

Ways of working

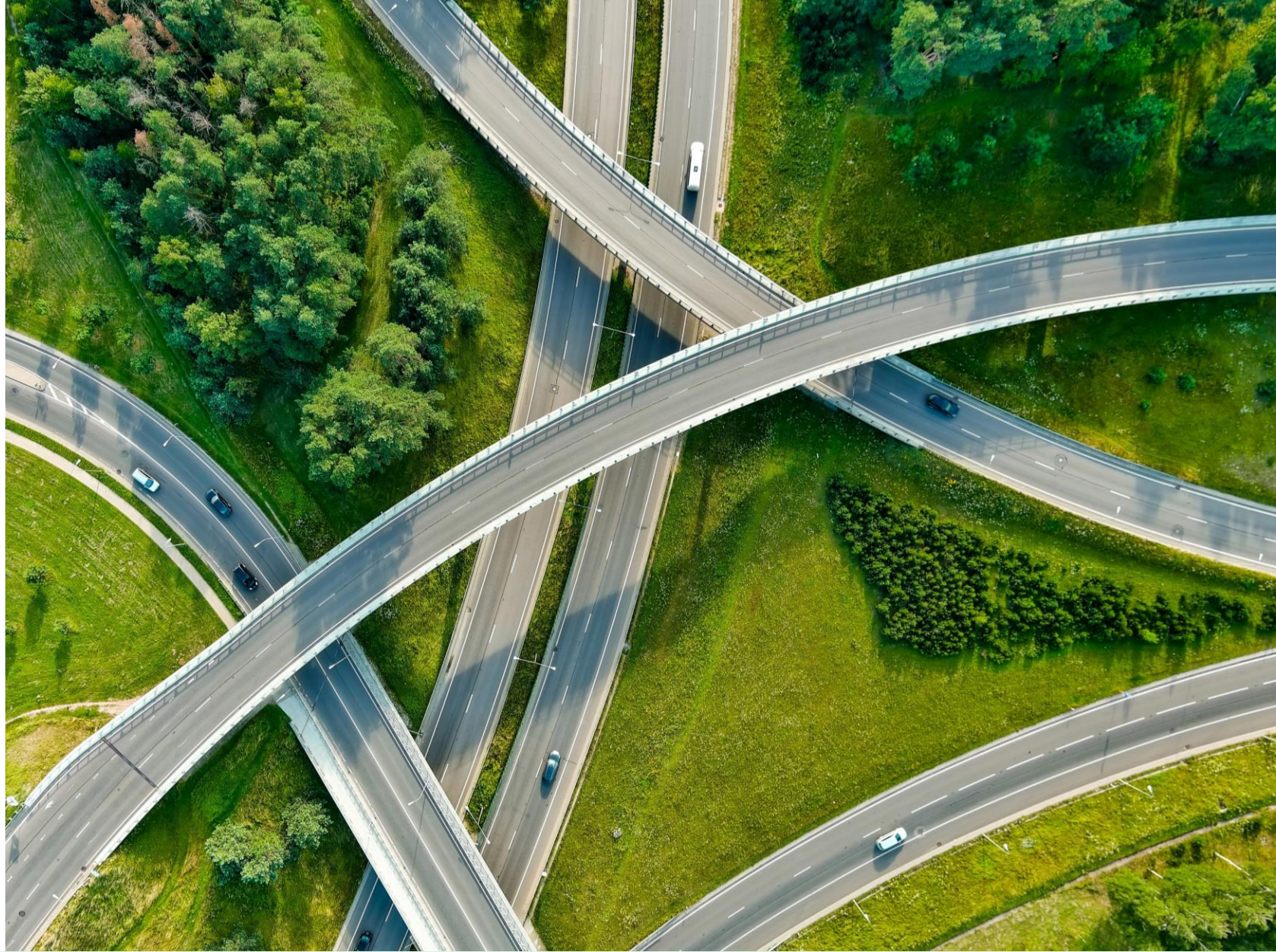
- We encourage attendees to **use video**, where bandwidth allows, especially when speaking
 - **Please mute when not speaking:**
 - Minimise background noise to maintain focus
 - Use the Teams chat if you are having problems with the camera
- Stay on topic: Keep contributions relevant to the agenda
- Respect all perspectives: Foster a collaborative and inclusive environment
- We may adapt these ways of working as we progress, building on learning. Please feedback on how we can run the session as effectively as possible.

