



ESO Technology Advisory Council

TAC-16
6th September 2024
Meeting pack

TAC-16 agenda – 6th September 2024

| Item | Start | Finish | Time | Item | Presenter | Notes |
|------|-------|--------|------|--|-------------------------------|-----------------------------------|
| 1 | 09:00 | 9:30 | 30 | Breakfast / Arrival | | |
| 2 | 9:30 | 09:40 | 10 | Welcome & Apologies | Eric Brown | |
| 3 | 09:40 | 09:45 | 5 | Minutes of last meeting and matters arising | Eric Brown | |
| 4 | 09:45 | 09:55 | 10 | Feedback from the last meeting | Cameron Shade | |
| 5 | 09:55 | 10:25 | 30 | Flexibility | Yingyi Wang / Damien Kelly | |
| 6 | 10:25 | 10:50 | 25 | Strategic Energy Planning | Darren Holyoake | |
| | 10:50 | 11:05 | 15 | BREAK | | |
| 7 | 11:05 | 11:30 | 25 | FSO Day 1 to Day 2 | Brian Nixon | |
| 8 | 11:30 | 11:55 | 25 | Data sharing infrastructure | Simon Evans | |
| 9 | 11:55 | 12:10 | 15 | Open Balancing Platform update | Brendan Lyons | |
| 10 | 12:10 | 12:20 | 10 | Subgroups update | Cameron Shade | |
| 11 | 12:20 | 12:25 | 5 | Next meeting | Eric Brown | Next meeting: Friday 6th Dec 2024 |
| 12 | 12:25 | 12:30 | 5 | AOB | | |



Welcome and apologies

Item 2

Eric Brown



Minutes of last meeting and matters arising

Item 3

Eric Brown

Minutes of last meeting and matters arising

- Minutes of TAC-15 have been published on the ESO website.
- The material from the meeting has also been published.
- This section will be used to discuss any matters arising.

Actions

| ID | Action Description | Owner |
|-----|--|--------------|
| A02 | Investigate whether teams can be used as an offline communication method with TAC members. | JS |
| A03 | Organise September meeting in person | CS |
| A06 | Work with SP and FD to organise a session with another sector | Chair |
| A08 | Send out vote for September location | CS |
| A09 | Ask for OBP topics TAC would be interested in seeing in the future | CS |
| A11 | Draft 2 pages on what the ESO would like to discuss with Telecoms director | SR / JS / CS |



Feedback from the last meeting

Item 4

Cameron Shade

Feedback from the last meeting

The topics discussed at the last meeting were:

- Connections
- Energy Data Domains
- Data Sharing Infrastructure - Pilot
- Open Balancing Platform

Open Balancing Platform

- Presentation on batteries and small BMU instructions since go live in December
- Discussion on how OBP handles constraints, clarity was given on the current state and the future iterations.

Connections

- TAC asked if works to improve capacity could be prioritised currently.
- TAC highlighted a future problem where once prioritisation in place everyone will create large justifications why theirs is most important.
- TAC offered support removing blockers to this.

Action Taken Since

- Connections 360 beta testing began 16th August.

Energy Data Domains

- TAC commented this was great to see and advised to not create standards before consulting the data providers.
- TAC warned users could confuse measured data with modelled, forecast or estimated data.
- TAC questioned where spacial, environmental and supply chain data would be.

Action Taken Since

- Adhering to existing standards but ensuring if new standards are required to seek input from stakeholders in their creation.
- Ensuring metadata clearly describes the data and source properties.
- Added a Geospatial Data Domain, with a subdomain Reference Data.

Data Sharing Infrastructure - Pilot

- TAC asked whether existing data sharing use cases would pull into this in the long term.
- TAC suggested a lot of data sharing is already planned and asking to redesign will be difficult.
- Clarity was given on embedding containers is an option to support those without capability to build.

Action Taken Since

- New and existing cases will be considered as part of the programme
- Industry stakeholders will be engaged with during the pilot / MVP to understand their needs and align.
- This will be tested during the pilot phase.

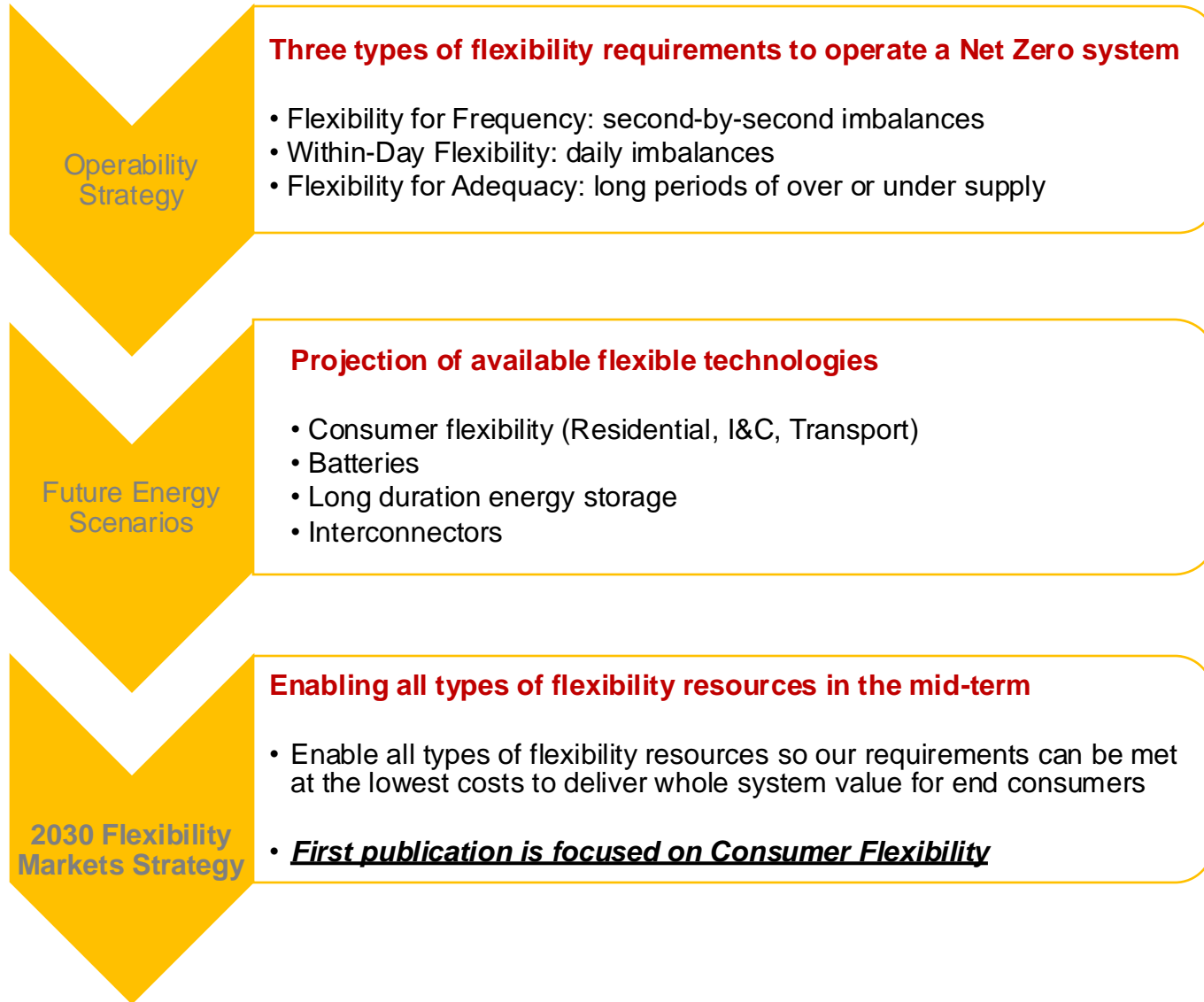


Flexibility Markets Strategy

Item 5

Yingyi Wang / Zohreh Mohammadi / Damien Kelly

Context



What will we cover in today's session

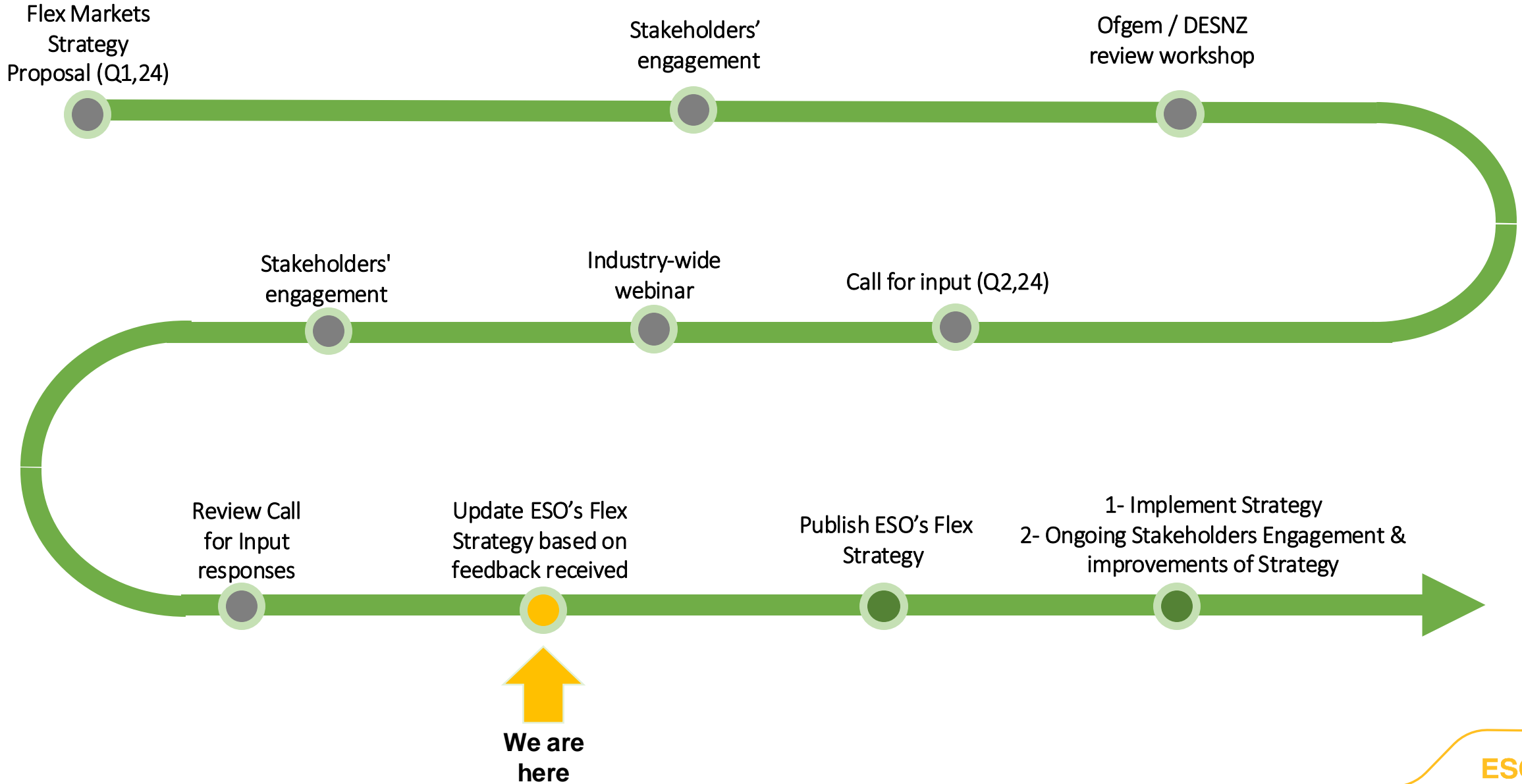
- 2030 Flexibility Markets Strategy
- Technical elements contributing to success of 2030 strategy
- Routes to Market Review

