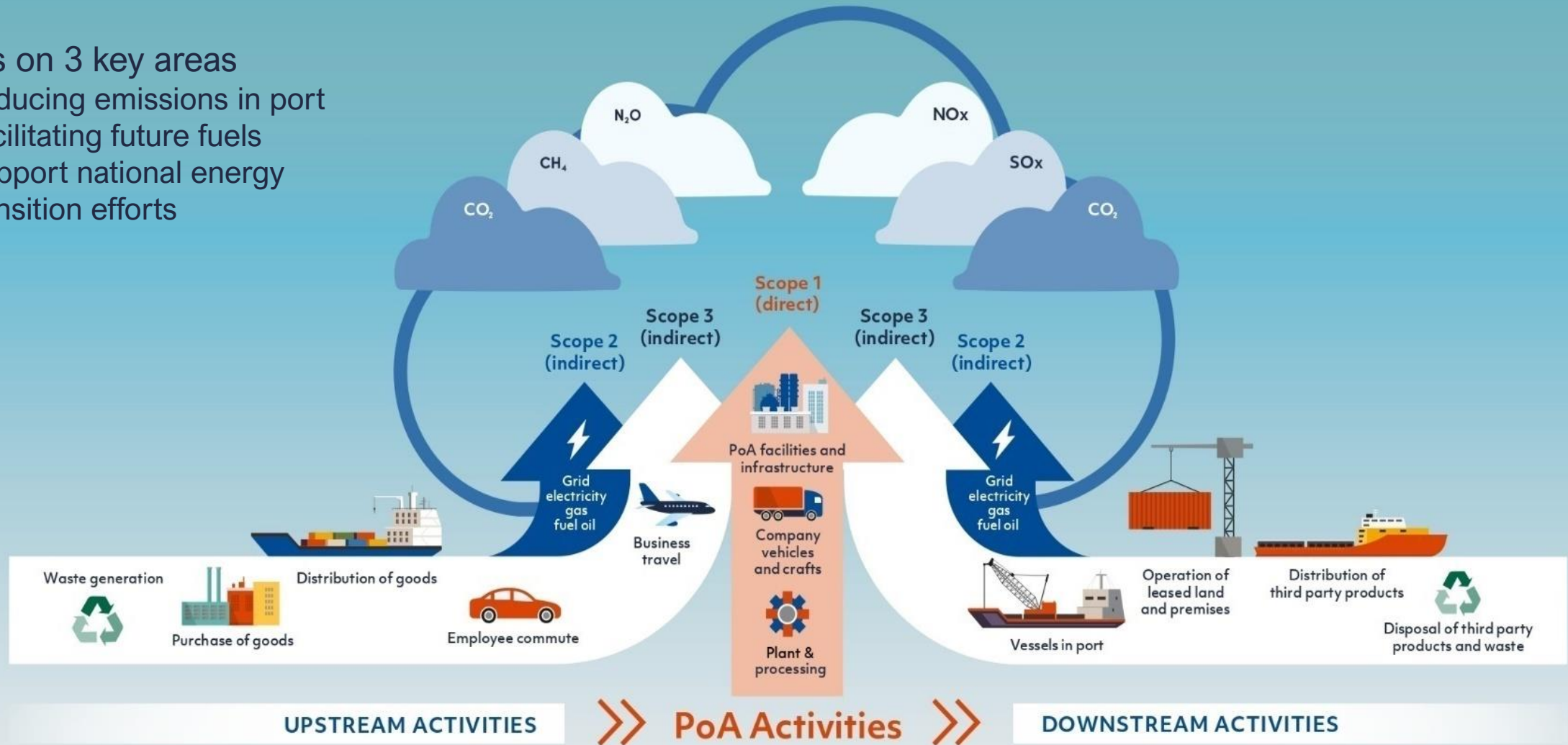
Continued public and private sector collaboration is essential to deliver this transformational change.