Flexibility Market Rules Working Groups

Common End-to-end process

Meeting 1

1 May 2025



Agenda



1. Welcome & Introductions
2. Terms of Reference
3. Context around the Common End-to-End process workstream
4. What is the Common End-to-End process and how do we see it evolving?
5. Working Group discussion
6. Wrap up and next steps

01

Welcome & Introductions

Elexon Team



Ayo Bammeke
Senior Change Lead
Chair



Anshu Choudhary
Senior Change Lead
Technical Secretary



Mez Benmaamar
Market Design Advisor
SME

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Terms of Reference

Terms of Reference

- Terms of Reference were shared ahead of the meeting
- Key points include:
- We aim to meet monthly. Meetings will be recorded to aid notes taking and will not be shared outside Elexon.
- The objective of the Common End-to-End Process Market Facilitator Working Group is to provide input, share views, and offer challenge on the associated workstream.
- Depending on the success of bilateral subject matter expert engagements, the intention is for artefacts of the workstream to feed into the structure of the Flexibility Market Catalogue and interaction with its two key underlying components of Sub-market Definitions and Market Coordination Rules.
- All workstream artefacts will be delivered by Elexon, published under open-source license, produced in collaboration with relevant subject matter experts.
- The key Scope of this Working Group is:
 - Provide feedback on the workstream's canonical vocabulary and conceptual model used to describe business processes that make up a common end-to-end process for flexibility service delivery and facilitate stakeholder consensus on contested or ambiguous terms.
 - Provide continuous validation and feedback on how the end-to-end process differs across sub-markets (e.g., DNO Scheduled Utilisation vs. NESO Slow Reserve), based on experience and content produced from structured bilateral engagement undertaken by the workstream.
 - Provide input to improve the accessibility of workstream artefacts (e.g. glossaries, concept maps) intended for Industry re-use, and the desired end state of such artefacts.
- Members are expected to draw on their expertise to represent the views of their organisation and their sector. While members may not represent all organisations within their sector, their views should be informed by their sector experience.
- All agendas, accompanying materials, meeting notes and the Feedback Log will be sent via email to members and published on the Elexon website. Feedback will not be attributed to individuals or organisations within the notes.