Key questions we would like to hear your feedback

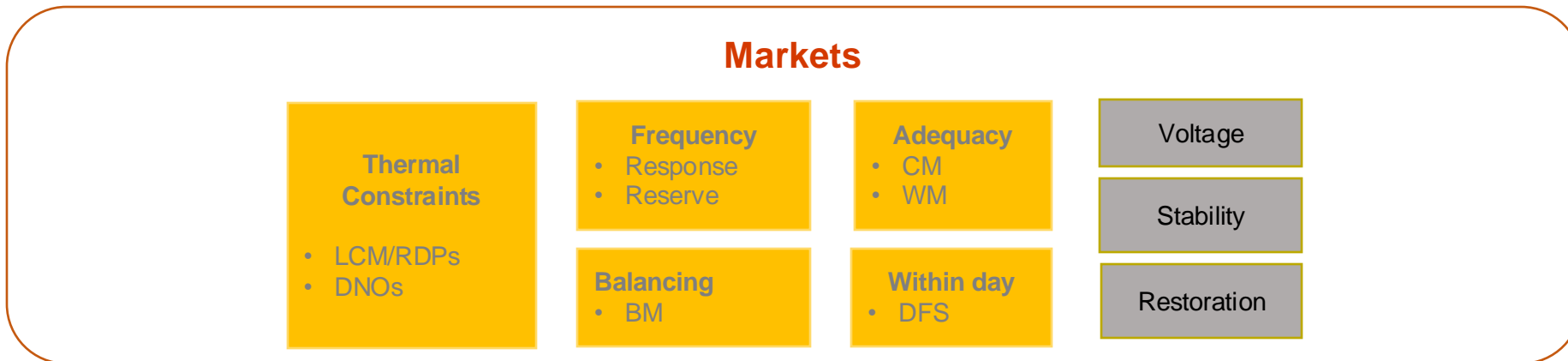
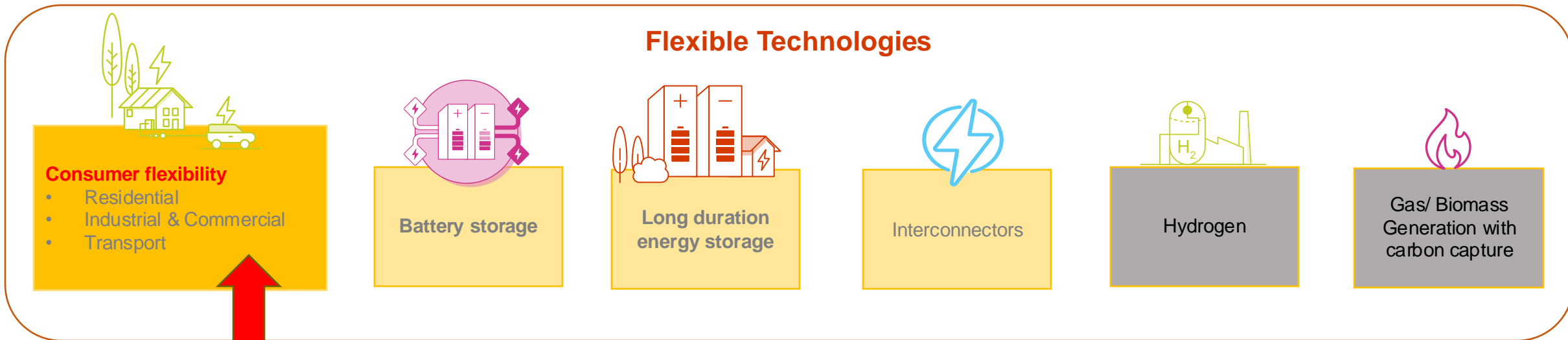
- How can we accelerate market participation from smaller-scale assets practically through digital and data

Summary of Progress To Date & Next Steps

Publicly Available



Scope of 2030 Flexibility Markets Strategy



Feedback received in the Call for Input:

Extend the scope to cover more technology types

2030 Flexibility Markets Strategy Map

Publicly Available



Vision

Enabling flexibility resources to move seamlessly between markets, driven by effective market signals, delivering whole electricity system value to consumers



2030 Outcomes

What must we achieve?

Fit for the future, **coherent** market arrangements

A level playing field and inclusive markets to maximise **competition** between all types of flexible resources

Coordinated flexibility markets across Great Britain



Enablers

Digitalisation

Capabilities

Policy

Connection



Principles

Which is our approach while designing the strategy?

Deliver in partnership

Consumer value driven

Digital first mindset

Transparent at every stage

Technology inclusive

Be flexible and adaptable

Encourage innovation and creativity



Workstreams

Which are the actions that will help us achieve these outcomes?

5-Year strategy development

Barriers & pain points identification & removal

Transform GB Digital Infrastructure to enable flexibility

Standardisation & coordination across all GB flexibility markets

Paving the way for future market arrangements

Call for Input: What are the technical gaps to enable consumer flexibility?

| | Data | Platform Coordination | Hardware | Capabilities |
|---------------------|--|--|--|---|
| CFI Feedbacks | <p>Grid operators need data to operate consumers flexibility</p> <ul style="list-style-type: none"> • quality data • Standardised data • data infrastructure to share data • Governance | <ul style="list-style-type: none"> • Flex providers have to use different platforms to add the same data for ESO/DNOs | <ul style="list-style-type: none"> • Appliance must be capable of providing the required data • EVs must be capable of V2G | <ul style="list-style-type: none"> • Automate Dispatch and transparency is needed to dispatch large number of small consumer flexibility |
| How it is addressed | <p>DER visibility project</p> <ul style="list-style-type: none"> • required data • standardisation of data • Organizational, policies, technology changes <p>Data Sharing Infrastructure (DSI)</p> <ul style="list-style-type: none"> • Sharing infrastructure • Governance | <p>ESO Services</p> <ul style="list-style-type: none"> • SMP as single point of registration for balancing services and BM • DEP as single account management platform <p>ESO/DNOs</p> <ul style="list-style-type: none"> • Ofgem's flexibility digital infrastructure as single point of asset registration • Standardization and data sharing through Open Networks/MF <ul style="list-style-type: none"> • Market design • Operational • Stackability | <ul style="list-style-type: none"> • Not under direct control of ESO • Smart and Secure Electricity System Plan(DES NZ) | <ul style="list-style-type: none"> • Enhanced dispatch automation and transparency as part of the future of the balancing programme |

Discussion: Are the listed initiatives addressing the concerns?

Background to Routes to Market Review for Consumer Flexibility

Routes to market review objective

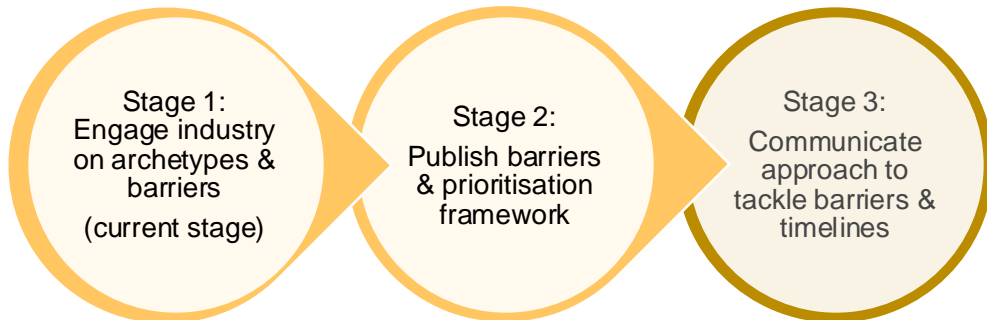
The ESO flexibility market strategy aims to support the evolution of consumer flexibility by focusing on unlocking routes to market for flexibility service providers, helping to incubate and encourage the emerging supply chain for consumer flexibility.

This routes to market review for consumer flexibility is a part of the Flexibility Market Strategy workstream 2, to identify and remove barriers and pain points for flexibility across ESO services and markets.

This review aims to identify and prioritise barriers and set out our approach to removing barriers and timeframes for doing so.

