

Public

NESO Regional Energy Strategic Planning (RESP) Forum

October 2025

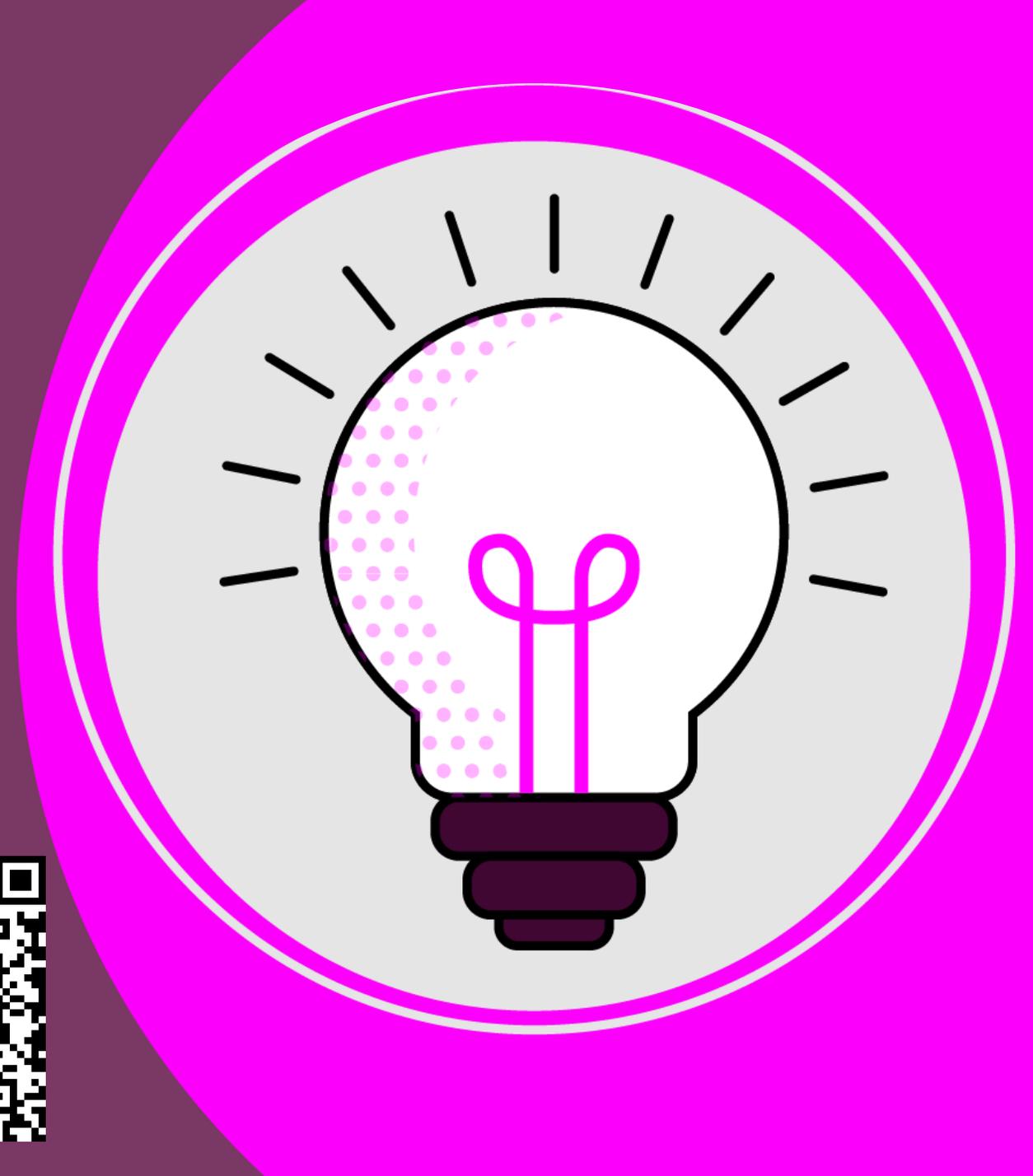
Housekeeping



Transparency Statement

- Attendee lists will not be shared externally
- All questions, comments and reactions through the Q&A tool will be treated as anonymous unless you choose to share your details
- We will share the slides and a write-up following the Forum. The write-up will cover all 11 RESP Forums

Our Transparency Statement for tRESP related projects can be found here:



Agenda

1. Welcome and Introduction
 - Purpose
 - Housekeeping
 - Summary of Forum 2
2. Progress Updates since last Forum
3. Transitional RESP (tRESP) Consultation
 - Nations and Regions Contexts
 - Strategic Investment Need (SI Need)
4. Full RESP
 - Roadmap
 - Methodology
5. Strategic Spatial Energy Planning (SSEP) Update
6. Next Steps
7. Poll and Q&A

Summary of the Second Forum

The second RESP Forums took place between June – July 2025:

Content covered:

1. tRESP update:
 - Regional Context
 - Strategic Investment
 - Pathways and Consistent Planning Assumptions (CPAs)
2. Updates on wider RESP activity

767

Attendees in total

392

Attendees interacted through Q&A and polls

72%

Attendees found content relevant



Forum write up and FAQs available online here:



2. Progress updates since last Forum

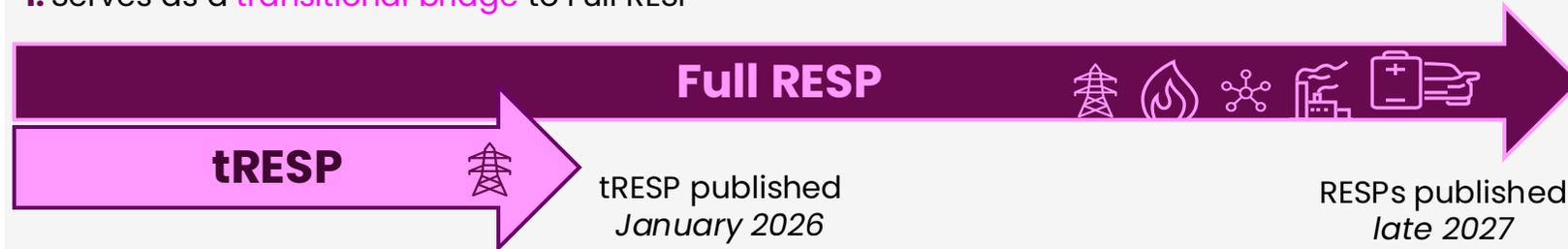
3. Transitional RESP (tRESP) Consultation

Transitional RESP (tRESP)

We're taking a collaborative approach to the development of tRESP. We've been sharing our work and inviting and taking on board comments since March 2025.

What is tRESP?

1. Serves as a **transitional bridge** to Full RESP



2. Focused on strategic direction of **electricity DNO (Distribution Network Operator) business plans**
3. A request from **Ofgem**
4. Intended to drive **consistency and ambition**

Why now?

1. **Urgent change**: Energy sector transformation and CP30 (CP30: Clean Power 2030 Action Plan) demand immediate action
2. **Unlocking value sooner**: Full RESP won't be ready until 2027
3. **DNO business planning dates are fixed**: Next DNO regulatory period is fixed (2028-2033) and input is needed for business plans in 2026
4. **Early stakeholder engagement to integrate national and regional needs** within energy planning



The 4 tRESP components

- ✓ Drive Consistency
- ✓ Being Pragmatic
- ✓ Drive Value
- ✓ Greater Confidence



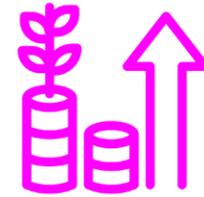
**Nations and Regions
Contexts**



Pathways



**Consistent Planning
Assumptions (CPA)**



**Strategic Investment (SI)
Need**

Consultation scope

Consultation runs for six weeks:

23 September to 3 November

Please send all tRESP queries to:

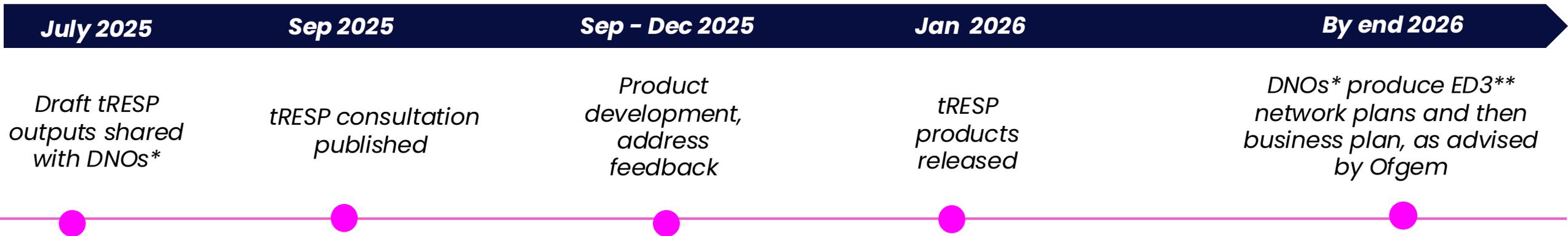
box.consultations.resp@neso.energy

All consultation responses must only be submitted via the form, see link in consultation document.

tRESP Consultation link:



The timeline for tRESP:



tRESP and Full RESP

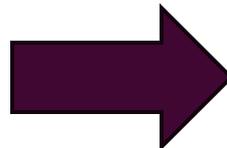
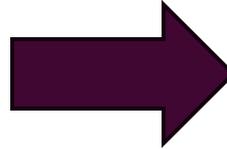
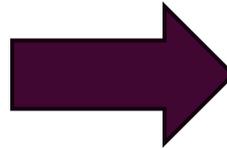
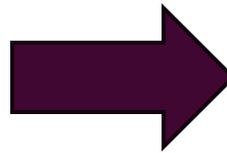
tRESP

An initial view of nations and regions, and the conditions and priorities capturing key drivers relevant to ED3, leveraging public data sets

Modelled short-term and long-term pathways for each RESP nation and region to a GSP level and the electricity networks

Pathways used by DNOs alongside Consistent Planning Assumptions (CPAs) and their own data to calculate headroom for ED3

Identification of key energy needs that require investment in the electricity distribution networks



Full RESP

Broader and deeper view of nations and regions contexts, leveraging additional local data sets provided by local actors

Spatially modelled multi-vector pathways supply and demand down to a LSOA and data zone granularity

