

# *Innovation strategy to operate the future energy system*



**£27.5 million**

Invested in innovation



**25,000+**

Stakeholders reached



**174**

Innovation projects



**80**

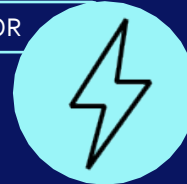
External collaborations

SERVICE



Strategy & Innovation

SECTOR



Energy

REGION



Europe

## CHALLENGE

- Wanted to innovate to prepare the electricity and gas system for decarbonisation, decentralisation and digitisation
- Needed to identify, define and prioritise issues internally, then work with the UK energy regulator Ofgem and technology providers to develop, test and finance solutions

## ACTIONS

- Facilitated workshops to identify risks and upcoming issues
- Defined upcoming issues faced by the grid's longer-term future
- Themed and scored issues through a deliberative process
- Organised a 2-day "Hackathon" and three 1-day innovation sprints to develop and select projects to receive Ofgem funding
- Prioritised areas for targeted innovation investment
- Produced National Grid's first innovation strategy and shared the results online and through key audience channels

## RESULT

- National Grid now uses the innovation strategy to allocate funding and effort towards the right innovation priorities
- Innovation projects were scoped, financed and executed, boosting the Grid's efficiency, resilience and competitiveness