

Open Networks Programme

2022 Scope Consultation & Call for Participation in Challenge Group
webinar

2nd November 2021



Thank you for joining this Open Networks webinar.

- This webinar will commence at **14:00**.
- If you are unable to play the audio through your device, you can **dial in by calling +44 20 3855 5885 and using access code 282521880#**
- All microphones have been set to mute to avoid background noise.
- Please ask questions or make comments **via the chat function** throughout the meeting.
- Please note that the webinar will be recorded and made publicly available on ENA's YouTube channel. Please do not turn your video on if you don't want your likeness to be recorded and shared.
- If you would like to receive further information about the Open Networks Project or have any feedback you would like to submit, please get in touch with us at opennetworks@energynetworks.org.

Agenda

Item	Start	Finish	Time	Item	Presenter
1	14:00	14:05	5	Welcome and Overview of Open Networks Programme	Sotiris Georgiopoulos (SG Chair - UKPN)
2	14:05	14:15	10	Challenge Group & 2022 high-level scope	Farina Farrier (Head of ON project - ENA)
				Workstream Overviews	Workstream Chairs
3	14:15	14:30	15	WS1A Flexibility Services	Ben Godfrey (WPD)
4	14:30	14:45	15	WS1B Transmission-Distribution planning	Ian Povey (ENWL)
5	14:45	14:55	10	WS2 Connections & Information Provision	Jim Cardwell (NPG)
6	14:55	15:05	10	WS3 DSO Transition	Steve Atkins (SSEN)
7	15:05	15:20	15	WS4 Whole Energy Systems	Andy Wainwright (NG ESO)
8	15:20	15:25	5	WS5 - Communications and Stakeholder Management • 5th year celebrations	Emily Jones (ON Communications Lead - ENA)
9	15:25	15:30	5	Wrap Up	Sotiris Georgiopoulos (SG Chair - UKPN)

We will be taking questions throughout the session and we encourage you to ask your questions via the chat function.

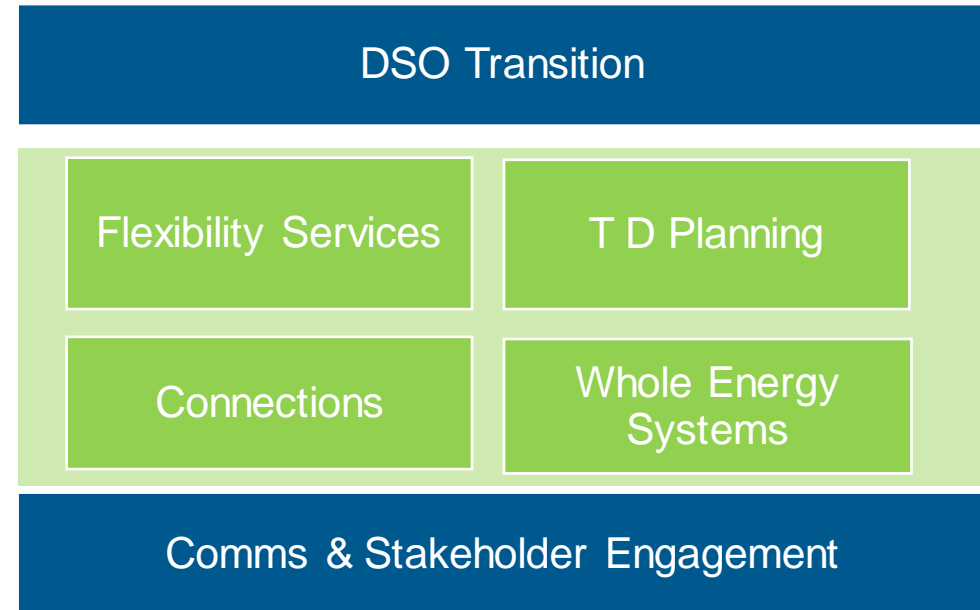
Open Networks Programme

ENA's Open Networks programme is a major industry initiative that is leading the transition to a smart and flexible energy system that will enable Net Zero.

Open Networks is delivering a Smart Grid by:

- ✓ [Opening local flexibility markets](#) to demand response and renewable energy
- ✓ Helping customers [connect faster](#)
- ✓ [Opening data](#) to enable customers identify best locations to invest
- ✓ [Delivering efficiencies](#) between network companies to operate secure and efficient networks

Areas of focus



Open Networks Approach



2022 Scope & Challenge Group

2022 is another important year for the Open Networks programme as we ramp-up our efforts to enable Net Zero. Delivering this change in collaboration with the industry will be more important than ever and therefore, we are revising our governance to enable greater collaboration with the industry.