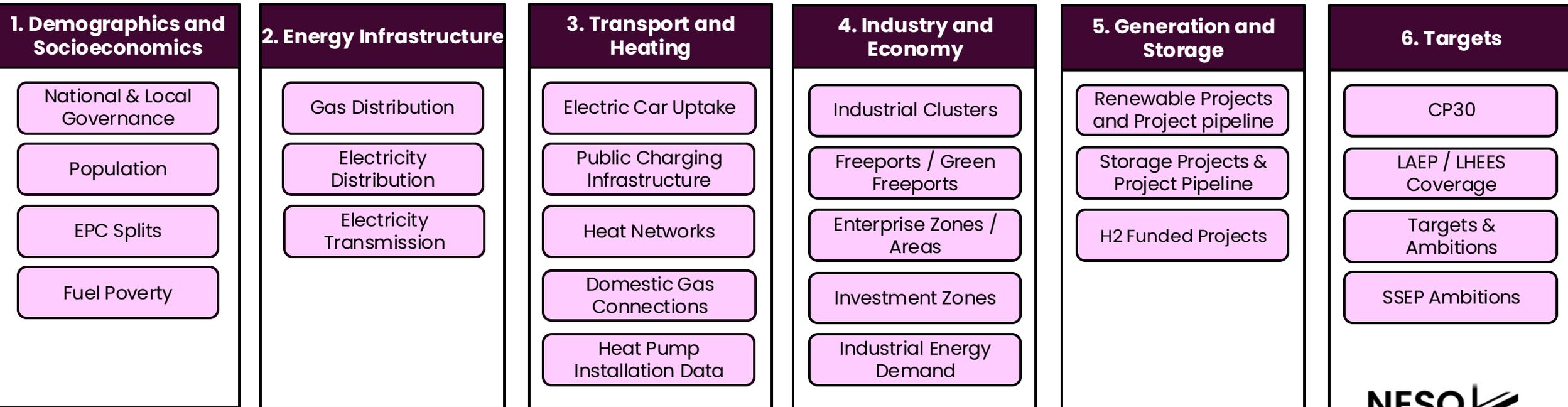
CPAs aligned to greater level of granularity across the whole system

Identification of areas of investment need which are of high economic and/or system value, aligned to regional priorities

3.1 Transitional RESP (tRESP) – Nations and Regions Contexts

Transitional RESP (tRESP) – Nations and Regions Contexts

- The Nations and Regions Contexts map and reflect an initial view of each nation and region conditions and priorities, highlighting key challenges and opportunities.
- The Contexts are presented across six themes, with a number of data topics included in each.
- The output presented in the tRESP consultation is a prototype storymap showing a range of graphical visualisations and maps, accompanied with supporting narratives.

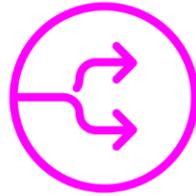


3.2 Transitional RESP (tRESP) – Strategic Investment Need

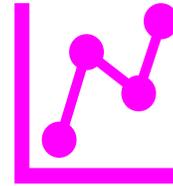
Transitional RESP (tRESP) Strategic Investment Need



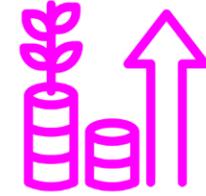
Nations and Regions Contexts



Pathways



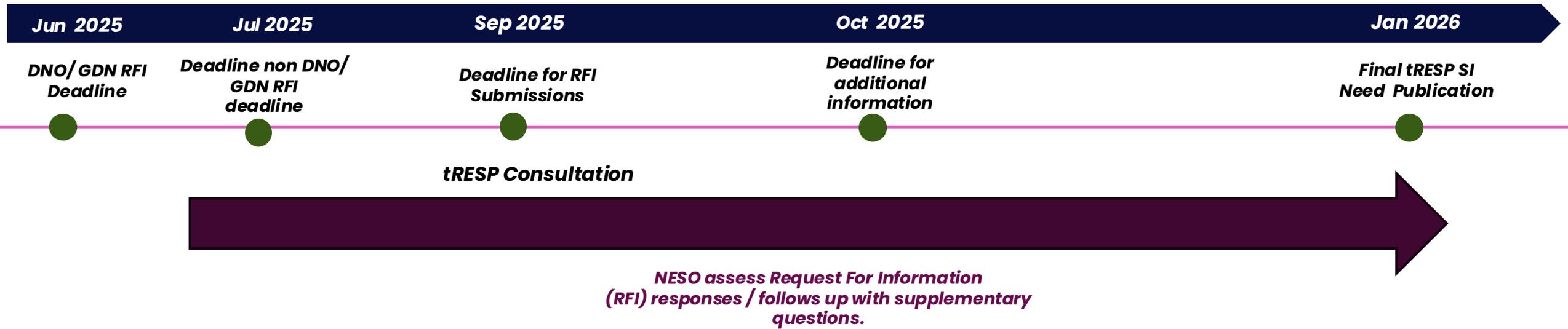
Consistent Planning Assumptions (CPA)



Strategic Investment (SI)

