

November 2024

# RIIO-T3 (2026 to 2031): Direction of travel

nationalgrid





# Thank you for joining

## Housekeeping

- 1

Please post any questions in the Q&A section - 10 mins Q&A at end of session
- 2

Please keep microphones and cameras off for the duration of the talk
- 3

Please note that this session will be recorded

## Agenda

Context	10 mins
Stakeholder principles	10 mins
Regional and national view	10 mins
Timeline	5 mins
Questions and answers	10 mins
Total time	45 mins

# Introductions



Sara Habib  
Head of Future Price Controls



Ben Haggerty  
RIIO T3 Program Manager  
Infrastructure Development & Delivery



Jeni Ray  
Head of Stakeholder Insight & Management



Carolyn Helm  
Sustainability Manager

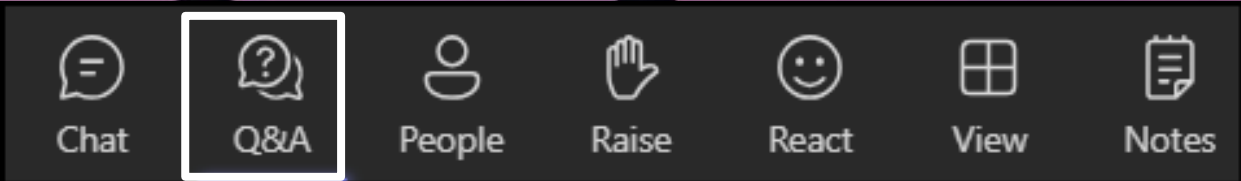


Paul Challinor  
Senior Finance Business Partner



Please feel free to post  
any questions in the Q&A  
section

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top of your screen





# The Great Grid Upgrade





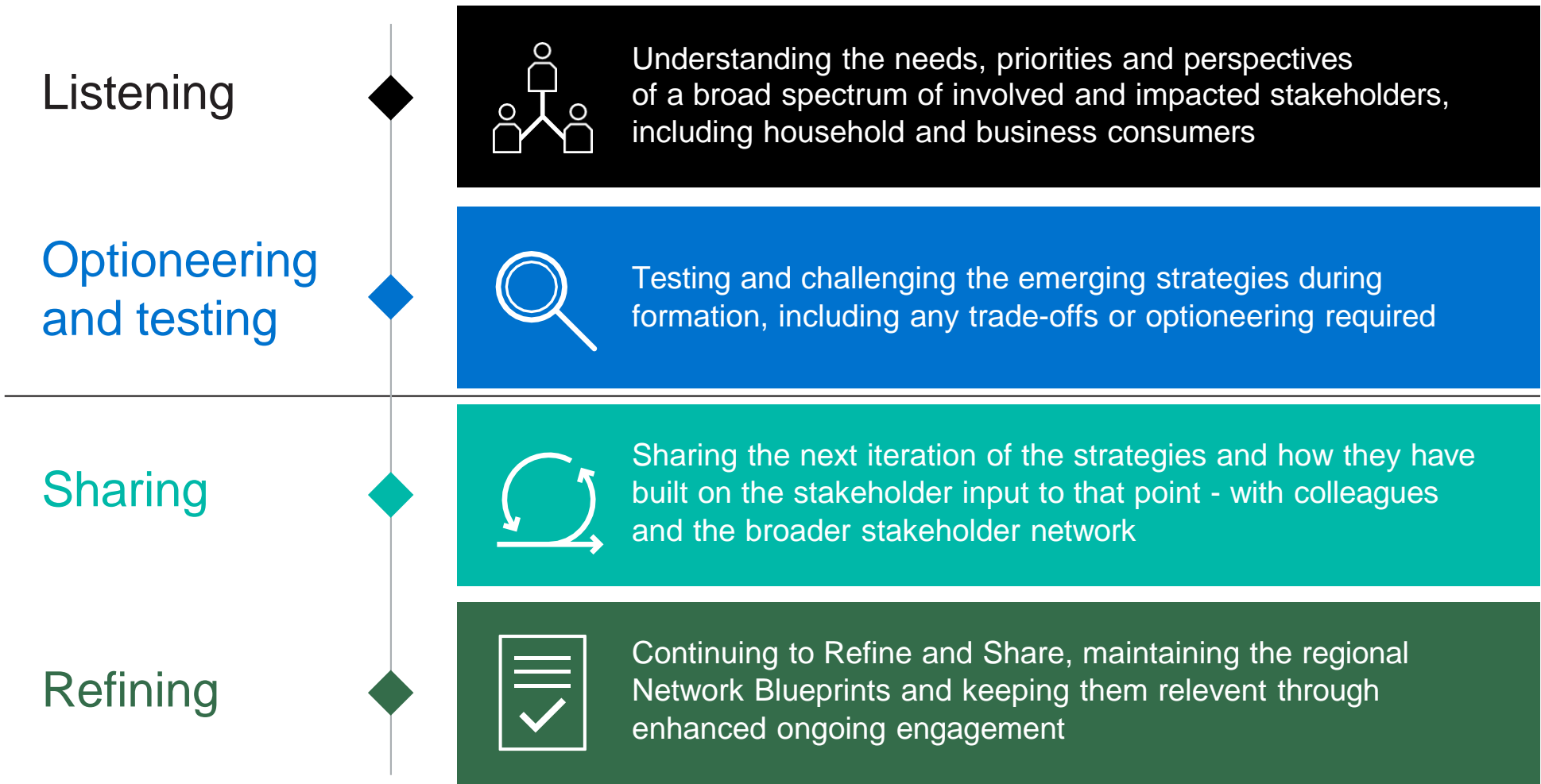
# The big picture



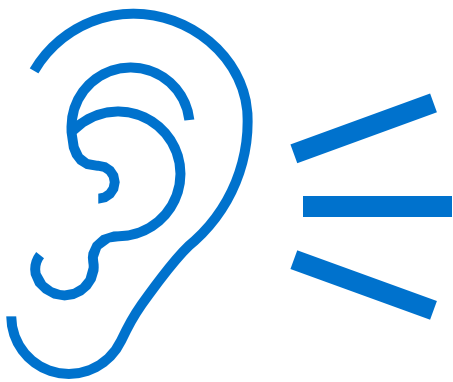


# Our engagement approach

Since 2022 we have listened to and worked with those who are impacted by the design, timing, cost and delivery of the network upgrade...

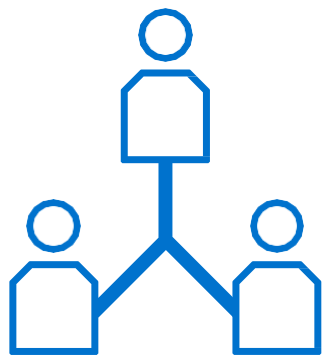


## Our iterative stakeholder engagement approach



12,000

Listened to over 12,000 voices representing all stakeholder groups



23,300

Consulted with 23,000 residents in communities already impacted

...And this approach continues beyond our Business Plan submission to Ofgem in December, as we refine its details throughout delivery.

# What we learned and how it set our ambition



Feedback and challenge from our Independent Stakeholder Group (ISG) has been invaluable in shaping our engagement strategy and business plan

## Balancing priorities and expectations

### Deliver the capacity needed today

Meet the urgent need to connect home-grown, renewable energy sources and new energy consumers