Targeting net zero by 2040

Focus on 3 key areas

- Reducing emissions in port
- Facilitating future fuels
- Support national energy transition efforts

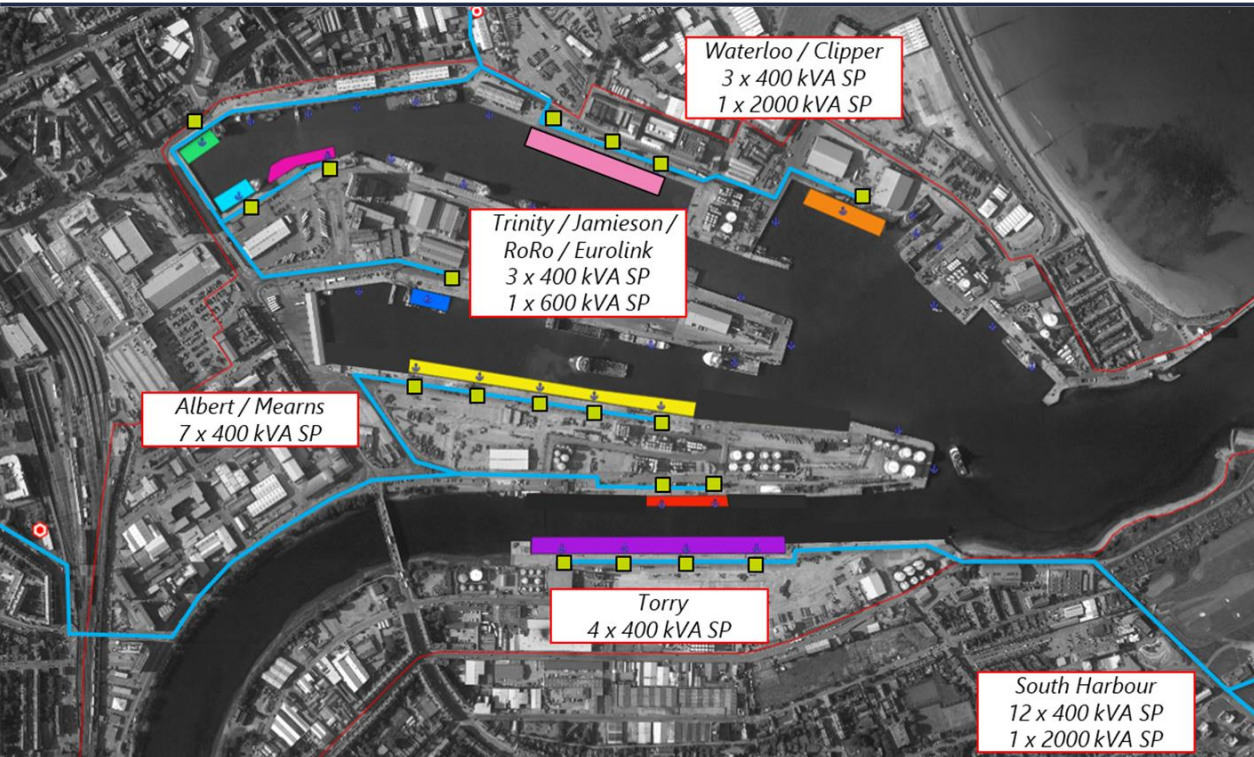


1. Reducing emissions in port



- Port of Aberdeen has implemented a robust process to devise a clear pathway to meet net zero by 2040.
- Carbon Reduction Plan has been signed off by the Board.
- Net Zero Steering Committee created to follow up on the implementation of carbon reduction actions year on year.
- Technology and innovation are key enablers of decarbonisation.