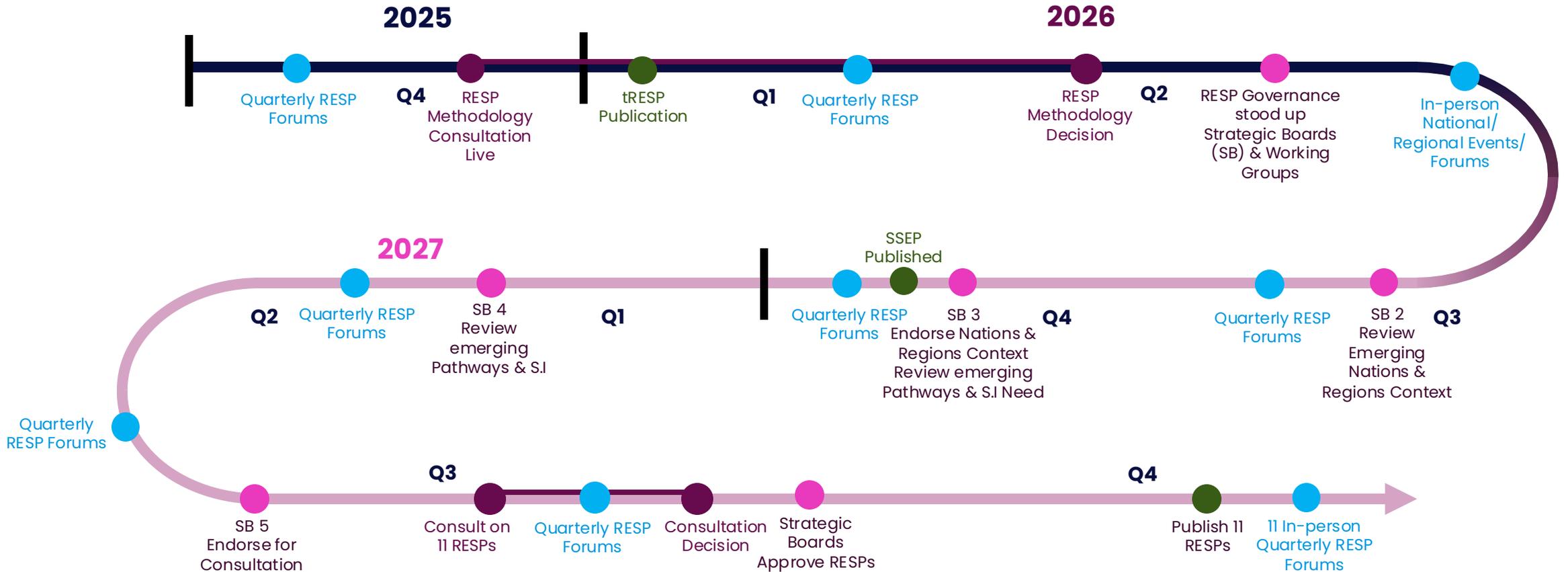
By strategic investment need, we are referring to investment into the network that is in **advance of certain need** which has both a **high system value** (across social, economic and environmental factors) and is **necessary to the delivery of key regional priorities**.

Where we are in tRESP Strategic Investment Need



4.1 RESP Roadmap

RESP Roadmap



Key:

- Strategic Energy Planning publications
- Quarterly Forums
- RESP Governance
- RESP Consultations

4.2 RESP Methodology

Full RESP Methodology Consultation

The whole system Full RESP Methodology sets out how we will undertake independent, long-term national and regional energy network planning to support the delivery of a safe, secure, resilient and clean energy system.

It provides a structured, transparent framework for identifying strategic investment needs, aligning national and regional ambitions, and enabling consistent planning across different energy types, for all 11 RESP nations and regions

**Consultation runs between:
17 November 2025 to 16 January 2026**

Methodology Consultation

We are seeking feedback on four components which we will deliver across both our Local Actor Support and Digital offerings, these will be published as part of the RESP:

- National, Regional and Spatial context
- Pathways and Consistent Planning Assumptions
- Strategic Investment Needs
- Spatial Network Needs

Aims of RESP



RESP will deliver Regional Strategic Plans that are independent of bias, and are coherent with net zero objectives across Great Britain.



Plan strategically, ahead of need, to enable investments required to ensure reliable, clean and affordable energy



