HORIZON
NUCLEAR POWER

ENERGY WORKING FOR BRITAIN

Horizon Nuclear Power
Project Update

West Berkshire Green Exchange Conference

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HORIZON VISION

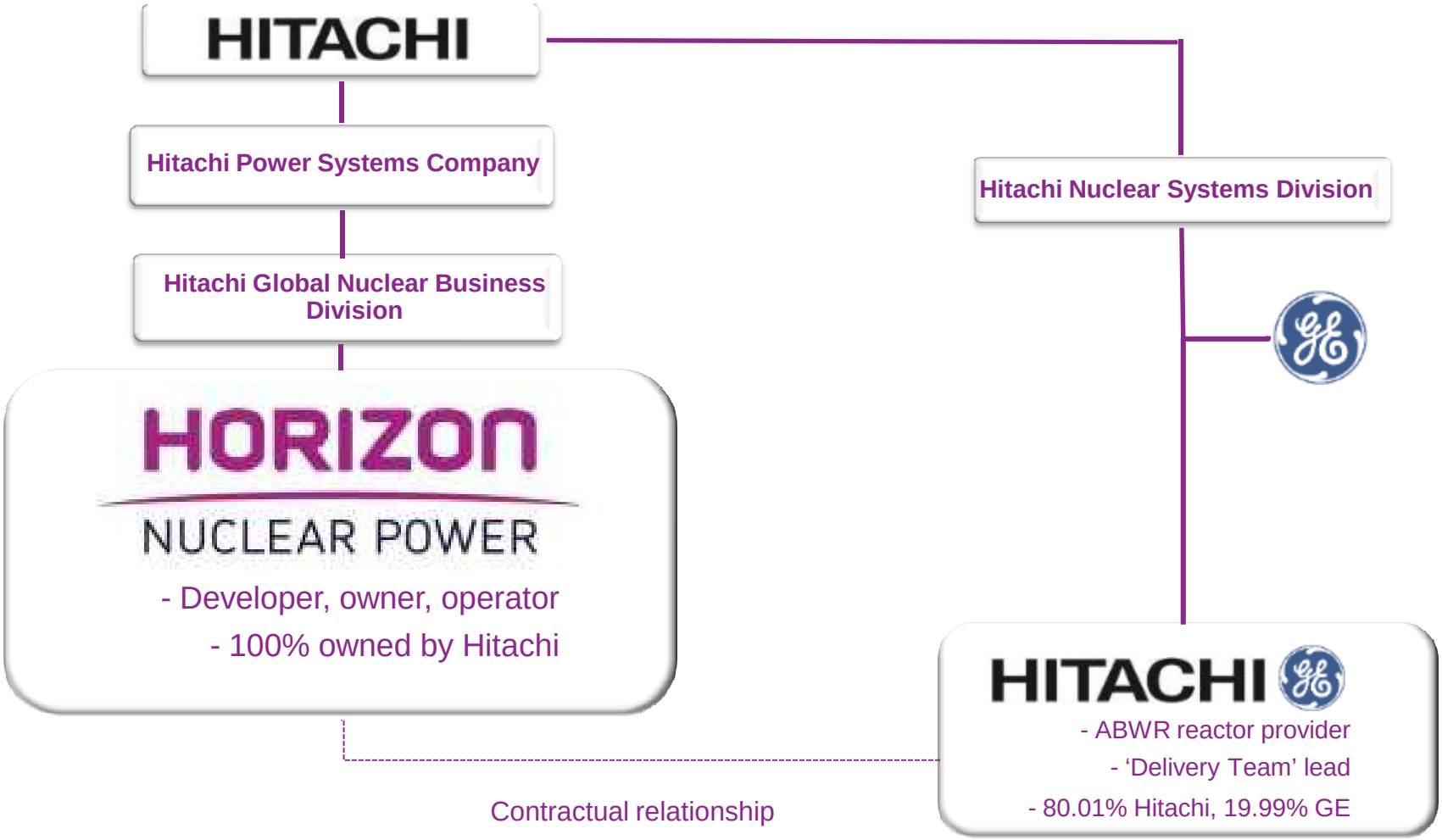
We believe there is a compelling requirement for new nuclear power in the UK to help tackle the vital and complex challenge of delivering a sustainable energy future.
Horizon will deliver secure, affordable, low carbon energy for present and future generations.

