

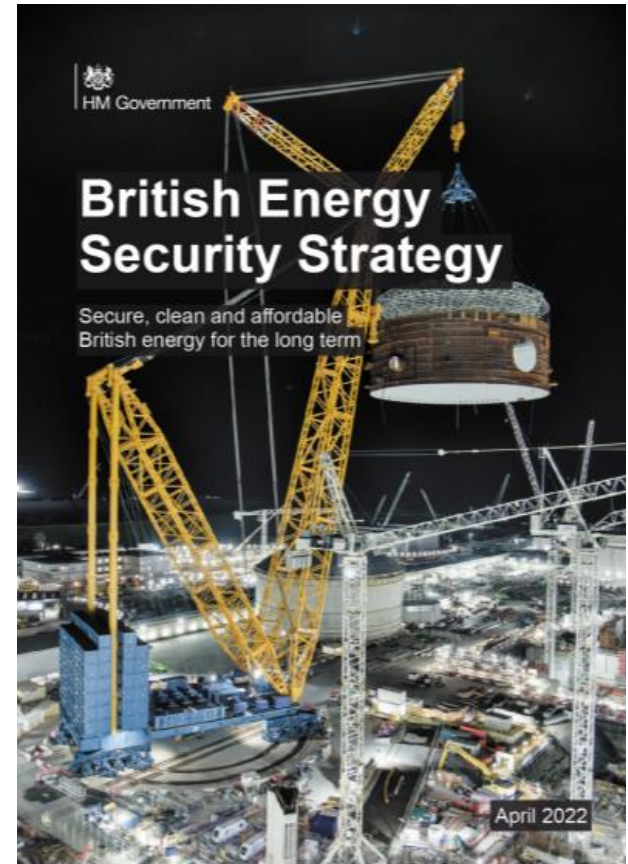


# BRADWELL B UPDATE

Major Projects Group Skills Webinar, Wednesday 8 June

# UK Nuclear

- Energy Security Strategy released in April and new Energy Security Bill announced
- What the Energy Security Strategy said about nuclear:
  - Increasing civil nuclear to up to 24GW by 2050
  - Take one project to Final Investment Decision (FID) this Parliament and two projects to FID in the next Parliament, including Small Modular Reactors.
  - These ambitions could see our nuclear sector progressing up to 8 more reactors across the next series of projects.
- We believe the Bradwell B project can support this ambition.



# UK Nuclear

- The latest Hinkley Point C socio-economic report was recently released, showing the huge benefits already being realised in the south west and across the UK.
- Includes:
  - £4.1billion spent to date with companies in SW
  - 22,000 people in Britain working on the project
  - 249 businesses from East of England now working on HPC, amounting over £1billion



# UK HPR1000 Generic Design Assessment

The Generic Design Assessment for the UK HPR1000, the reactor technology proposed for Bradwell B, was completed on 7 February 2022.

The Generic Design Assessment is the process new nuclear reactor designs go through to obtain approval for use in the UK. The Office for Nuclear Regulation and Environment Agency looks at:

- Safety
- Security
- Environmental protection

The GDA focuses purely on the reactor design and does not consider any site specific issues.

A range of site specific consents, a nuclear site licence and permits will be required to build Bradwell B.



# Engineering update



- Feasibility studies represent the initial stage of design.
- Options are considered and evaluated against a range of criteria (technical requirements, safety, environment, stakeholder feedback, cost etc.).
- Our Stage 1 consultation feedback informs the feasibility work.
- Focus for 2022 includes developing the programme and timing for the GI and Load Testing work (which received planning permission last year).

# THANK YOU