- **Do you have any any questions/issues?**

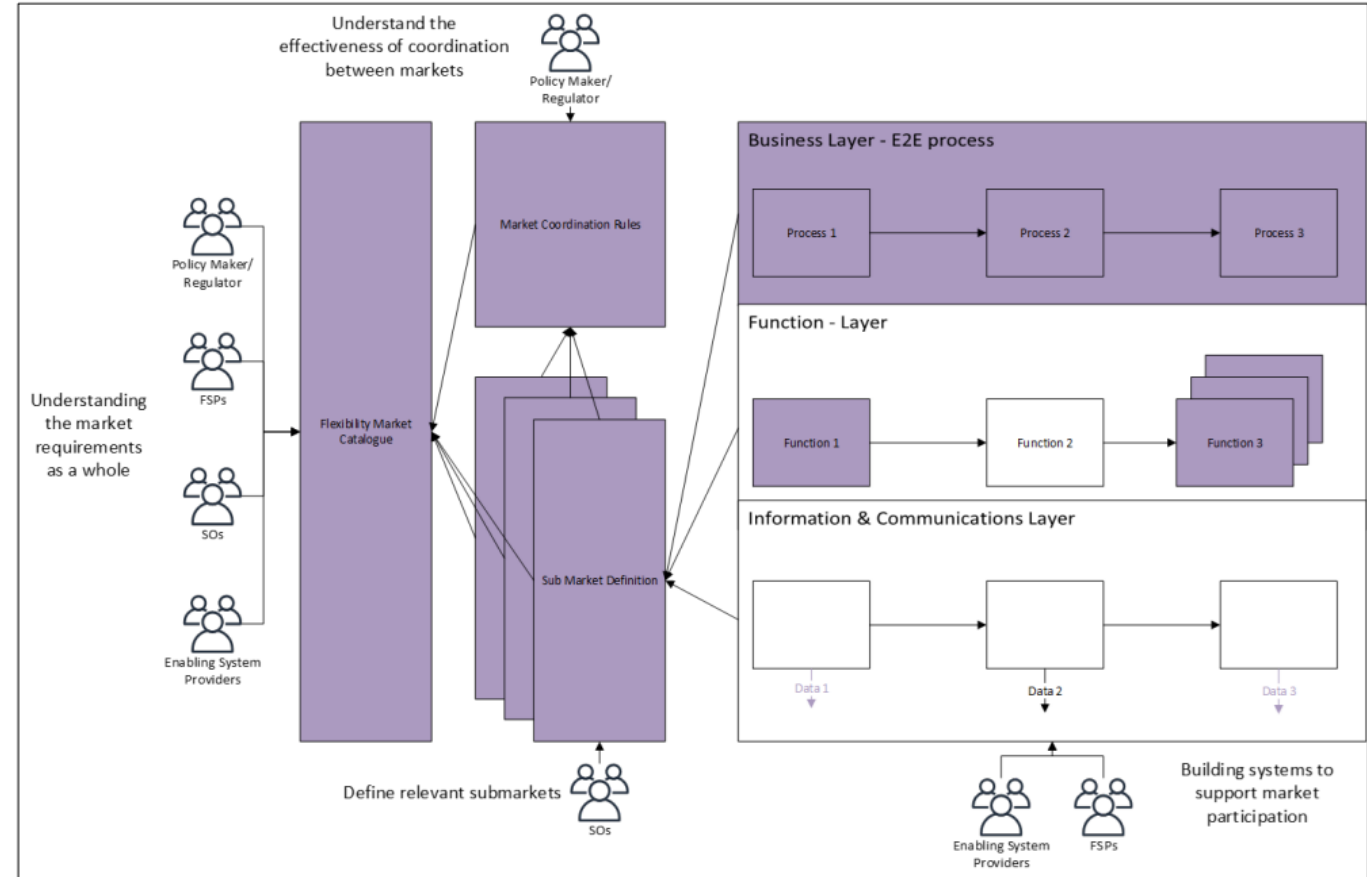
03

Context around the Common End-to-End process workstream

Context around the workstream

The intention is for artefacts of the workstream to feed into the structure of the **Flexibility Market Catalogue** and interaction with the two key underlying components of **Sub-market Definitions** and **Market Coordination Rules**.

The artefacts of the workstream will inform the **metadata schema** of the **market facilitator repository** and will evolve in scope and format to incorporate digital best practice.



04

What is the Common End-to-End process and how do we see it evolving?

What is the Common End-to-End process workstream?

Common* process mapping activity to produce a shared vocabulary and conceptual model to aid FSPs and facilitate coordination between SOs, across the many sub-markets that exist today.

This is useful **internally** to ensure we can document scope for alignment, ensure Flexibility Market Rules are defined with precision and provide a solid foundation for defining scope of future market facilitation activities (e.g. FMAR).

This is useful **externally** to ensure FSPs understand what business processes require of them in their user journey and why, across different sub-markets.

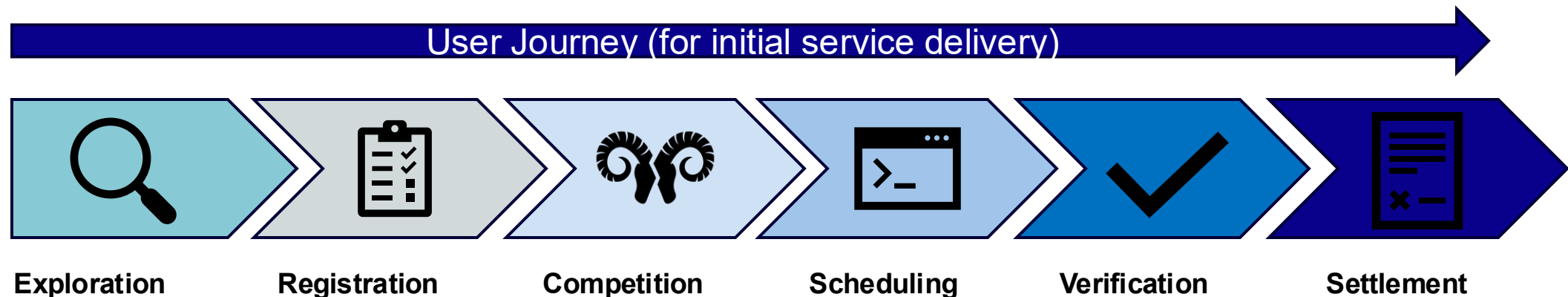
* Common: activity delivered by a dedicated process facilitated by a neutral entity to realise a shared system-wide interest.