Horizon Overview

- Established 2009, acquired 2 of the 8 UK sites designated for new nuclear
- Acquired by Hitachi November 2012
- Provide at least 5.4GW of new capacity across two sites
- Deploy Hitachi-GE UK ABWRs – two at Wylfa, decisions to follow on Oldbury
- Expect first unit at Wylfa to be operating in the first half of the 2020s
- c.£20billion investment in the UK
- Per site – 800-1,000 jobs once operational, c.20,000 roles during construction
- Up to 60% of project value could be spent in UK
- Over 250 staff at Gloucester HQ, office on Anglesey growing

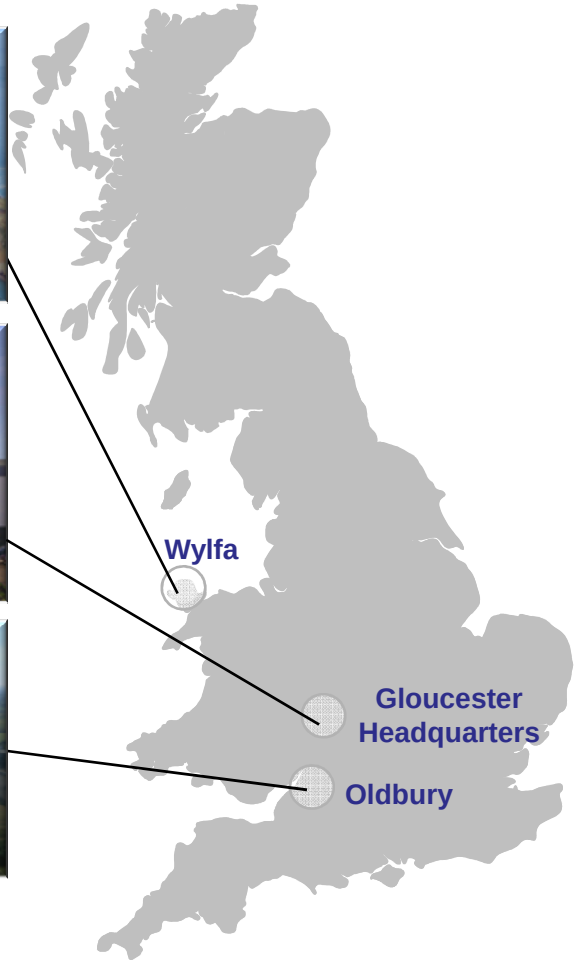
Pictures: *Existing Magnox stations at Wylfa (Top) and Oldbury (Bottom), adjacent to our sites*

