

# The role of the North Sea in the UK's path to Net Zero

Phil Kirk, President & CEO Europe  
Scottish Energy Forum

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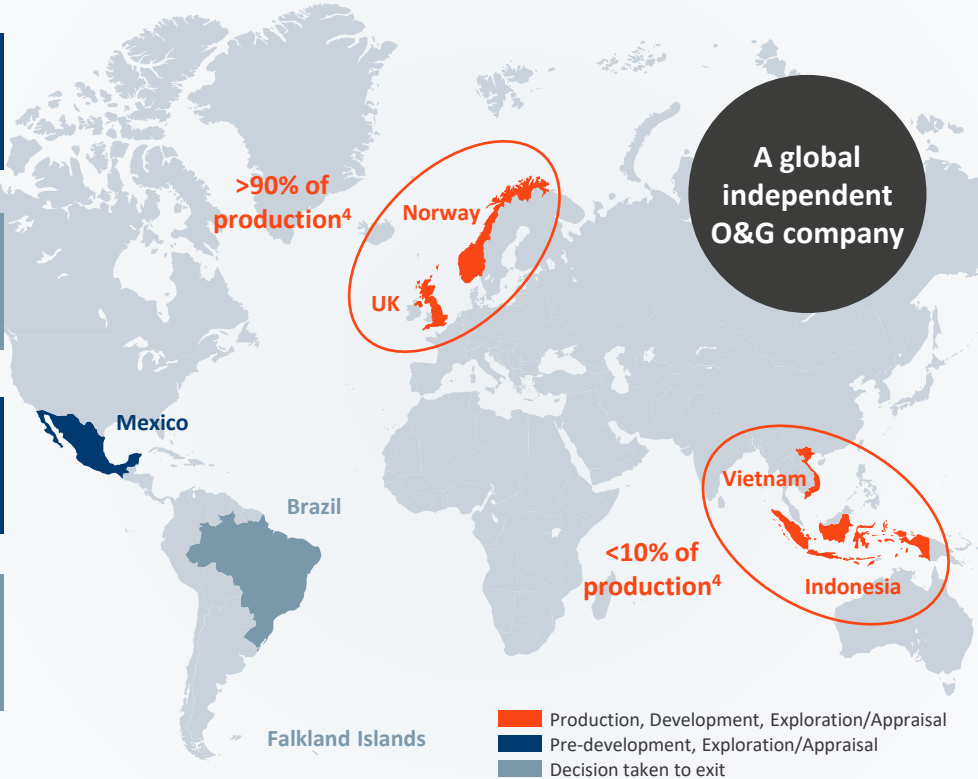
# Harbour Energy at a glance

