

Accelerating the implementation of innovation



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National Energy System Operator (NESO)

- The 2023 Energy Act established an independent system planner and operator for GB
- To help accelerate the energy transition
- NESO is built on previous experience as the Electricity System Operator (ESO)
- ESO balanced electricity supply and demand 24/7, and networks and markets roles.



Introducing NESO

- Independent & impartial public corporation
- System planning & operations
- Whole system view
- Holistic approach
- Most cost-efficient & sustainable solutions
- Optimal outcomes for energy consumers



NESO's Primary Duties

NESO will promote the following three objectives:



Net Zero

Enabling the government to deliver on its legally binding emissions targets



Efficiency & Economy

Promoting efficient, coordinated and economical systems for electricity and gas



Security of supply

Ensuring security of supply for current and future consumers of electricity and gases

NESO's Secondary Duties

NESO will also have regard to:



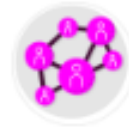
Facilitating Competition

Creating and maintaining competitive energy markets and networks



Consumer Impacts

Understanding what changes mean for consumers



Whole System Impacts

Understanding linkages across systems

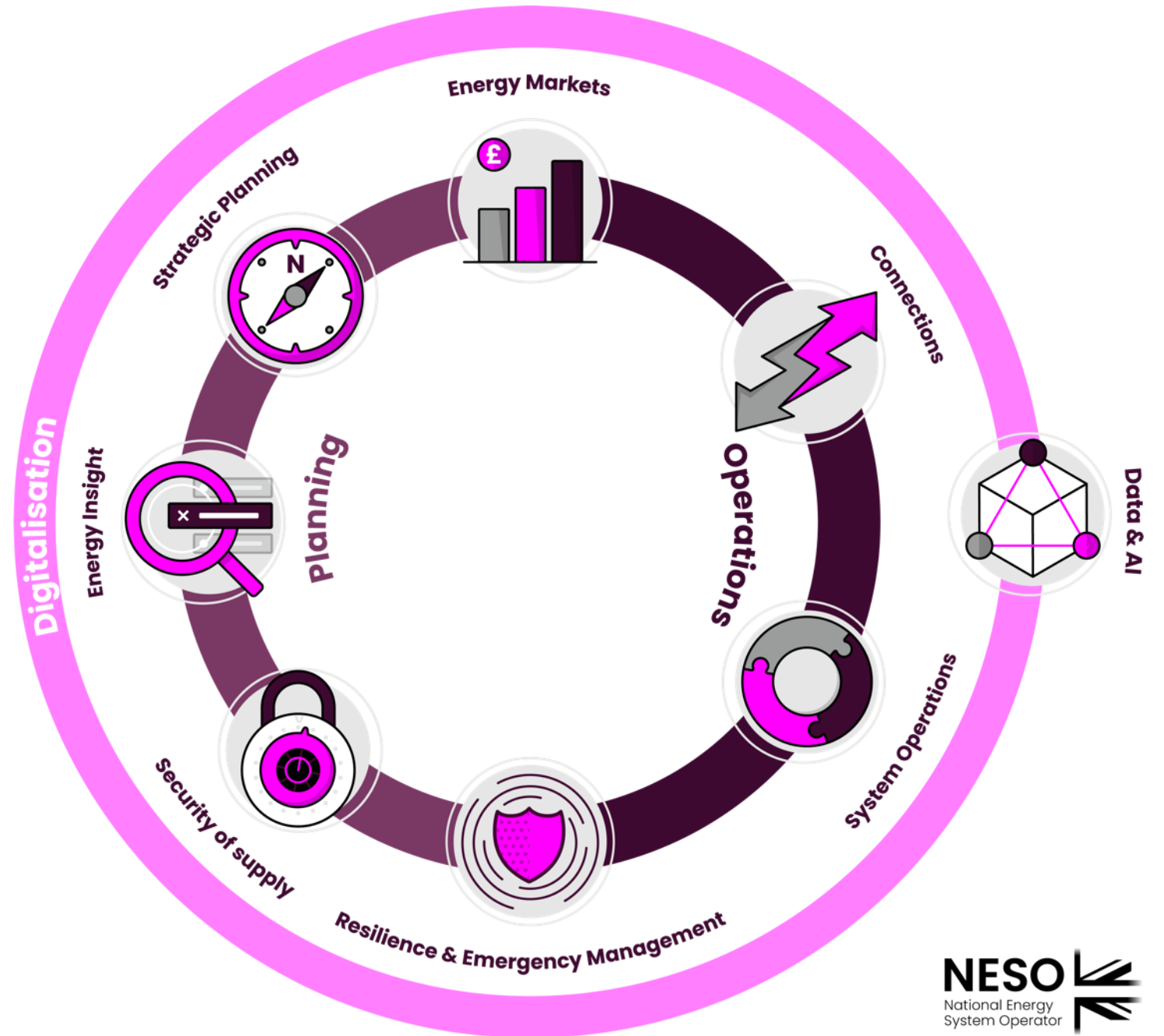


Facilitating Innovation

Creating an environment that enables others to help solve energy challenges

What We Do

- Eight activities delivering the plans, markets and operations of the energy system of today and the future.
- In one organisation for holistic thinking, cost efficiencies and sustainable solutions for the needs of our customers.



Our priorities to 2026



Clean Power

We will enable a zero-carbon electricity system by adopting a whole system approach, encouraging innovation and collaboration.



Decarbonised Energy

We will develop integrated plans for a decarbonised, efficient and flexible energy system fit for the future.



Consumer Value

We will have unlocked around £3 billion of consumer benefits by 2026 through delivery of our commitments.



Customer Centricity

We will understand and balance the different needs of our customers to form meaningful partnerships.



Digital Mindset

We will unlock the potential of technology and teamwork through a digital-first approach, enabling a future of seamless connectivity and innovation at pace.



People Value

We will invest in our people to ensure we're prepared and empowered to embrace the opportunities of the future.

Any questions?

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