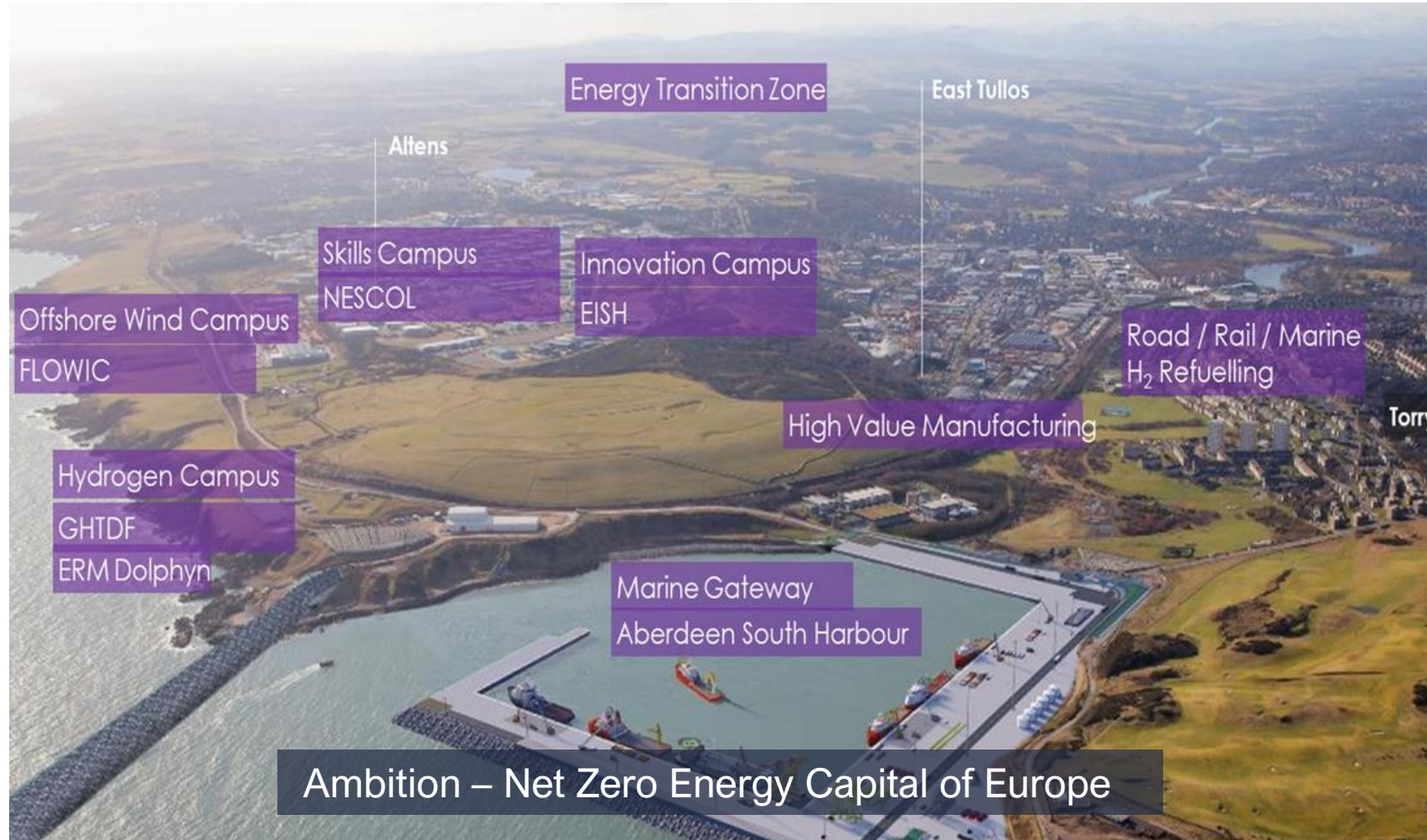
2. Facilitating future fuels



- North – ongoing program of retrofitting & repurposing.
 - Projects underway, significant CAPEX required to implement at scale.

- South – future proofed and ready for the future fuels and vessels.
 - Public co-investment / partnership in green infrastructure development and aligned economic incentives and regulation are essential.

3. Energy Transition Zone (ETZ) partnership



Current maritime and innovation projects



ZEVI

- HP Methanol Vessel Retrofit
- Shore Power - PLP & North Harbour
- Electric SOV with Methanol Range Extender

EETF - H2 Shore

Study - Underwater Hydrogen Storage Feasibility

CMDC3

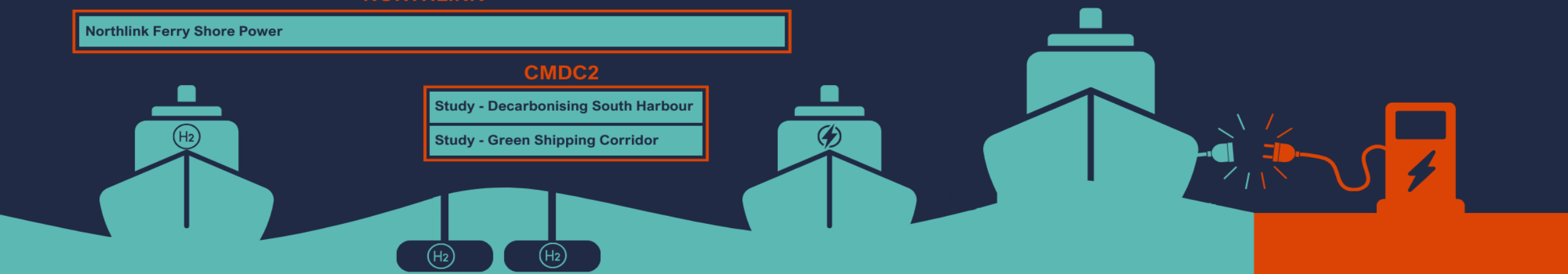
Hydrogen Innovation - Future Infrastructure & Vessel Evaluation and Demonstration (HI-FIVED)