Stage 1 – identifying barriers

- For stage 1, we developed a set of “archetypes” internally and mapped the known barriers.
- We then published the archetypes and barriers as part of this “stage 1” review to get industry input on the barriers and associated archetypes.
- We also published a questionnaire in order to get feedback.
- Published docs:
 - [Summary doc](#)
 - [Archetypes](#)
 - [Barriers matrix](#)
 - [ESO Service Requirements](#)



| Demand Side Flexibility Archetypes | | | Static Fast Frequency Response | Dynamic Containment | Dynamic Moderation | Dynamic Regulation | STOR | Fast Reserve | Quick Reserve | Slow Reserve | Balancing Reserve | Local Constraint Market | Demand Flexibility Service | Balancing Mechanism | Key: |
|------------------------------------|----------------------------|--|--------------------------------|---------------------|--------------------|--------------------|------|--------------|---------------|--------------|-------------------|-------------------------|----------------------------|---|---|
| Consumer | Supplier | Behavioral | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● Not aware of any insurmountable barriers ● Barriers are likely blocking some of the market ● Barriers are stopping all of the market ● Not capable of participating in service |
| | | EV | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | |
| | Independent VLP Aggregator | Battery & Solar | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | |
| | | Heat | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | |
| | | Behavioral | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | |
| | | EV | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | |
| Domestic | Non VLP Aggregator | Battery & Solar | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● Not aware of any insurmountable barriers ● Barriers are likely blocking some of the market ● Barriers are stopping all of the market ● Not capable of participating in service | |
| | | Heat | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | | |
| | Supplier | Fleet EV | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | | ● |
| | | Large consumer scheduled flex | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | | ● |
| | | Large consumer interruptible flex | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | | ● |
| | | Small & medium enterprise scheduled flex | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | | ● |
| Industrial & commercial | Independent VLP Aggregator | Small & medium enterprise interruptible flex | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● Not aware of any insurmountable barriers ● Barriers are likely blocking some of the market ● Barriers are stopping all of the market ● Not capable of participating in service | |
| | | "Behind the meter" Battery, Solar &/or Wind | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | | |
| | | District heating | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | | |
| | | Heat | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | | |
| | Non VLP Aggregator | Fleet EV | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | | ● Not aware of any insurmountable barriers ● Barriers are likely blocking some of the market ● Barriers are stopping all of the market ● Not capable of participating in service |
| | | Large consumer scheduled flex | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | | |

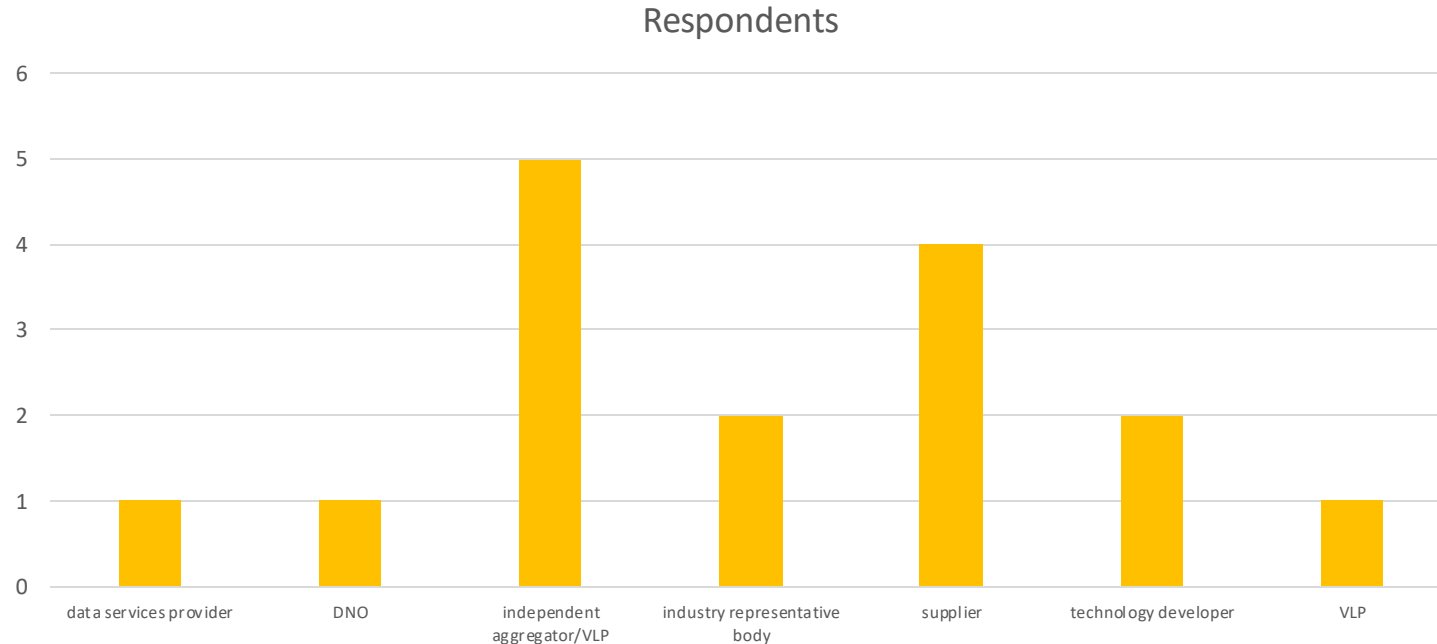
Stage 1 Industry Engagement

Questionnaire

We published a questionnaire with 5 overarching questions in relation to barriers, archetype assumptions & prioritisation, which closed at the end of June. We had a total of 16 responses to the questionnaire. This industry engagement ran in parallel with the Flexibility Market Strategy call for input.

Q&A and 1 to 1 calls

We also held a Q&A session with industry on the 5th June about the Flex Strategy CFI and included Q&A on the Routes to Market Review. We also spoke to several organisations in 1 to 1 calls about both the CFI and Routes to Market Review, including Energy UK and ADE members.



Consumer Flexibility Key Barriers – What We’ve Heard

Digital infrastructure ■
 Service design ■
 Regs/codes ■

Specific barriers

Metering

ESO requirements not aligned with metering standards (COP11, MIR, EVSCP)

Operational metering for BM & reserve

Half hourly settlement requirements (BM, LCM, BR, BM QR & SR)

Asset metering restrictions (requiring boundary metering data DFS)

Measuring Instruments Regulations (MIR) - display requirements for meters

Consumer consenting process for smart meter data access for 3rd parties (aggregators)

Baselines

60 min nomination baselines difficult for BtM assets in Response

Cross service baseline complexity

Settlement

Demand turn up commercially uncompetitive for aggregators

Various

1MW minimum for participating in most ESO services (& locational requirements)

No decimalisation/sub MW increments for ESO services

Lack of visibility of stacking opportunities

Final consumption levies for demand

EFA blocks & commitment windows

Skip rate in BM

Registration / Onboarding of assets

How can we accelerate market participation from smaller-scale assets practically through digital and data?

Strategic Energy Planning

Item 6

Darren Holyoake

Topics to discuss

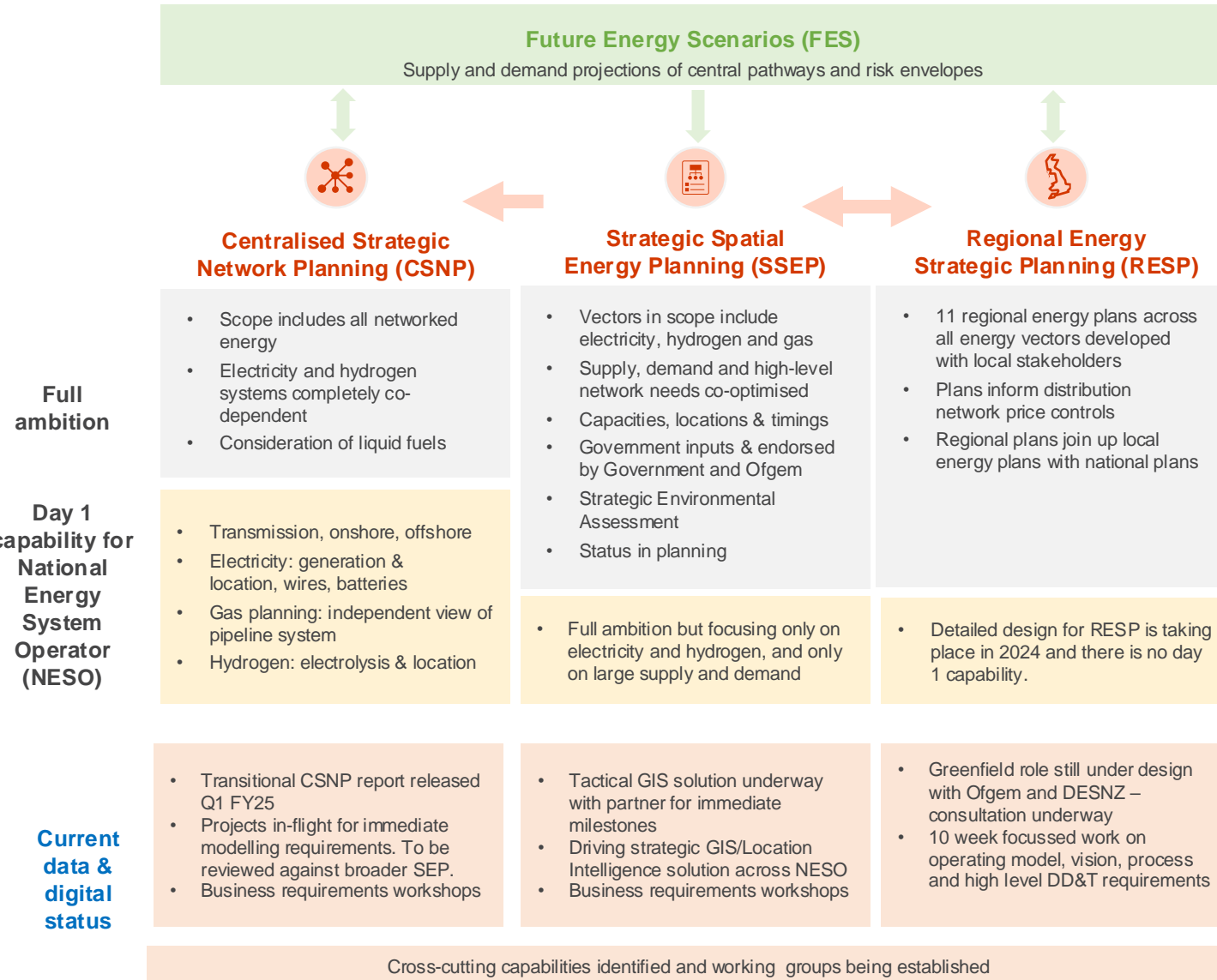
- As we build the strategic capability for SEP, are there any additional considerations or insights to our delivery approach?

