

An integrated approach to the deployment of future powergen, storage and capture technologies – delivery challenges ahead

DOOSAN

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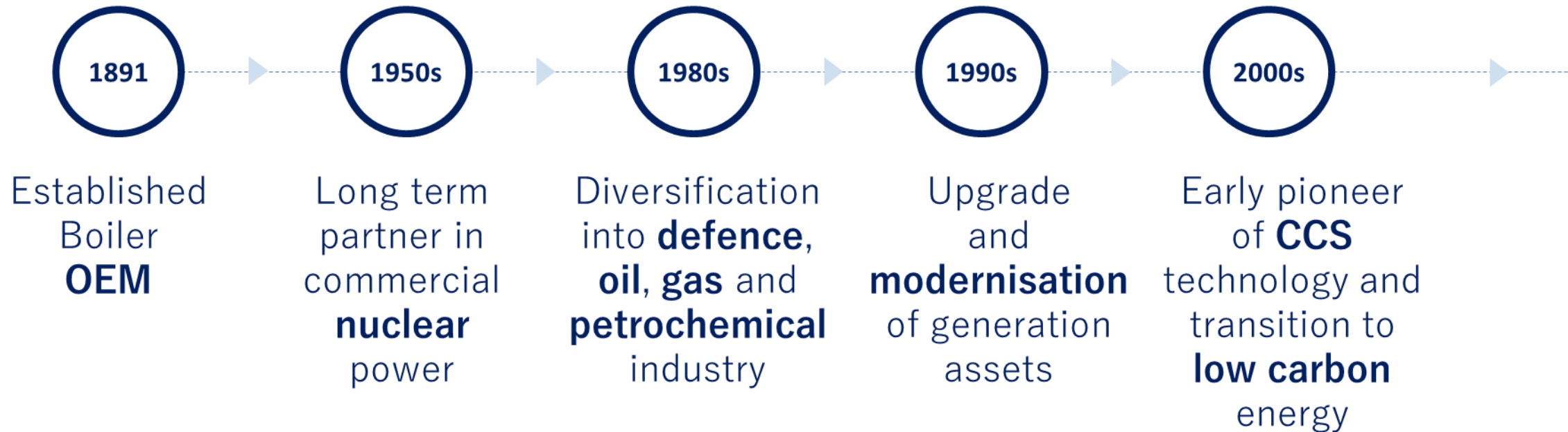
Doosan Babcock