UK business of scale with a diversified global footprint

\$4.5bn market capitalisation<sup>1</sup>

Member of FTSE 250

Target to achieve Net Zero by 2035<sup>2</sup>



\$1.5bn EBITDAX minus capex<sup>3</sup>

180 kboepd, >90% OECD<sup>4</sup>

1.2x<sup>5</sup> Net leverage

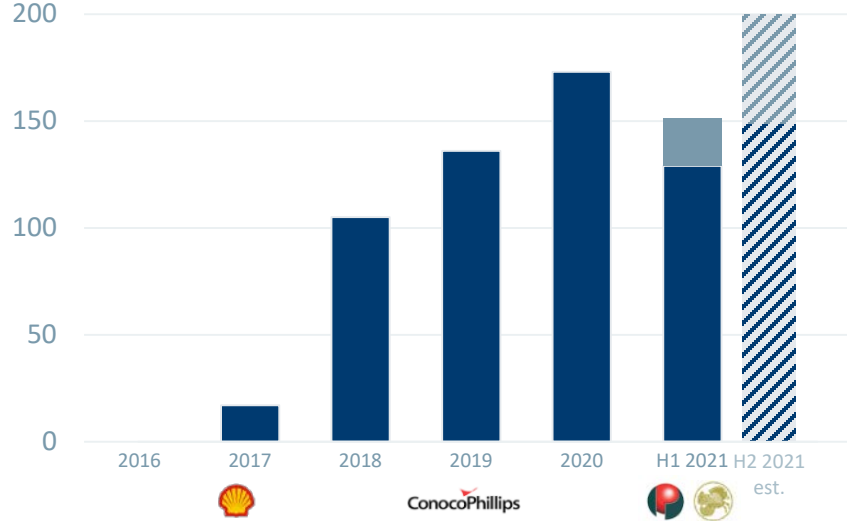
c.1,800 employees

# Rising group production profile into year end...

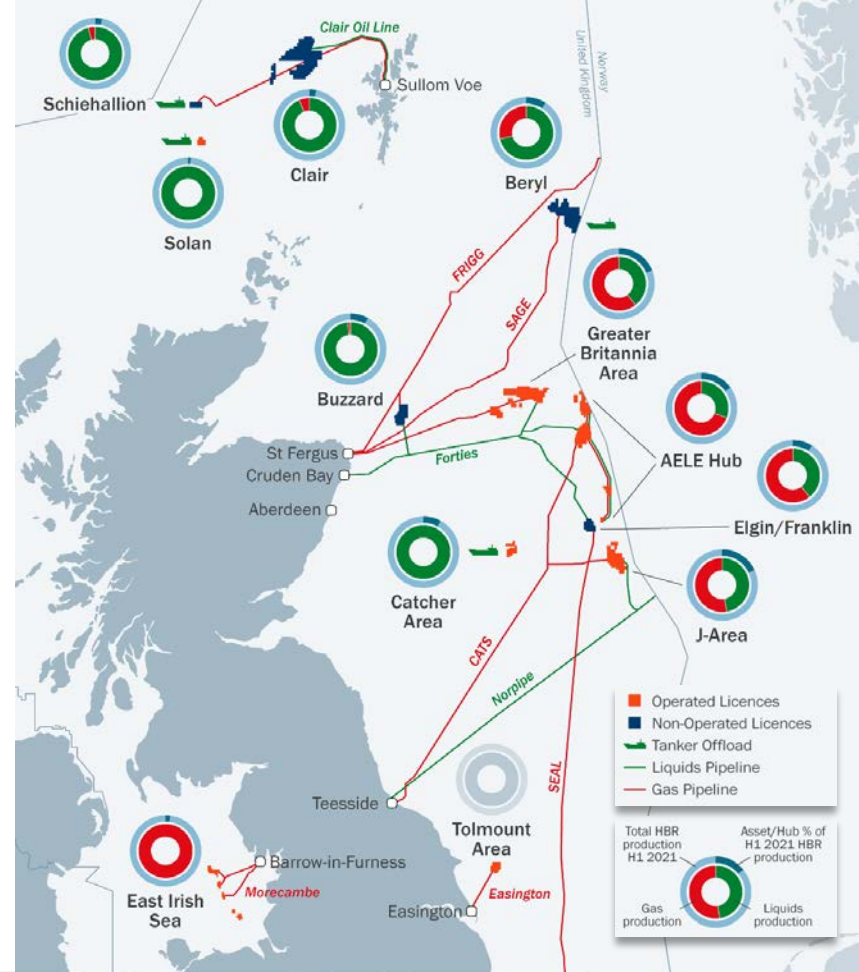
... driven by increasing UK production

## Reported production

kboepd



- Maintenance programmes completed
- Newly completed/re-instated wells expected on-stream
- Full contribution from Premier portfolio



## Addressing the Energy Transition



A COMMITMENT  
TO ACHIEVING  
NET ZERO (SCOPE  
1 AND SCOPE 2)  
GREENHOUSE  
GAS EMISSIONS  
BY 2035

### MINIMISING EMISSIONS

- Improve plant operational efficiency
- Minimise venting and flaring
- Incorporate best practice into new project design
- Screen M&A opportunities for emissions intensity

### INCENTIVISATION

- Incentives embedded in the Group's compensation programmes
- Financing cost (RBL) incentives linked to emissions performance

### CARBON OFFSETS

- Offset an increasing proportion of the Group's residual emissions year on year
- Purchase independently verified carbon offsets

### REPORTING, TRACKING & TARGET SETTING

- Standardise GHG accounting to ensure quality and accuracy of emissions data
- Independent verification of progress towards 2035

### Exploring potential investment opportunities to support a lower carbon economy

- CCS: V Net Zero and Acorn | Hydrogen: Acorn | Electrification: UK Central North Sea