Agenda

- Strategic Energy Planning overview
- Considerations for achieving SEP mission
- RESP approach
- Cross-cutting capabilities
- Architectural principles
- Delivery approach
- SEP capability overview
 - Data & Analytics
 - Geospatial / location intelligence
- Discussion

Strategic Energy Planning (SEP) Digital Charter

Our Digital Mission for Strategic Planning is focused on not only how we can address the industry challenges of today, but how we can adopt a digital approach to anticipate and adapt to future challenges



Digitalising Strategic Planning will deliver the following outcomes:

1. We will have a whole energy system plan.
2. Our plan will be interoperable between SSEP, CSNP, RESP.
3. The public will have access to clear and visual outcomes of planning information at a national and regional level.
4. Customers will have self-serve access to the information that they need.
5. There will be a frictionless user experience across all our Strategic Planning services.
6. Customers will be equipped with the digital skills and tools needed to participate in strategic planning processes.
7. Data will be assured, transparent and auditable



Considerations for achieving the SEP Digital Mission

Drive to Digital Leader

- Transforming our organisational culture and digital ways of working is core to our ambition
- Requires technology, capability, skills and behavioural shift

Role maturity

- We are delivering at pace to meet SSEP timescales, whilst supporting emerging requirements for RESP
- Managing tactical solutions as pathways to strategic capability build
- SEP is the catalyst for strategic capability across NESO, e.g. geospatial/location intelligence

Data volumes

- The volume of data required to create a Geospatial and Location intelligence solution will be exponential
- Internal and open source data needed to be able to create a strategic energy overview
- This incorporates multiple vectors with multiple data sources being available whenever our customers need it
- Will need to drive data consistency and quality

Complex Modelling

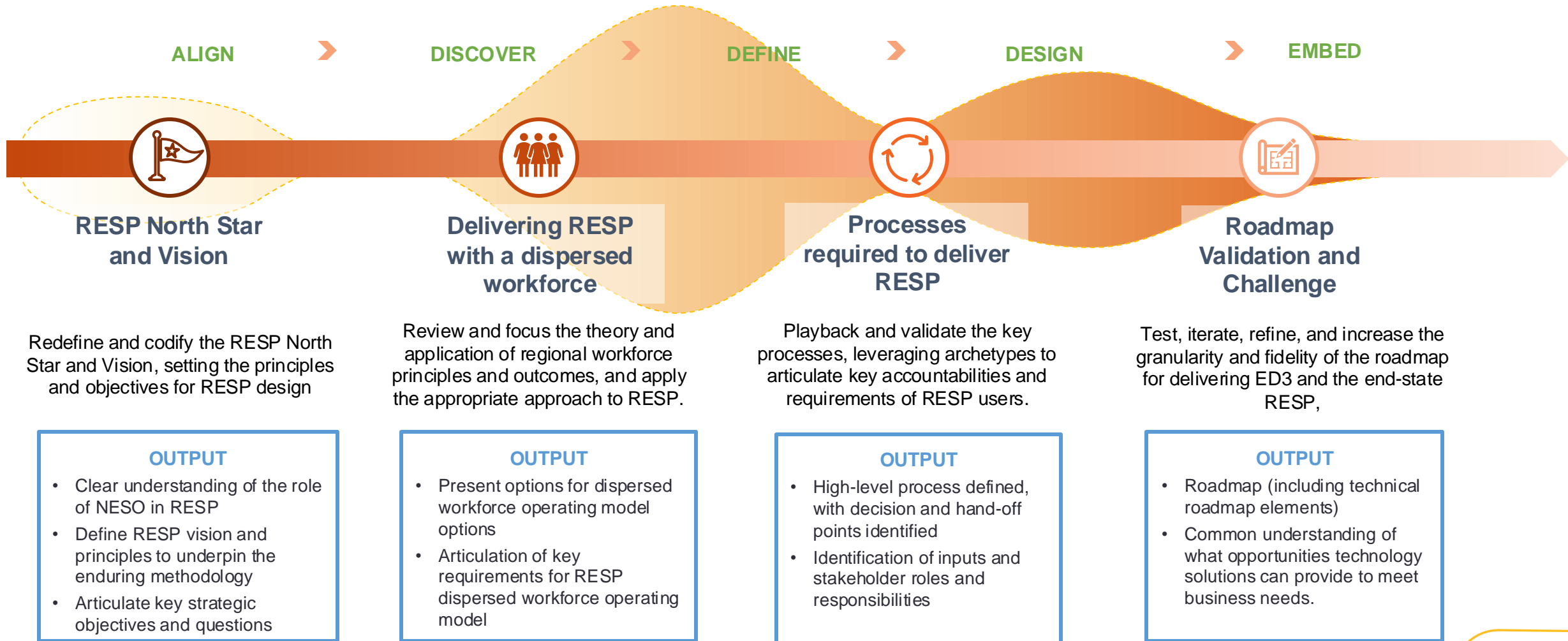
- Complex modelling with interconnected scenarios relying on common data sets
- Models must be interoperable and flex to the differing customer requirements
- Conclusions are consistent between business products but also based on data that is assured, transparent and auditable

Customer expectations

- Meeting expectations will be challenging due to the increased volume and complexity of decisions
- Meeting self-service needs regarding visualisation and open data to support what-if analysis.
- Breadth of customer and stakeholder groups with differing needs, e.g. Local Authorities, Ofgem etc

We are conducting an 8-week discovery piece to define NESO's role in RESP

Following the release of the RESP consultation, we are currently working our way through 4 key deliverables to support NESO in delivering our roadmap to designing and delivering RESP. The development of RESP in the next phase will be collaborative, we look to design and develop the RESP role with the support of Regional industry stakeholders.



Cross-cutting capabilities identified

FSO, DESNZ, OFGEM

SSEP

RESP

CSNP

GWEND

Off Shore

STAKEHOLDERS

Regulators

Energy Industry

Reg. Planning Teams

Local Authorities

Community Groups

Consumers / Public

User Access Management, Security, NFRs

Analysis and Modelling

Geospatial Analysis

Data Modelling

Network

Supply & Demand

Environmental Assessment

Economic Assessment

Community Assessment

Societal Assessment

Data

Data Integration

Data Visualisation & Reporting

Data Exchange

Data Quality & Management

Data Standardisation

Data Confidentiality

Stakeholder Engagement

Customer & Stakeholder Engagement

Knowledge Sharing

Workflow Management

Planning Hub

Technical Co-ordination & Optioneering

Project Management

Central Data Repository

Data Sources

Spatial Data

Aerial Data

Weather Data

Offshore

Wind Farms

Local Planning

Planning Forecasts

Environmental Models

Societal Models

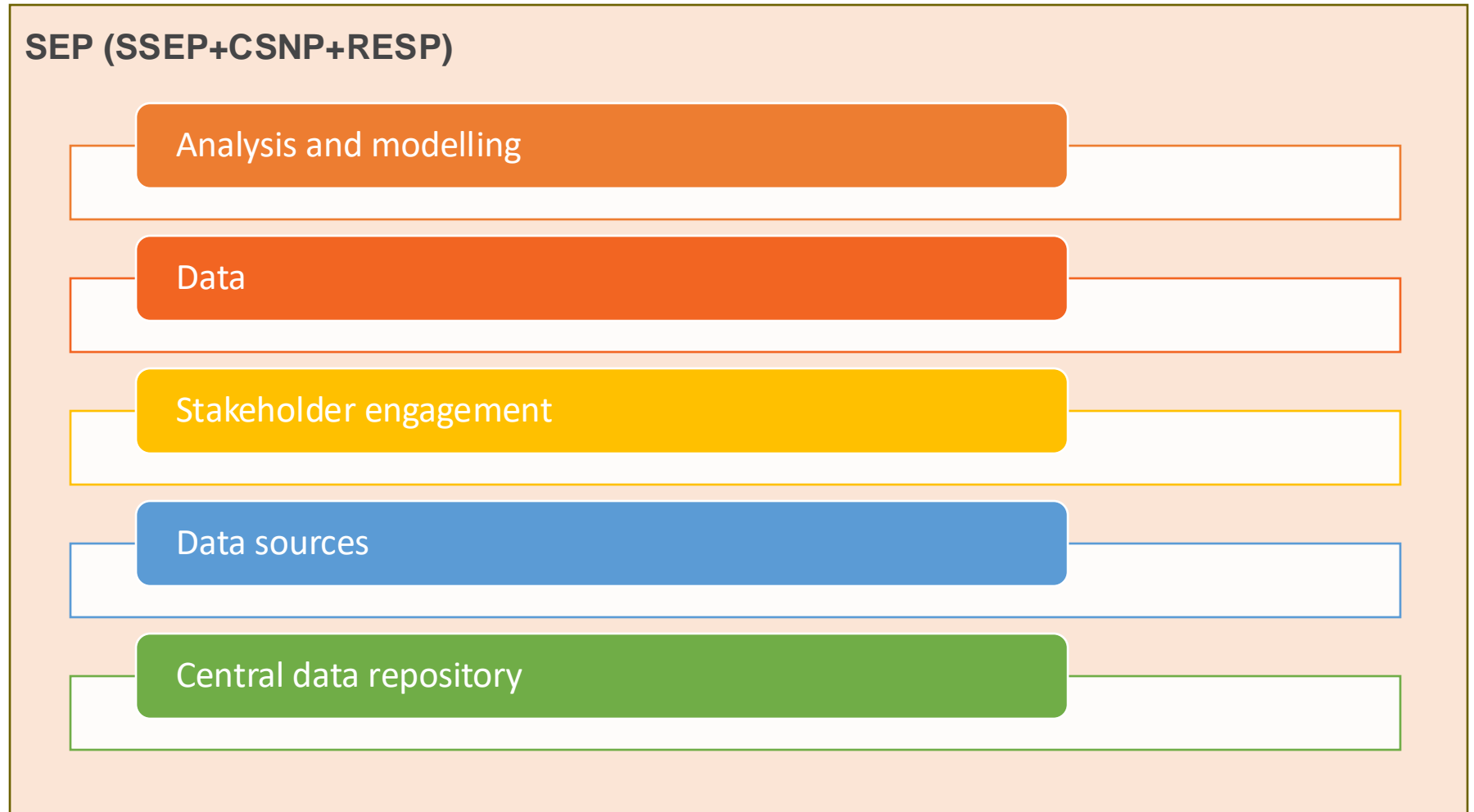
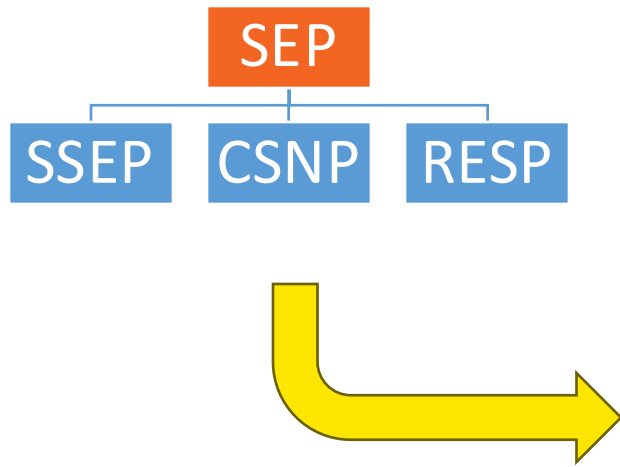
Technical Models

Economic Models

Digital Elevation Data

Internal Systems

Capability based delivery approach



Any considerations on gaps we may have?
Where you have applied this type of capability delivery model, any insights you can provide?
Any challenges you faced related to applying this model?

