

Challenge Group ENA Open Networks

12th September 2024

Agenda

1	13:30	13:35	5	Welcome - Hussein Osman - new Challenge Group Chair Apologies - Olly Frankland - Regen	HO
2	13:35	13:40	5	Recent industry developments	All
3	13:40	14:00	20	Dispatch API - Progress on Gate C	TM & JD
4	14:00	14:20	20	Primacy Rules - new scope and plan as kicked off with Baringa	LH & EK
5	14:20	14:45	25	Stackability - focus group feedback - demo of the tool - low hanging fruit - does everyone agree? - product retirement - agree on criteria?	WS & AH
6	14:45	14:55	10	Quick working group updates	AA
7	14:55	15:00	5	AOB	All

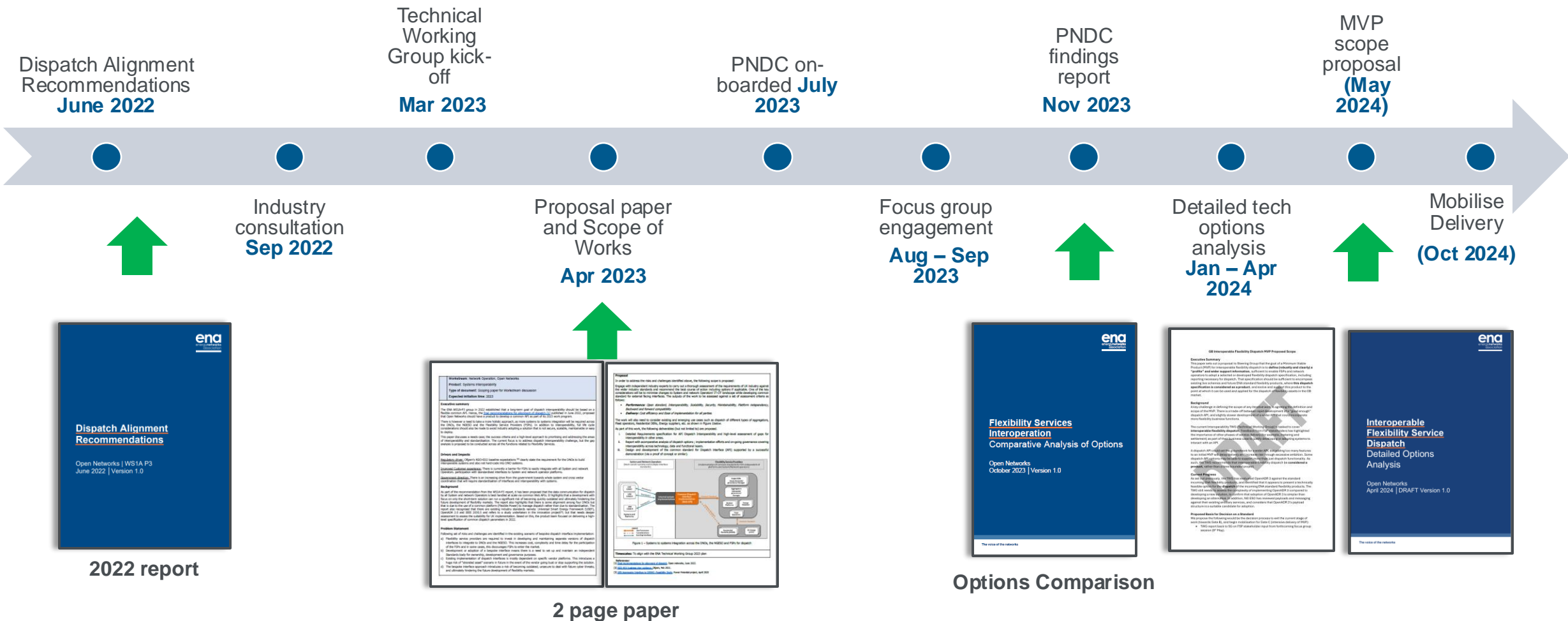
Recent Industry Developments

Dispatch API

Progress on Gate C

Tim Manandhar (UKPN) & Joe Davey (NG ED)