Corporate structure



Workstreams

- Wylfa Newydd delivery
- Organisational development
- Business development

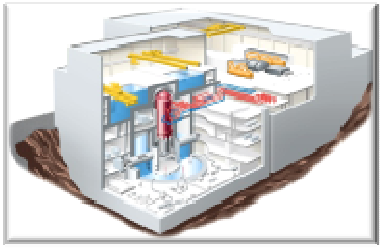


Organisational Development

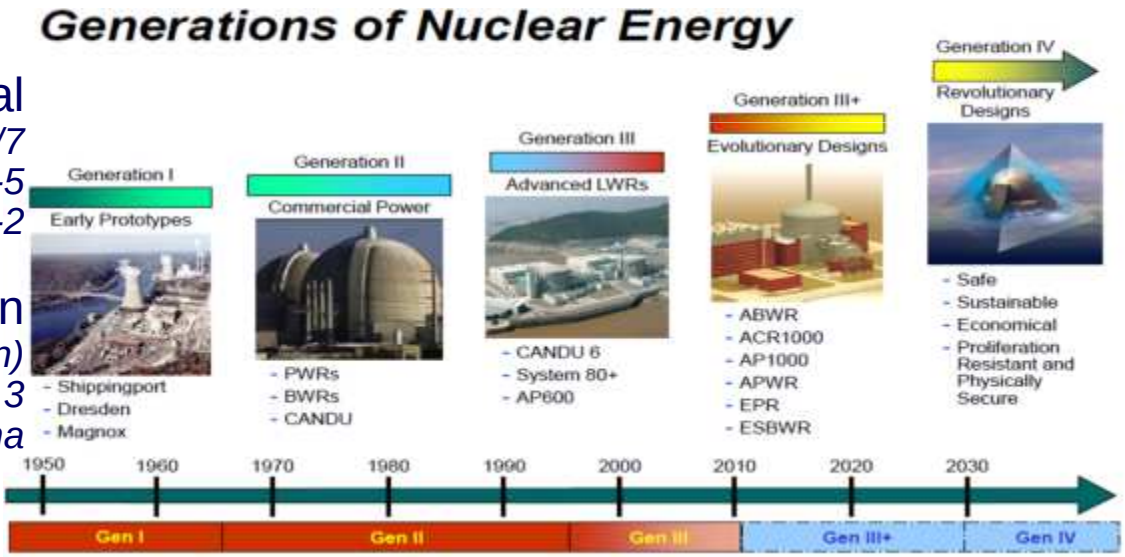
Delivering Wylfa Newydd

ABWR – a proven technology

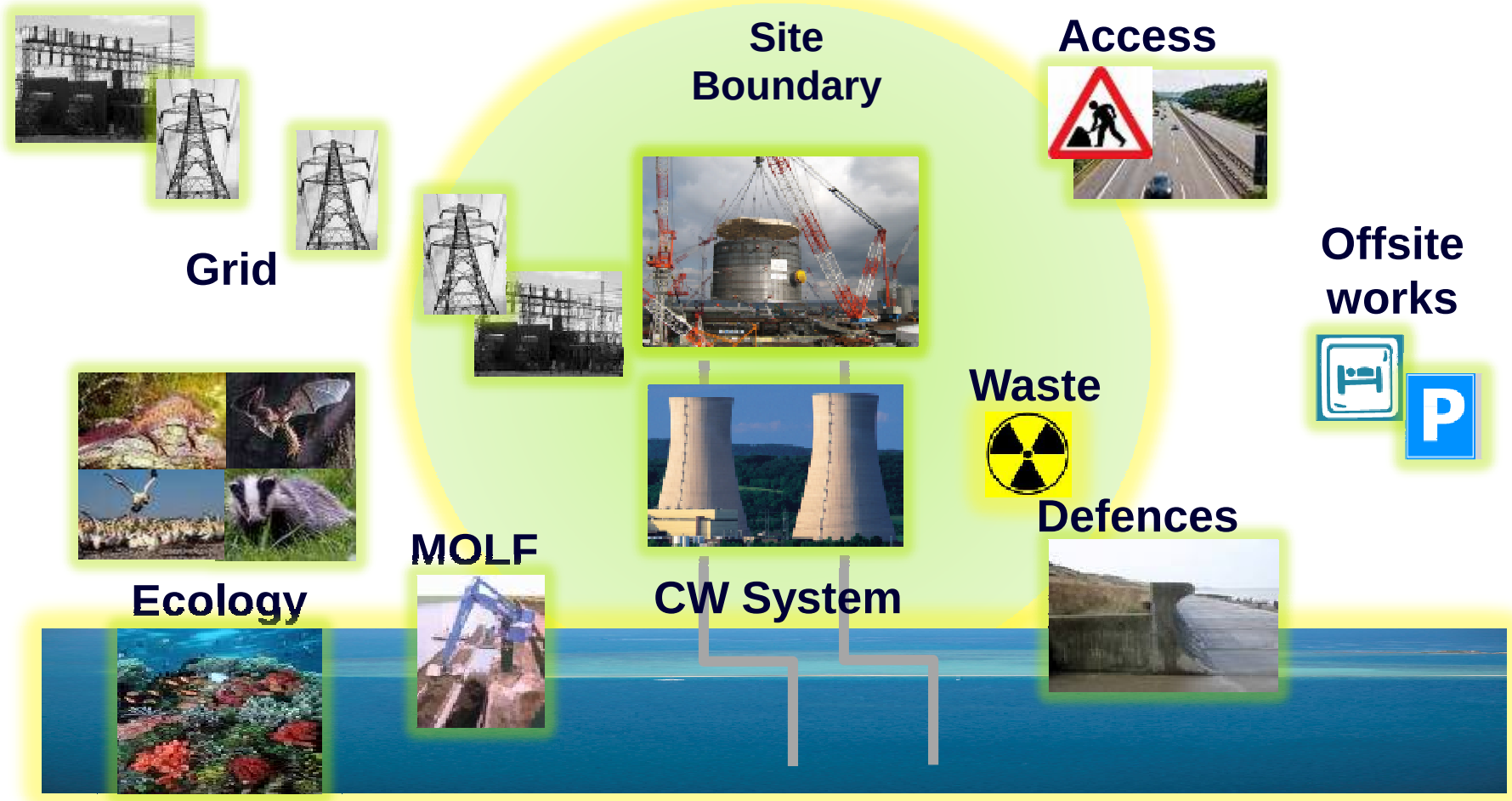
- Safe, reliable and cost competitive
- Most advanced reactor in operation
- Constructed to time and to budget
- Licensed in Japan, Taiwan, USA



- Operational
  Kashiwazaki-Kariwa-6/7
  Hamaoka-5
  Shika-2
- Under construction
  Lungmen (Taiwan)
  Shimane 3
  Ohma



Site & associated developments



Forward Priorities

- Finalise schedule to commercial operation
- Agree framework for Contract for Difference with government
- Supply chain development – Tier 1, EPC contracts
- Follow-up to PAC1 – assess inputs and prepare responses
- Increased recruitment and organisational development

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Thank you very much for
your attention

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