With this in mind, we have launched the following that will be open until **16th November.**

2022 High-Level Scope Consultation

In response to stakeholder feedback, we have brought forward our scope development process and are consulting on our high-level scope for next year to get early input from the industry on our work.

We welcome all feedback from stakeholders on our proposed work for 2022. We will use this to shape the final Programme Initiation Document that we will launch in Jan 2022.

- [Consultation on high-level scope for 2022](#)

Call for participation in Challenge Group

We are setting up a Challenge Group to give stakeholders a greater voice in the programme with a focus on challenging and shaping the work of the Open Network programme.

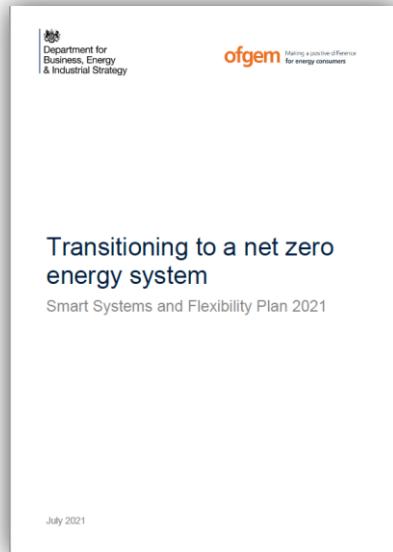
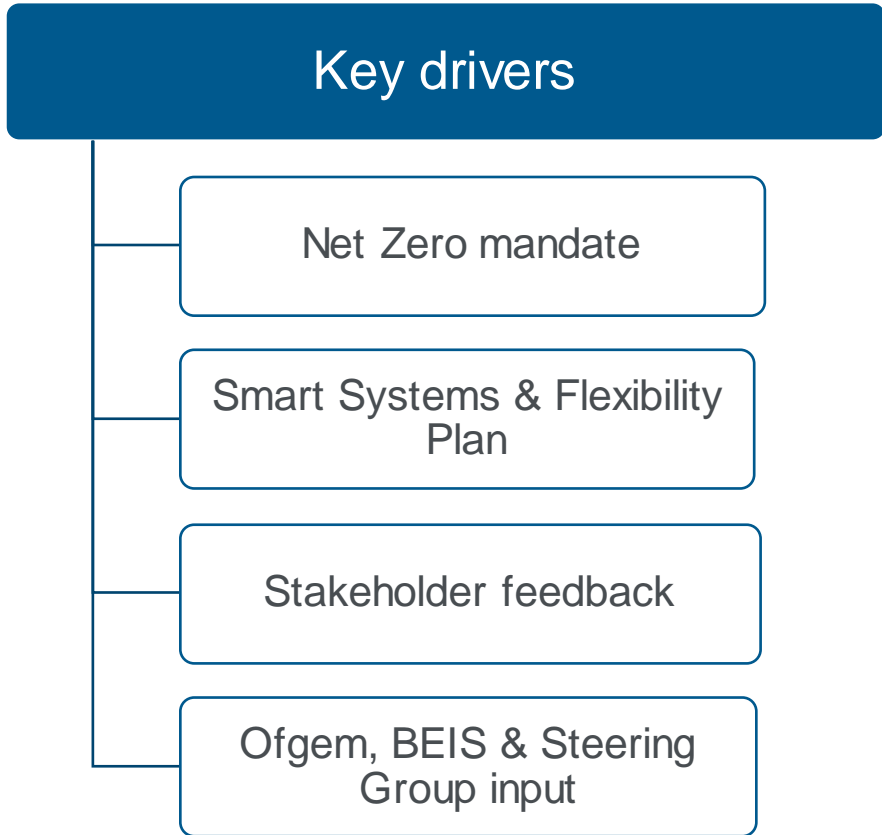
A call for participation is currently open and we are welcoming applications from interested industry stakeholders.

- [Terms of Reference for Challenge Group](#)
- [Application form to join as Members](#)
- [Invitation to apply for Independent Chair](#)

Challenge Group

Open Governance

As part of the scope for 2021, Open Networks (ON) has explored ways to work more collaboratively with the industry to deliver change proposals.



“We believe that Open Networks can do even more to engage and collaborate with non-network operators to deliver commercial and technical solutions to many of the problems being addressed by the Open Networks Project. We would like to see Open Networks work more with flexibility providers...”

