

# South West focus RIIO-T3 Webinar



nationalgrid

# Thank you for joining

## Housekeeping

- Please note that this session will be recorded.
- Please add your questions via Q&A function for our dedicated session at the end of the talk – 30 minutes Q&A.
- Questions and Answers supported by Environmental, Connections, Responsible Business and Whole System Planning leads.
- Alternative for raising questions [pathwaytonz@nationalgrid.com](mailto:pathwaytonz@nationalgrid.com)

## Agenda

Introduction	5 mins
Forming Future Network Blueprints	10 mins
South West Future Network Blueprint	10 mins
Next Steps	5 mins
Environment commitments	5 mins
Update from SSEN and NGED	15 mins
Update from NESO	10 mins
Questions and Answers	30 mins

# Introduction

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**Sara Habib**

Head of Future Price Controls  
Electricity Transmission

Please post any questions you have for us via Teams Q&A function or through :

[pathwaytonz@nationalgrid.com](mailto:pathwaytonz@nationalgrid.com)





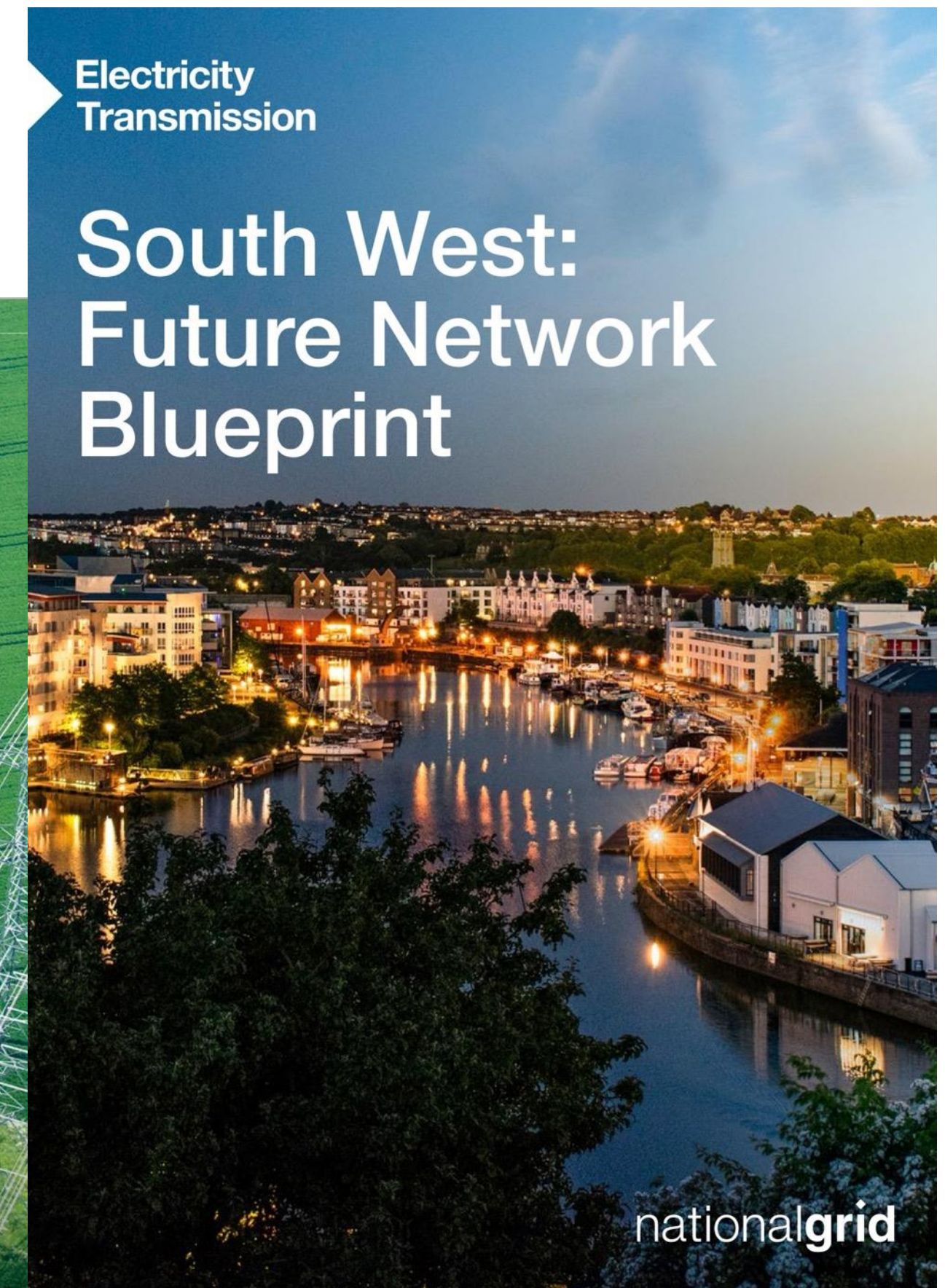
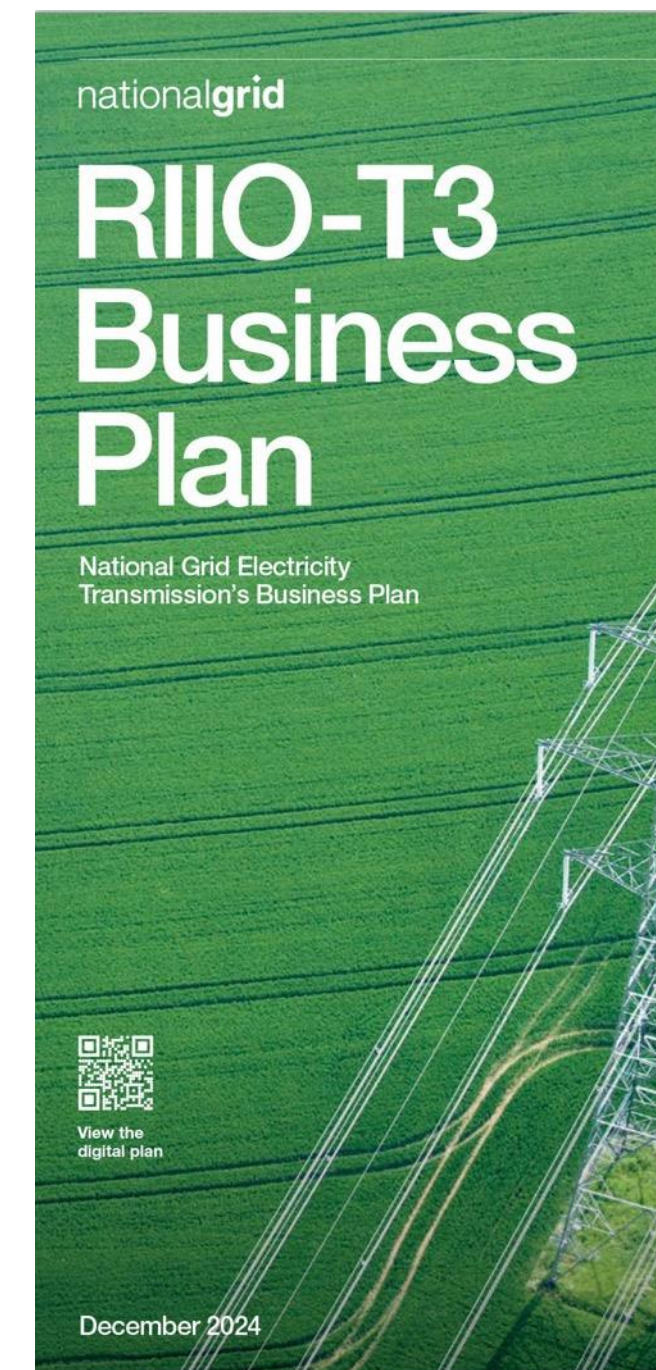
We own and operate  
the transmission network  
that is the backbone  
of electricity system in  
England and Wales

The objective of today's webinar is to set out the South West view of the future network outlined in our business plan for 2026-2031.

Our £35bn business plan was submitted in December 2024 and will now be assessed by Ofgem.

Our plan will nearly double the amount of power we can transfer across England and Wales and more than double the rate of connecting our customers.

We want stakeholders to be involved in the 'call for evidence' that Ofgem has opened as part of the RIIO-T3 price control process and to feel well-informed on what is included in our plan and why.

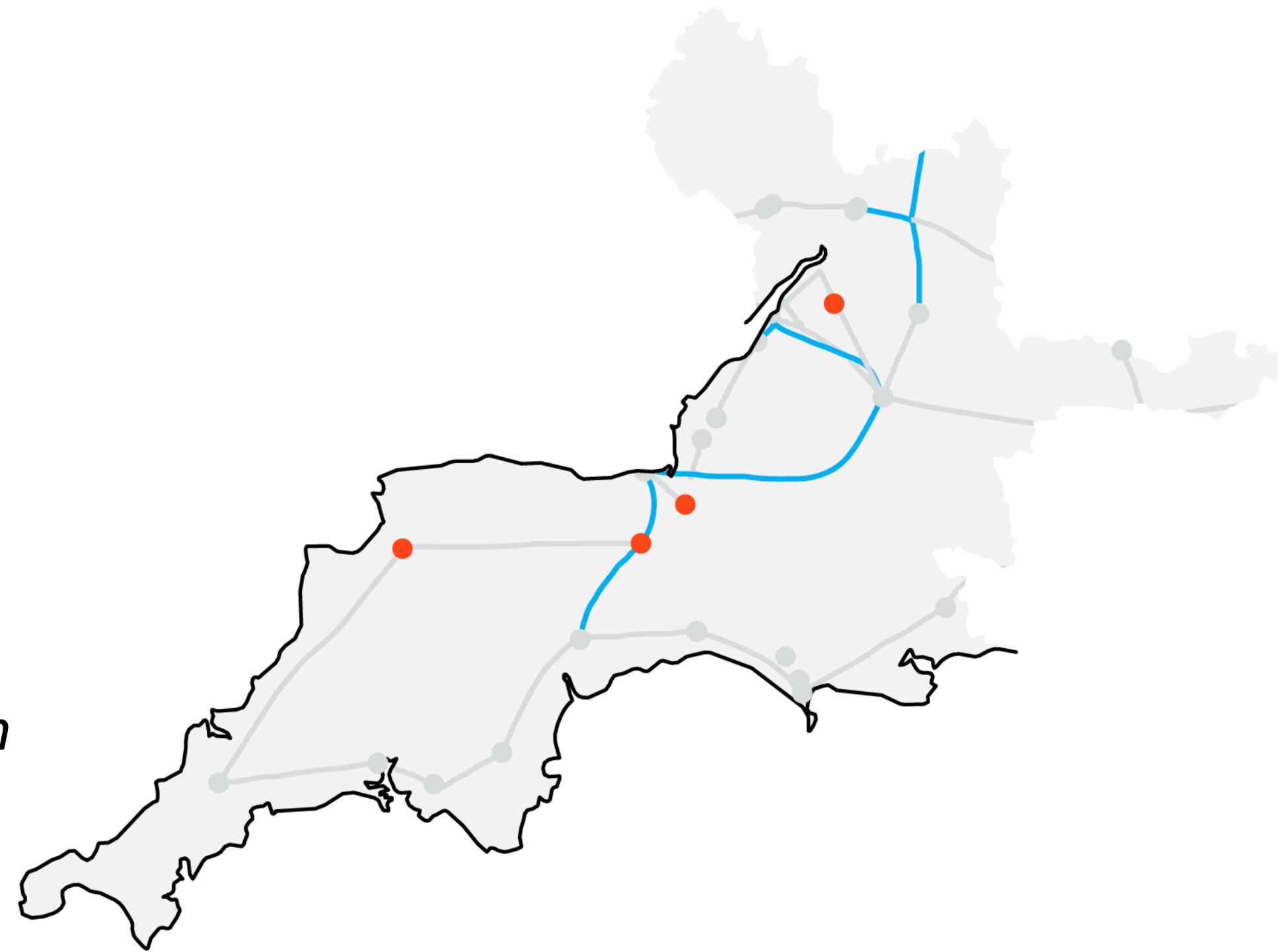


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# Context on our regional plans