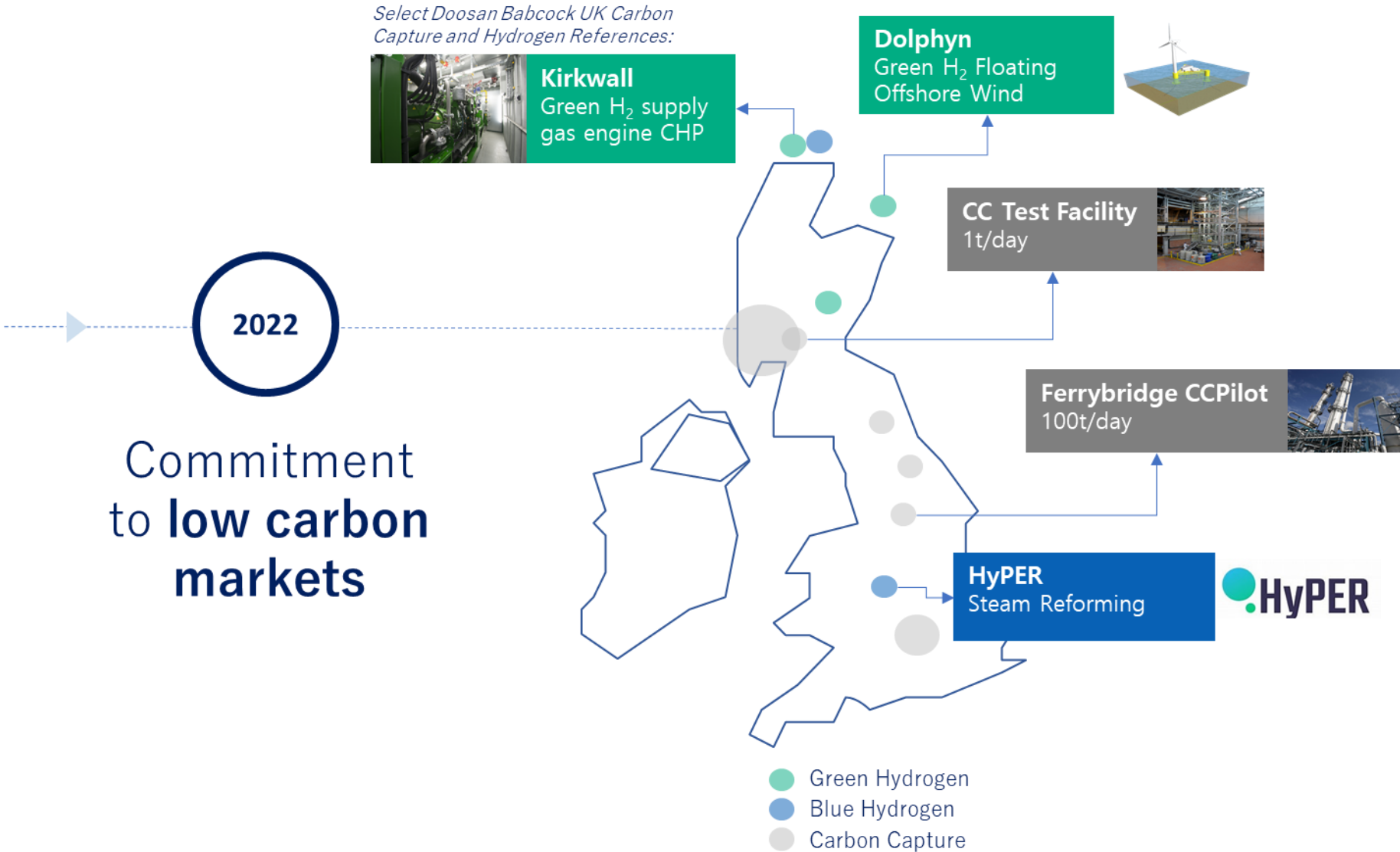
6 April 2022

Westminster Energy Forum

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**Engineering
and
Construction
Partner for
Net Zero
technologies**

Key Factors Influencing Delivery of Energy Transition Projects:

1

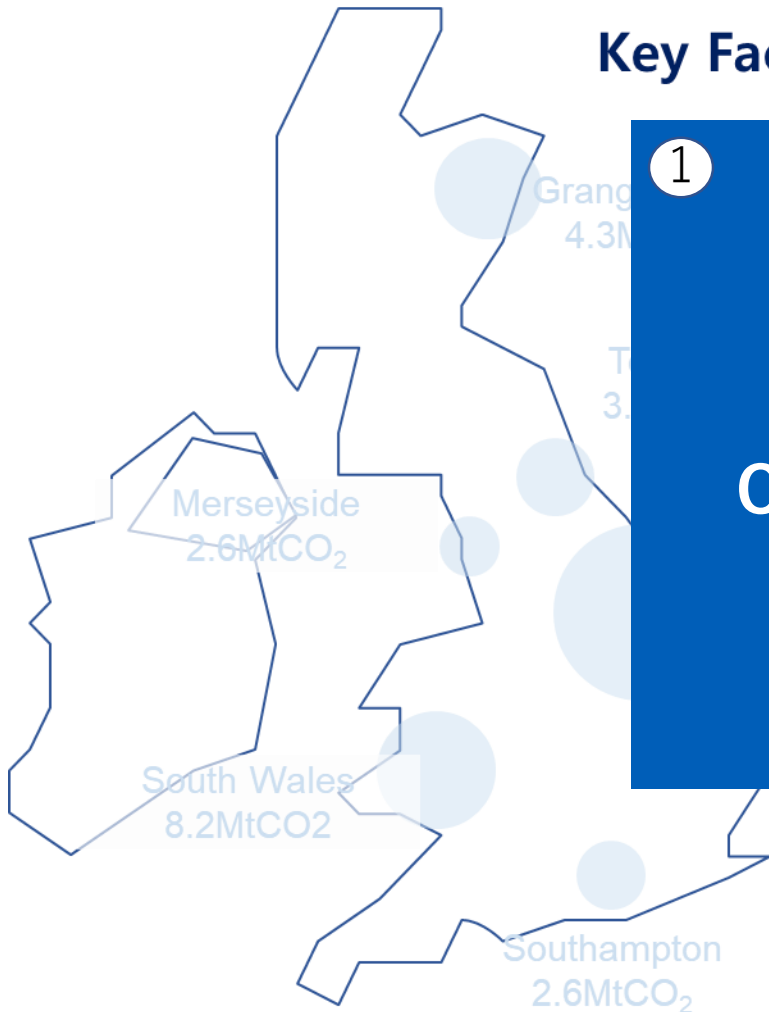
**Policy
Certainty**

2

**Technology
Deliverability**

3

**Resources
& Skills**





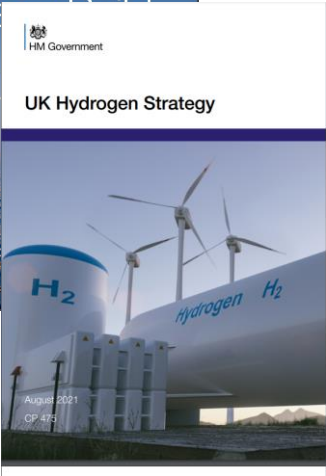
Top level targets
established & committed



Energy White Paper
December 2020



Net Zero Strategy
October 2021



UK Hydrogen
Strategy
August 2021



“Tier 2” policies/actions and
unforeseen changes

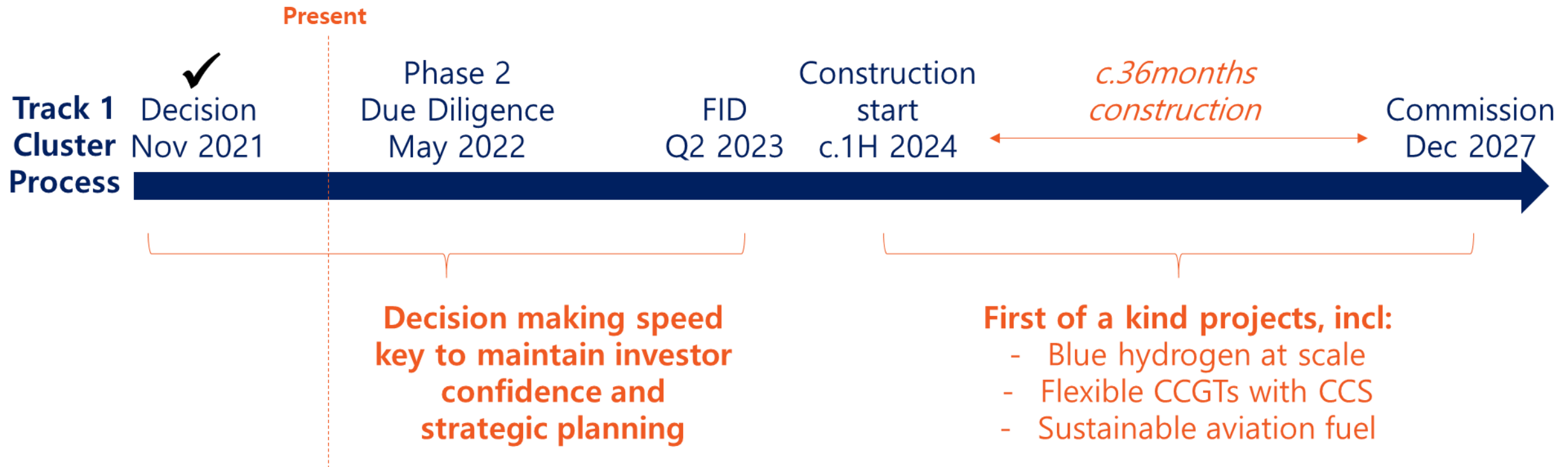
Supporting policies and actions are underway, however the progression and timeframe of these are also key in stimulating inward investment and industry confidence

