Electricity Distribution

Electricity Innovation

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national**grid**

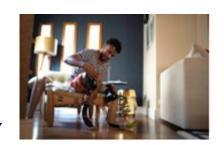
Our Innovation Journey ED1 to ED2

Our RIIO ED2 business plan was at least £449M cheaper than the alternative strategies presented that did not roll out innovation



The savings due to innovation within our ED2 business plan were

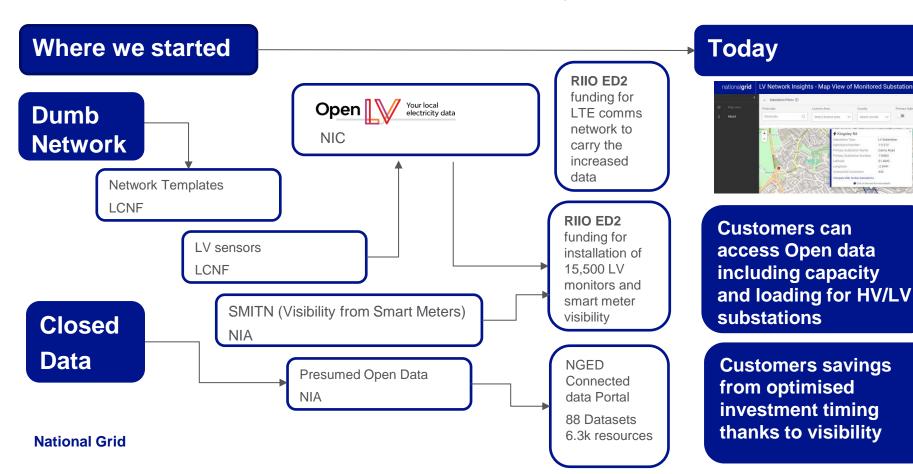




Bigger than the RIIO ED1 innovation funding

RIIO ED1 LCNF, NIA, SIF & NIC = £79.9M

Innovation Success's - LV Visibility



Innovation Success - Flexibility

Where we started

Infrastructure based network solutions only



Project Falcon

First foray into demand side response

Project Entire

Demonstrated the principles and back office systems to set up a comprehensive Demand Side Flexibility

Today

£80M of infrastructure investment deferred though DSR

17 GWh of flex procured

86,000 registered and approved flexibility assets

Future Priorities

Enhance our the Interests of our customers

Through Innovation, we have made improvements over traditional reinforcement, through systems and frameworks that restrict access at times of highest congestion.

We now need help our customers access their preferred markets at the times that are most beneficial to them, at the least cost.

Managing Risk for our Customers

There are growing risks such as climate change that will impact on operation of networks and markets

This is despite increased dependency on electricity.

We need to build a vision of what net zero resilience and robustness looks like and deliver it.

Just Transition

We need to build effective transition pathways and services for our customers.

Our customers are culturally, ethnically geographically, physically, economically diverse.

We need to develop the frameworks and systems that respond to the diversity of needs.

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