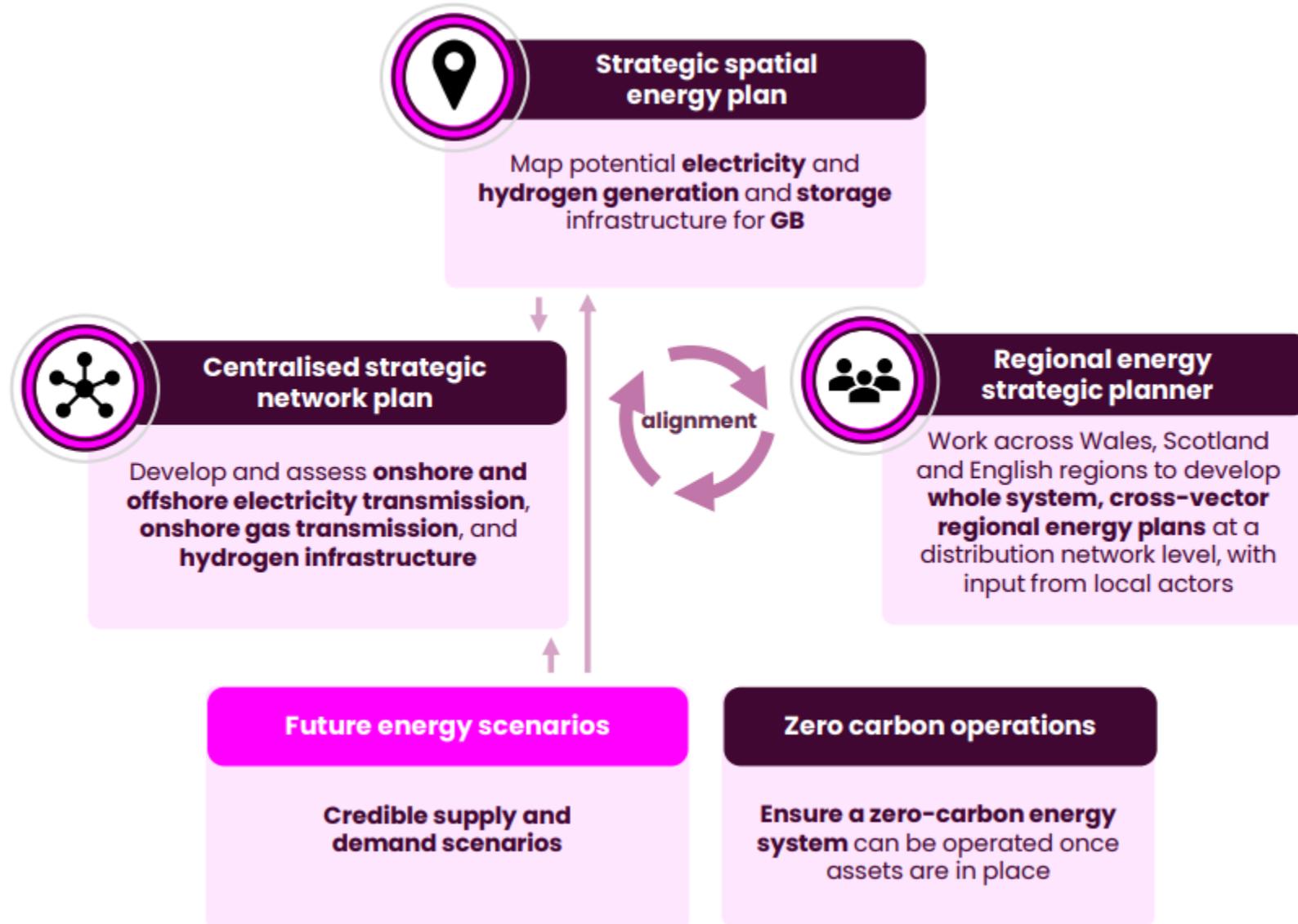
RESP will provide increased certainty and transparency in planned investments in networks and new infrastructure to enable progress at pace



RESP will drive alignment and collaboration between local authorities and stakeholders in each nation and region to achieve national and regional objectives.

5. Strategic Spatial Energy Plan (SSEP) Update

Strategic Energy Planning (SEP)

