



THIS IS BRITANNIA

A fact-driven national narrative for why Project Britannia is the logical next step for the UK

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Purpose: provide a clear, punchy public-facing story rooted in the Britannia project documents (White Paper & Charter). This text is written for MPs, ministers, media and the public.

"For 200 years we powered Britain by digging up carbon and burning it. Britannia is the Circular Revolution: split water, use hydrogen, and return water to the sea — clean energy without destroying our home."

1) The national problem we must solve

The North Sea is approaching an end-of-life moment. Under current plans, the UK faces large-scale decommissioning: platforms removed, pipelines cut, and a world-leading offshore workforce scattered. The Britannia White Paper cites major decommissioning costs (NSTA estimates) and material taxpayer exposure via decommissioning tax relief. If we scrap everything by default, we don't just remove steel — we remove a national capability.

2) Britannia's simple proposition

Repurpose selected end-of-life platforms into offshore hydrogen hubs. Power them with a UK-designed SMR, and produce reliable, low-carbon hydrogen at industrial scale.

The Britannia architecture (as set out in the White Paper):

- **1 central reactor platform** hosting a ~300–350 MWe UK SMR.
- **4 hydrogen production platforms** within ~2–5 km, equipped with desalination and electrolysis (e.g., PEM) plus gas purification and compression.
- **Safety by separation:** physical distance reduces the risk of cascading incidents and supports manageable offshore safety zones.
- **Order-of-magnitude output:** ~40,000–50,000 tonnes of hydrogen per year per cluster (with valuable co-products including oxygen).

3) Why it is logical for the UK

Energy security that works in winter <ul style="list-style-type: none">• Weather-proof baseload: nuclear power runs day and night, through winter peaks and calm periods.• Hydrogen as strategic storage: produce hydrogen continuously and store it to cover low-wind/low-sun periods.• Less import exposure: reduces vulnerability to geopolitical supply shocks and price spikes.	Jobs, skills, and sovereignty <ul style="list-style-type: none">• Just transition: preserves offshore careers in key regions (Aberdeen, Teesside, Humberside) rather than repeating past industrial collapses.• UK control: the Britannia Charter sets principles for UK ownership, UK jobs first, and UK regulatory jurisdiction.• Build once, benefit for decades: turn decommissioning liabilities into productive national infrastructure.
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4) The circular economy point (the big idea)

Britannia aligns with a circular model: use energy to split water, move hydrogen to where it is needed, and when hydrogen is used in turbines or fuel cells the output is water again. The system can also valorise co-products (oxygen, brine streams, and waste heat), reducing routine discharge and maximising value from every output.

The choice, stated plainly: <ul style="list-style-type: none">• Scrap everything: pay to remove assets, lose offshore capability, and become more dependent on imported energy and global volatility.• Build Britannia: repurpose what we already have, keep high-skill jobs, and create a resilient domestic supply of low-carbon hydrogen.
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Britannia is not just an engineering project. It is a national mission: keep control of our energy future, protect coastal communities, and move from a "burn and destroy" economy to a circular one.

Document title: **This is Britannia** • Prepared for discussion and public briefing • Based on the Britannia White Paper and Britannia Charter provided in-project materials.