An enduring geospatial / location intelligence solution will be implemented, with potential to impact multiple areas in NESO

Digital Charter

Overall need and plan captured and updated throughout lifecycle as a living document

Tactical Solution

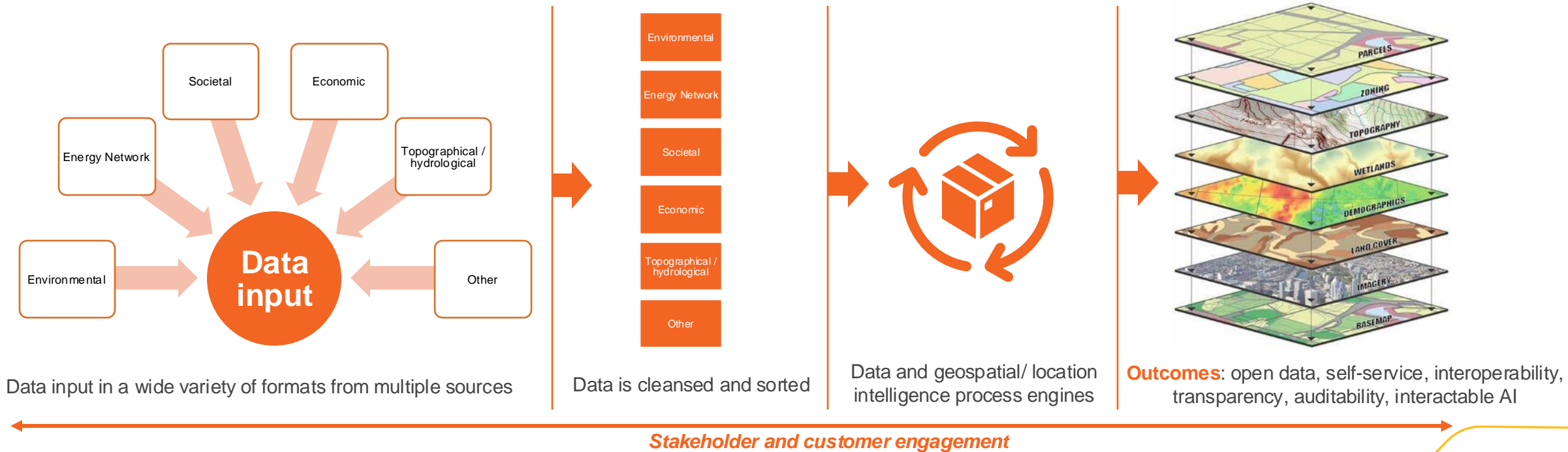
Immediate needs progressed to enable speed to teams and quick value realisation

Sanctioning

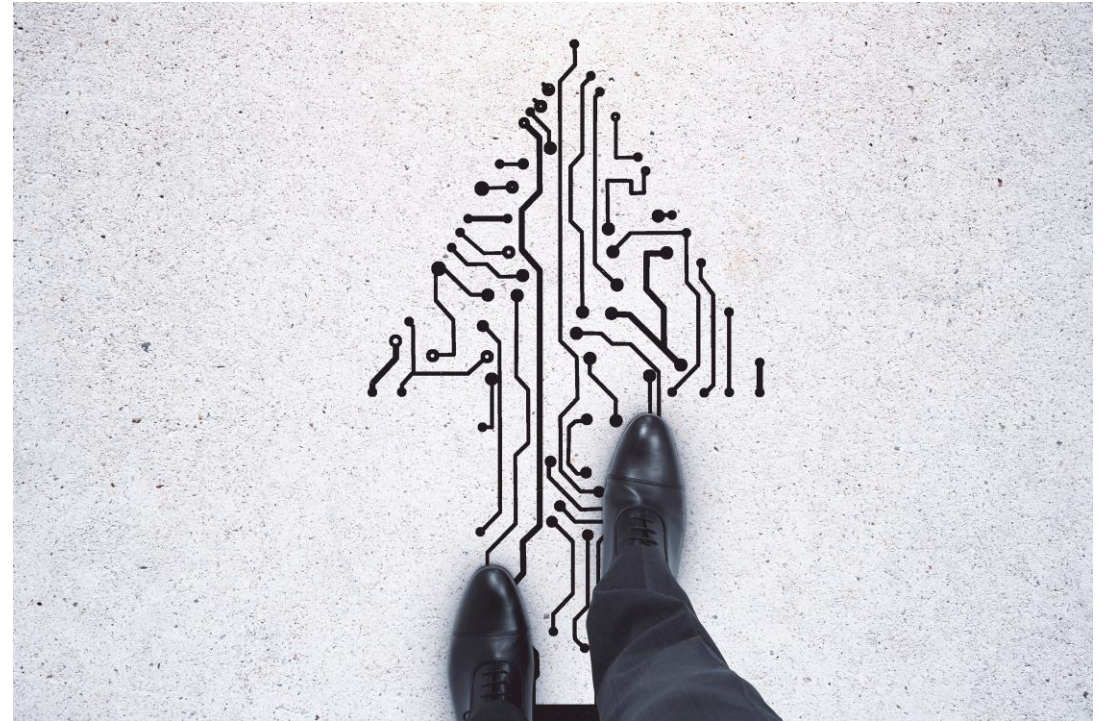
Being progressed in phases and in parallel to all delivery

Delivery

Enduring solutions being defined with migration of tactical solution in the plan



As we build the strategic capability for SEP, are there any additional considerations?





Break

10:50 – 11:05

FSO Day 1 to Day 2

Item 7

Brian Nixon

Topics to discuss

- Are there any considerations or insights to support a successful technology separation from NG?

Day 1 → Day 2 capabilities to support an independent NESO

Key:

DD&T Responsibility

Joint responsibility
with other ESO
Directorates



Networks

Establish NESO's enterprise network and transition of OPTEL and CNI Network



Cloud

Build NESO's Cloud Platform to unlock pace and scalability



Digital Workplace

Establish NESO's Digital Workplace capability to enhance user experience



User and Application Migration from NG

Migrate ESO owned Applications and users to NESO's infrastructure



Security

Transition and evolve NESO's physical and cyber security capability



IT Service Management

Transition and evolve NESO's Service Management Processes and capabilities including Incident Management



Finance

Deliver fit for purpose systems and platforms to enable transformation of NESO Finance function



HR

Deliver fit for purpose systems and platforms to enable transformation of NESO HR function



Procurement

Deliver fit for purpose systems and platforms to enable transformation of NESO Procurement function

ESO Day 2 Delivery Principles

1. Customer-centric deployment of technology where ease of use is balanced against functional efficiency
2. Digital products and systems will be implemented 'out of the box' with limited configuration
3. Design for the future in line with a digital-first mindset and enable data/AI driven decision-making
4. Mitigation of risks associated with security, reputation, financial stability and employee well-being is core to all delivery
5. Decisions should drive towards timely exits from the TSAs
6. Drive efficiency in processes and business operations across NESO to focus on value-adding and customer-focused activities
7. Ensure regulatory and license obligations are met and not impacted

Good progress has been made in delivering Day 2 capabilities

- ✓ TSAs (Transitional Service Agreements) and OSA (Operational Service Agreement) agreed between ESO, NG & DESNZ
- ✓ ESO Day 1 to Day 2 TSA Exit plans well developed, socialised and aligned with NG
- ✓ Day 2 plan & governance structure established with NG
- ✓ Foundational core capabilities delivered for Security, Cloud, ServiceNow, DWS (Digital Workplace Services) & M365
- ✓ Architectural direction for application migration across hosting platforms delivered
- ✓ Physical network separation underway
- ✓ Procurement events underway for new HR, Finance and Procurement platforms, as well as third-party providers to support NESO's networks, ITSM (IT Service Management) and DWS/EUC services

Governance of a Data Sharing Infrastructure

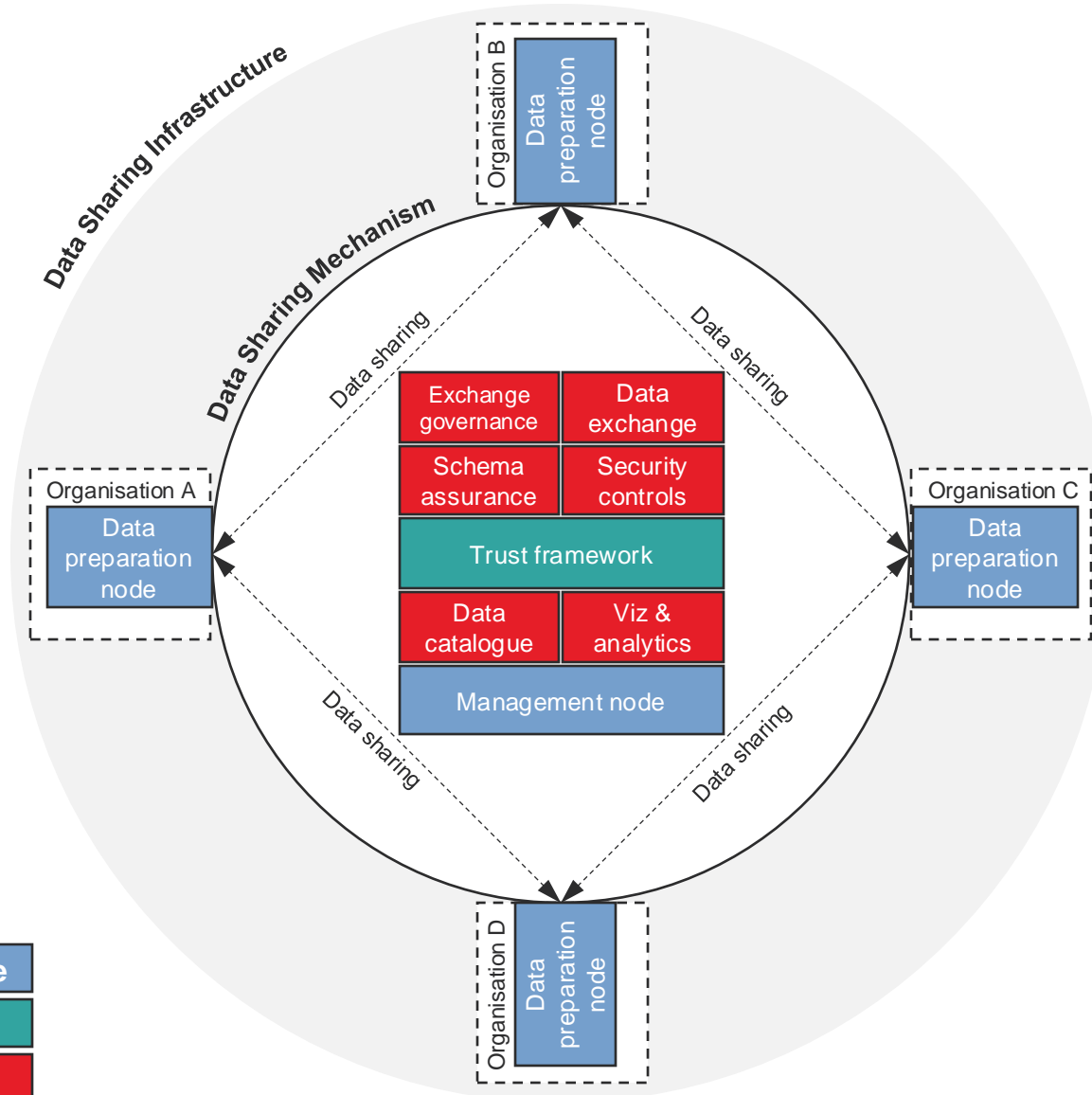
Item 8

Simon Evans

Topics to discuss

- In July 2024, Ofgem launched a consultation on the '*Governance of the Data Sharing Infrastructure*' where they recommended that ESO take on the role of the "**Interim Data Sharing Infrastructure Coordinator**"
- ESO have worked in partnership with industry experts to detail how the "**Interim Data Sharing Infrastructure Coordinator**" (2024-2028) and "**Digitalisation Orchestrator**" (2028+) roles will be established and operate.
- ESO would like the TAC's feedback and on the roles.

