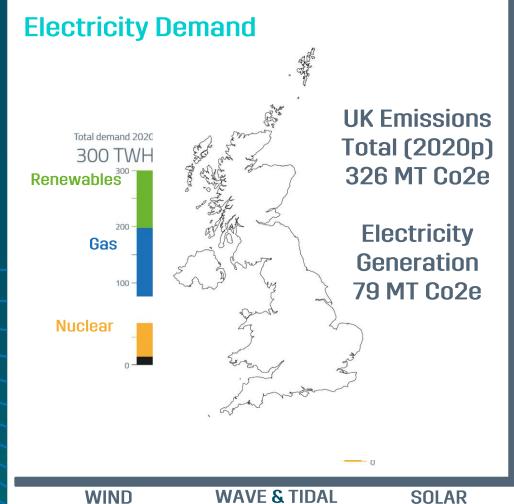
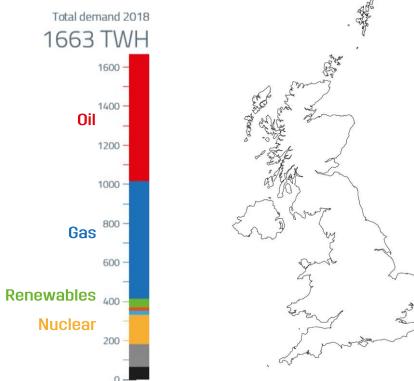