*E.ON
2021 PID Consultation feedback*

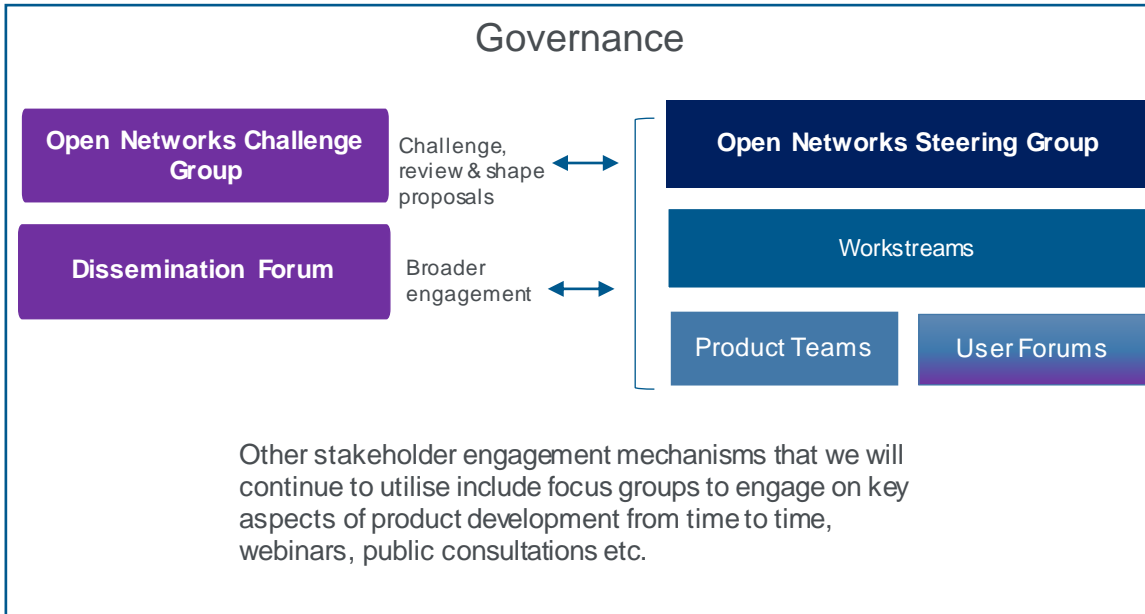
“Future plans to ongoing product governance should aim to facilitate change with industry involvement, drawing on stakeholders’ expertise across the industry.”

*Renewable UK
2021 PID Consultation feedback*

Open Networks Challenge Group

- The Challenge Group is being setup for 2022 that gives interested stakeholders a bigger voice in the programme and the opportunity to shape the direction of the programme, its priorities and the outcomes that it delivers through providing a more formal challenge function on behalf of the industry.
 - ✓ **Shape priorities and work plan**
 - ✓ **Review and shape key programme proposals**
 - ✓ **Provide challenge on progress**
 - ✓ **Facilitate stakeholder engagement within their areas as required**
- Given the programme's mandate to deliver a common framework for flexibility by 2023, we anticipate that the interest and focus of this group will be on topics that relate to flexibility, but we will welcome and consider other topics as necessary.
- The Challenge Group will be chaired by an independent representative that would also represent this group at the Steering Group.
- The Challenge Group is currently being setup via an open call for nominations and will kick off in Jan 2022 and will meet every 2 months thereafter.

Open Networks Challenge Group



ENA is setting up this Challenge Group with up to 19 non-network industry representatives with the allocations per stakeholder group below.

Stakeholder Group		Number of seats
Flexibility providers	Generator	8*
	Demand customer	
	Storage	
	Aggregator	
	Large supplier	
	Small supplier	
	Trade or representative body with an interest in flexibility	
Supply chain and smart solutions		1
Platform provider		1
Settlement agent		1
Community, local energy and local authorities		2
Data		1
Academia		1
Code Manager		1
Regulator		1
Government		1
Consumer Protection Party		1
TOTAL		19

Timeline and 2022 Scope Consultation

Oct	Nov	Dec	Jan 2022
Setup Challenge Group			
Call to industry to join Challenge Group	Review nominations, finalise and notify representatives		Kick off ON Challenge Group & programme of work
2022 Scope Development			
Consultation on High-Level scope for 2022	Review feedback and finalise Programme Initiation Document (PID) using stakeholder input*		Launch work plan and commence work

Listening to stakeholder feedback, we have brought our 2022 scope development activity forward this year to give the industry the opportunity to provide early input and are consulting on our high-level scope for 2022.