Business Models	Skills Development
	Supply Chain Development
Market Frameworks	Funding Allocation
	Cluster Selection



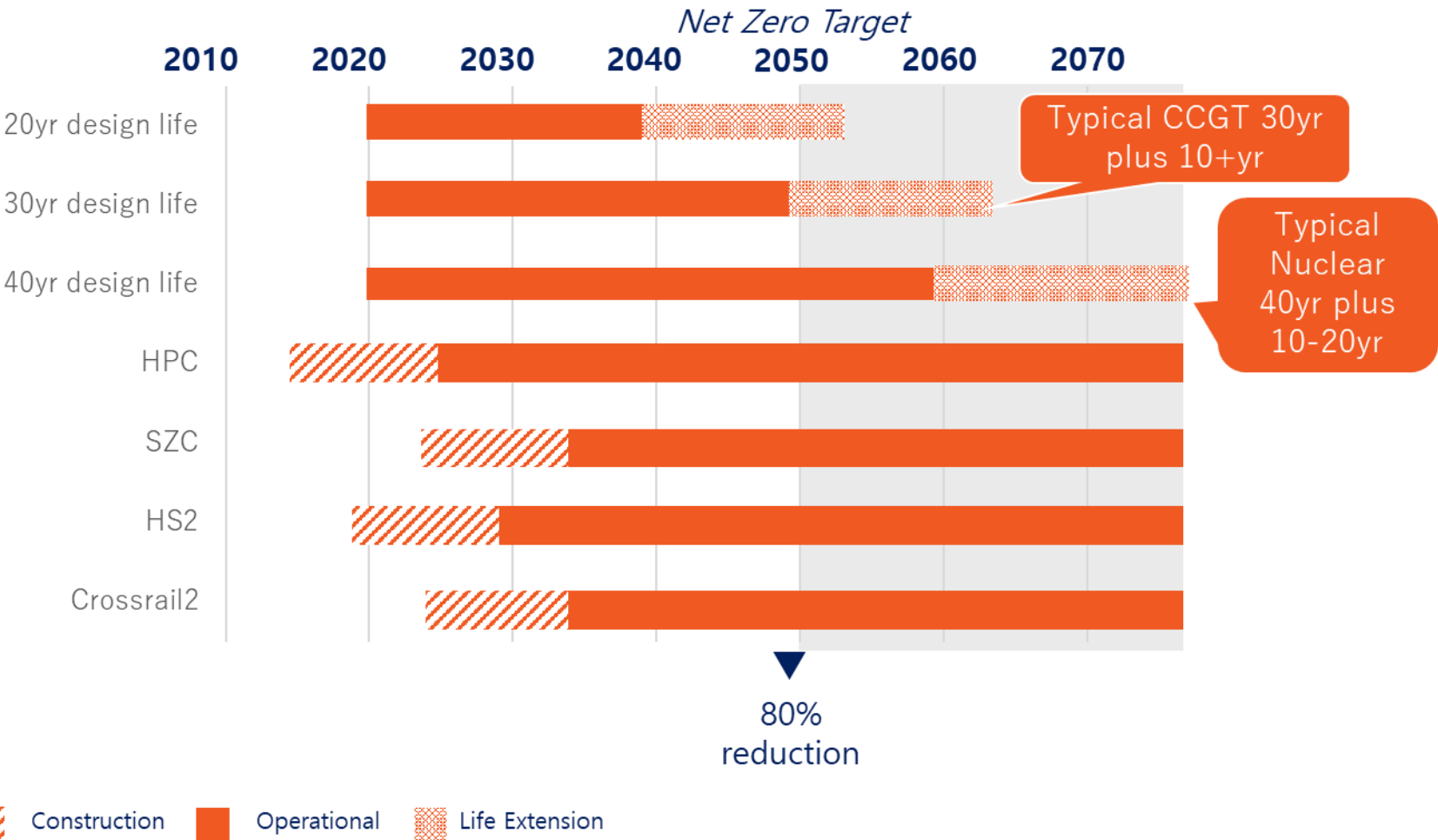
Industry & Technology Innovation

Significant technology innovation has been underway, timely and economic realisation is key:





Supply chain readiness for scale
– construction to end of life



Strong pipeline of major projects in the UK

Most assets being designed now will require to operate in Net Zero world

Need consideration on full asset lifecycle



Levelling up & skills agenda established