2022 – 2045/50 The journey to net zero



Power Demand









~100 GW



> 150 GW



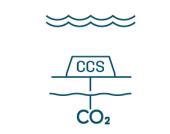
OIL & GAS





HYDROGEN

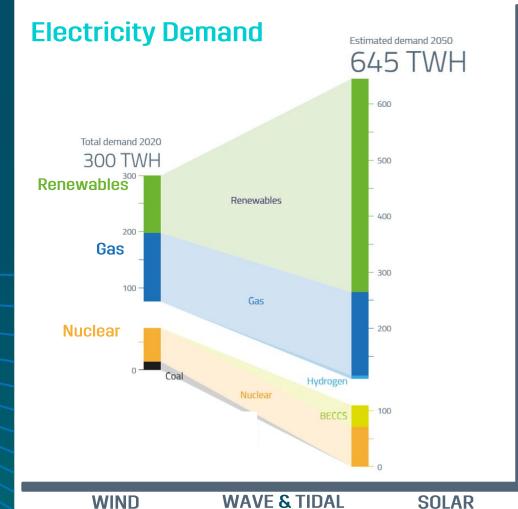
> 270 TWH GH2 17 - 270 TWH BH2



CARBON CAPTURE

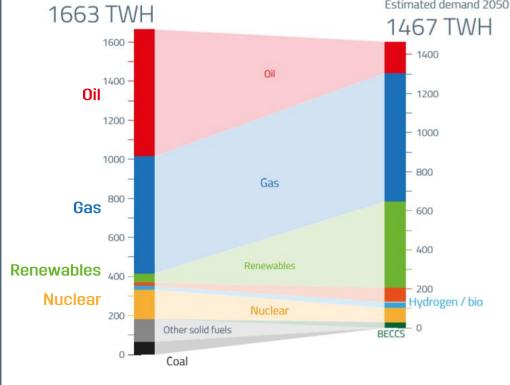
78 Gtonne

2022 - 2045/50 The journey to net zero



Power Demand









95-250 GW

WAVE & TIDAL



~100 GW

SOLAR



> 150 GW

OIL & GAS



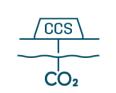
1.7bn BOE Gas 3.8bn BOE 0il

HYDROGEN



> 270 TWH GH2 17 - 270 TWH BH2

CARBON CAPTURE



78 Gtonne

Technology Driving Transition

Closing the Gap

Technology for a Net Zero North Sea















CCS

<u>[#</u>[

2020 £15Bn



£17Bn

Annual

Revenue

2030







£25Bn

2040









£33Bn

2050

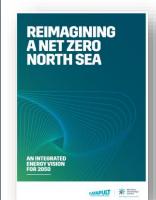








£38Bn



Reimagining a Net Zero North Sea

An Integrated Energy Vision for 2050





















