

NESO

National Energy
System Operator



Updating the innovation strategy in response to Government policy

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The National Energy System Operator

NESO is at the centre of the energy system taking a whole system view to create a world where everyone has access to reliable, clean and affordable energy.

Our work will be the catalyst for change across the global community, forging the path to a sustainable future for everyone.

Our 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, co-ordinated and economical systems for electricity and gas.



Security of Supply
Ensuring security of supply for current and future customers of electricity and gases.

Our 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.



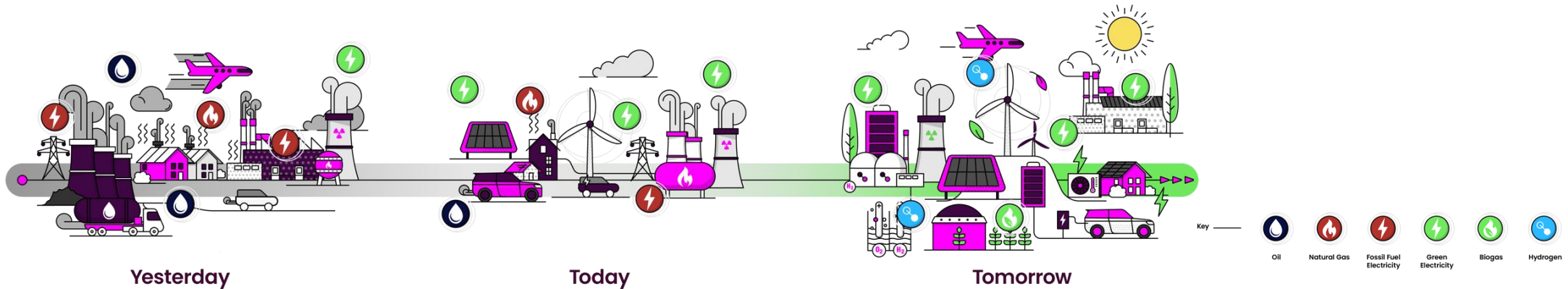
Whole System Impacts
Understanding linkages across systems.



Facilitating Innovation
Creating an environment that enables others to help solve energy challenges.

A changing energy landscape

Policy plays a crucial role in shaping innovation strategies, supporting the transition of a complex energy landscape.

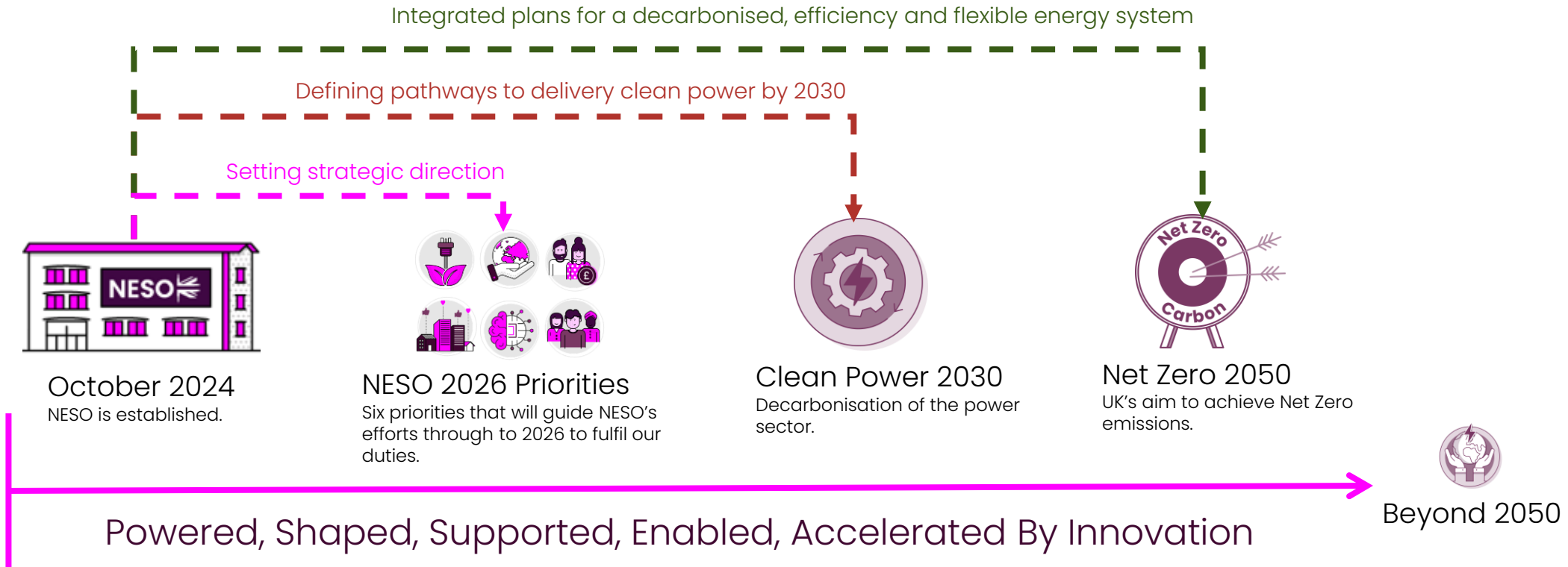


Policy supports innovation strategy by:

- Setting clear targets, regulatory frameworks and market design
- Providing direction and incentives for investment
- Promoting collaboration
- Providing flexibility to support further innovation
- Supporting development of new standards
- Long-term vision alignment

Short-term priorities with a long-term vision

NESO's innovation approach considers short-term targets whilst staying focused on long-term goals.



The role of a unified innovation strategy

A coordinated approach bringing together policy, technology and investment to accelerate progress.



A coordinated innovation effort through an aligned and unified innovation strategy



Working with policy and regulation to facilitate and enable innovation by removing existing blockers



Working with all industry actors including funders, investors, academia, small businesses, third sector, industry bodies and government



Digitalisation at the heart



Find out more:

Visit us on our stand: M5

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