The data sharing infrastructure (aka digital spine)



Prepare

- Cross-sector data preparation node
- Functionally similar to:
National Digital Twin Programme

Trust

- Sector-wide trust framework
- Functionally similar to:
Open Energy

Share

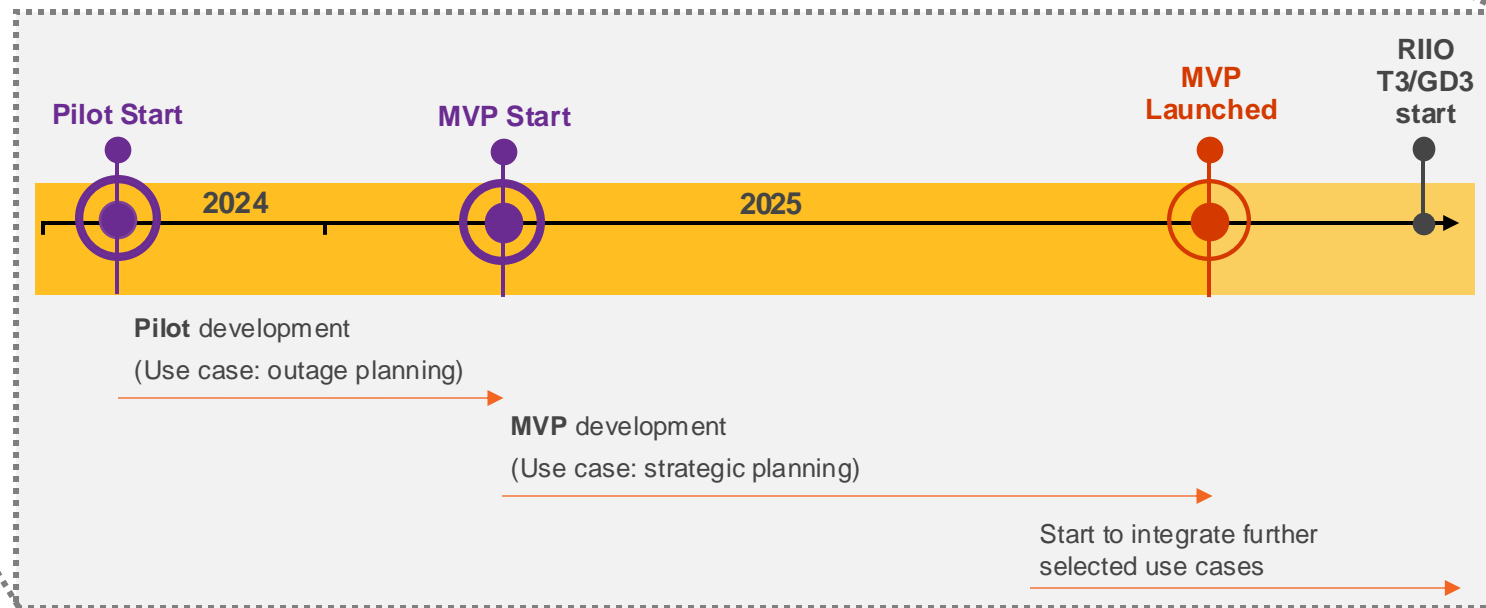
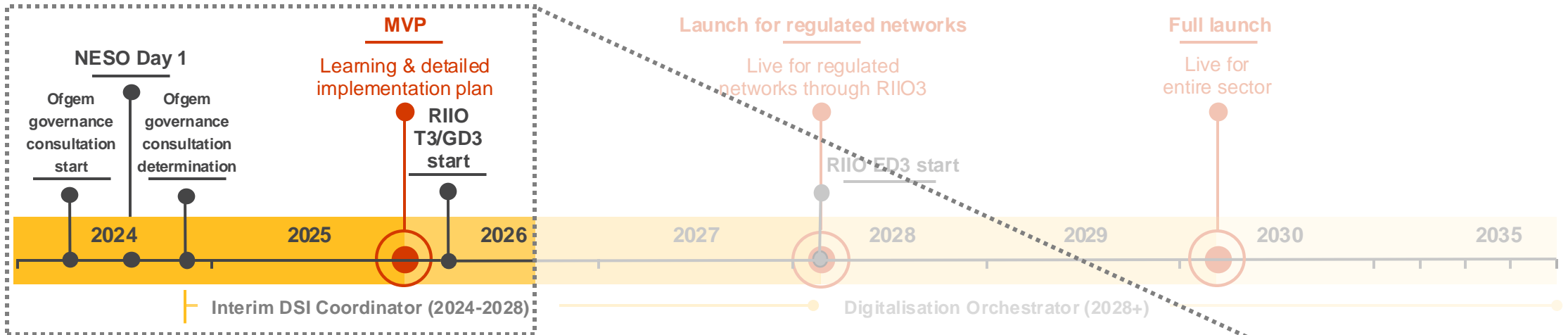
- Sector-wide data sharing mechanism
- Functionally similar to:
Virtual Energy System Programme

Prepare

Trust

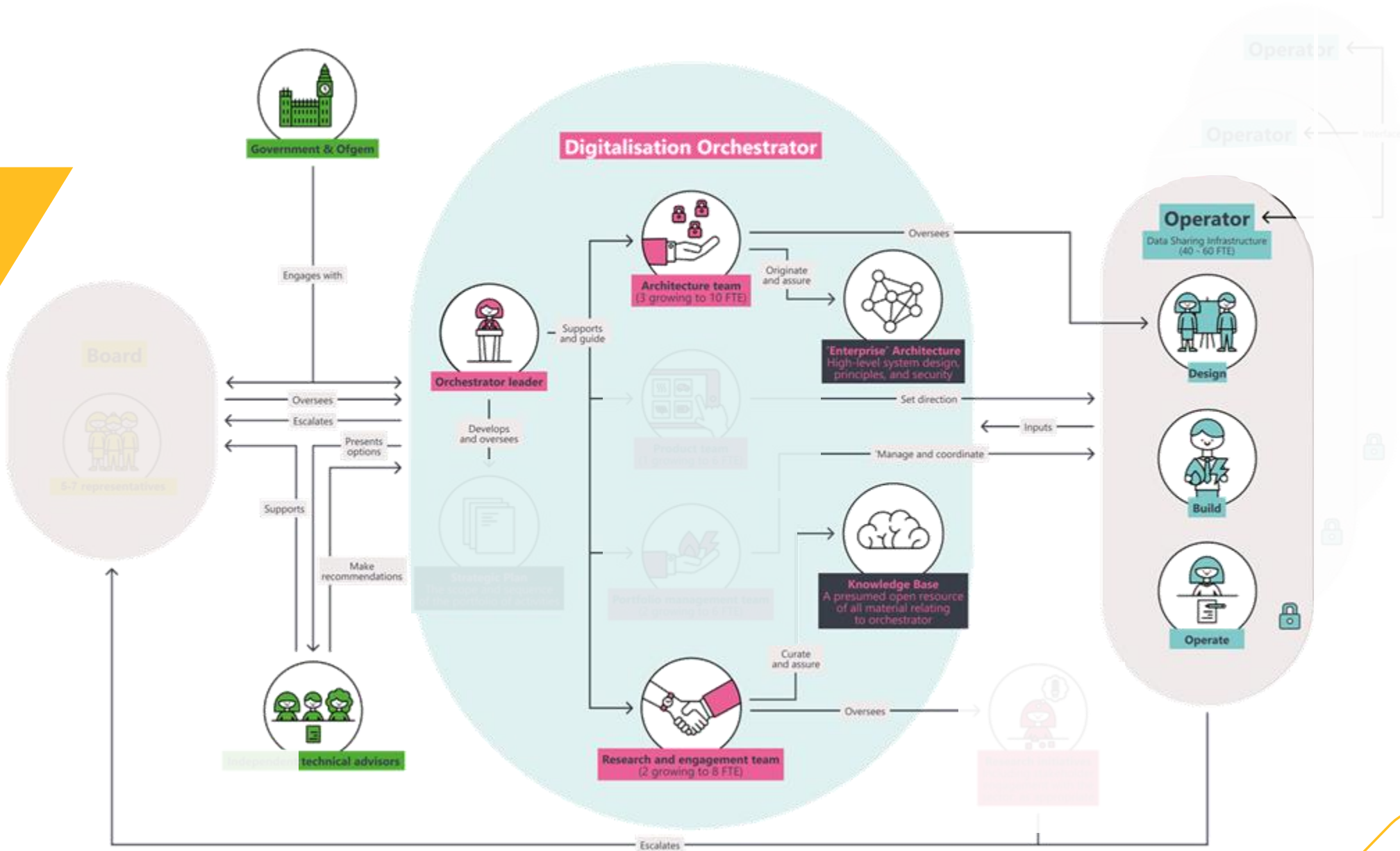
Share

Data sharing infrastructure roadmap for delivery (2024-2035)

