

WEF Conference

Key challenges for the UK's Energy Transition

5th November 2024



The better the question. The better the answer.
The better the world works.



Building a better
working world

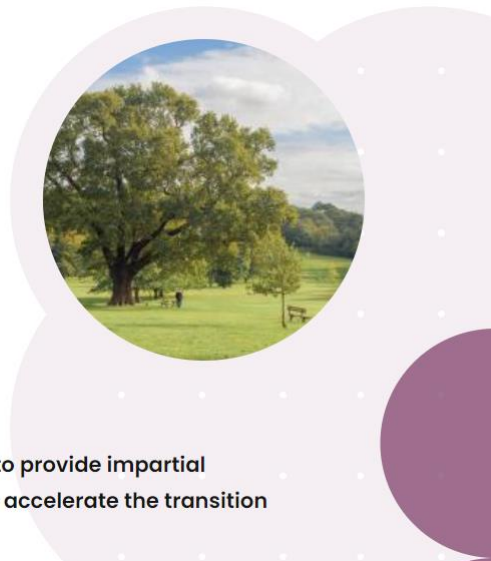
Today, the UK's Clean Power by 2030 roadmap was published. The National Energy System Operator (NESO) provided impartial advice to the Government and the regulator on what is required to securely accelerate the transition away from fossil fuels.

Developing a plan for clean power by 2030

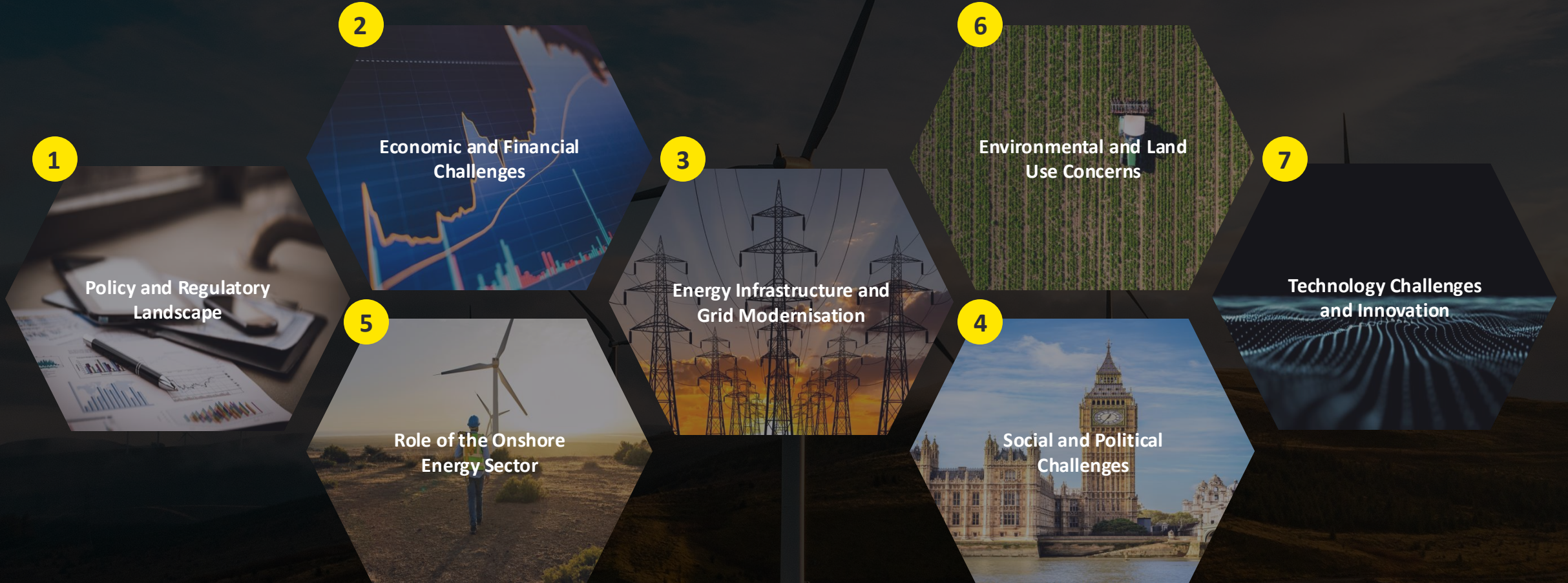
Future energy
- 19 Jul 2024 - 1 minute read



As the Electricity System Operator (ESO) for Great Britain, part of our role is to provide impartial advice to the Government and the regulator on what is required to securely accelerate the transition away from fossil fuels.