*This regional view considers electrical factors such as power transfers and access for planned outages and, where possible, aligned to the distribution network operator and local authority boundaries.*

*This webinar is not about the detailed project development, precise location, or technology options under consideration for individual network upgrades. That comes through individual project consultations, in line with Planning Act requirements.*



*Please contact us for project details at [Communityrelations@nationalgrid.com](mailto:Communityrelations@nationalgrid.com)*

*This webinar is part of our ongoing engagement. For the past couple of years we held regionally focused workshops, bringing together local organisations, like local authority representatives, businesses, other network companies and the National Energy System Operator (NESO), to gather perspectives and co-create our network plans.*

# Forming the Future Network Blueprints

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**Jay Taylor**

**Regional Strategy Manager**

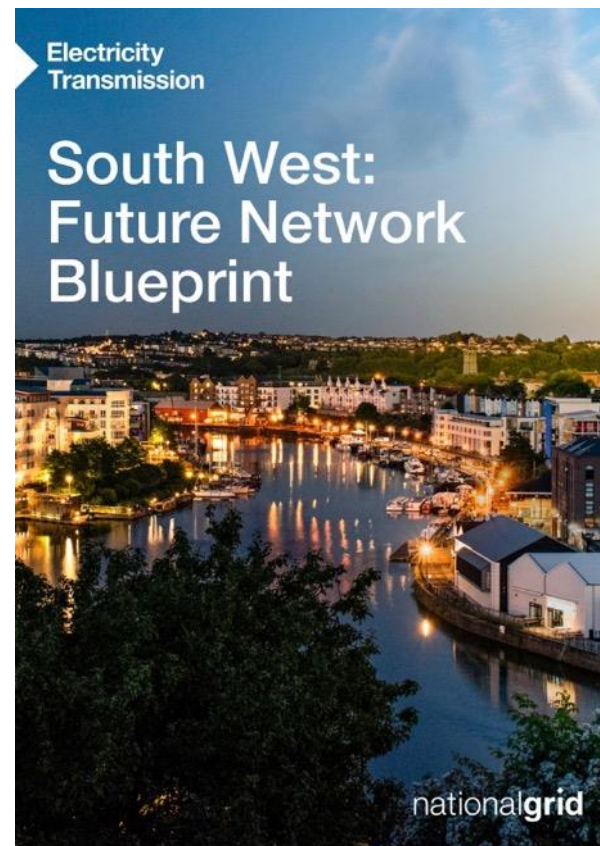
National Grid Electricity Transmission



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# Future Network Blueprints



## What are they?

A single and coordinated ‘best view’ of the work needed across different regions of our network across England and Wales to enable the overall transition to net zero.

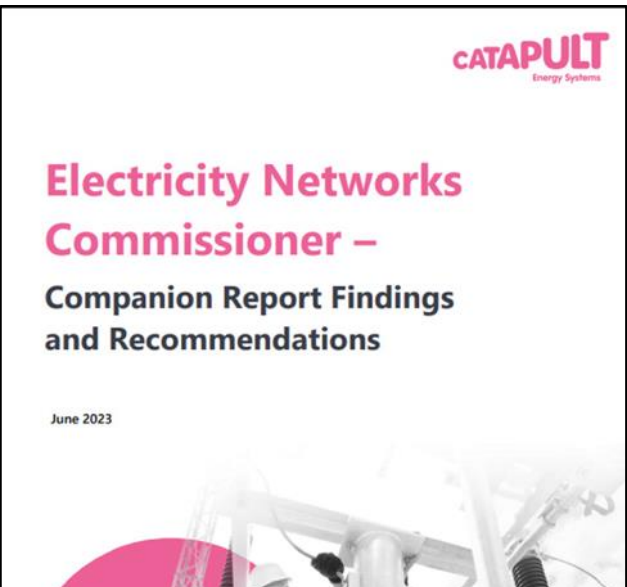
## What do they do?

They help us to make coordinated decisions about where, when and how to upgrade the grid.

This forward- thinking, holistic planning approach allows all parties to enhance efficiency through collaboration and coordination – with an aim to do it once, do it right.



# The energy landscape



National Grid Electricity Transmission and other network companies

Ofgem

Mission Control

Customers  
Consumers  
Communities

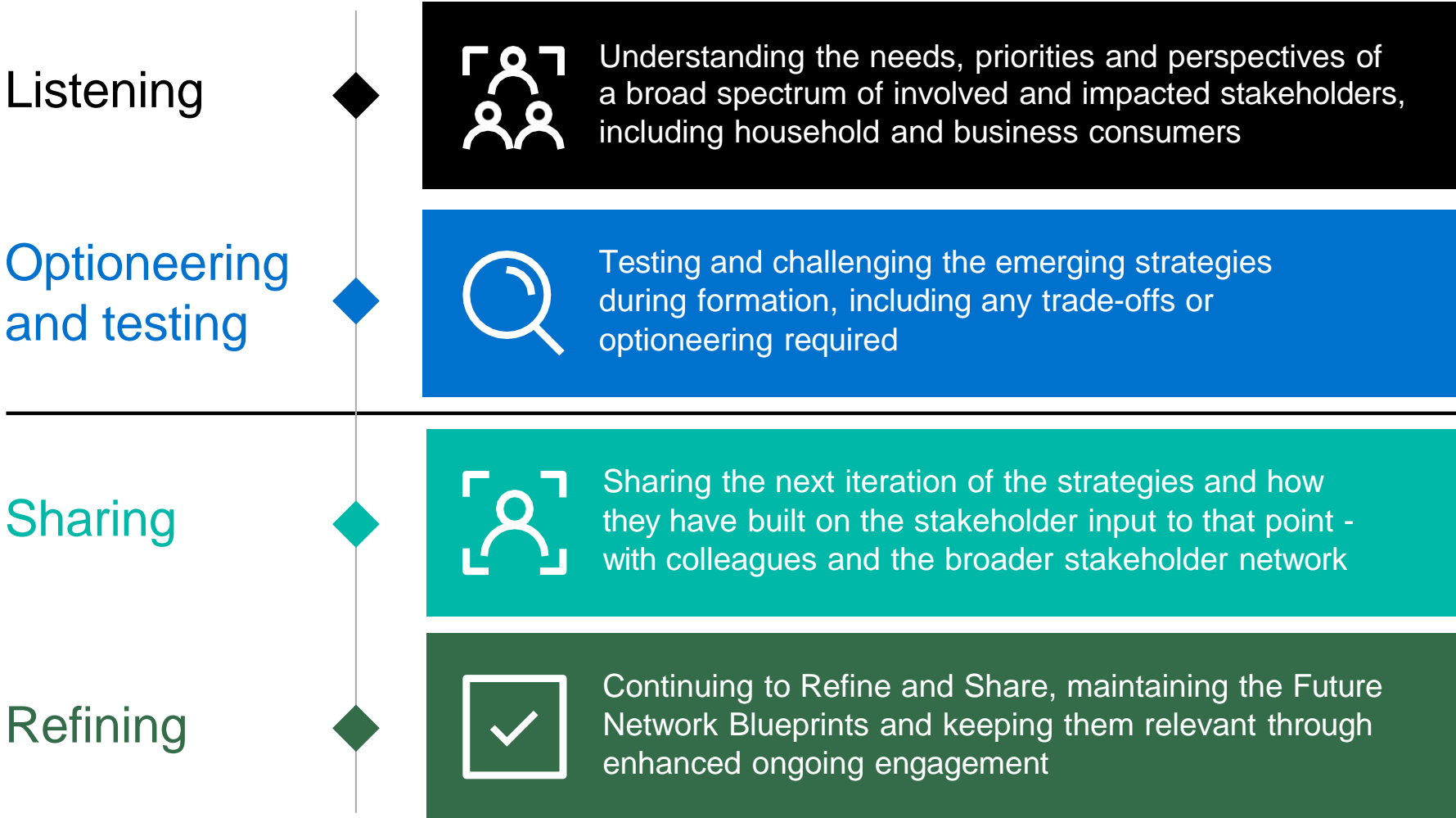
National Energy System Operator

Department for Energy Security & Net Zero



# Our overarching nationwide Stakeholder 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...



...And this approach continues beyond our December RIIO-T3 Business Plan submission to Ofgem, as we refine its details throughout delivery.

  
**12,000**  
voices

**We listened to over 12,000 voices** representing all stakeholder groups

  
**23,000**  
residents

**We consulted with over 23,000 residents** in communities already impacted

  
**35**  
workshops

**We held 35 region focussed workshops** with our industry partners and peers


We hosted a playback webinar on our T3 plan in November




# What we learnt – forming our network planning approach


With an ever-evolving energy landscape, we needed a more comprehensive approach to our network planning

 During our listening phase we got to understand the detail...

 By thinking differently, and working closely with stakeholders, we can help transform the electricity network to meet everyone's future energy needs.

 We need to work more closely than ever with all our stakeholder groups

 Local network needs differ, requiring a more focused approach

 Visibility of our investment planning is critical

 We need to coordinate and collaborate on our plans

 We need to be flexible to changes and not wait for 100% certainty



# The process

Based on insights from our stakeholder engagement programme we set three ambitions which shape our plan

We have developed a comprehensive framework to test and validate our investments against our new ambitions.

This encompasses **whole system planning**; focused on an integrated and collaborative approach.

## Ambition A

Deliver the grid of tomorrow, today

Deliver with urgency the Transmission Network needed for Great Britain's future growth and decarbonisation

## Ambition B

Do the right thing for consumers, communities and the environment

How we deliver is as important as what we deliver

## Ambition C

Transform the way we work

Transform our capabilities to deliver for consumers

### Step 1

Information gathering



- Regional context
- Current network view
- Design the right network

### Step 2

Insights and analysis



- Stakeholder engagement
- Connections
- Safe and reliable network
- Strategic infrastructure

We now go on to unpack Step 2

### Step 3

Develop strategic options



- 2050 backwards
- Network design principles
- Network compliance

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# South West Future Network Blueprint



# South West | Stakeholder Engagement

Distribution networks



We are working with local distribution networks (DNOs) to understand the impacts and requirements in that region and develop 'whole-system' solutions.

**16**  
Indicates the number of whole system opportunities we have already identified in the South West

**What does the term 'whole systems thinking' mean to you?**  
(Pathway to Net Zero workshops, poll base: 103)



**What did stakeholders in the South West initially tell us?**

- '(Connections queue impact) At input level it limits our net zero ambitions, and coming out the other end it's a planning issue because we can't bring forward housing or employment sites.'  
(Local Authority)
- 'If we want to decarbonise our vehicle fleet to hydrogen, we need to have spare capacity on the network.'  
(Air transport)
- 'There needs to be more collaborative thinking with connections.'  
(Local Authority)

**83%**  
Connections timescales have impacted my organisation's plans  
(Pathway to Net Zero workshops, poll base: 75)

# South West | Safe and Reliable Network

Step 2  
Insights and analysis



A reliable network is a top priority for everyone.