We welcome all feedback from stakeholders to help shape our work plan for next year.

2022 High-Level Scope

Flexibility Services – Product Areas

Supporting delivery of actions from **Smart Systems & Flexibility Plan**, with a focus on helping to deliver a common framework for flexibility by 2023.

Facilitating the development of local flexibility markets through more **standardisation** (across DNOs and with the ESO), **simplification**, and **transparency** in decision-making.

Overarching Common Framework for Flexibility Services (P0)

Integrate the various aspects of flexibility into a coherent framework. Additionally, set out a clear strategic view of further development required to mature processes across key aspects of flexibility (e.g. real time procurement, interoperability across platforms etc.).

Common Evaluation Methodology (P1)

Further enhancements, including consultation and incorporation of option value.

Consultation in Q1 2022

Procurement Process (P2)

Map out move to real time procurement, standard approach to pre-qualification, taking forward 2021 recommendations for greater visibility of requirements.

Standard Agreement (P4)

Further improvements incl. alignment of schedules, inclusion of additional products and consideration of tripartite agreements

Dispatch interoperability & Settlement (P3)

Review of interoperability of systems across DSO and ESO. Review approach to Settlement across DSO services.

Primacy Rules for Service Conflicts (P5)

Coordination and co-optimisation of flexibility services across DNOs and ESO.

Carbon Reporting (P7)

Develop carbon reporting and forecasting methods for flexibility services

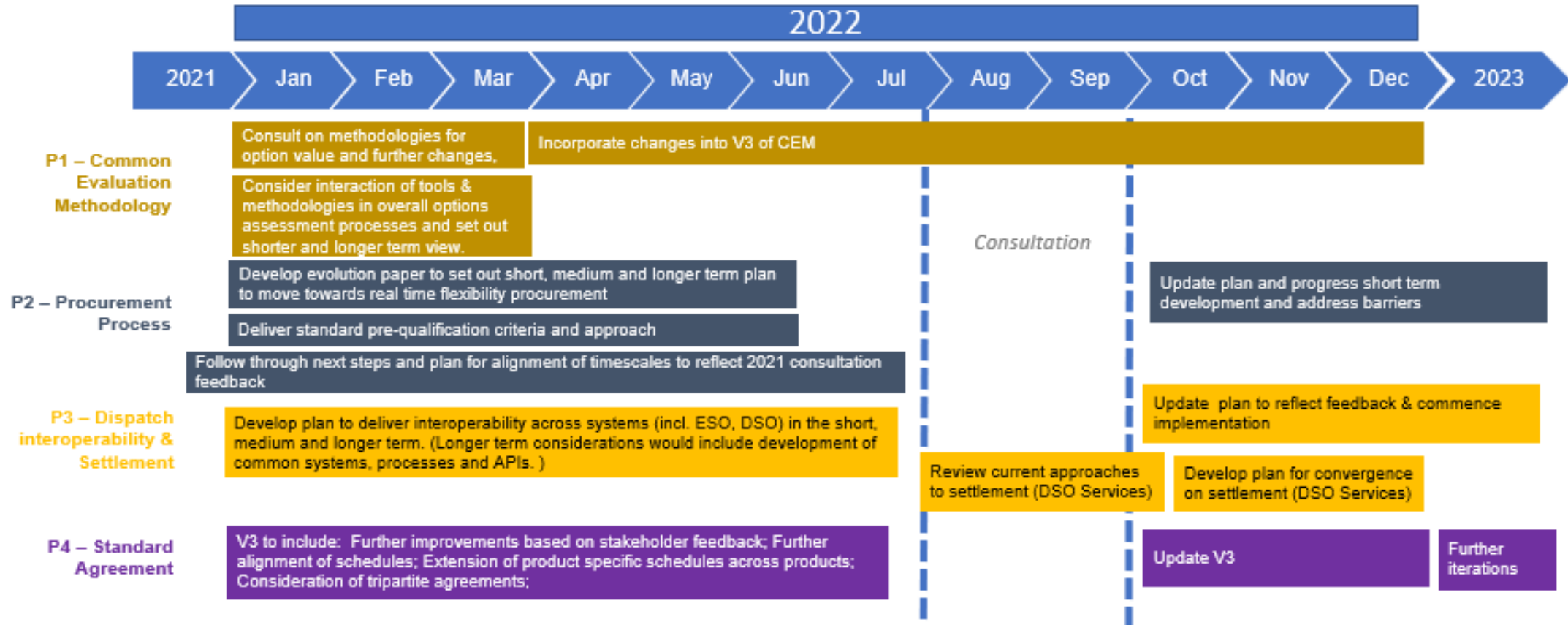
Curtailment information (P9)