Level 1 End-to-End process: Exploration to Settlement

The overall **Flexibility Market**, composed of multiple interacting sub-markets, is what we are modelling the User Journey for.

A **sub-market** is assumed to be operated by one market operator responsible for the market-clearing of their specific market according to a specific objective.

Market participant (SO, FSP etc.) **data exchange** to valorise a flexibility service is the driving force in the Flexibility Market User Journey below.



Level 1 End to End Process for Flexibility Market (E2E Process)

To add more depth, we introduce a Level Two set of processes

Generic Level Two processes can describe the end-to-end process in a more granular verb-noun format.

They refer to key Concepts (i.e. Asset, Unit) that are defined in our Glossary.

Level Two processes can have **notation** to document key attributes related to the User Journey. Notation could indicate points like:

- Are completing other processes a pre-condition to this one?
- Does this process repeat? Under what conditions?
- Does this building block require the FSP to initiate data exchange?

The generic Level Two process map is intended as a 'template' applicable to all sub-markets.

We can then use the generic Level Two processes to document sub-market business processes in a clear and structured way

This will enable us to capture how varied the business processes are with respect to sub-markets today.

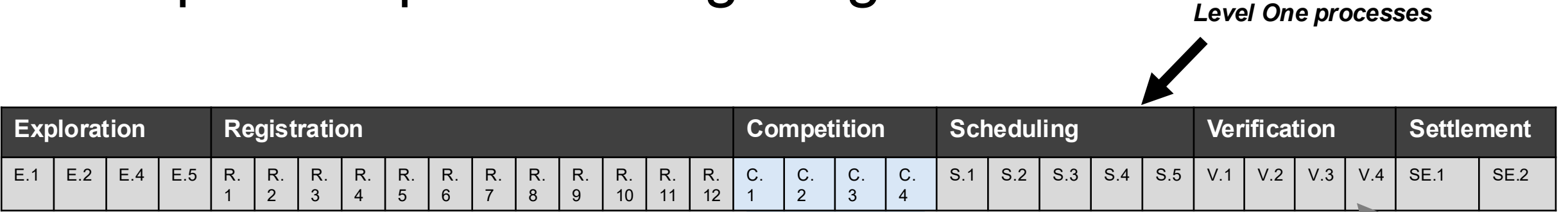
- For example, different sub-markets will utilise the same Level Two blocks but have different sequencing and notation.

How will we develop the sub-market end-to-end processes?

- We intend for this to be produced from structured bilateral engagement (e.g. interviews).
- This working group will be a key sounding board for validating and building consensus around these artefacts.