### Commitment

Maintaining a safe, reliable and resilient system through a period of growth and changing asset base.

### Natural hazard resilience

By the end of 2025, all relevant South West sites will be fully compliant with Energy Networks Association standard 138 on flood protection.

### Physical security resilience

With increasing generation and demand we are investing in enhanced physical security at sites within the region.



### Challenge

If we looked to do this portfolio of work in isolation, we would not have enough resource, supply chain support or access to the network to complete it.



### Solution

Our approach aligns asset health and new infrastructure plans to optimise best use of our resources.



Overhead line in region that requires replacement in the next 10 years



High voltage cable to replaced in the next 10 years

### Asset health intervention regional metrics



Circuit breakers



Bay assets



Voltage management assets

# South West | Customer Connections

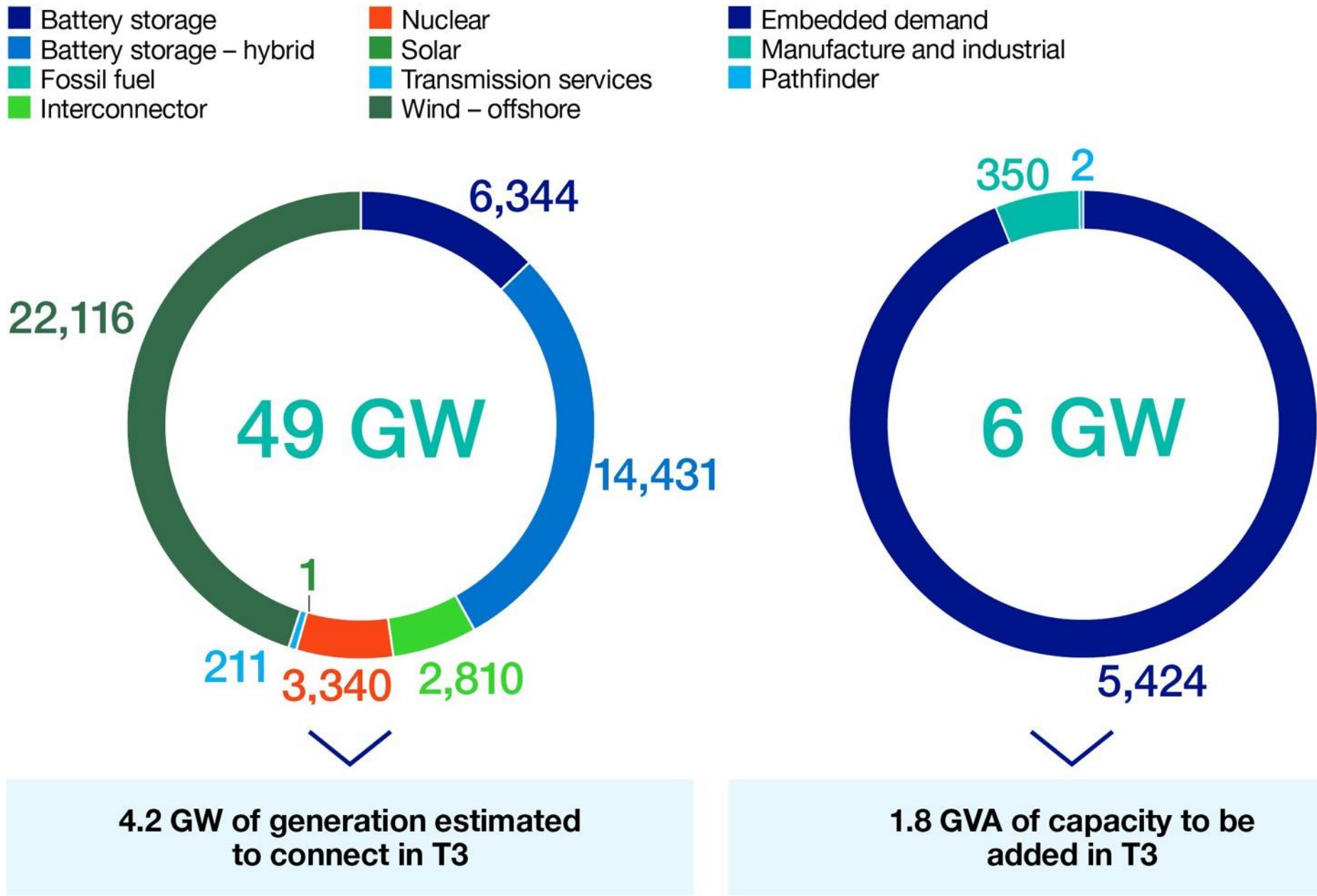
We need to make it easy to connect and use the electricity network

**Commitment**  
 Enable the connection of new generation and demand customers to support Government targets.

**Challenge**  
 Not all the connections in the queue will connect to the network.

**Potential solutions**  
 We have progressed a number of connections which form a baseline and pipeline plan of work.

Connections Reform will help enable connections to the network by reviewing the current connections queue.



Customers have contracts for new connections to 2034 that would deliver **49 GW generation** and **6 GW of demand connections** in this region.



# South West | Strategic Infrastructure

Step 2  
Insights and analysis

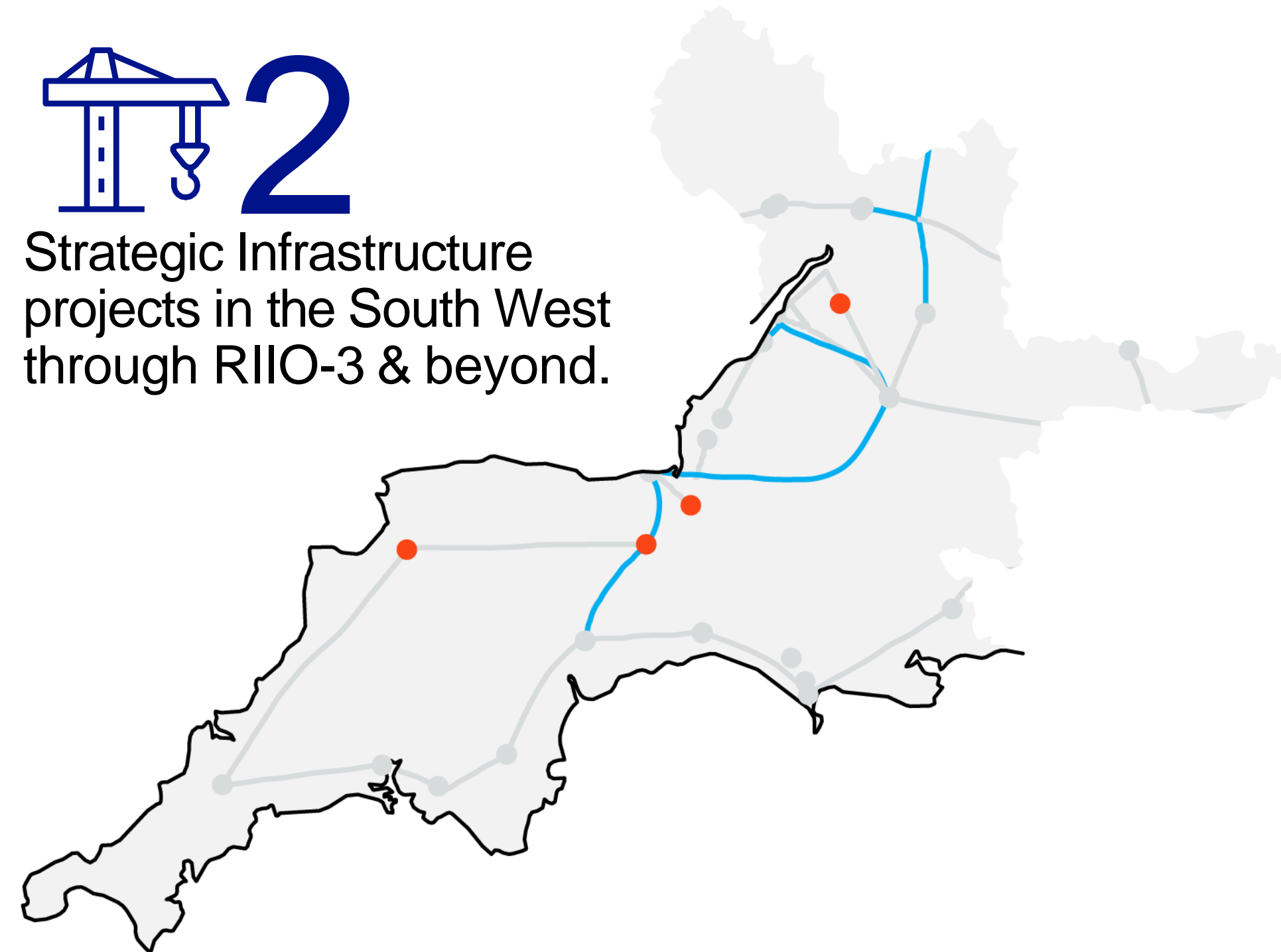
The National Energy System Operator (NESO) is responsible for identifying and timing of new strategic infrastructure on the electricity transmission network by incorporating;

- Energy scenario analysis
- Alignment with government policies on decarbonisation
- Market intelligence
- Stakeholder engagement to predict future energy needs.

The process is evolving to ensure that strategic infrastructure development is proactive, addressing both current and future challenges, and supporting the transition to a sustainable and reliable energy system.



Strategic Infrastructure projects in the South West through RIIO-3 & beyond.



In the South West we are maximising the use of existing infrastructure through upgrades, whilst also establishing new to support increasing power flows in the region.

# South West | Plan Overview

National Grid’s electricity transmission strategy in the South West focuses on upgrading several existing sites and circuits in the region to increase capacity and improve power flows across the region.