Journey so far



Status update for Dispatch interoperability

Gate	Description	Activities	Timeline/Status
Gate A	Shortlist Option	<ul style="list-style-type: none"> Re-assess options following Ofgem Steer Technical assessment of industry standards for Dispatch Engagement with Ofgem & BEIS (and Open ADR Team) 	(Feb - Mar 2024) Complete -Steering Group Approval to proceed to Gate B on TWG recommended option
Gate B	Derisk short proof of concept	<ul style="list-style-type: none"> FSP engagement- Validating understanding/priorities DNOS/ESO check suitability of OpenADR3.0 for dispatch of their services Design principles/MVP definition/Risks/Assumptions 	(Mar – May 2024) Approval to proceed to Gate C on TWG recommended option
<div>Current stage</div> Gate C	Draft Spec and MVP	<ul style="list-style-type: none"> Detailed delivery plan-Resource support Conversation with Ofgem and DESNZ on plan for Gate C and D Industry co-development <ul style="list-style-type: none"> Tech Architecture (e.g REST, etc.) Systems and Security Architecture API direction and push/poll approach agreed 	Jun – Mar 2025 (TBC) Finalising Delivery plan + identifying external support needed.
Gate D	Wide deployment	TBD	TBC

Delivery Approach

Initiation

- Governance Structure & Decision making
- Project Plan
- Budget
- Project Charter, Design principles & Success criteria
- RAID

Current stage

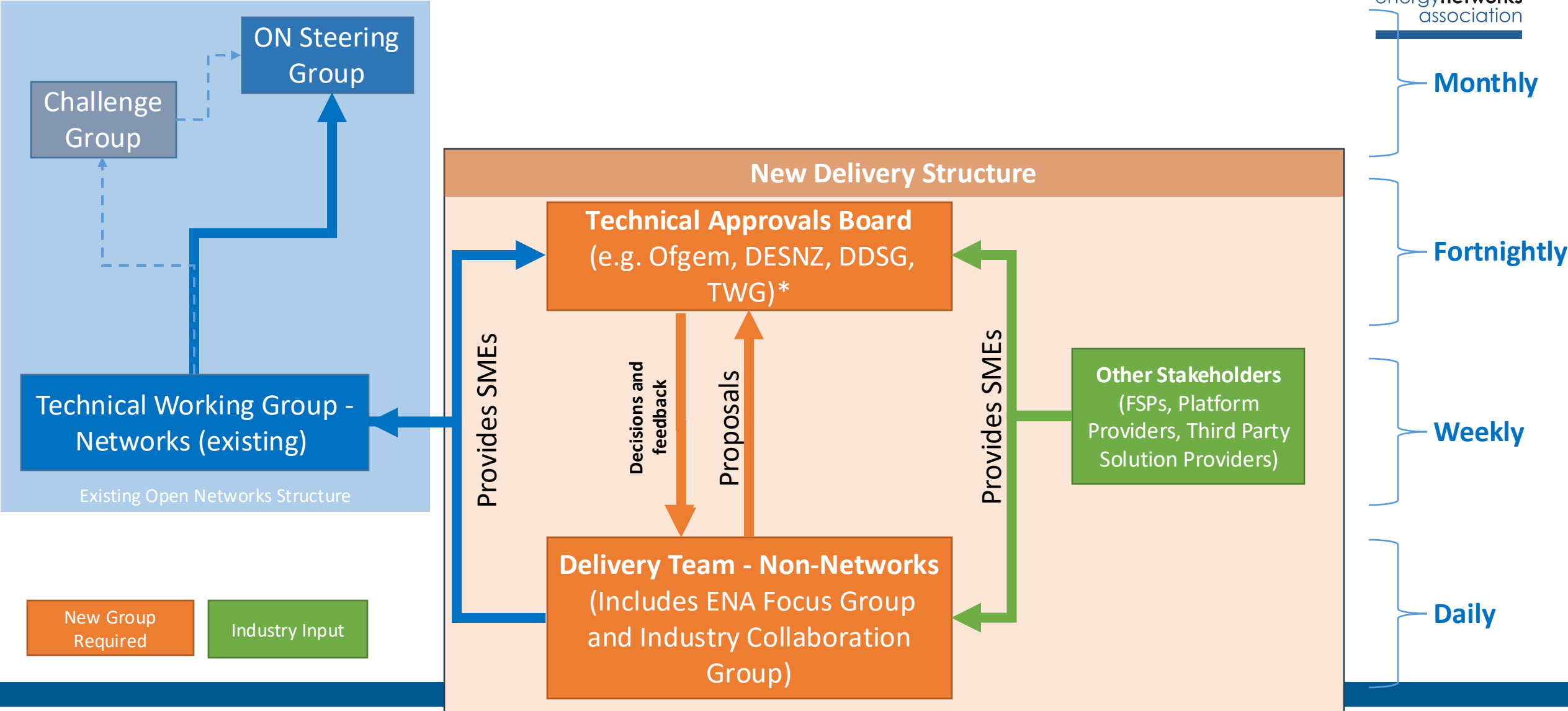
Mobilisation

- Procurement & Contracts – External delivery expertise
- Resource Plan
- Stakeholder Engagement Plan
- Action / Task Management (PMO)