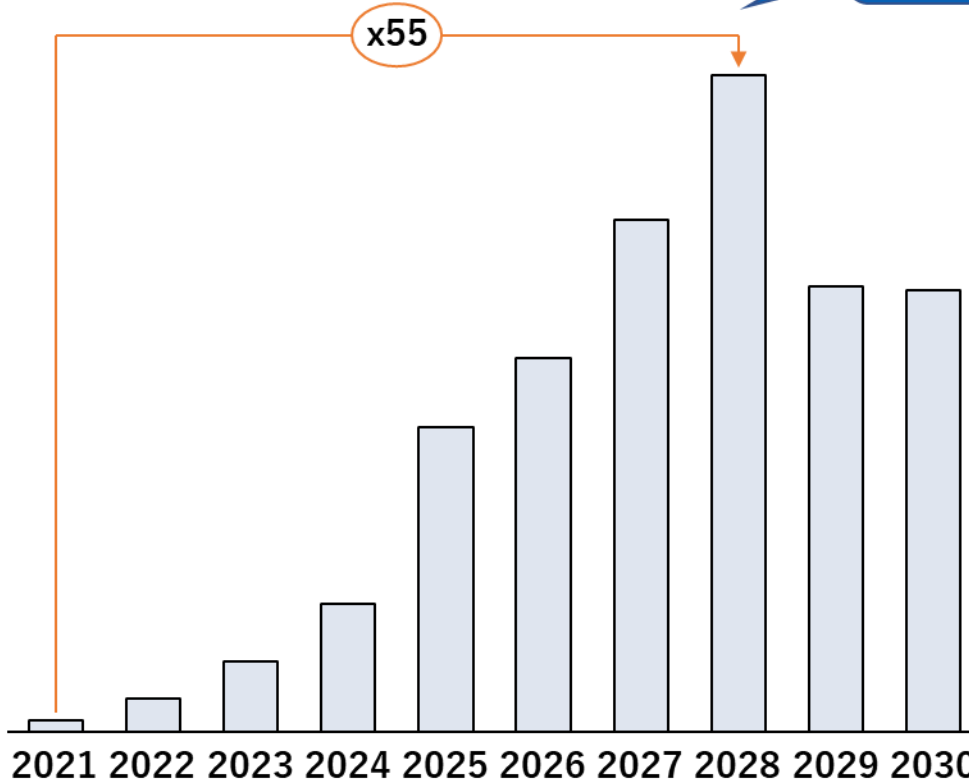
Levelling Up White Paper
Feb 2022



Scaling up and early action essential in competitive global labour market

Additional Construction Workers Required to meet UK 2050 Net Zero challenge¹:

c.350,000
additional FTE workers by 2028



Other key statistics noted by industry:

c42,000

Peak resources for East Coast Cluster 2026

c750k retirement
over next 15 years

c20% aged under 30

c13% women

1. Source: CITB Building Skills for Net Zero

Thank You



Any Questions?

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