This includes completing the strengthening of the network around Hinkley Point C to facilitate the export of surplus clean power

We are working with the distribution network to enable additional capacity for embedded generation and are also evolving a regional strategy for broader transmission reinforcements for expected future renewable connections in the region

**£1.1bn**  
of investment

to maintain, upgrade and develop our network in T3

**6 GW**  
demand

contracted to connect\*; **1.8 GVA** of additional capacity expected to be installed in T3

**49 GW**  
generation

contracted to connect\*; **4.2 GW** estimated to connect in T3

**686 km**  
of overhead line

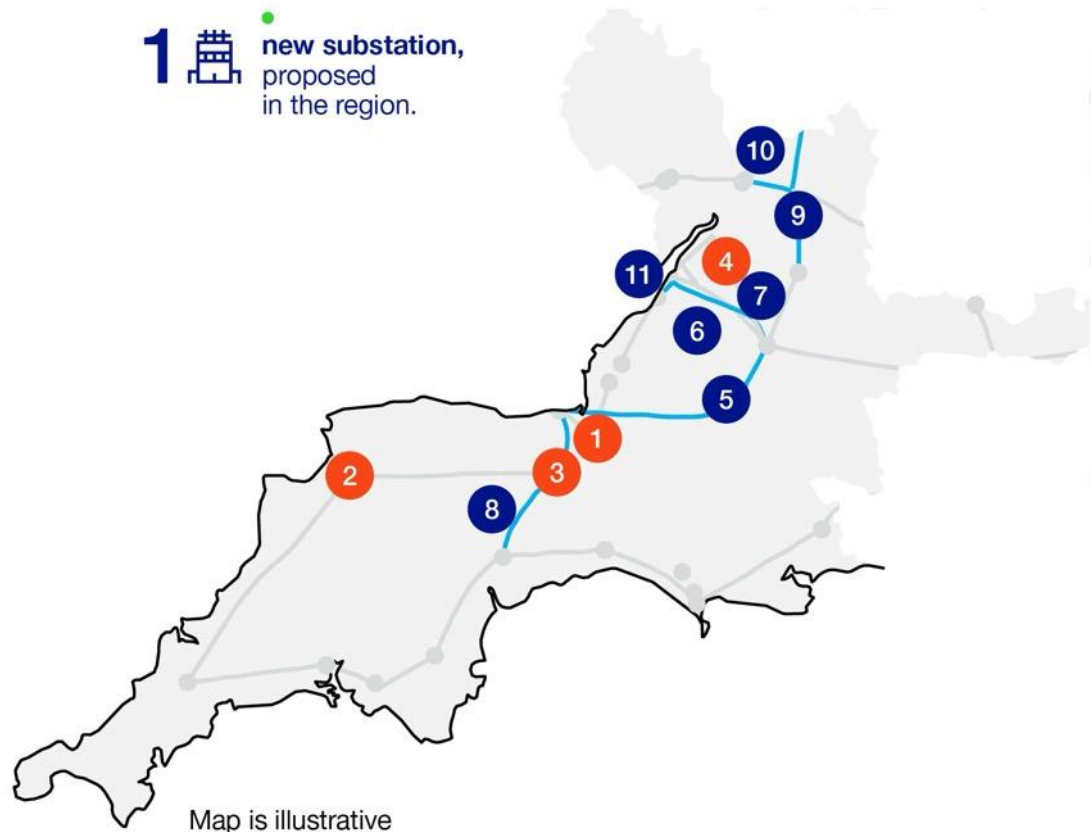
reconductoring planned within T3, equating to 39% of the region

**5**  
substation investments; 1 new and 4 major interventions in the region

**2**  
strategic infrastructure projects within the region

## South West Strategy

- Substations**
- 1 **Bridgwater 275 kV** Upgrade – T3 period
  - 2 **Alverdiscott 400 kV** Rebuild – Beyond T3
  - 3 **Taunton 400 kV** Upgrade – Beyond T3
  - 4 **Iron Acton 275 kV** Upgrade – T3 period



- Circuits**
- 5 **Hinkley Point – Melksham 1 and 2** Reconductor OHL circuit – T3 period
  - 6 **Imperial Park-Melksham** Reconductor OHL circuit – T3 period
  - 7 **Melksham-Seabank** Reconductor OHL circuit – T3 period
  - 8 **THRE – Hinkley Point – Taunton-Exeter** Upgrade circuit – T3 period
  - 9 **FMR2 – Feckenham to Minety** Upgrade circuit – T3 period
  - 10 **Feckenham – Walham** Reconductor OHL circuit – T3 period
  - 11 **Severn Crossing** – Cable and tunnel replacement – Beyond T3

\*Including T3 and beyond

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# Next Steps



# What's next for the South West Future Network Blueprint?

We want to be transparent about our plans today and into the future. Planning is an ongoing, evolving process and we want to ensure we incorporate the needs and expectations of those impacted by their shape, direction and timing.

- Outcomes from Clean Power 2030 and Connections Process reform – We have designed our plans to be adaptable to changes.
- We continue to work with our network partners Scottish and Southern Electricity Networks (SSEN) and National Grid Electricity Distribution (NGED), stakeholders and the newly formed National Energy System operator (NESO) RESP team to evolve our 'Whole System' planning approach and regional plans.



# Environmental Update for the South West

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**Alison Fulford**  
Carbon Technical Lead

National Grid Electricity Transmission

Please post any questions you have for us via Teams Q&A function or through :

[pathwaytonz@nationalgrid.com](mailto:pathwaytonz@nationalgrid.com)






# Delivering a sustainable electricity transmission network

## Our ambition

The changes we are proposing to our Environmental Action Plan in T3 will support the energy transition in a way that achieves **sustainable operations** and **contribute to a nature positive future**, whilst being **respectful of planetary boundaries**.

## How we deliver is as important as what we deliver

Pillars	Goals	Metrics	Delivering in the South West
	<p>We will achieve <b>net zero by 2050</b>, ensuring alignment to climate science and industry best practice to avoid the worst effects of climate change on people and the planet.</p>	<ul style="list-style-type: none"> <li>• <b>50%</b> reduction in scopes 1 and 2 emissions from 2018/19 baseline;</li> <li>• <b>50%</b> reduction in SF6 emissions by 2030 from a 2018/19 baseline;</li> <li>• <b>20% substation energy efficiency improvement</b> from a 2022/23 baseline;</li> <li>• Purchase <b>100% zero emission vehicles</b> for our light-duty fleet;</li> <li>• Deliver our <b>construction projects as low carbon intensity</b> as possible;</li> <li>• Achieve <b>net zero emissions</b> for our corporate property <b>office estate</b>.</li> </ul>	<p><b>Case study</b> Hinkley Connection Project</p> <p>The 57km, high voltage Hinkley Connection between Bridgwater and Avonmouth in the South West is bringing low carbon, homegrown energy to six million homes and business across the UK. National Grid has installed overhead conductors on all 116 of its new T-pylons.</p> <p>As well as connecting millions of homes and businesses to low carbon energy National Grid is committed to leaving an environmental legacy as part of the Hinkley Connection Project.</p> <p><b>Nature</b> 2,500 trees planted along Hinkley Connection route.</p> <p><b>Reducing waste</b> Five wooden cable drums to the Bristol Wood Recycling Project, saving 750kg of wood from going to waste.</p> 
	<p>We will contribute to the preservation, restoration and enhancement of the natural environment and contribute to the wider global Nature Positive goal to 'halt and reverse nature loss by 2030'.</p>	<ul style="list-style-type: none"> <li>• Deliver at least <b>10% or greater Biodiversity Net Gain</b> (or equivalent in Wales) plus wider environmental and societal benefits.</li> <li>• Advance understanding in the development and delivery of effective <b>marine restoration and enhancement</b>;</li> <li>• Work with grantors <b>to deliver nature connectivity</b>.</li> <li>• Disclose our material <b>nature-related risks and opportunities</b>.</li> </ul>	
	<p>We will operate within the limits of our planet by seeking to eliminate pollution and restrict the use of finite resources, so that humanity can continue to develop and thrive for generations to come.</p>	<ul style="list-style-type: none"> <li>• Improve our circular economy maturity levels and aim to be in the <b>'engaged' level in BS8001</b> circular economy standard;</li> <li>• Deliver <b>zero avoidable waste in construction</b></li> <li>• Requirements for <b>10% recycled / reused content</b> in key construction materials.</li> </ul>	





# Update from the DNOs

Please post any questions you have for us via Teams Q&A function or through :  
[pathwaytonz@nationalgrid.com](mailto:pathwaytonz@nationalgrid.com)

# Update from Scottish and Southern Electricity Networks

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**Andy Wainwright**  
Whole System Manager



Please post any questions you have for us via Teams Q&A function or through :

[pathwaytonz@nationalgrid.com](mailto:pathwaytonz@nationalgrid.com)





# SSEN APPROACH TO NET ZERO



**Scottish & Southern  
Electricity Networks**

DSO Powering Change



# THE SSEN STRATEGIC PLANNING PROCESS

Making decisions today in light of long-term and whole system needs.

Forecasting needs



Create strategic plan



Develop detailed options

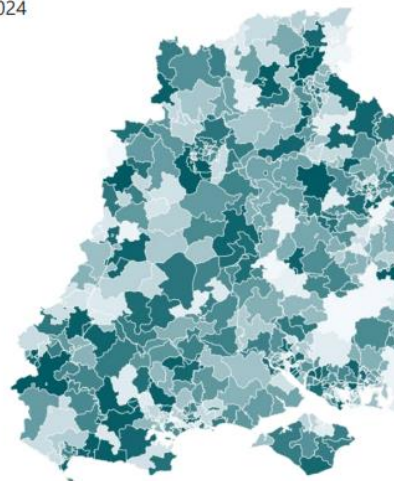


Deliver projects



## SSEN DISTRIBUTION FUTURE ENERGY SCENARIOS 202

Results and methodology report for the Southern England  
March 2024



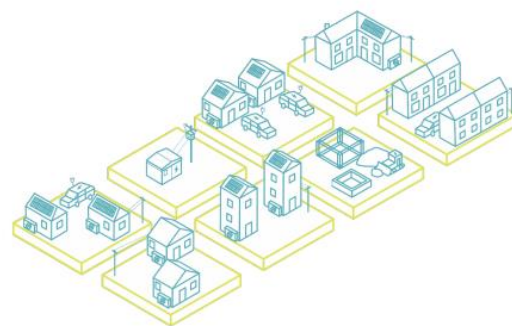
## SSEN Distribution STRATEGIC DEVELOPMENT PLANS METHODOLOGY

Draft for consultation  
September 2024



## JUST TRANSITION, VULNERABILITY AND FUTURE ENERGY SCENARIOS

Planning for a fairer net zero future  
September 2024



## COWLEY GRID SUPPLY POINT: STRATEGIC DEVELOPMENT PLAN

Our network serving communities across Oxfordshire and High Wycombe  
(Draft for consultation)  
12/2024