### Build fit for the future

Develop the network for future needs and invest ahead of time

### Maintain a safe, reliable system

It's vitally important to everyone

### Protect nature

Look after the environment around upgrade works and reduce your emissions

### Support local communities

Minimise the local impact of our work and invest in what matters to local people

### Look after those in vulnerable situations

Control costs and find ways to reduce burden on those who can least afford to pay

### Step up to the challenge

The scale of the work ahead is enormous

## Our ambition

Deliver the Grid for tomorrow

Do the right thing for consumers, communities, and the environment

Transform to make it happen



# Examples of how we are responding to what we learned from our engagement



Our engagement and research highlights (76%) people see network upgrade works as important – with a range of important goals for the upgrade to achieve

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“We need a cleaner, reliable, more affordable energy supply and network”

---

“We need you to make connecting easier and faster”

---

“We want you to build with the future in mind”

---

“We want you to consider those in vulnerable situations ”

---

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**Therefore we have...**

prioritised maintaining world class reliability through our Network Asset Management Strategy

---

**Therefore, we are proposing...**

a new incentive to drive us to speed up the delivery of new connections capacity to invest in new digital capabilities to improve the customer connection experience

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**Therefore, we have included in our plan...**

flexible investments that give us optionality to quickly to connect additional customers in the future Poverty