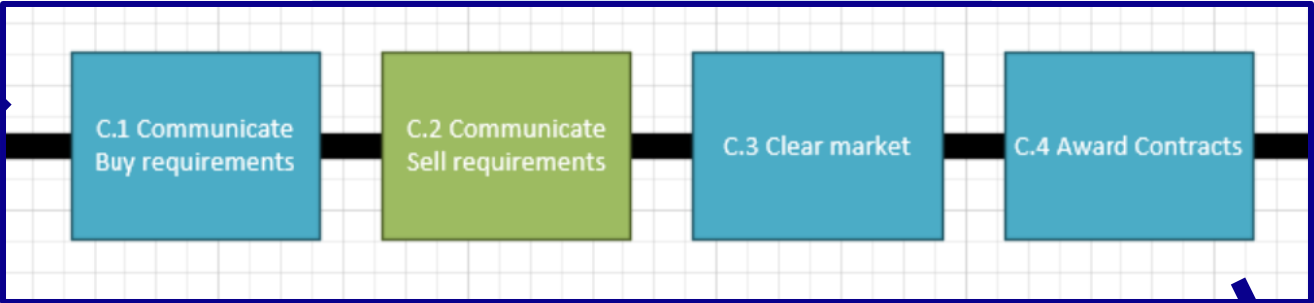
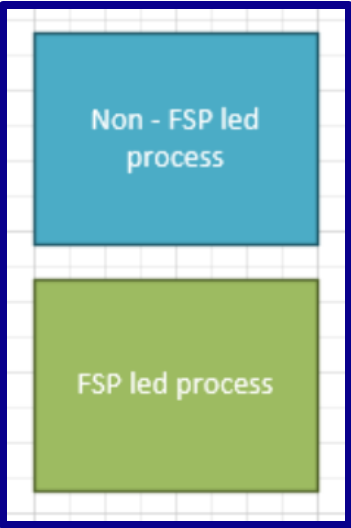
An example generic and sub-market end-to-end process is shown in the subsequent slides.

Example competition stage – generic



What could a basic Level 2 process map look like?

One example of notation could be colour-coding

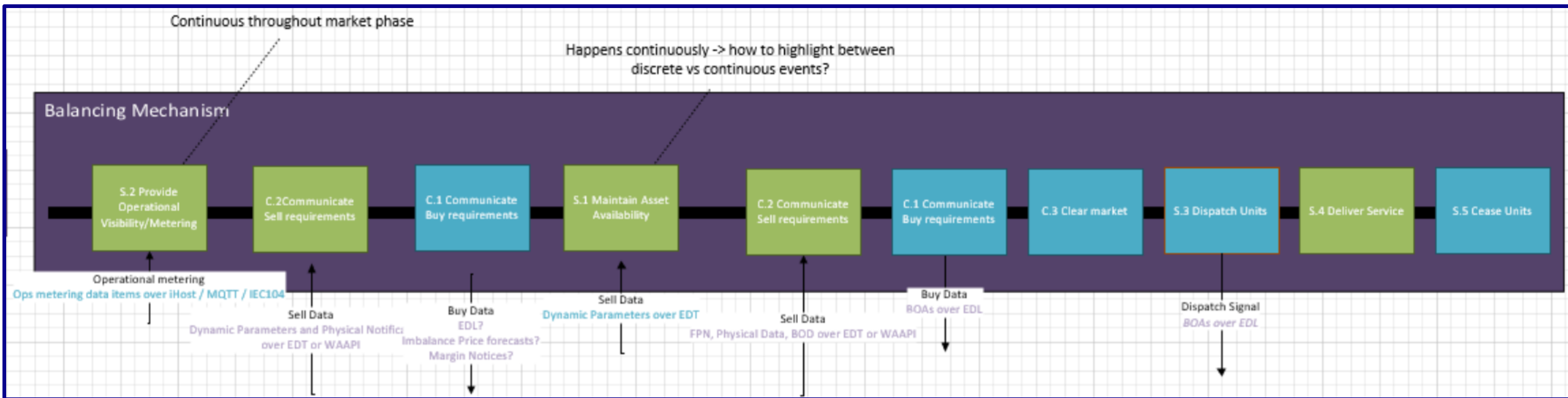


Level Two processes

Another example of notation could be documenting written attributes

Notation relevant to the User Journey						
FSP initiated? (Y/N)	Milestones	Preconditions	FSP-facing IT architecture			
i.e. Does this L2 function require FSPs to take the lead in the User Journey?	i.e. Events that are central to the process	i.e. Necessary L2 process	Information model	Data model	Data format	Protocol