## SSEN Distribution DISTRIBUTION NETWORK OPTIONS ASSESSMENT (DNOA) METHODOLOGY

March 2024



## SSEN Distribution DNOA OUTCOMES REPORT

November 2024





# COWLEY GSP EXAMPLE

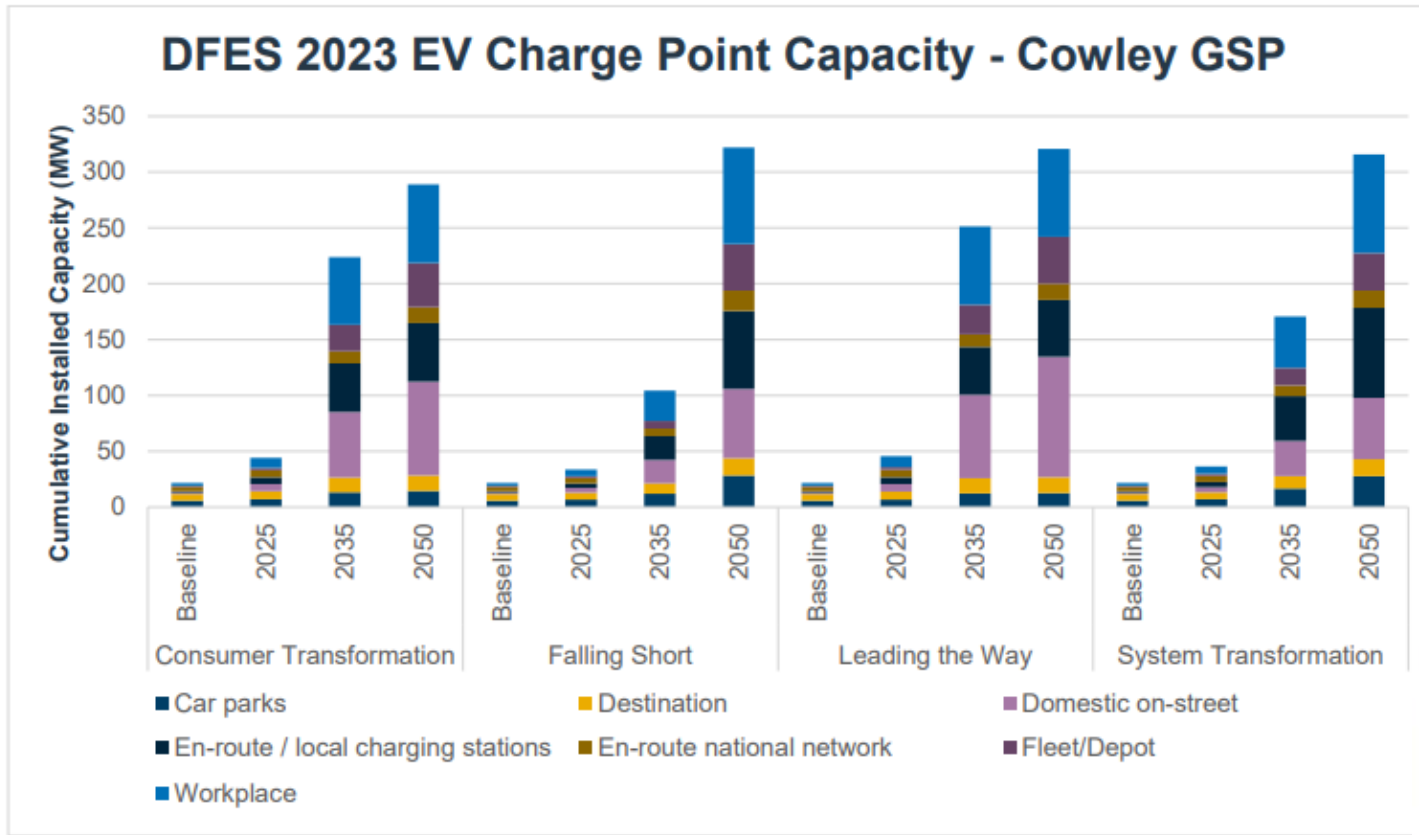


Figure 9 Projected EV charge point capacity across Cowley GSP. Source: SSEN DFES 2023.

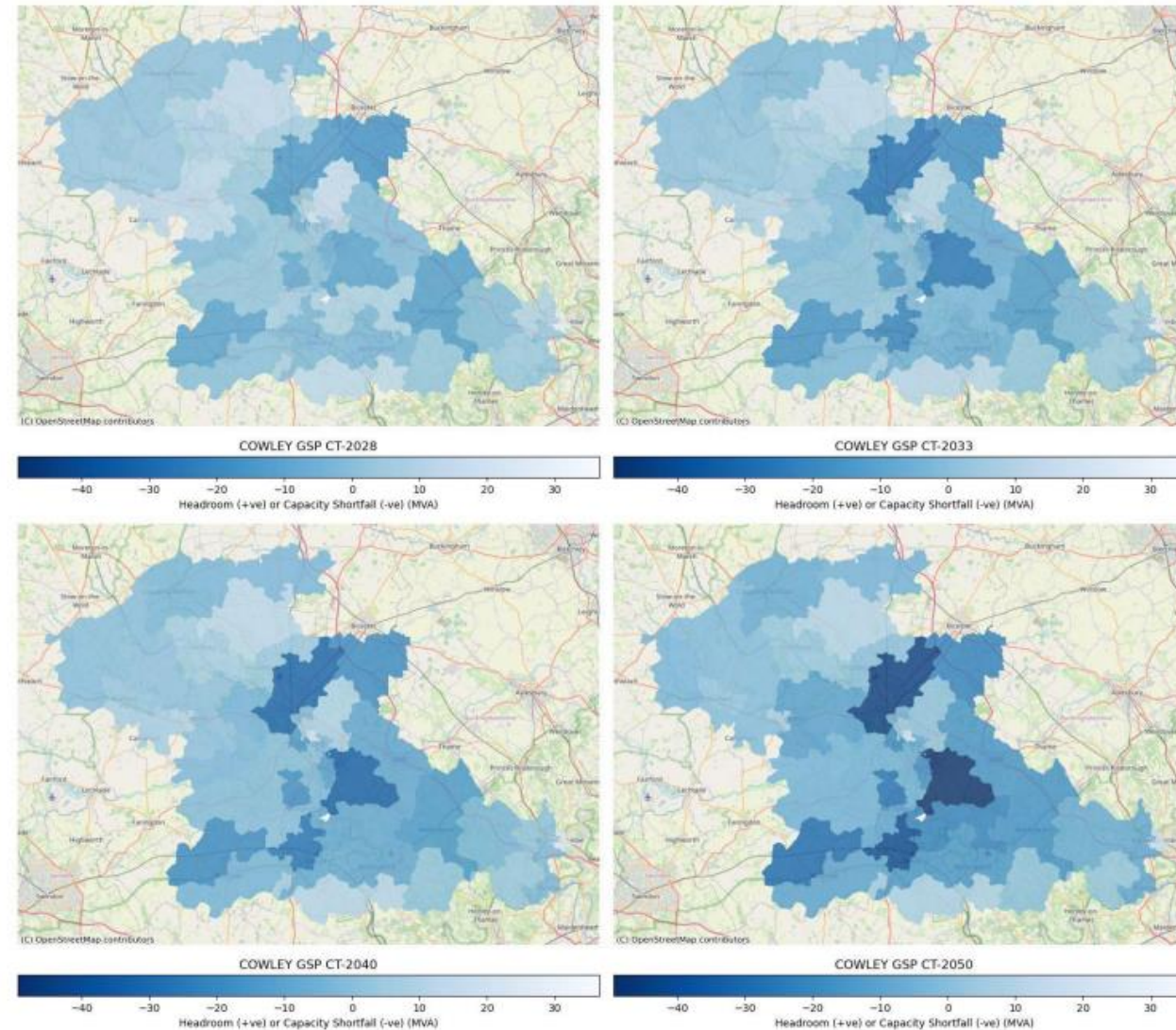


Figure 13 Cowley GSP - EHV/HV Spatial Plan - Consumer Transformation



## DNOA Outcome Report

### North Oxfordshire (Yarnton & Witney BSP)

**Scheme description**

- The reinforcement of the Cowley GSP - Yarnton BSP circuits will increase capacity in the north Oxfordshire area. Postcode(s): GL54, OX(1-5, 7, 13-15, 18, 20, 25, 27-29), SN7.
- Local Authority: West Oxfordshire, Cotswold, Vale of White Horse, Oxford, Cherwell
- Load related - circuits overload during FCO conditions due to forecasted demand growth.

**Proposed option**

- Flexibility/Asset Solution: Installation of an additional 132kV circuit between Cowley GSP and Yarnton BSP.
- This option addresses the forecasted demand growth on the Cowley/Yarnton network out to 2050.
- Capacity released: 262MVA

**System need requirement**

J	F	M	A	M	J	J	A	S	O	N	D

**DNOA History**

2024/25	2025/26	2026/27	2027/28	2028/29
Initial assessment				

**Indicative flexibility price (if available):**

- Availability price: £150/MWh
- Utilisation price: £200/MWh

**Reinforcement timeline**

- Flexibility solution utilised in 2024/25 and 2026/27 to 2028/29.
- Reinforcement delivery by the end of 2028/29.

**Estimated peak MW outside firm network capacity under each scenario**

Grey text relates to estimated peak MW without reinforcement delivery

	2024/25	2025/26	2026/27	2027/28	2028/29	2029/30	2030/31
CT	7.65	-	17.44	28.05	38.78	-(89.01)	-(101.70)
ST	4.44	-	8.6	15.82	22.06	-(68.20)	-(74.71)
	0.05	53.34	-(107.45)	-(122.20)			
	16	14.45	-(59.03)	-(64.40)			

**Constraint management timeline**

Network constraint becomes active      Network constraint removed

Flexibility utilisation      Flexibility procurement      Flexibility utilisation      Network reinforced

2024/25      2025/26      2026/27      2027/28      2028/29      2029/30      2030/31 Year

atcomes Report November 2024 - Ref. 1124-17



# Update from National Grid Electricity Distribution

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**Emily Taylor**  
Regional Decarbonisation  
Manager



Please post any questions you have for us via Teams Q&A function or through :

[pathwaytonz@nationalgrid.com](mailto:pathwaytonz@nationalgrid.com)

**nationalgrid DSO**

# **Planning our future distribution network**

**Emily Taylor  
DSO Strategic Engagement Officer**



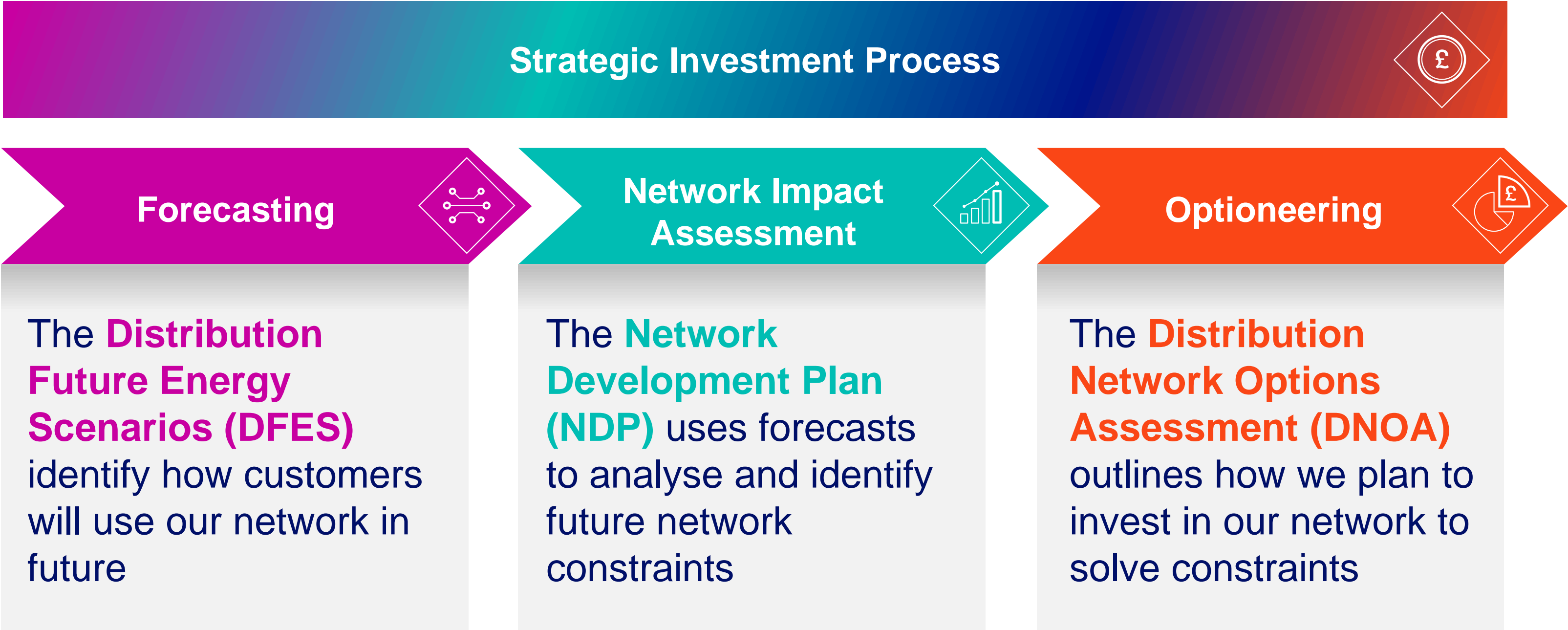
# What we are working towards

**1** We are committed to evolving and improving how we collaborate and coordinate the local energy transition across the whole system, in partnership with key stakeholders, working together in order to identify network improvements required for decarbonisation.