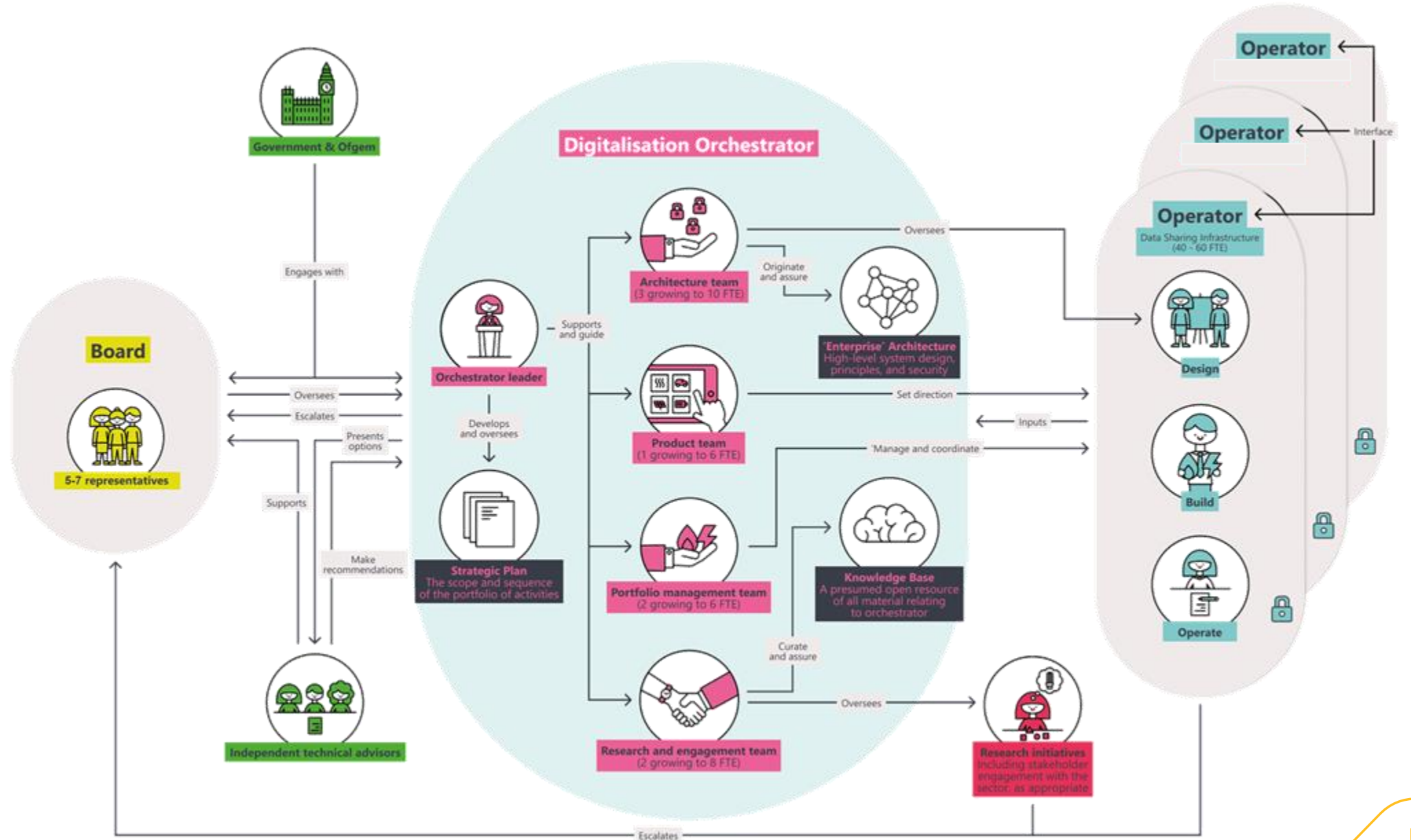


Indicative Interim DSI Coordinator (2024-2028)

- Key Interim DSI coordinator roles & responsibilities**
- Architecture
 - Cyber security
 - Oversight of delivery
 - Technology
 - Tenders



Digitalisation Orchestrator (2028+)



Open Balancing Platform Update

Item 9

Brendan Lyons

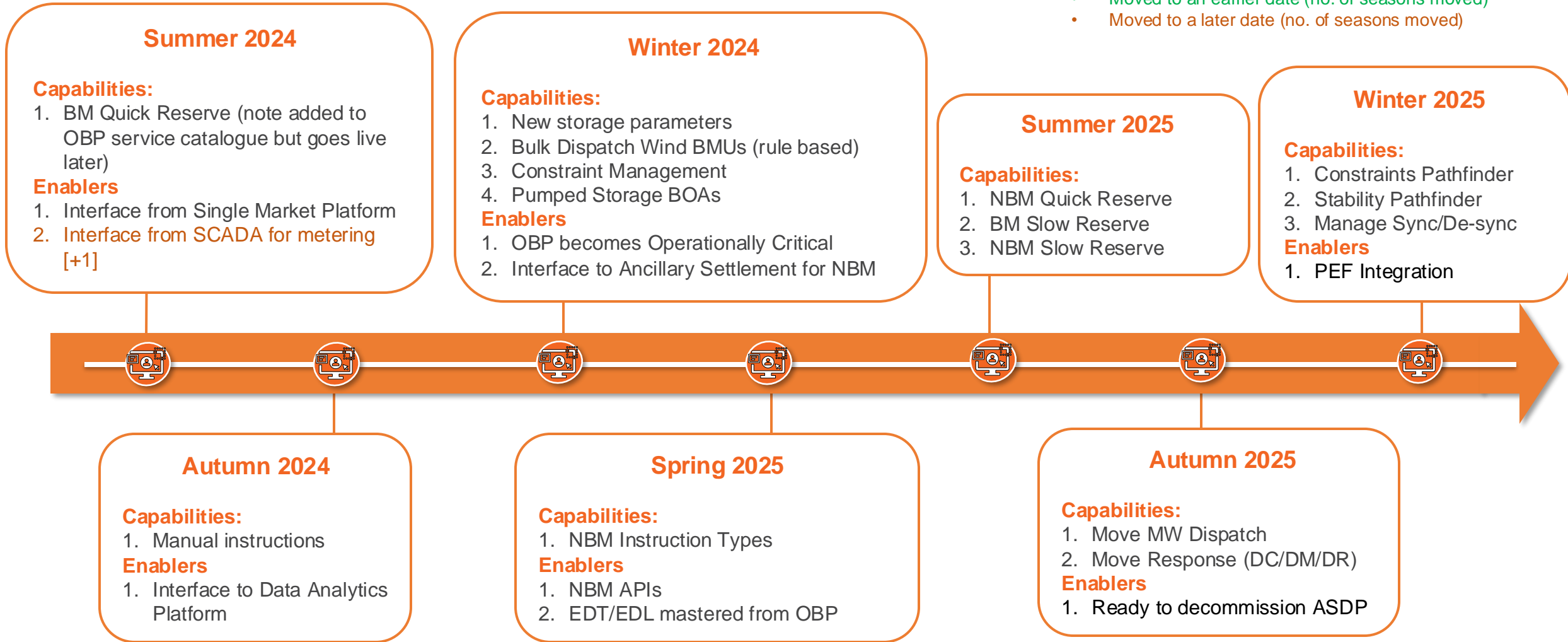
Topics to discuss

- OBP Roadmap Update
- Small BMU Zone - Instruction Remediation Update
- The Council's views on sub-MW, sub-minute dispatch
- The Council's views on resilience of non-CNI systems

Open Balancing Platform Release Plan Timeline

Legend

- Moved to an earlier date (no. of seasons moved)
- Moved to a later date (no. of seasons moved)

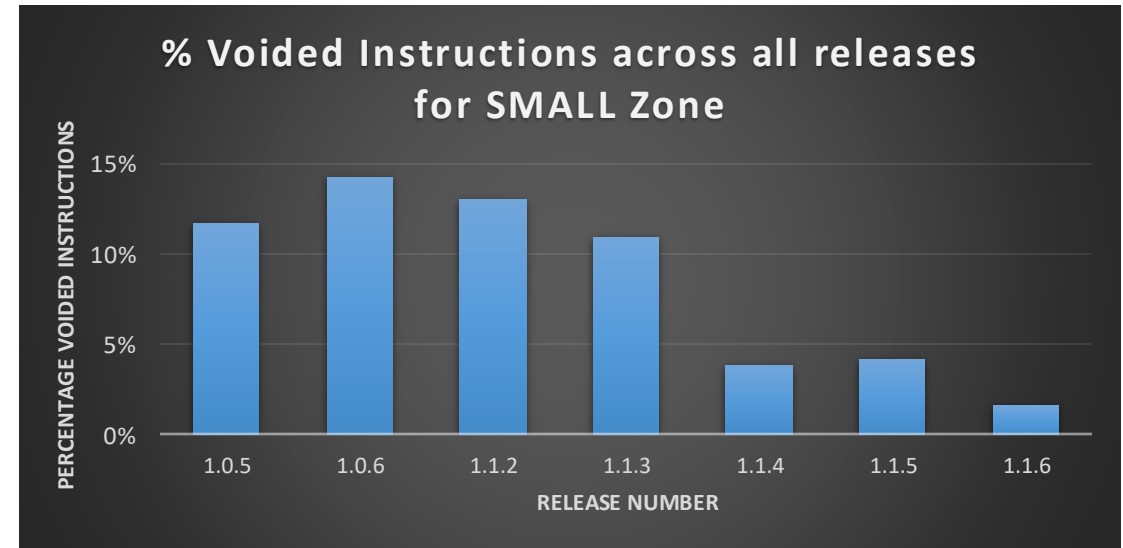


Abbreviations

EDT: Electronic Data Transfer **DC:** Dynamic Containment **DM:** Dynamic Moderation **DR:** Dynamic Regulation **ASDP:** Ancillary Services Dispatch Platform **BOA:** Bid Offer Acceptance **PEF:** Platform for Energy Forecasting