---

**Therefore, we are proposing...**

stretching efficiency targets and to reduce our opex as a % of RAV during T3 to continue with our community grants scheme, with bespoke support linked to our major projects to support disadvantaged groups through our Grid for Good scheme to advocate for vulnerable customers with policy makers, including through the Committee on Fuel Poverty



# We have used this insight to shape our plan region by region into eight Future Network Blueprints



We have taken a new approach to developing our network which combines stakeholder priorities and expectations at both a national and regional level, with our own insights on the specifics and needs of our network in each area of the country under eight distinct regions



We will continue to test and evolve our Future Network Blueprints with key impacted stakeholders including Combined Authorities and other energy networks

We need to balance the need for a long-term strategy and meet shorter term needs

We adopted a “touch once” strategy to bundle work together to improve efficiency and consider system outages



# Informed by this insight, we are making a number of commitments to consumers for what we will deliver in RIIO-T3

## Highlights include...

### Deliver the grid of tomorrow



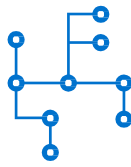
**35GW**  
Generation capacity connected compared to 15GW in T2



**60**  
major new network expansion projects identified by the NESO developed or delivered



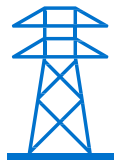
**1% of totex**  
invested in innovation,



**99.9999%**  
network reliability from ensuring network risk does not increase during the period



**>19GW**  
Demand connected including support to Govt new Growth Driving Sectors



**1/7th**  
Upgrading or replacing 1/7th of our overhead line network for combined load and health benefits

**10%**  
of which our shareholders will fund

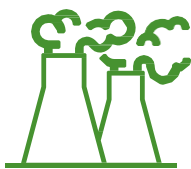




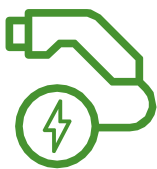
# Informed by this insight, we are making a number of commitments to consumers for what we will deliver in RIIO-T3

## Highlights include...

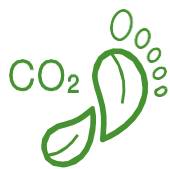
Do the right thing for our customers, communities and the environment



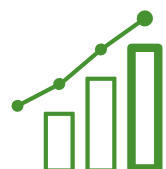
**50%**  
reduction in scope 1 and 2 emissions from a 2018/19 baseline by 2031



**100%**  
medium and light duty fleet purchases are zero emission vehicles by 2031



**Zero**  
avoidable waste and  
**10%**  
recycled / reused content in construction by 2030



**0.7%**  
year on year stretching efficiency improvement target



**>10%**  
Biodiversity Net Gain + wider environmental and societal benefits



**125,000**  
helping to meet our group ambition of 125,000 volunteering hours





# Informed by this insight, we are making a number of commitments to consumers for what we will deliver in RIIO-T3

## Highlights include...

### Transform to make it happen



2.8x

investment in our data and digital capabilities, to continue our journey to an intelligent connected utility of the future



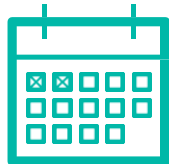
50%

increase in our annual graduate and apprenticeship intake



60%

Increase in training days through investment in expanded facilities



Adopt a new optimised network planning approach with

75%

of necessary overhead line health work delivered through load related intervention



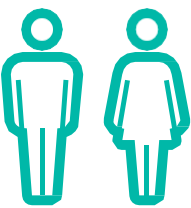
>40

Sites refurbished to provide modern and inclusive workplaces



>40%

Expansion of our qualified supplier base to increase supply chain capacity



1,500

Expanding our workforce by 1500 to deliver our ambitious plan





# Key dates





# Questions and Answers



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Head of Future Price Controls



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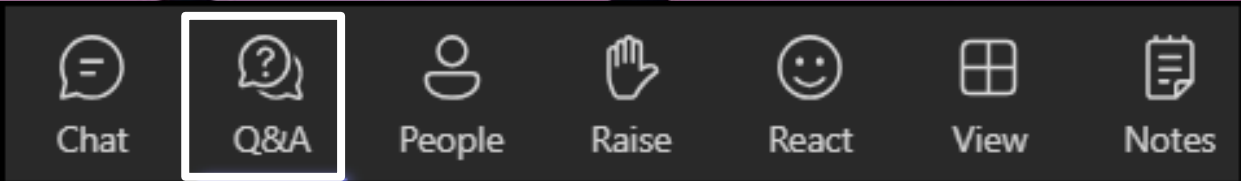


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