**2** We are taking a more strategic approach to how we design and build our distribution network going forward with strategic investment that is evidence based.

**3** This approach is based on open and transparent conversations about our network and doing all we can to support our stakeholders achieve their decarbonisation aspirations

# Investing in our network



# Network Investment and the Importance of Stakeholder Engagement

**Our strategic investment process will ensure we:**

- Maximise the use of 'hidden' capacity on the network, whilst ensuring network investment is delivered when it's needed and to keep consumer bills low in the process.
- Collaborate and coordinate across the whole-system, to help stakeholders achieve their decarbonisation plans.

Please scan the QR codes below for further details of our **Distribution Future Energy Scenarios (DFES)**, **Network Development Plan (NDP)** & **Distribution Network Options Assessment (DNOA)**

**DFES**



**NDP**



**DNOA**





nationalgrid DSO

Thank you for listening.

If you have any questions you can email  
[nged.energyplanning@nationalgrid.co.uk](mailto:nged.energyplanning@nationalgrid.co.uk).

National Grid Electricity Distribution plc.  
Avonbank  
Feeder Road  
Bristol BS2 0TB

[nationalgrid.co.uk](http://nationalgrid.co.uk)



# Introduction to the NESO

# NESO update on Strategic Energy Planning (SEP)

January 2025

**Kieran Highman – RESP Regional Manager – South West**

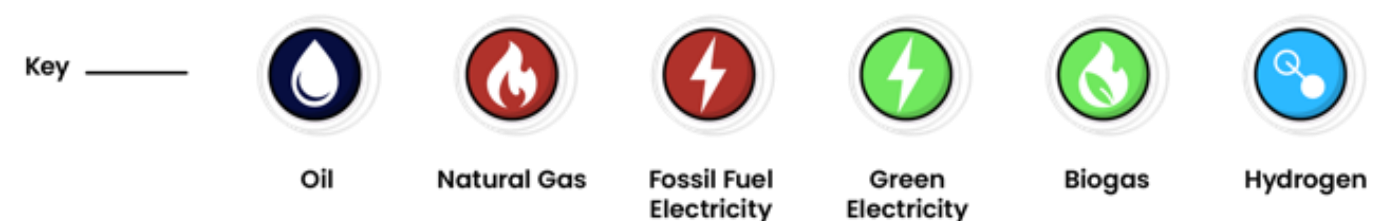
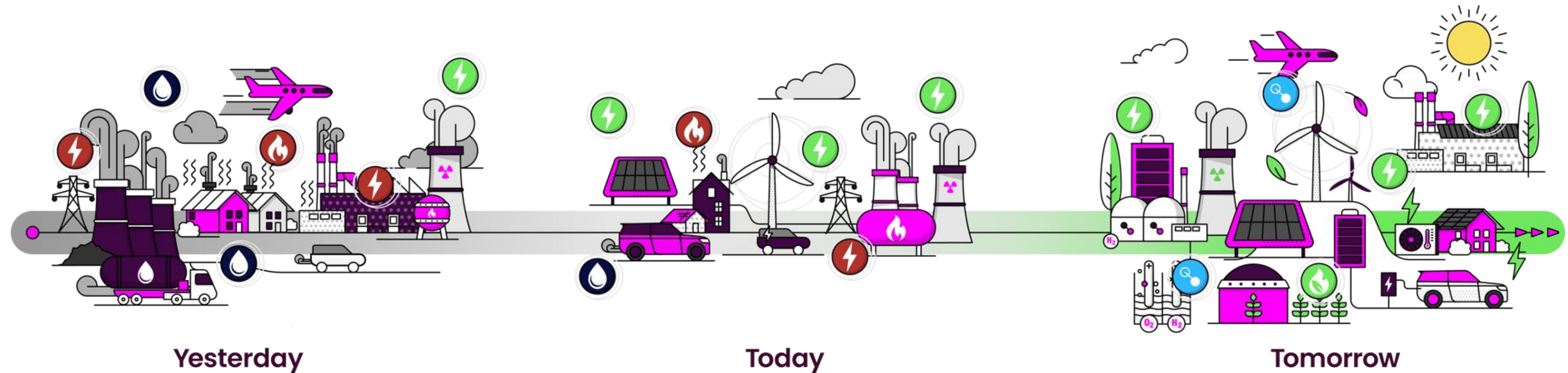
Regional Energy Strategic Planning  
National Energy System Operator

# Overview

1. National Energy System Operator overview
2. Strategic energy planning (SEP) overview
3. Next steps (milestones)

# A changing energy landscape

- The energy system is critical to almost all aspects of our daily lives and fundamental to decarbonising the economy.
- **The way we use, store and source energy is significantly changing** and we have an opportunity in this period of change to shape an energy system that fosters economic growth and prosperity for Great Britain, creating jobs and building skills.
- This valuable opportunity will help **protect the environment** for current and future generations and ensure energy is **affordable** for everyone.



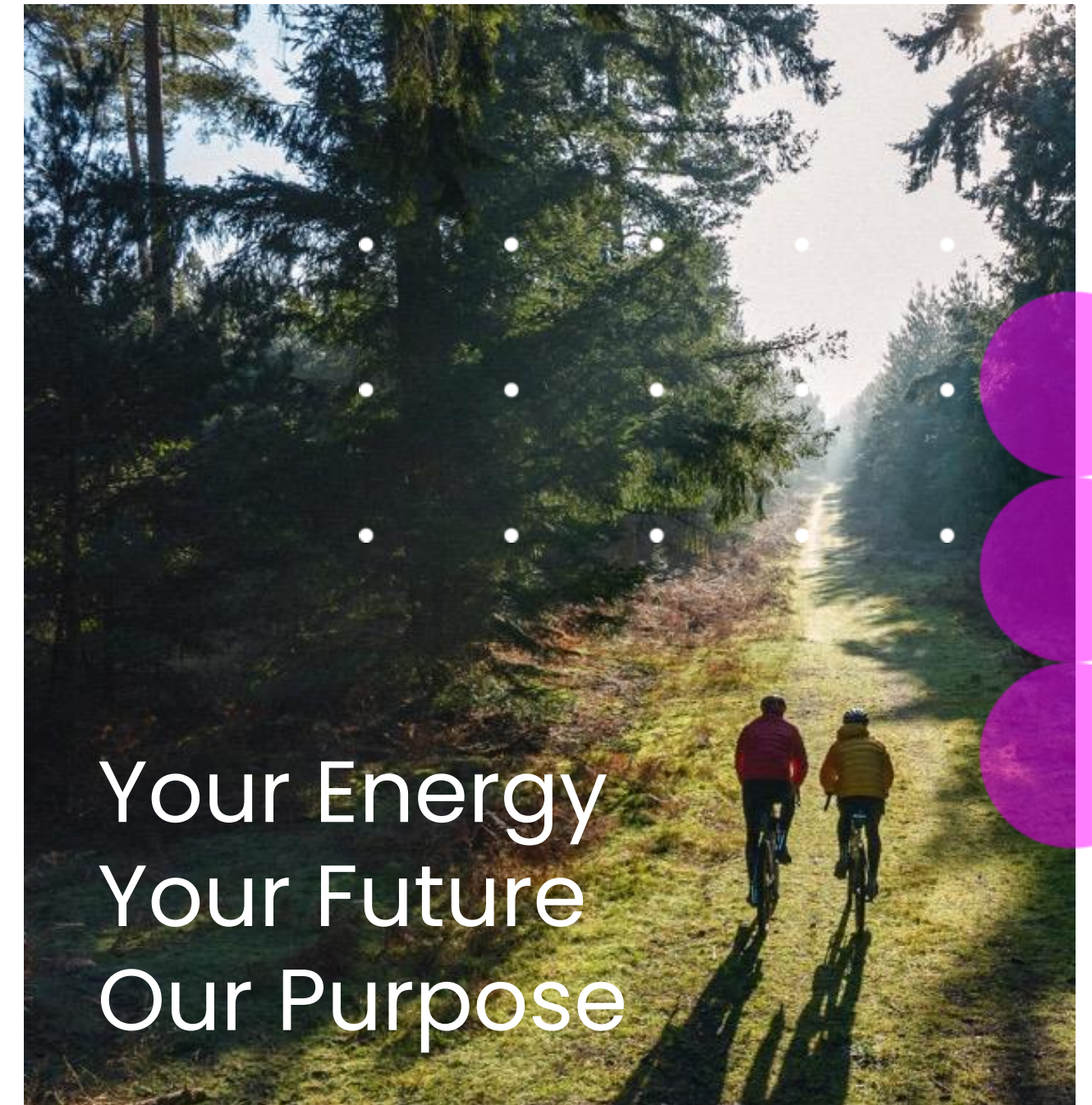
We must work collectively at a **local, regional and national scale** to realise the benefits of the energy transition for Great Britain, and the people who live here.

# 1. National Energy System Operator overview

## Who we are:

The National Energy System Operator, NESO, is an independent, public corporation 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 Purpose, Vision And Values



Our purpose is to forge the path to a sustainable future for everyone.



Our vision is a future where everyone has access to reliable, clean and affordable energy; our work will be a catalyst for change across the global community.

Our values are what define us, setting the foundation for our purpose and guiding us as we move towards achieving our vision.



## Accelerate Progress

We deliver better outcomes at pace when we take accountability, are courageous and progress the bigger picture.



## Be Curious

We achieve more when we demonstrate a growth mindset, being curious, asking questions beyond and within our organisation to develop, learn and innovate.



## Build Trust

We build trust when we listen to and understand the needs of our colleagues and customers, are transparent with our actions and deliver on our commitments.



## Create Belonging

We perform at our best when we can be our true selves, embrace diversity and are truly inclusive.

# Our Governance

NESO is operationally independent of government. We plan the electricity and gas systems and operate the electricity system.

Being independent means we can give impartial recommendations to the government and the regulator.

## Our shareholder



The Department for Energy Security & Net Zero is responsible for national policy and providing strategic direction and targets in relation to UK energy

## Our regulator



Ofgem is the energy regulator for Great Britain

## Independent NESO Board

The NESO Board oversees our strategic direction, ensuring compliance with regulations and mitigation of corporate risks.

The Board ensures that we build strong relationships with customers and it evaluates performance.