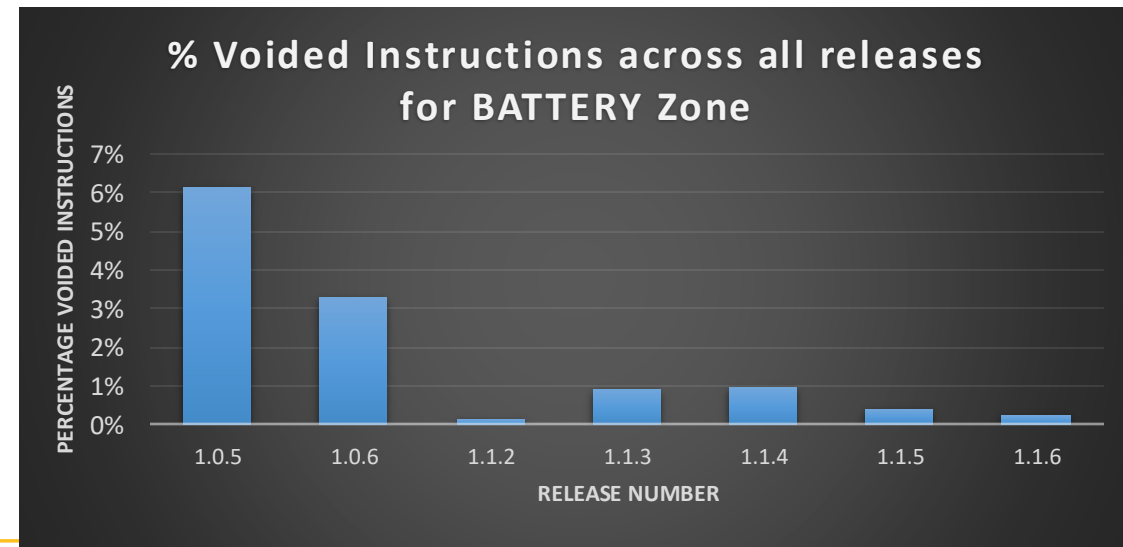
Voided instructions in **SMALL** zone since Release 1.05

| Release | Duration | Total Instructions | Voided Instructions | % Voided Instructions |
|---------|----------|--------------------|---------------------|-----------------------|
| 1.0.5 | 7 days | 22364 | 2618 | 11.7% |
| 1.0.6 | 50 hours | 5214 | 742 | 14.2% |
| 1.1.2 | 8 Hours | 1613 | 210 | 13.0% |
| 1.1.3 | 8hrs | 1402 | 153 | 10.9% |
| 1.1.4 | 64hrs | 5090 | 198 | 3.9% |
| 1.1.5 | 8hrs | 1056 | 44 | 4.2% |
| 1.1.6 | 48hrs | 4731 | 75 | 1.6% |



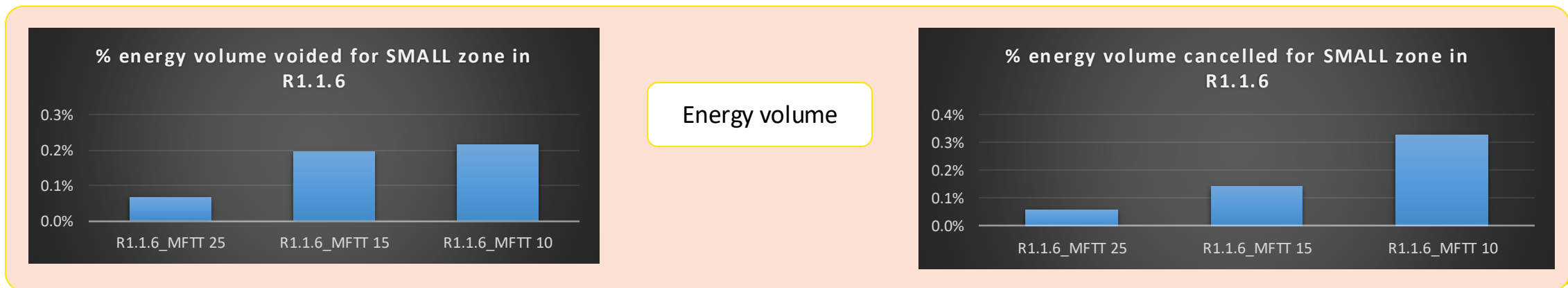
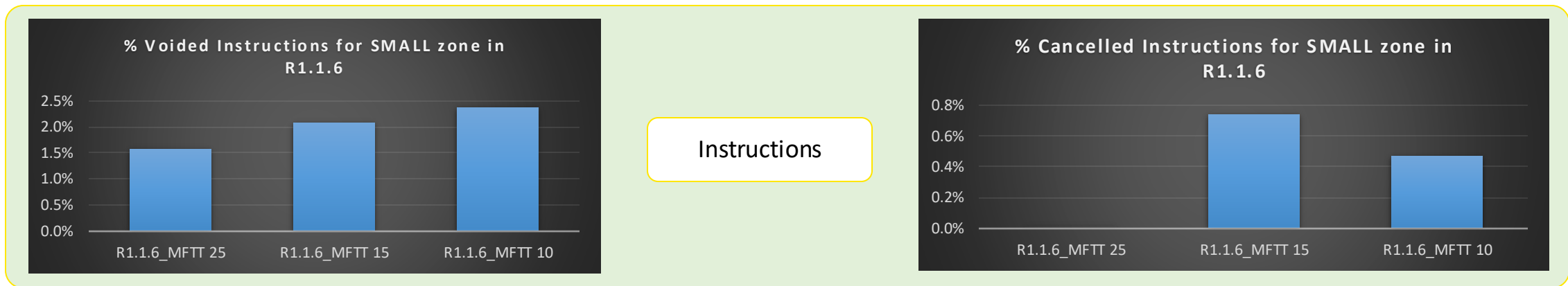
Voided instructions in **BATTERY** zone since Release 1.05

| Release | Duration | Total Instructions | Voided Instructions | % Voided Instructions |
|---------|----------|--------------------|---------------------|-----------------------|
| 1.0.5 | 7 days | 17000 | 1043 | 6.1% |
| 1.0.6 | 50 hours | 6385 | 211 | 3.3% |
| 1.1.2 | 8 Hours | 1847 | 3 | 0.2% |
| 1.1.3 | 8hrs | 1702 | 16 | 0.9% |
| 1.1.4 | 64hrs | 15454 | 149 | 1.0% |
| 1.1.5 | 48hrs | 8038 | 34 | 0.4% |
| 1.1.6 | 48hrs | 6087 | 15 | 0.2% |



Voided instructions & energy for **SMALL** zone in R1.1.6 with different MFTT values

| Release | Zone | Duration | Total Volume generated in MWh | Volume Voided (MWh) | Volume cancelled due to parent voided (MWh) | %volume voided | % volume cancelled | Total Instructions | Voided Instructions | Cancelled due to parent voided | % Voided Instructions | % cancelled Instructions |
|----------------|-------|----------|-------------------------------|---------------------|---|----------------|--------------------|--------------------|---------------------|--------------------------------|-----------------------|--------------------------|
| R1.1.6_MFTT 25 | SMALL | 48 Hours | 27894 | 19 | 17 | 0.1% | 0.1% | 4731 | 75 | 0 | 1.6% | 0% |
| R1.1.6_MFTT 15 | SMALL | 48 Hours | 39616 | 78 | 57 | 0.2% | 0.1% | 8587 | 178 | 64 | 2.1% | 0.7% |
| R1.1.6_MFTT 10 | SMALL | 48 Hours | 40206 | 87 | 133 | 0.2% | 0.3% | 10831 | 257 | 51 | 2.4% | 0.5% |



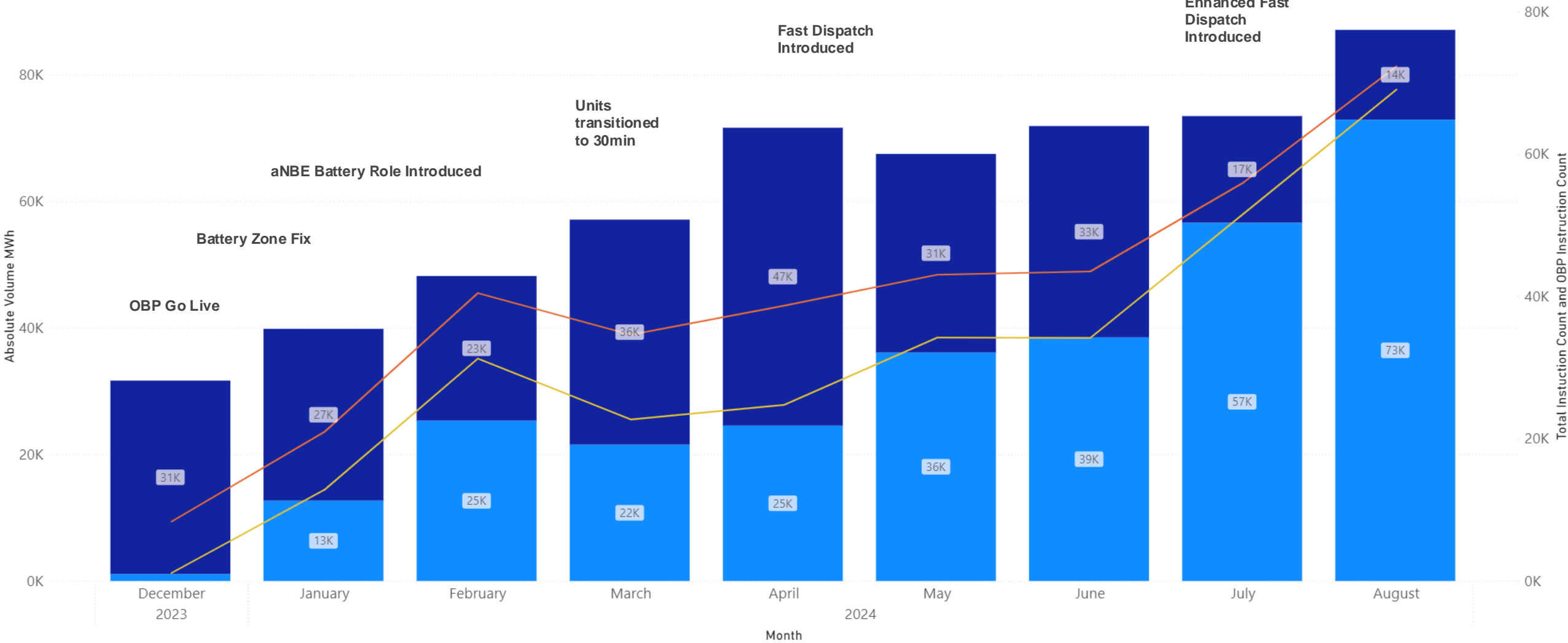
Batteries

Publicly Available

Highest volume instructed by OBP

Absolute Volume MWh and Instruction Count by Date (Weekly) - Batteries

Detail ● OBP ● Other ● Total Instruction Count ● OBP Instruction Count



What is the council's view on moving to sub-MW and sub-minute dispatch?

There is an important balance between not having market barriers (simple system solutions) but also having resilience of a CNI based solution. What is the council's view on resilience of non-CNI systems (end-user)?



Subgroups update

Item 10

Cameron Shade

Subgroups update

- Digital and Data Strategy held 12th July
 - AI Operations and SRE
 - CNI Cloud Strategy
- Next meeting 10th Jan.

- Control Room of the Future held 2nd September
 - ESO Future Control Strategy update
 - DSO interaction
- Next meeting date TBC but will be W/C 25th November prior to the main TAC.



Next meeting

Item 11

Eric Brown

Next meeting and calendar

Meetings are every quarter for a half-day on the first Friday morning of the month, 9am-12.30pm

- 6th December 2024



AOB

Item 12

Eric Brown