## How the industry can support Net Zero



Support North Sea Transition Deal & share best practice



Partnership on high emission clusters, CCS & hydrogen

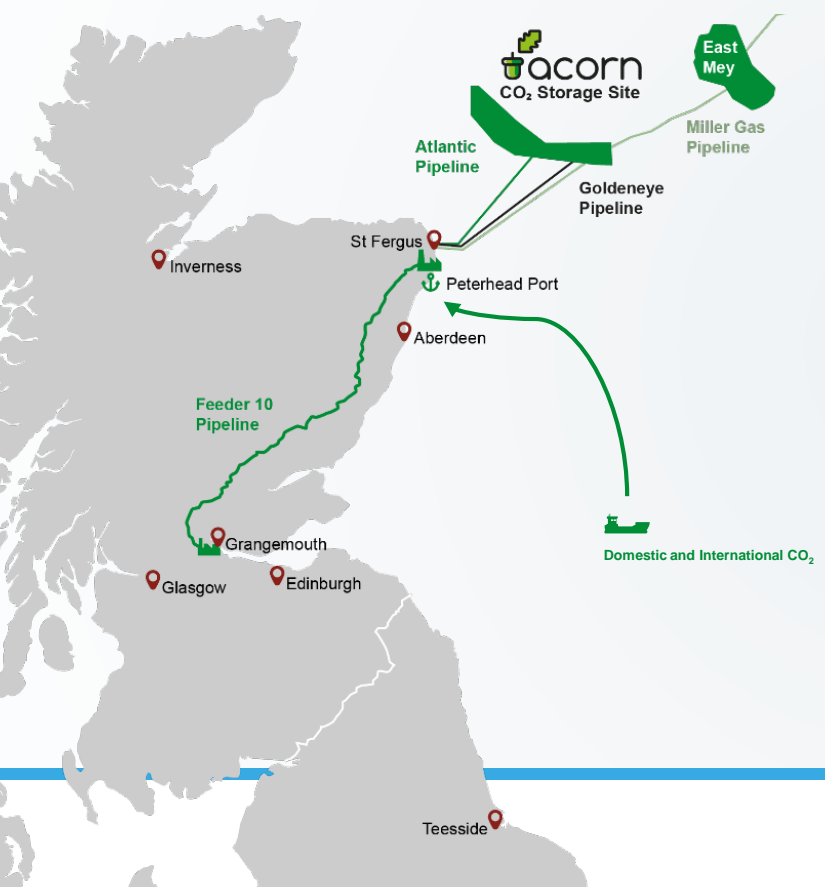


Identify and develop solutions e.g. efficiency, platform electrification, flaring

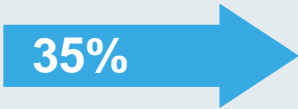


Support supply chain transition to Net Zero

# The Scottish Cluster



## H<sub>2</sub> production hub



of all natural gas currently used in the UK comes onshore at St Fergus.

## CO<sub>2</sub> import facilities



from St Fergus gas terminal, Peterhead Port offers huge development opportunities for CO<sub>2</sub> import.

## Decarbonising industry

BACK THE SCOTTISH CLUSTER



of Scotland's large site emissions are within 50km of Feeder 10, a natural gas pipeline ready for reuse.

## World class storage



of the UK's CO<sub>2</sub> storage lies within 50km of the St Fergus pipeline corridors - enabling rapid scale up to support new low carbon technologies.



**Strategic location:** Immingham SuperPlace, south of the Humber and proximity to the UK's busiest port complex.

**Highly Competitive:** lower cost to deployment by reusing key infrastructure and storage.

**Operational in Mid 2020:** with first storage by 2027 and credible route to rapid deployment for at pace capture.

**11MTPA CO<sub>2</sub> capture:** by end-2029 with 12.5MTPA by 2033, with storage in well-defined, low-risk depleted gas reservoirs.

**905MWth blue Hydrogen generation:** key enabler of hydrogen technology in the UK with immediate offtake.

**Working in Partnership:** Collaboration with Humber Zero (Phillips 66 and VPI Immingham), EPUK Investments and Prax Lindsey Oil Refinery.

## V Net Zero Cluster

An existing, highly integrated cluster that can **exceed** the UK's 2030 **Ten Point Plan** carbon capture target by the end of 2029.



EXISTING 120KM LOGGS 36" PIPELINE