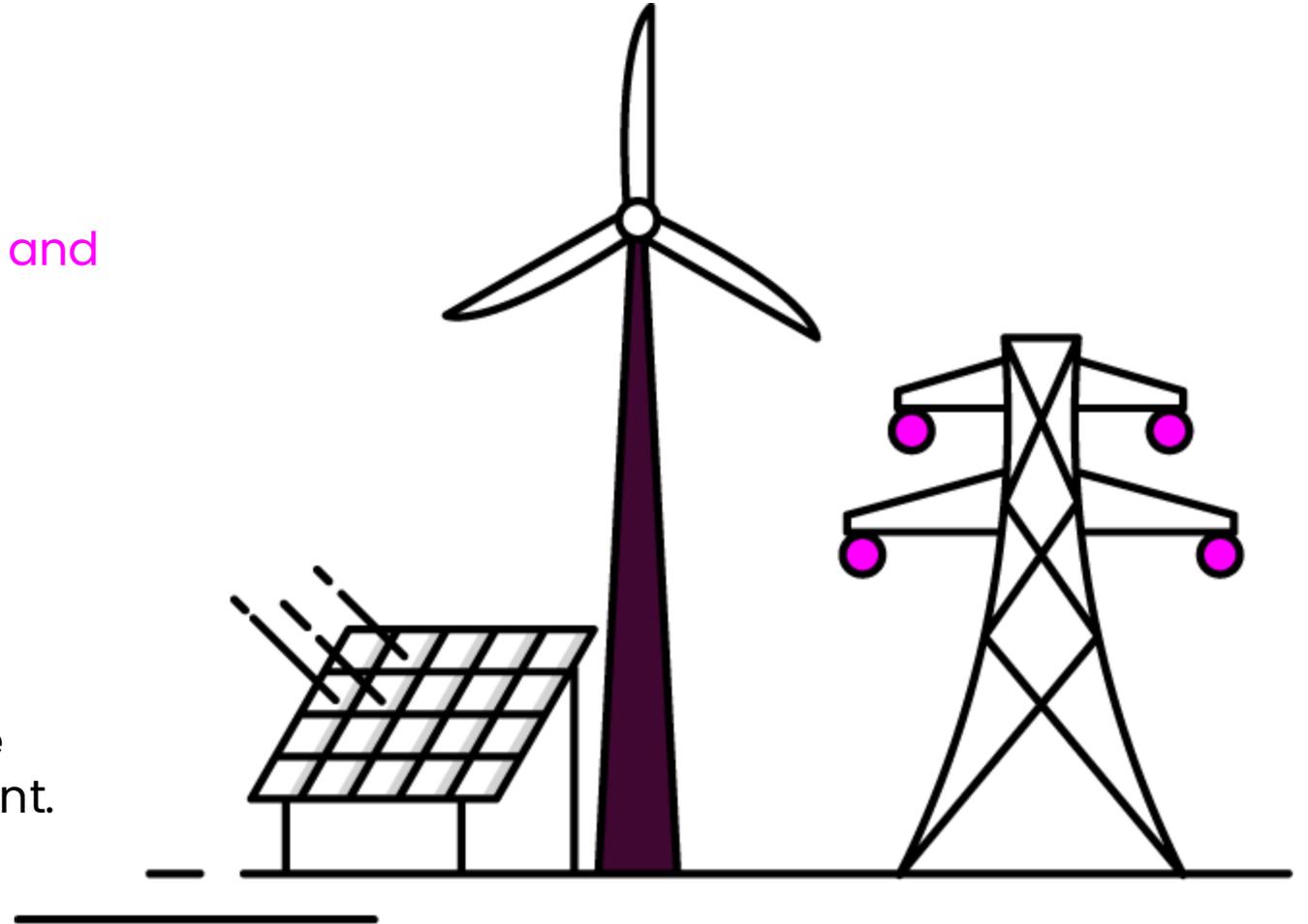


Strategic Spatial Energy Plan (SSEP)

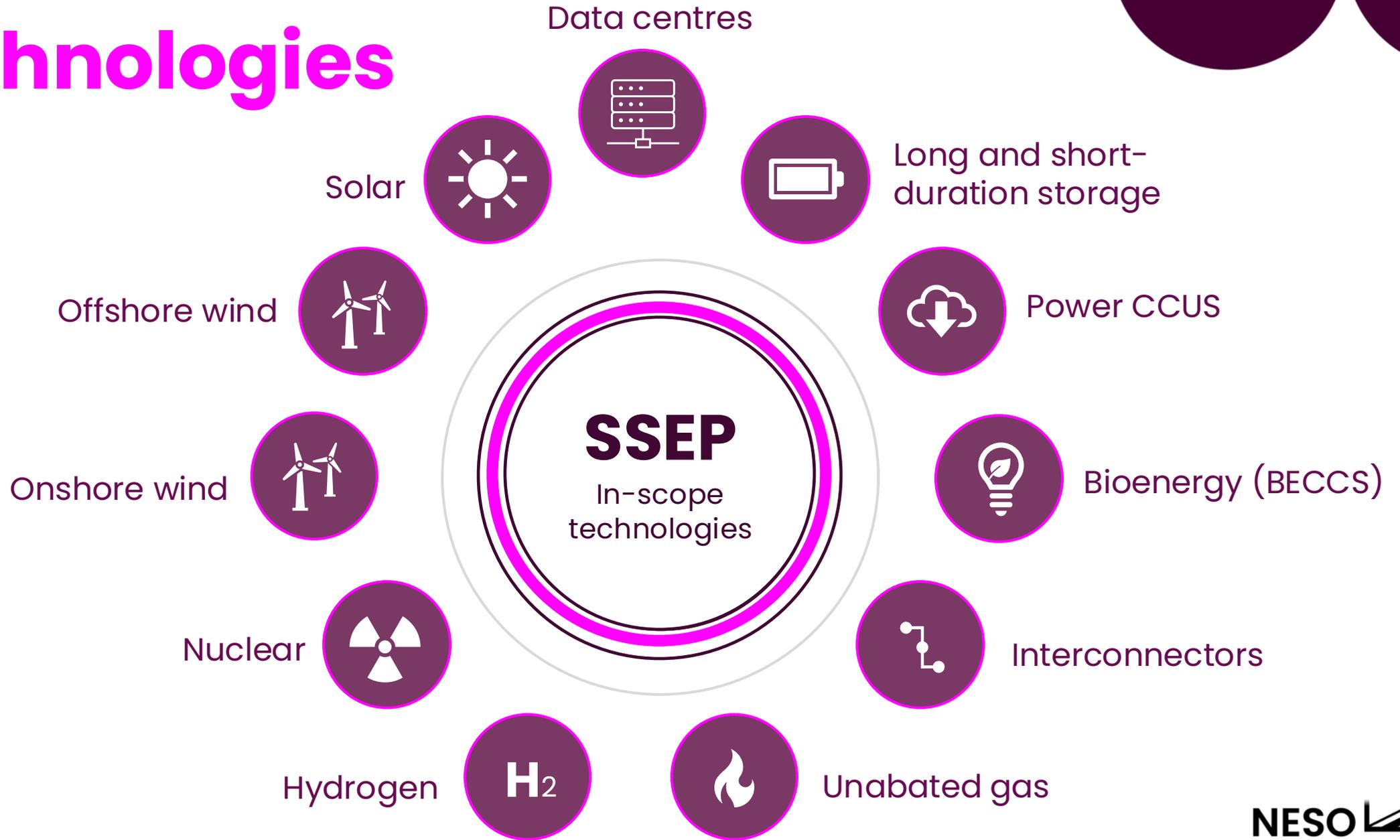
The SSEP will accelerate **clean, affordable and secure energy** through greater certainty.

The plan will assess the **best locations for generation and storage of electricity and hydrogen** on a zonal basis.