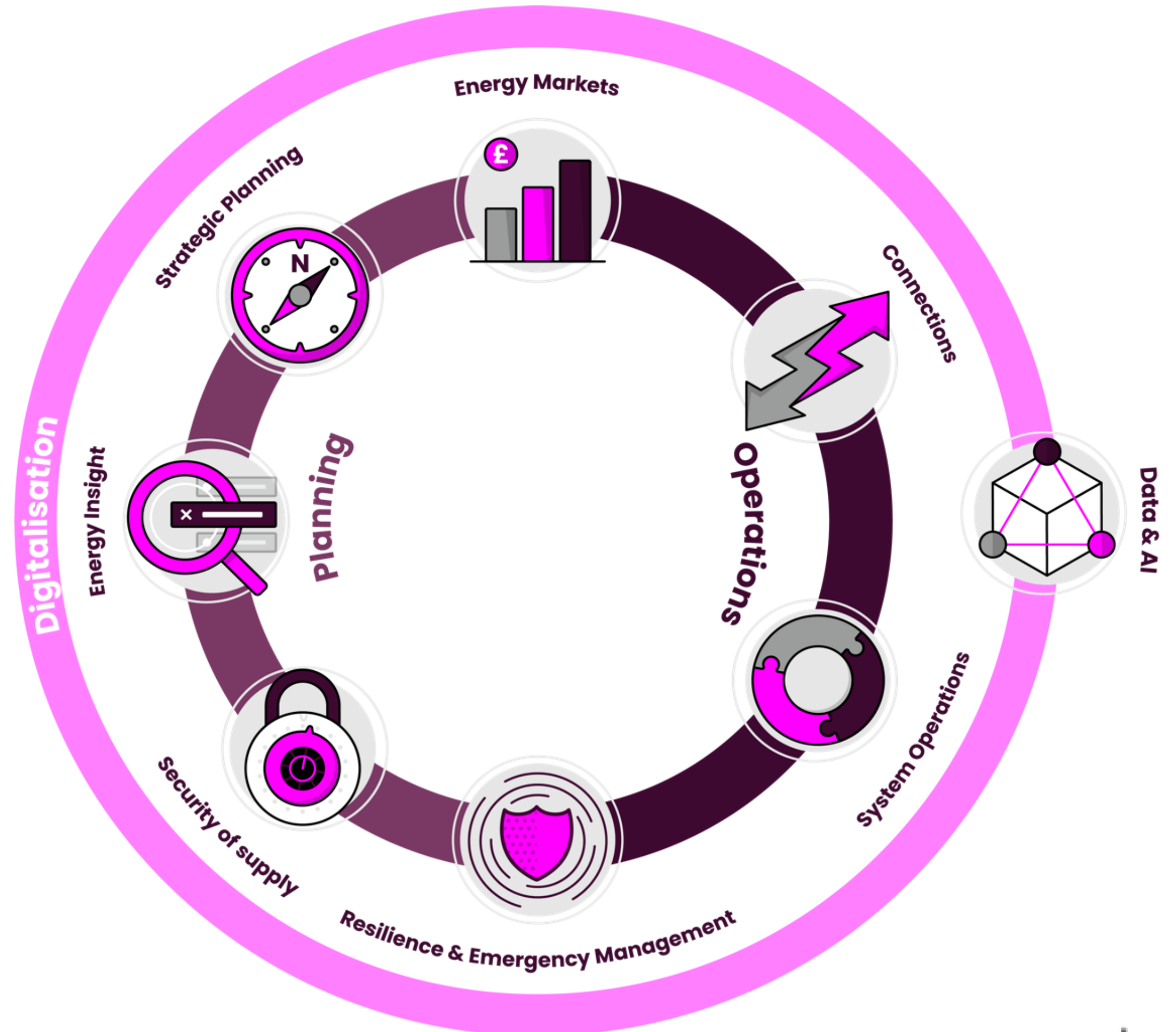


# What we do:

We bring together **eight activities** required to deliver the plans, markets and operations of the energy system of today and the future.

Bringing these activities together in one organisation encourages **holistic thinking** on the most **cost-efficient and sustainable solutions** to the needs of our customers.

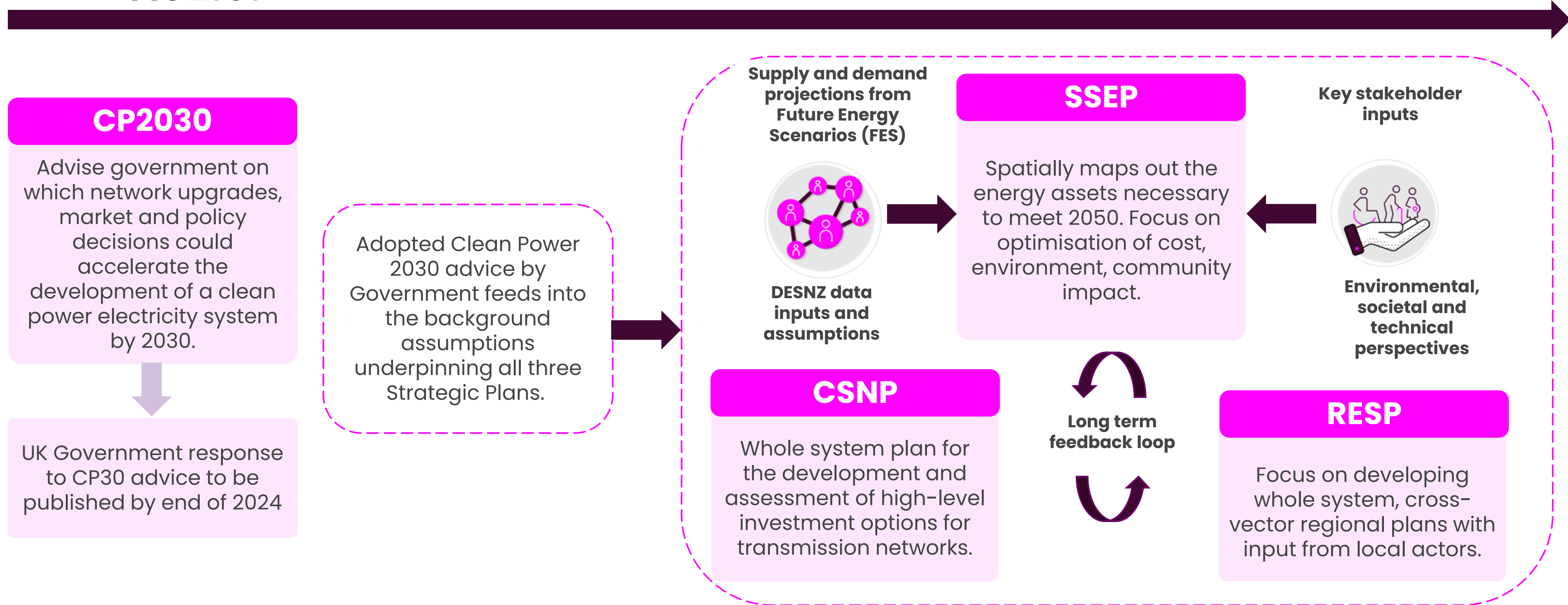
<https://www.neso.energy/what-we-do>



# 2. Strategic Energy Planning (SEP) overview

**Pre 2030**

**Post 2030**



# Strategic Spatial Energy Plan (SSEP) overview

## Accelerate clean, affordable, secure energy through certainty

The SSEP will accelerate and optimise Great Britain's transition to clean, affordable and secure energy by taking a holistic approach and providing greater certainty for key stakeholders.

## Zonal approach, taking account of environment and communities

Splitting Great Britain's energy system into zones to assess the optimal locations for electricity generation and storage of electricity and hydrogen.

Options identified using economic, environmental and technical input, with considerable societal, stakeholder and political engagement planned.

SSEP will not focus on specific projects, leaving the energy market or subsequent processes to determine the specific projects and exact locations.

# CSNP framework

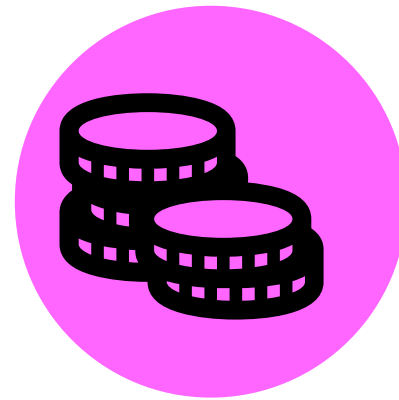
## Our vision

Provide an **independent, coordinated, and longer-term approach to wider network planning** in GB to help meet the government's net zero ambitions

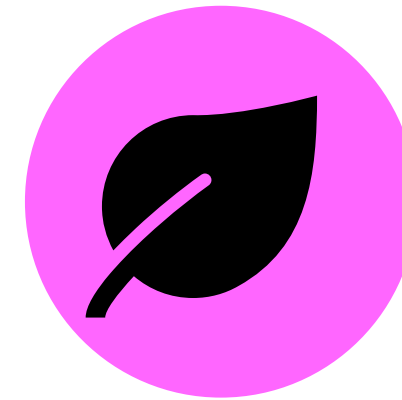
Provides a **network blueprint for the country**, mapping demand and optimal locations for onshore and offshore transmission infrastructure to support a decarbonised energy grid.



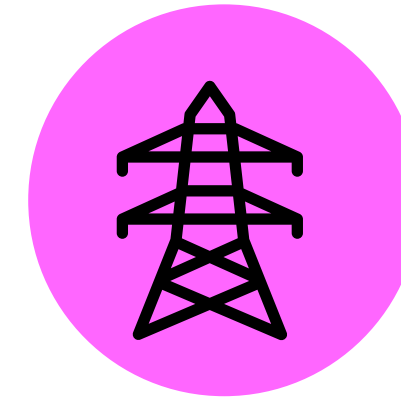
**25-year horizon**, on a three-year cycle



**Co-ordinate reinforcements and anticipate investments** ahead of infrastructure delivery



Balance development against **environment/community impacts** to maximise benefits



Understand transmission infrastructure needed for **onshore/offshore electricity transmission** and **interconnectors**

# Regional Energy Strategic Plans (RESP)

## Why?

To achieve local and national net zero targets we need:

- 1. To accelerate electricity network investment** – enable heat & transport decarbonisation
- 2. Consistency** – same approach for all network companies
- 3. Whole system** – joined-up plan for all aspects of energy system

## Where? (proposed)



## Who? (proposed)

**Ofgem** – defining role

**NESO** – delivering role

**Strategic Boards & Working Groups**

**Local authorities:**

England: CAs, CCs, unitaries

Scotland & Wales: unitaries

**Networks:** DNOs & GDNs

**Other local actors:** relevant to energy system & spatial planning

# Draft RESP Outputs

Ofgem have outlined 3 building blocks that the NESO RESP must deliver. So far, we have identified **6 key outputs** that will enable the NESO RESP Team to deliver credible whole energy regional plans. These outputs will be refined and validated when developing the RESP Methodology.