Execution

- Delivery model - Agile and Waterfall
- Quality Management
- Communication Plan
- Deployment and Change Plan

Proposed Governance Structure



Role names & Descriptions

Network Companies Resources:

- Cyber Security
- Technical Architecture
- Power Systems
- Energy Markets

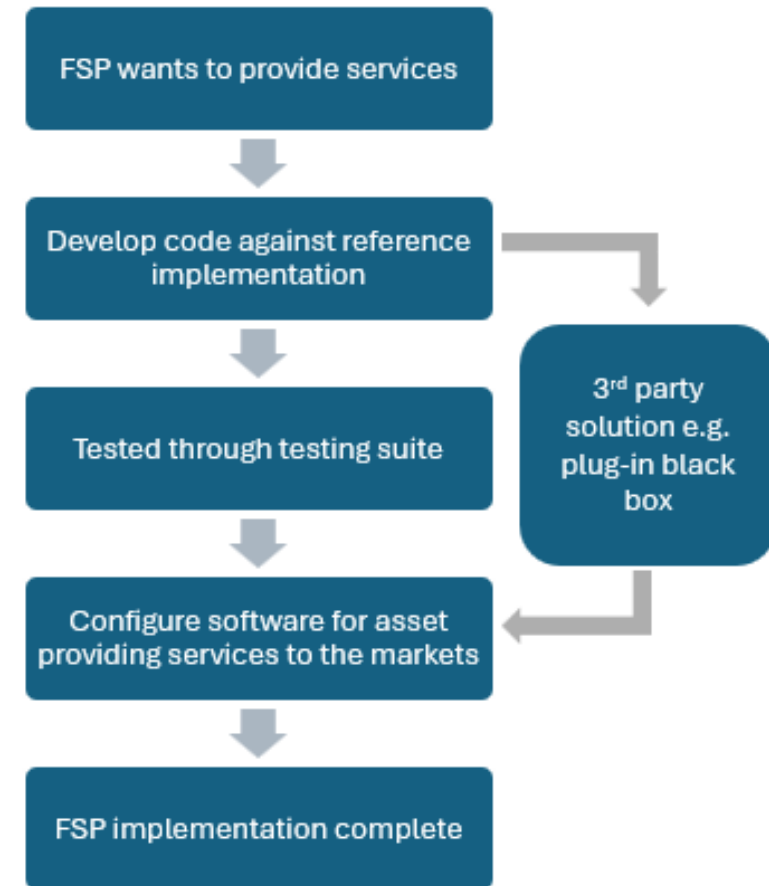
External Support:

- Technical Lead
- Project Manager (+BA, PMO)
- Stakeholder management Lead
- Product Manager /Lead
- Test and development resource (Build Reference implementation) **Required Budget TBC**

The outcomes and benefits of an Interoperable Dispatch API

- **FSP will be able to build one dispatch interface and use this to be able to integrate with the network**
- **Resulting in move services being available to the network as the barriers to entry will have been reduced, due to the reduced time and complexity for integration with the network**

FSP user experience:



Focus areas for delivery

- **3 separate work packages defined to deliver the standard**
 - Programme Management (Governance & Stakeholder Management)
 - Technical Delivery (Develop Standard & Reference Implementation)
 - Independent security (cyber) assurance

- **Collaborate FSPs & key Industry stakeholders to co-design and test the standard**

- **Support Industry implementation (Individual network company responsible)**

Primacy Rules

New scope & Baringa Kick Off

Luke Harker (NG ED) & Evangelos Karagiannis (UKPN)

Context

- **The Primacy TWG will be working with Baringa over the next 3-4 months to develop primacy rules for use cases involving ESO services that are available in the Single Markets Platform (SMP) and DSO services including Technical Limits.**
- **This will enable the TWG to focus on reviewing and implementing the proposed rules, thus speeding up progress.**