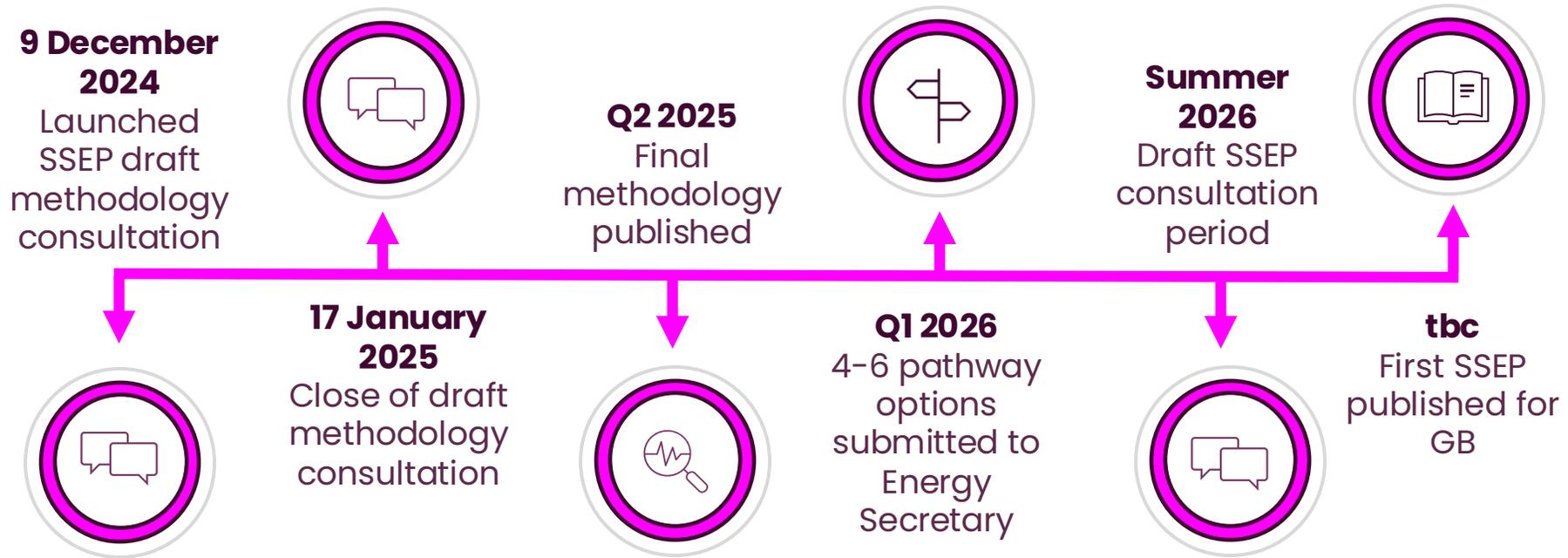
This will provide **a government and Ofgem-endorsed plan** that firmly sets the context for the nation's energy requirement.



Technologies



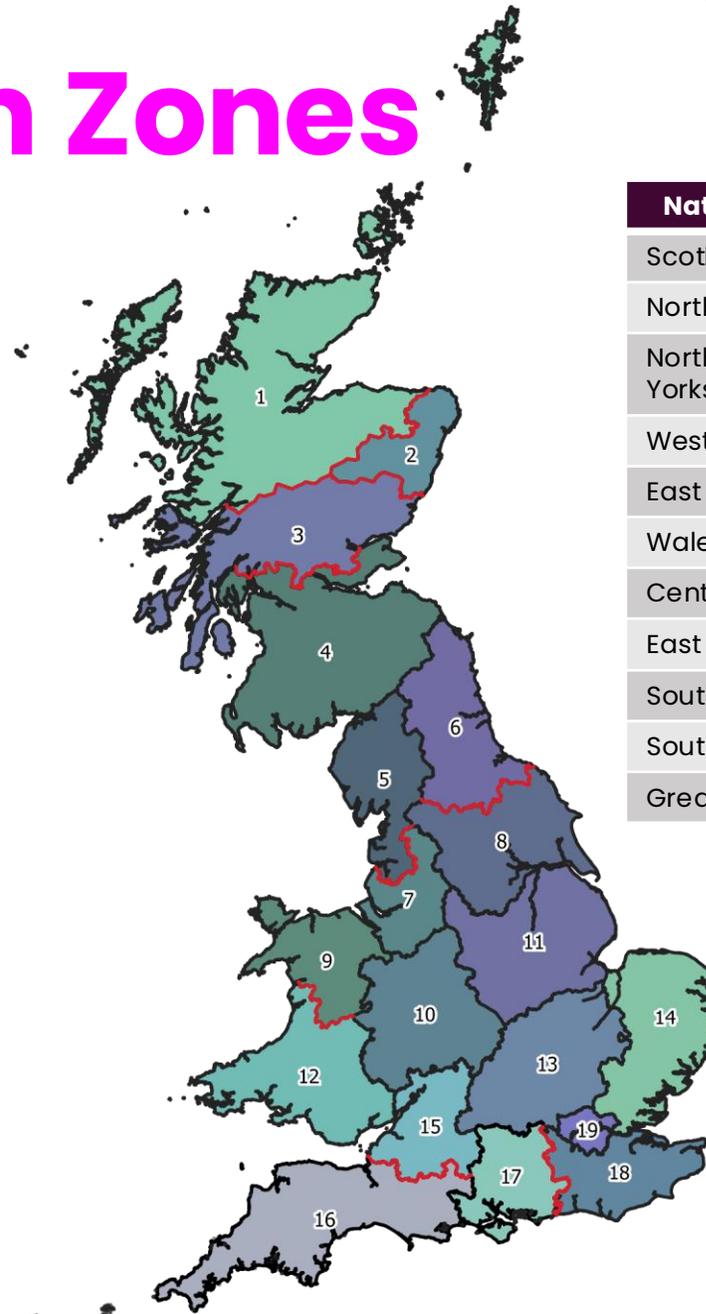
SSEP key dates and milestones



Onshore Publication Zones

The SSEP will be split into 19 zones for publication

This takes a balanced view of the planning principles and energy system principles