NORTHLINK

Northlink Ferry Shore Power

CMDC2

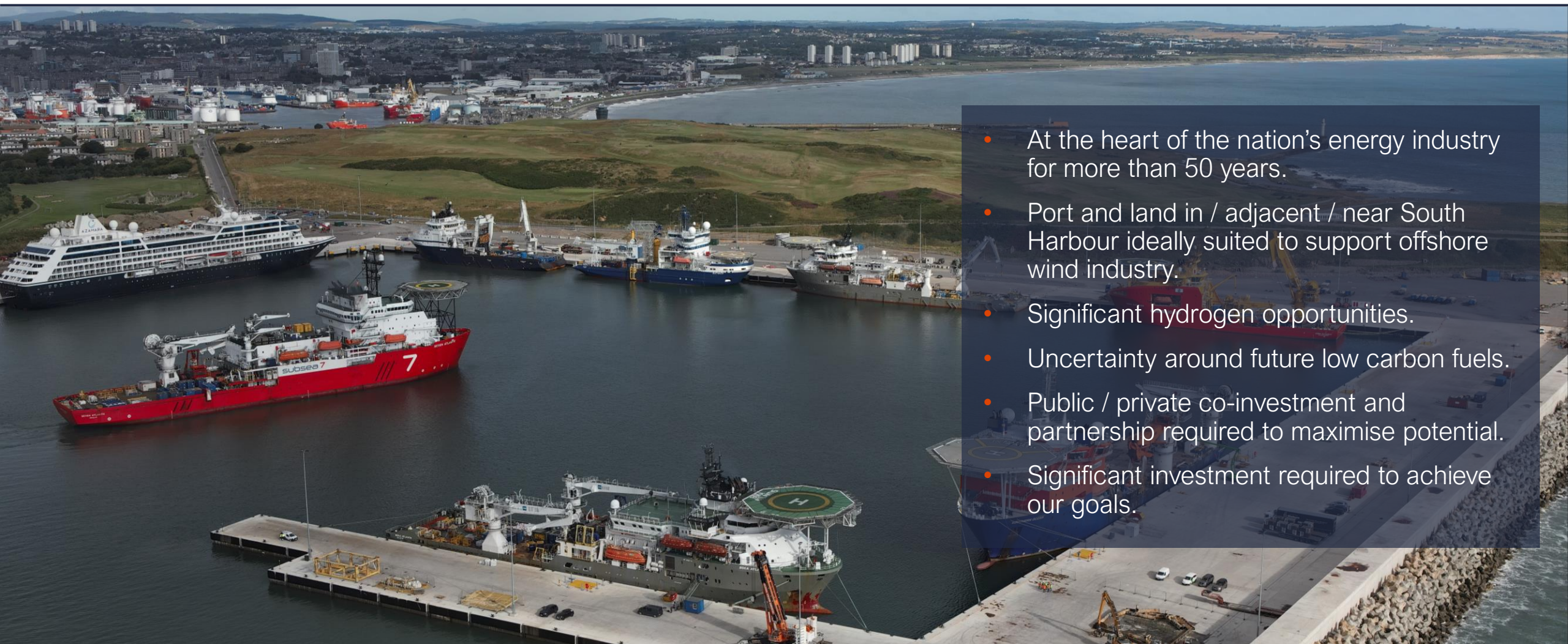
- Study - Decarbonising South Harbour
- Study - Green Shipping Corridor



Hydrogen project – ACUA Ocean



The future – and the challenges



- At the heart of the nation's energy industry for more than 50 years.
- Port and land in / adjacent / near South Harbour ideally suited to support offshore wind industry.
- Significant hydrogen opportunities.
- Uncertainty around future low carbon fuels.
- Public / private co-investment and partnership required to maximise potential.
- Significant investment required to achieve our goals.

Thank You

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