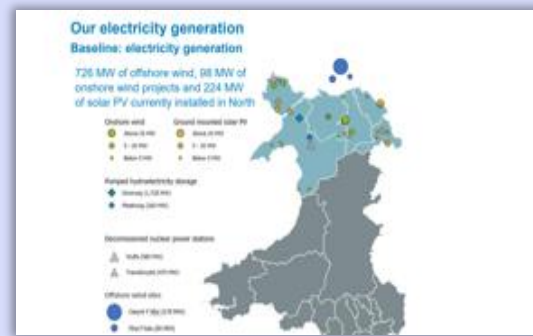
## The Regional Energy Strategic Plans

The RESPs will develop future energy pathways and hotspots where strategic investment need is likely to arise to meet the regional energy visions

**1**

### Regional Energy Vision

RESP will enable distinct Regional Energy Visions, reflecting local needs, to collectively support national objectives

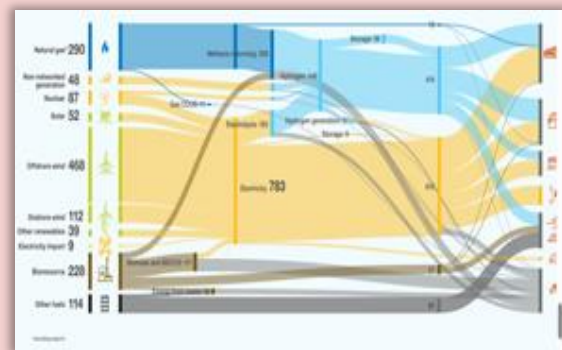


**a**

**2**

### Regional Pathways

RESP will create Regional Pathways built from bottom-up that are coherent with national needs. NESO will also develop consistent planning assumptions



**a b**

**3**

### Spatial System Need

RESP will identify strategic investment needs as well as spatial cross-vector system needs, resulting from the pathways considering network constraints



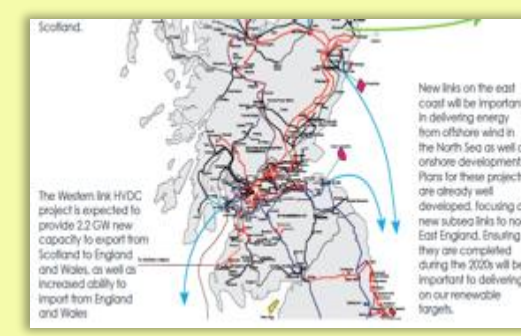
**b**

**4**

## Support for price controls

### Network plan Technical coordination

RESP will assure that regional network investment plans are integrated across vectors, built on consistent assumptions and deliver regional needs at pace, within national constraints



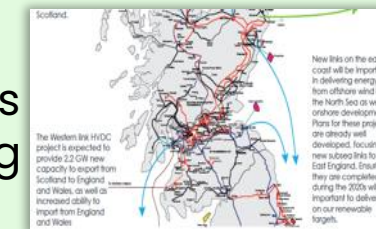
**c**

**5**

### Regional Geospatial Energy Plan

RESP Team will develop geospatial regional plans that provide transparency and visibility to local communities and national stakeholders. The RESP Team will continue to track and monitor the delivery of the RESPs including Strategic Investments.

**b c**



**6**

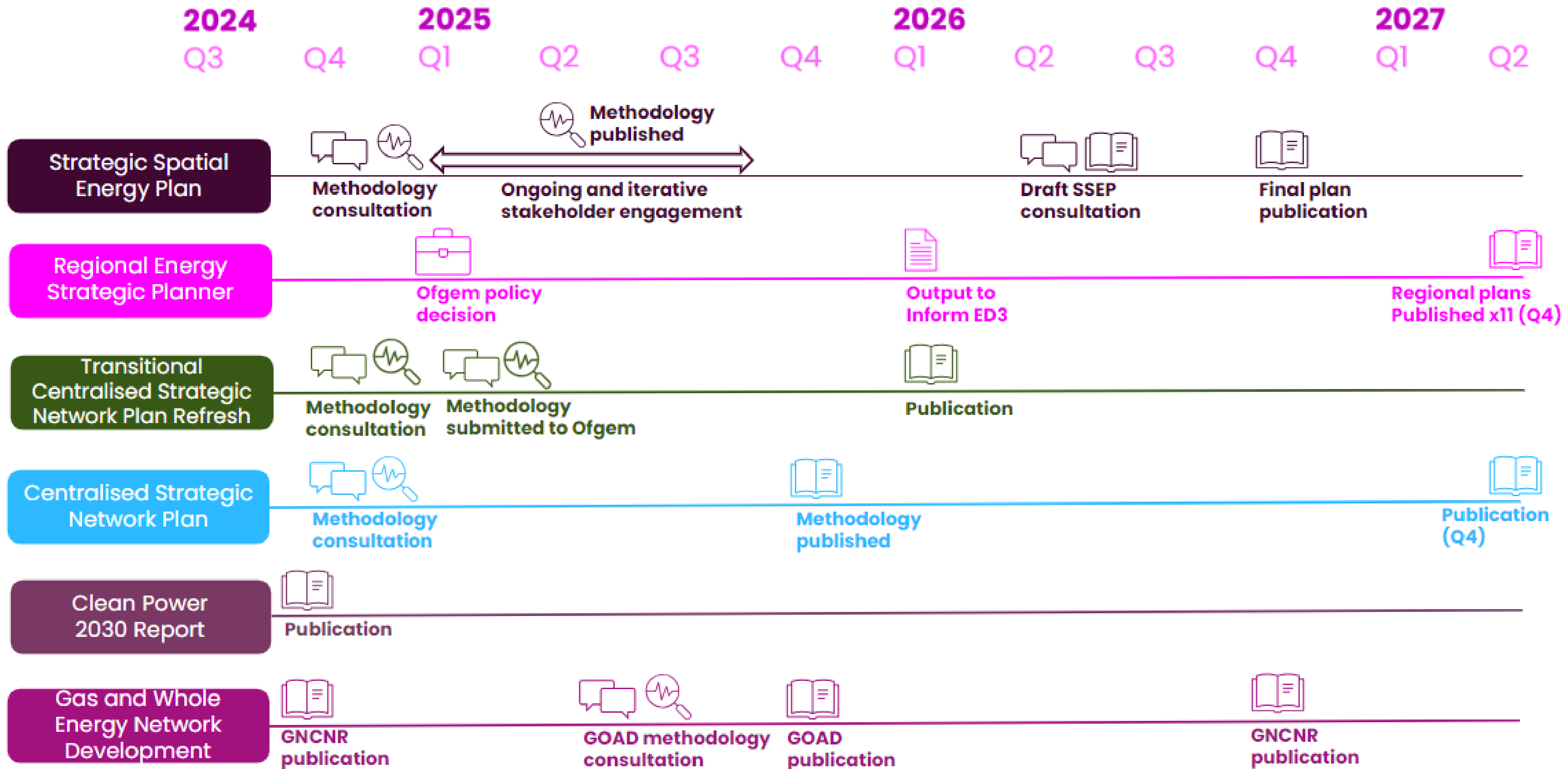
## Societal Impact Assessment

The RESP Team will review the societal impact at a local level of the energy transition (including jobs, transport, industry, environment etc.)



# 3. Next steps - High level milestones\*

\*These are indicative dates and subject to change.



# Thank you

## NESO

<https://www.neso.energy/what-we-do>

## Strategic Energy Planning

<https://www.neso.energy/what-we-do/strategic-planning>

## Contact

[kieran.highman@nationalenergyso.com](mailto:kieran.highman@nationalenergyso.com)



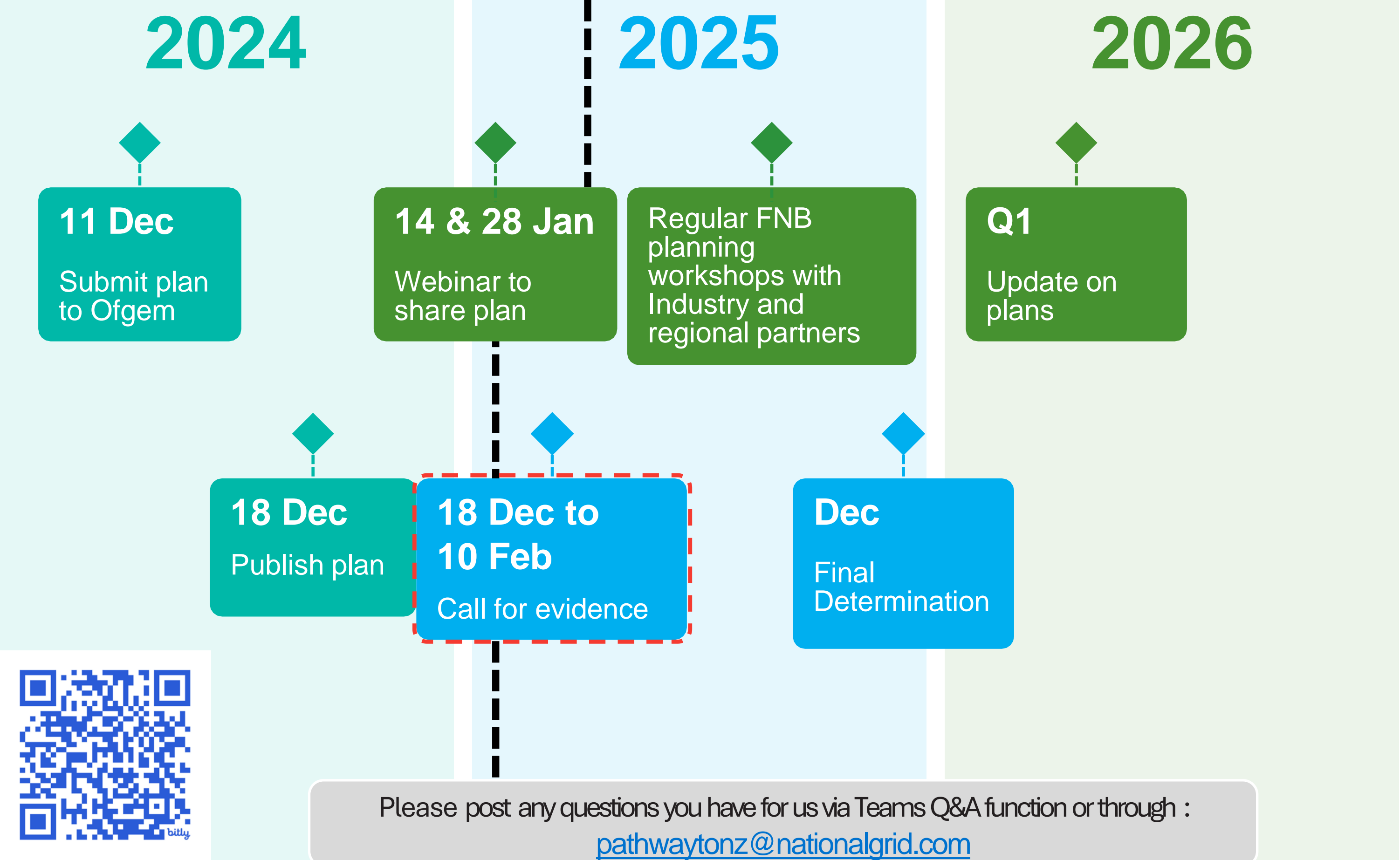
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# Timeline



Please post any questions you have for us via Teams Q&A function or through :  
[pathwaytonz@nationalgrid.com](mailto:pathwaytonz@nationalgrid.com)

# Planning next steps for the South West



**Ofgem's Call for Evidence 18 December to 10 February**

All responses welcomed

Your response will help to inform Ofgem's Final Determinations.

Please send your response to [RIIO3@ofgem.gov.uk](mailto:RIIO3@ofgem.gov.uk)

More information at Ofgem Call for Evidence RIIO-3

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# Q&A

Please post any questions you have  
for us via Teams Q&A function or  
through :

[pathwaytonz@nationalgrid.com](mailto:pathwaytonz@nationalgrid.com)



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We welcome your feedback on what you have heard today, our FNB process and how we can work better together ?

Please get in touch via [pathwaytonz@nationalgrid.com](mailto:pathwaytonz@nationalgrid.com)



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# Appendix



# Our approach to local engagement

**We consult and work with local residents, their representatives and statutory stakeholders through all stages of the planning and construction process.**

Our approach is underpinned by the 5Cs:

- **Communities** play a vital role and should see the benefits from hosting new infrastructure.
- We undertake the highest standards of **consultation**.
- We identify and **collaborate** with partners to deliver tangible community benefits.
- Our communications **campaigns** will clearly explain the need for a reliable decarbonised grid, and greater energy security for Britain.
- Our **colleagues** are experts in the energy sector, land, planning and the environment.

# How we engage with local communities

**We consult and work with local residents and their representatives through all stages of the planning and construction process.**

- Consultation and information events
- Stakeholder briefings
- Public webinars
- Community newsletters
- Dedicated e-mail and phone services
- Project websites





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