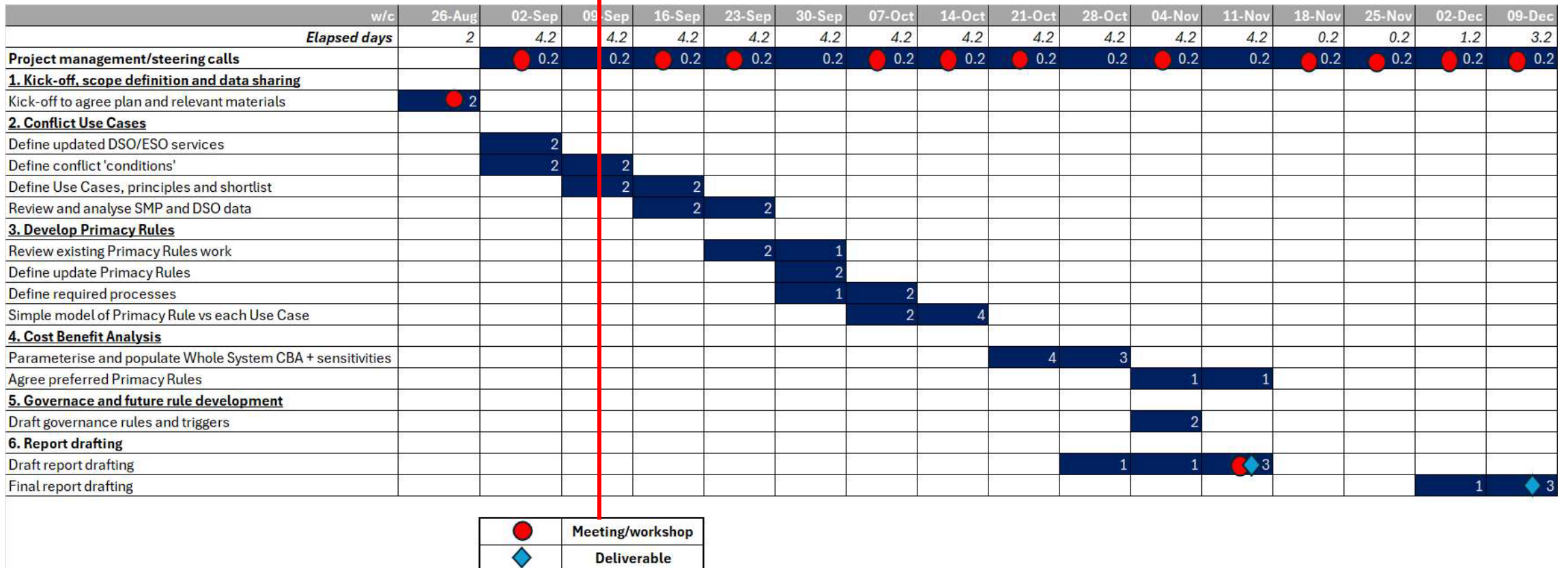
SoW Requirements (1/2)

1. Assess, and identify conflicts based on available data in the Single Market Platform (SMP) between transmission and distribution boundaries This involves developing use cases that outline the specific instances of conflict that arise in this context. Once these use cases are identified, they need to be further developed into primacy rules that provide guidelines and protocols for addressing and resolving these conflicts efficiently and effectively.
2. Review and conduct an analysis of the rules that could be applied to the technical limits scope of work; it would be necessary to refer to and build upon previous work carried out by the technical working group. By carefully examining the reports to gain an understanding of the rules that have been developed so far, identify the most applicable rules to the technical limits, and propose any new additional rules in relation to technical limits. This analysis will help assess the effectiveness, relevance, and compliance of these rules with industry standards and requirements. It is important to thoroughly review the report's findings and conclusions to provide a comprehensive analysis.

SoW Requirements (2/2)

3. After completing tasks 1 and 2, conduct a cost-benefit analysis for each individual rule in order to understand the benefits of each from a whole system perspective. This analysis involves evaluating the costs associated with implementing and enforcing each rule, as well as the potential benefits that can be derived from them. By weighing the costs against the benefits, determine the overall value and impact of each rule on the system as a whole. This analysis will provide valuable insights into the effectiveness and efficiency of each rule in contributing to the overall success of the system. We recommend the use of ENA's Whole system CBA tool, if appropriate. However, if deemed inappropriate an alternative method should be proposed.
4. Create a governance process for future rule development. This will enable ENA to ensure that new rules are created when required and when old ones are retired based on the system's needs and constraints, while also fostering transparency and accountability throughout the rule development and review process.