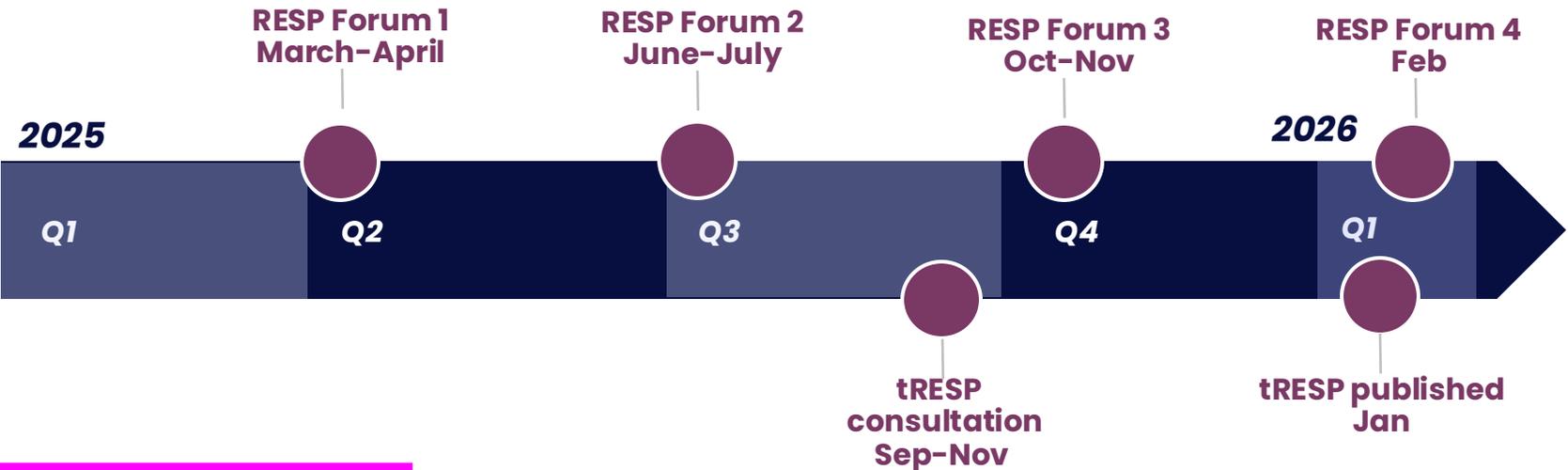


Nations/Regions	SSEP Zones
Scotland	1, 2, 3 and 4
North West	5 and 7
North East, Yorkshire & Humber	6 and 8
West Midlands	10
East Midlands	11
Wales	9 and 12
Central England	13
East	14
South West	15 and 16
South East	17 and 18
Greater London	19

6. Next Steps

How to get involved

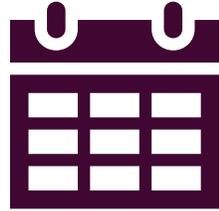
Transitional RESP



Full RESP



Further information on RESP



Look out for future Forum dates
neso.energy/news-and-events/calendar



Newsletter sign up
neso.energy/news-and-events



RESP web pages
neso.energy/what-we-do/strategic-planning/regional-energy-strategic-planning-resp



Contact the RESP team
box.resp@neso.energy

Next Forum Update

Nation / Region	Date	Time
North West	3rd February	13:00–14:30
South East	5th February	10:00–11:30
London	5th February	14:00–15:30
North East, Yorkshire & the Humber	9th February	14:00–15:30
South West	10th February	14:00–15:30
Wales	10th February	10:00–11:30
East of England	11th February	11:00–12:30
West Midlands	11th February	13:30–15:00
East Midlands	12th February	13:00–15:00
Central England	12th February	14:00–15:30
Scotland	12th February	11:00–12:30



Forum 4 Agenda

(subject to change)

- Updates on wider RESP activities
- Final tRESP
- RESP Methodology Update
- SSEP Update
- Next Steps

Q&A and Poll

Thank you

Contact:

box.RESP@neso.energy

box.consultations.resp@neso.energy



Glossary

- **RESP – Regional Energy Strategic Planning:** NESO is responsible for producing national/ regional plans for England, Scotland and Wales, to help ensure local areas get the energy infrastructure they need.
- **DNOs – Distribution Network Operators:** Local electricity Distribution operators.
- **tRESP – Transitional Regional Energy Strategic Planning:** Transitional Regional Energy Strategic Plan has been designed as a bridge between the current approach to energy distribution network planning and the Full RESP approach.
- **ED3 – Electricity Distribution Price Control 3.**
- **SI Need – Strategic Investment Need.**
- **CPAs – Pathways and Consistent Planning Assumptions.** The different routes to achieving our plans and objectives.
- **Methodology –** The RESP Methodology will set out how RESPs will be produced and what they will contain.
- **SEP – Strategic Energy Planning:** NESO is responsible for strategic planning and coordination of GB’s energy network, on both a national and local level, to support the energy needs of the nations, communities and consumers.
- **SSEP – Strategic Spatial Energy Planning:** SSEP is assessing the locations, quantities and types of energy infrastructure required for future energy demand by creating a GB-wide map and plan.