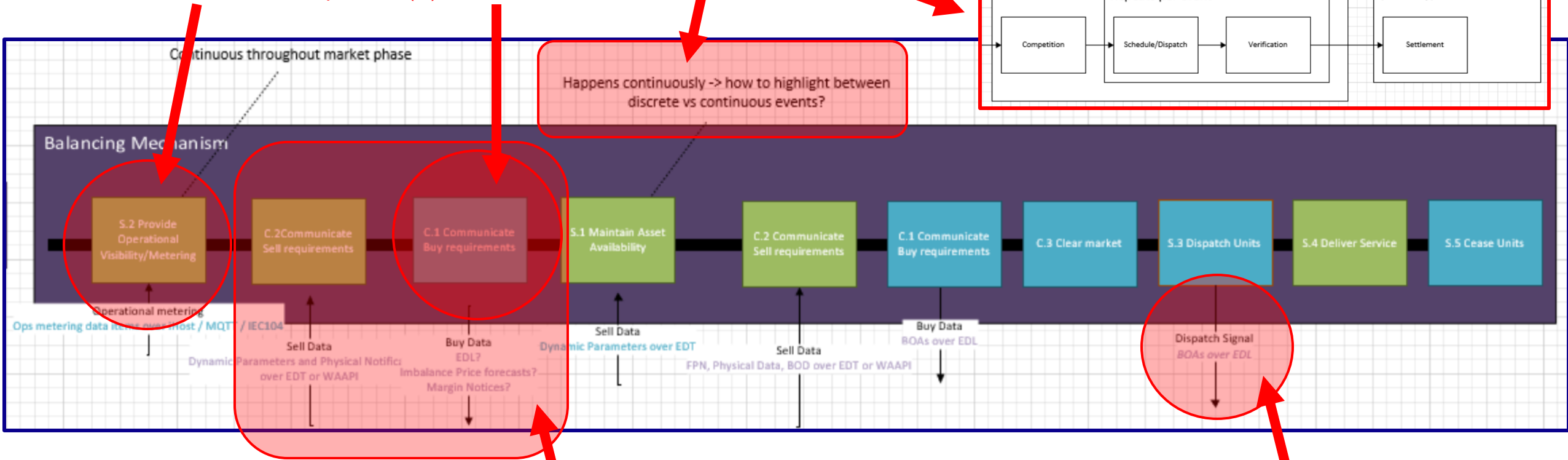
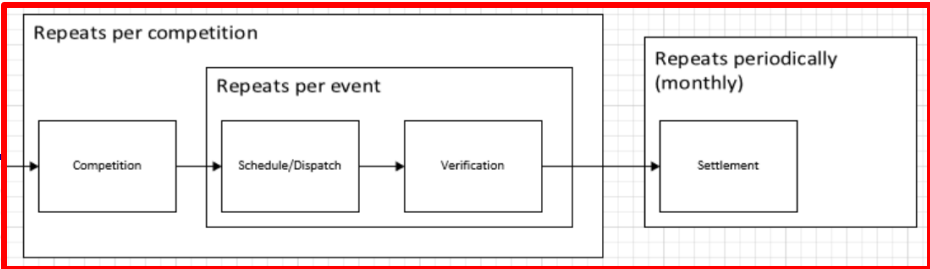
Example competition stage – sub-market (BM)



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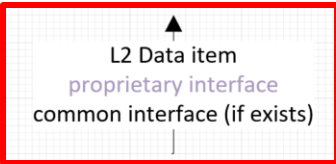
The sub-market process will utilise building blocks from the generic process e.g. Scheduling (S), Competition (C)

Notation could also visualise other characteristics, such as temporality (e.g. preconditions, loops / repeats)