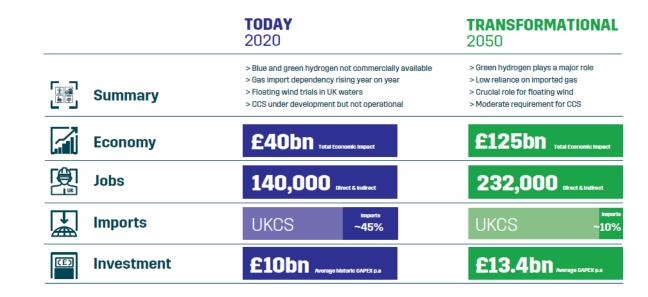












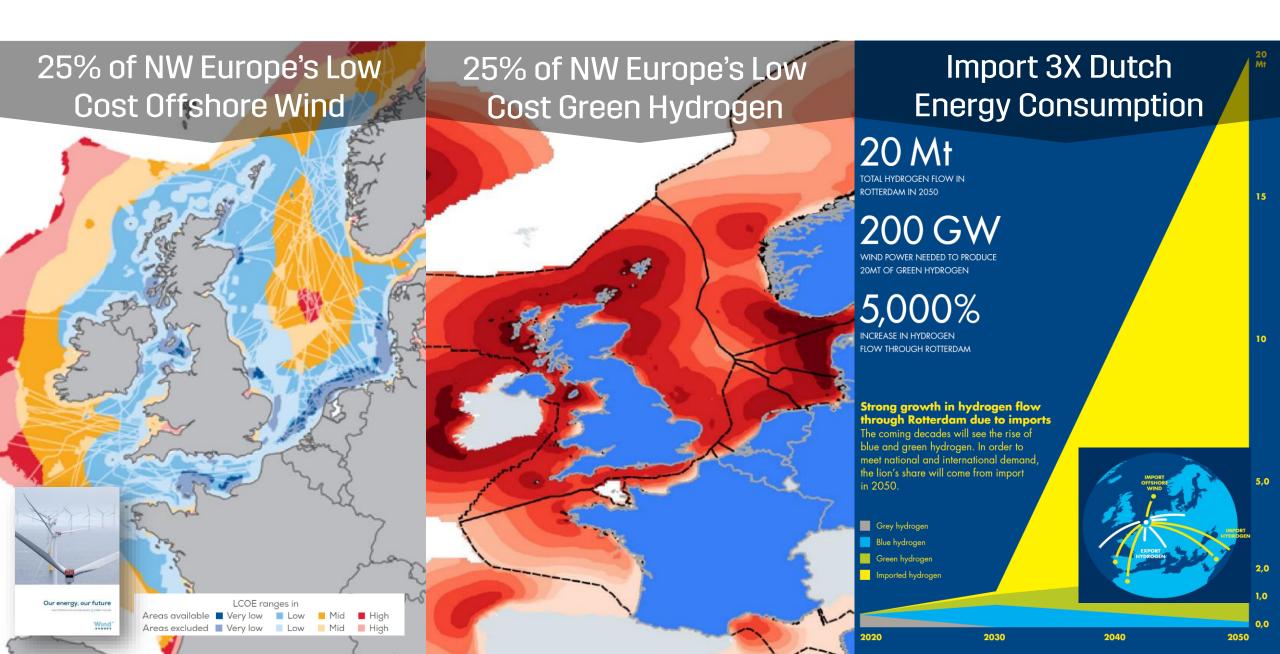
Offshore energy mix





Hydrogen Demand and Supply



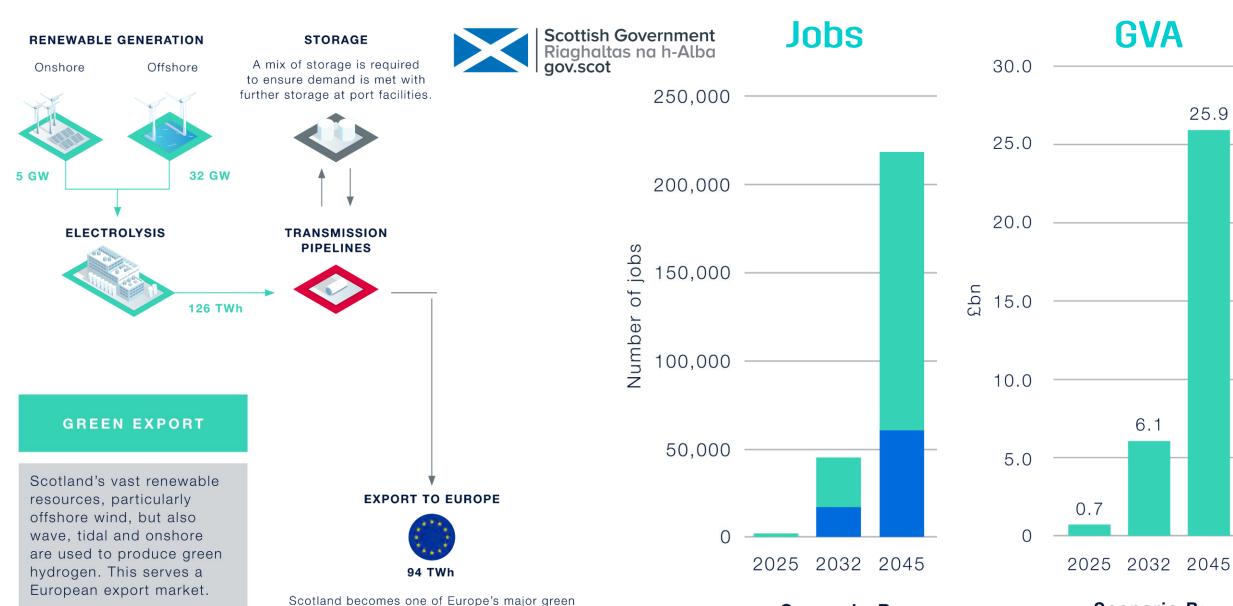


Scottish Hydrogen Assessment

hydrogen exporters driving green hydrogen

production in Scotland.





Scenario B:

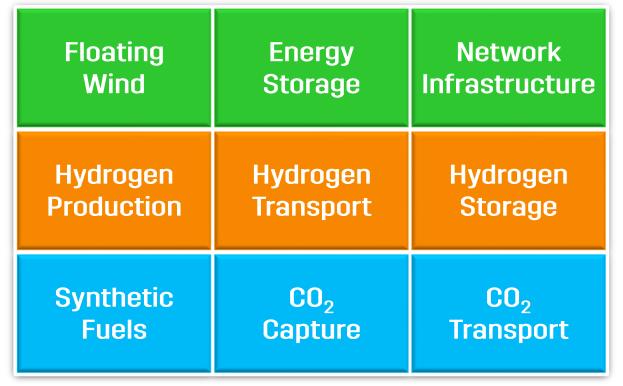
Green Export

Scenario B: Green Export

Energy Hubs & Offshore Hydrogen Backbone













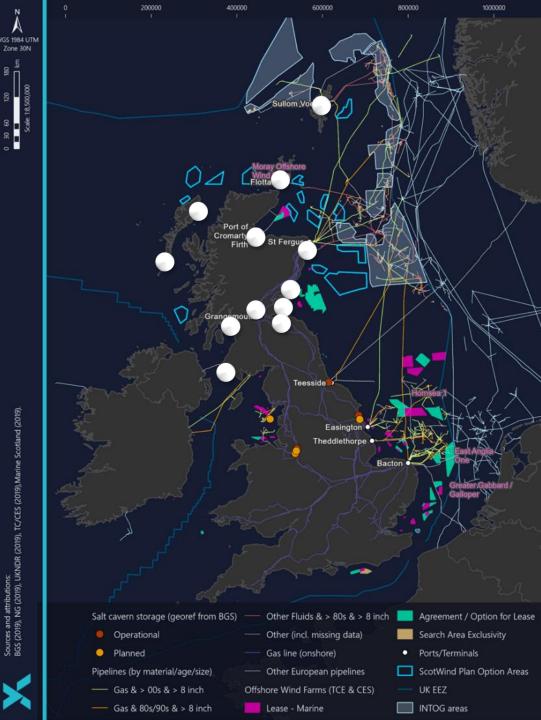


Onshore hydrogen production locations in Scotland for green, blue and pink hydrogen production, including scale of production

Onshore and offshore large scale windfarm locations (fixed and floating), including

Existing pipelines (both onshore and offshore), harbours and other infrastructure that could be used to export hydrogen

Other offshore infrastructure (oil/gas platforms etc.) which could be re-purposed for bydrogen production



Thank You



Technology Driving Transition