Timeline



Flexibility Products & Stackability

Will Seward (ESO) & Alex Howard (UKPN)

Focus group overview

20th August | 90 mins | Approx. 60 attendees | 3 feedback/discussion sessions

Content shared:

1. Introduction to the Flexibility Products & Stackability working group
2. Deep dives on three areas we've been progressing, with time for discussion and feedback.
3. Highlighting other actions we have in progress.

Revenue Stacking content sharing

An online page which hosts common information on revenue stacking, that is approved by all networks.

Revenue Stacking tool

A tool that hosts up to date information and data on revenue stacking use cases and presents it in an intuitive way.

Validating implicit revenue stacking

Detailed descriptions of high priority use cases that are currently identified as implicit in the recent [ENA revenue stacking publication](#).

Focus group feedback

General feedback

- Positive reception to the groups progress
- Highlighted our actions as mostly describing revenue stacking, rather than making changes that enable revenue stacking.
- Communication and content sharing must be simple, to be inclusive of all stakeholders.

Revenue Stacking content sharing

Generally positive
 Suggestions:

- Agree governance for updating content regularly.
- Simple as possible, for all stakeholders.
- Include a description of the level of revenue stacking analysis done. i.e., comparing market rules and structures, and not specific technology capabilities.

Revenue Stacking tool

Generally positive
 Suggestions:

- Add direction of delivery, time period concomitance, how imbalance costs will be dealt with for a flex provider offering a service at DSO level.
- Include info on each service in this tool – suggest links to service info online.
- Include a tab that specifies what isn't included in these tables.

Validating implicit revenue stacking

Generally positive
 Suggestions:

- Keep the descriptions as simple as possible.

Addressing barriers to revenue stacking ESO & DSO services

The groups focus has been on **short-term actions** we can implement by the end of 2024. Below are the current list of priorities with a status update.

	Category	Action	Status
1	New	Align with Primacy group	Building closer working relationships with the Primacy group
2	Communication	Revenue Stacking Tool	Demo Tool created. Version two, addressing focus group comments is in progress.
3	Communication	Revenue Stacking FAQs	List of questions with draft answers. A full working group review is required. Also integrating Focus Group questions.
4	Communication	Revenue Stacking online content	Full draft complete, working group review required.
5	Communication (New)	Technical Requirements doc – summarising different services	In progress, requires input from all member DNOs.
6	Communication (New)	List of barriers & dependencies, with indicative timeline.	In progress
7	Communication (New)	Co-delivery: (1) consensus on definition, (2) consensus on current permissibility, and (3) ideal end-state.	Not started
8	Design intervention	Design guidelines for revenue stacking (Previously: Revenue stacking assessment)	Initial ideas created
9	Communication	Validating implicit revenue stacking	Use cases prioritised, requires investigation.

Revenue Stacking tool demo

Live demonstration of revenue stacking tool

Seeking feedback

- Do you support development and improvement of the revenue stacking tool?
- What information would you like to see in this tool?

Retiring standard flex products

One of our deliverables was to create a “Process for reviewing flexibility products”, aiming to retire services where possible. Rather than designing a review process, the group proposed services to retire and have been collaborating on the feasibility of these suggestions.

Services		Comments
PR		General support for retiring this service, but discussion is ongoing regarding feasibility.
SU	Settlement periods	
	Blocks	Consensus on retiring this service, using settlement periods instead.
OU	2 mins	
	15 mins	
	Week Ahead	Consensus on retiring this service.
SA+OU	2 mins	Consensus on retiring the short term services for now. With scope to bring back if required.
	Day ahead	
VA+OU	2 mins	Consensus on retiring the short term services for now. With scope to bring back if required.
	15 mins	Consensus on retiring the short term services for now. With scope to bring back if required.
	Day ahead	
	Week ahead	

Key	
	Retaining service
	Discussing retirement of this service
	Consensus on retirement

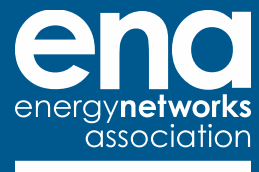
Seeking feedback

- Do you support the retirement of these services, to simplify the DNO standard flexibility products?
- How might this impact your participation in DNO stand?

Working Group Updates

Avi Aithal (ENA)

AOB



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