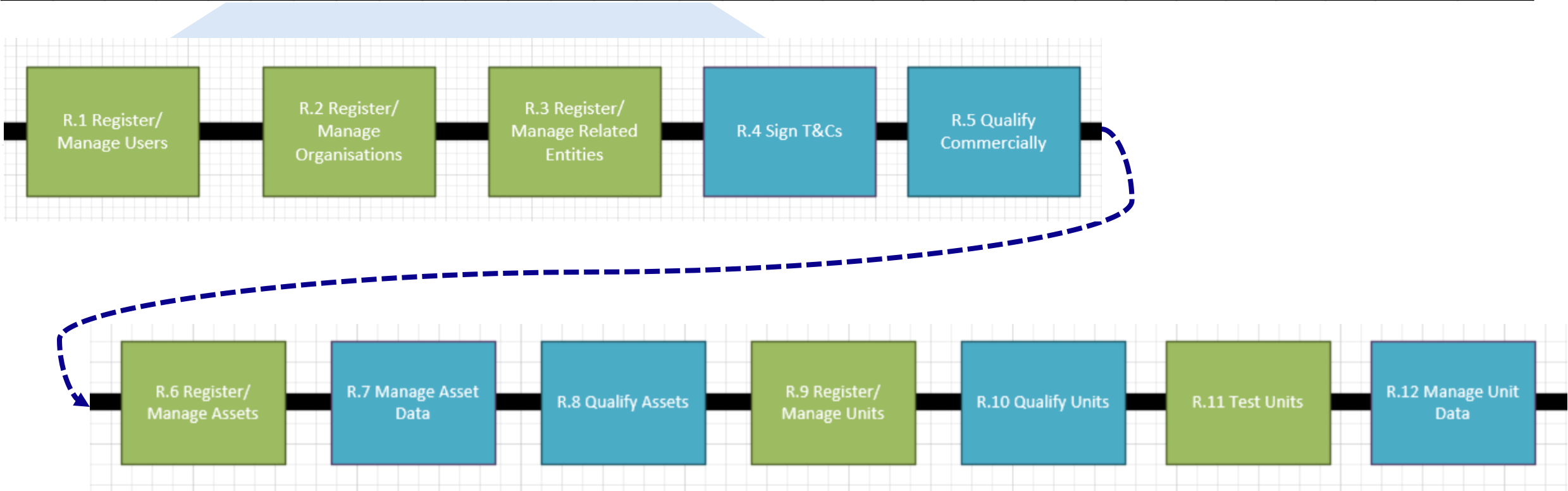
Mapping specific sub-markets will show unique attributes, e.g. for the BM, sell requirements are communicated before buy requirements (unlike many other sub-markets)

Notation should follow clear specified formats (e.g. legend, glossary)



Example registration stage - generic

Exploration				Registration												Competition				Scheduling					Verification				Settlement	
E.1	E.2	E.4	E.5	R. 1	R. 2	R. 3	R. 4	R. 5	R. 6	R. 7	R. 8	R. 9	R. 10	R. 11	R. 12	C. 1	C. 2	C. 3	C. 4	S.1	S.2	S.3	S.4	S.5	V.1	V.2	V.3	V.4	SE.1	SE.2



As we do our process mapping, we could begin to take a forward look at how these artefacts might evolve

To be accessible to a wide range of current and future actors and systems we need to ensure the artefacts are machine-readable in a repository that is easy to access.

The bilateral engagements will also be an opportunity to capture useful contextual detail about sub-market process activities and the participant-facing IT architecture underpinning the data exchange.

Through workstream engagements we will aim to converge on a shared understanding of concepts, including how they relate (e.g. RDF triples), across the SMEs across different sub-market processes.

05

Working Group discussion

Working group input – session #1 discussion points

1. Do stakeholders recognise the process stages?
2. Are the verb–noun process names intuitive?
3. Where does your team (or platform) interact most across these stages?
4. How do you imagine referencing it internally for documentation, system design, new-starter training etc.?

06

Next Steps

Next Steps

We aim to share the notes within 5WD.

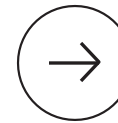
We will process the inputs from today's meeting

The next workgroup meeting is on 28 May 2025. We plan to play back learning from this meeting

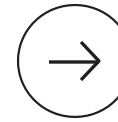
Phase	Task	Engagement required	Timing
Awareness and framing (Q2 2025)	Express need for shared process understanding and test clarity of framing.	1 workgroup meeting	May
	Validate the 20+ processes that define flexibility service delivery end-to-end	1 workgroup meeting, continuous discussion	May
	Identify engagement formats for artefacts and digital best practice for evolution of artefact format	Continuous discussion	May/June
Reflection and Testing (Q2-Q3)	Share sub-market synthesis from expert bilateral and use-case development	Multiple workgroup meeting	June/July
Formal process for Day 1 go-live	Input to Flexibility Market Rule consultation	Respond to consultation	Aug/Sept



Thank you



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[Market Facilitator Website](#)