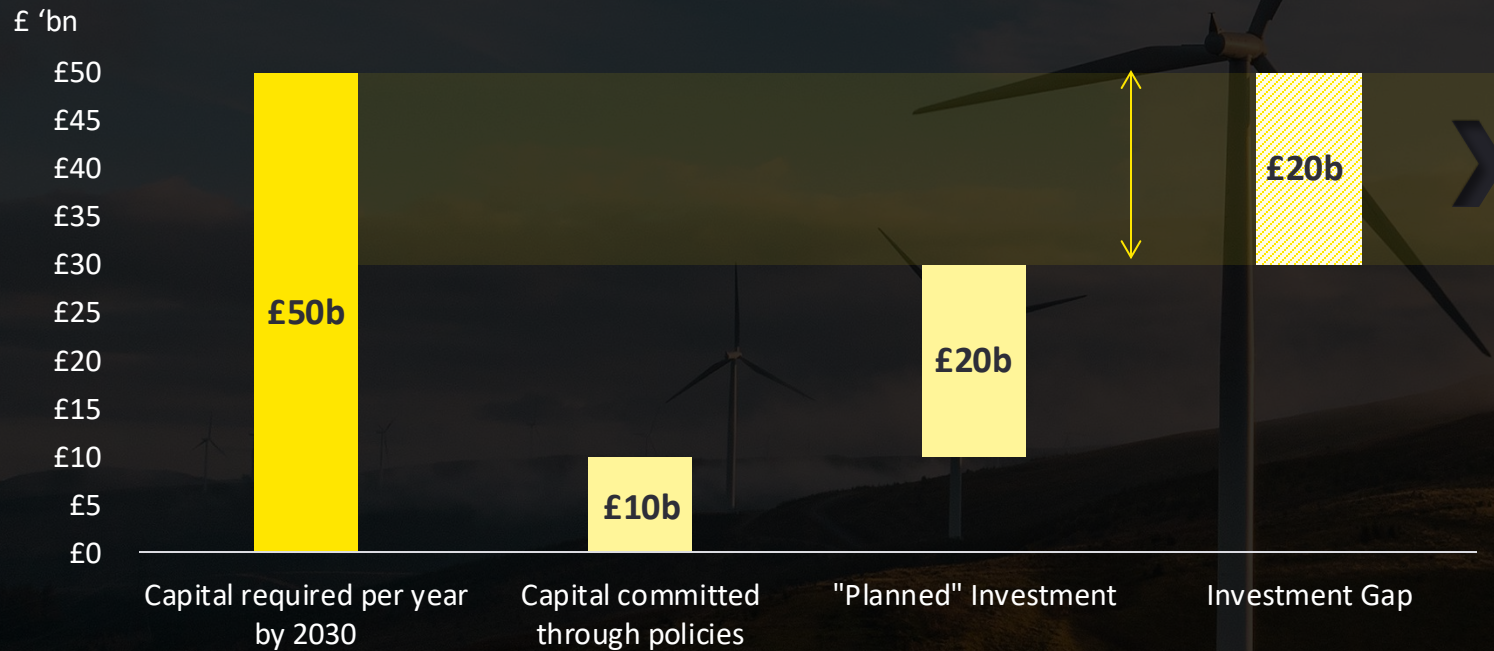


Key challenges for the UK's Energy Transition



Economic and Financial Challenges

To achieve Net Zero, up to **£50 billion per year** of investment will be required in the UK by 2030, increasing to **£60 billion per year** by 2035. Only **~20%** is committed in policy, with a further **~50%** of the remaining investment “planned”. A significant investment gap is therefore emerging, with a series of solutions required to close this.



More alternative funding

Deliver more effectively and at a lower cost

Unleashing new technologies

Source: EYP Mind the Investment Gap Report

Source: Frontier Economics *The UK's Net Zero Investment Gap*