Improve information to enable participation in flexibility markets

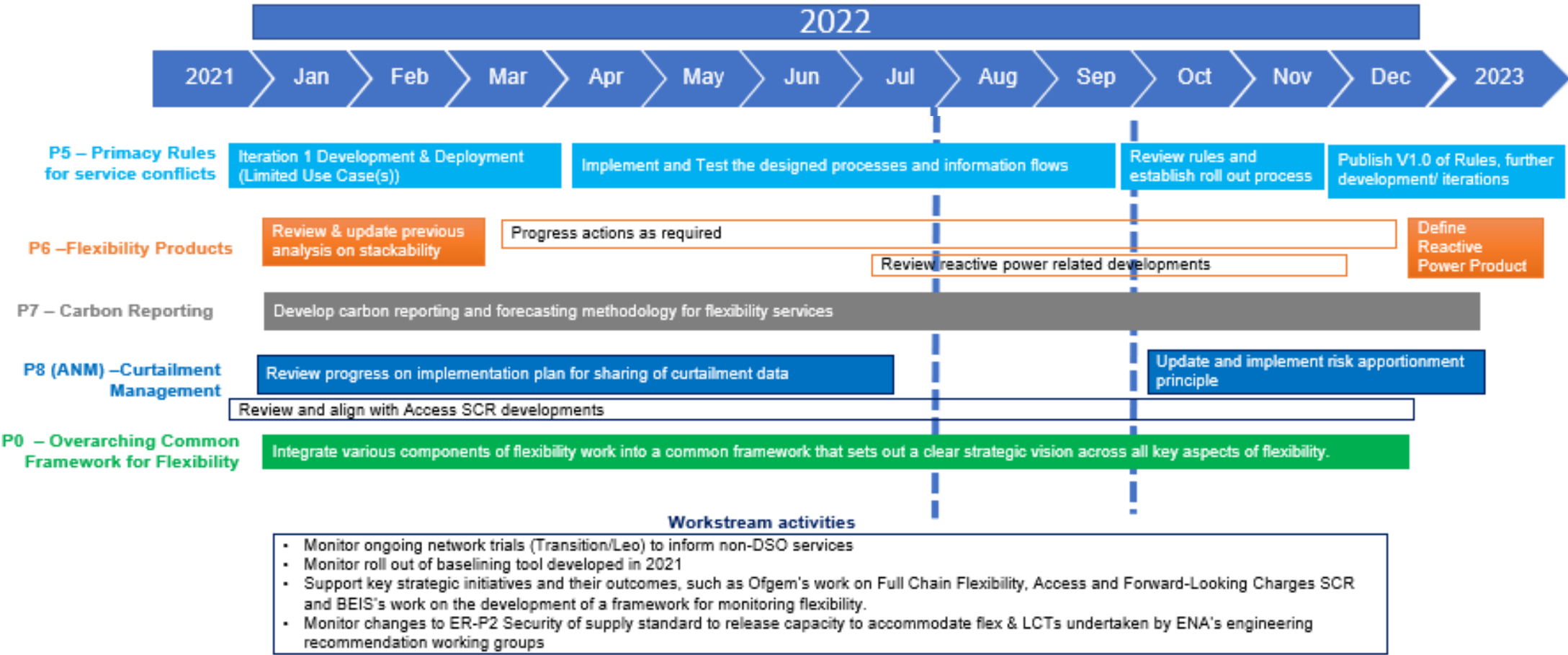
Workstream support to monitor roll out of baselining methodologies, monitor industry trials to inform non-DSO services, support key strategic initiatives such as Full Chain Flexibility, Access and Forward Looking Charges SCR as required.

Consultation on all work in Jul 2022

Flexibility Services – Activities & Timelines



Flexibility Services – Activities & Timelines



Transmission-Distribution planning – Product Areas

Focused on improving interactions and co-ordination between electricity transmission and distribution taking a whole electricity system approach across planning and forecasting functions.

Supporting reporting against licence conditions that relate to planning and coordination.

Future Energy Scenarios (P2)

Further alignment between Future Energy Scenarios (FES) and Distribution Future Energy Scenarios (DFES). Further development of Best View Scenario.

Operational DER visibility and monitoring (P6)

Recommendation and implementation plan for gaining visibility of DER.

Operational Data Sharing (P7)

Mechanism of sharing real-time, operational and forecasting data between ESO and DSO

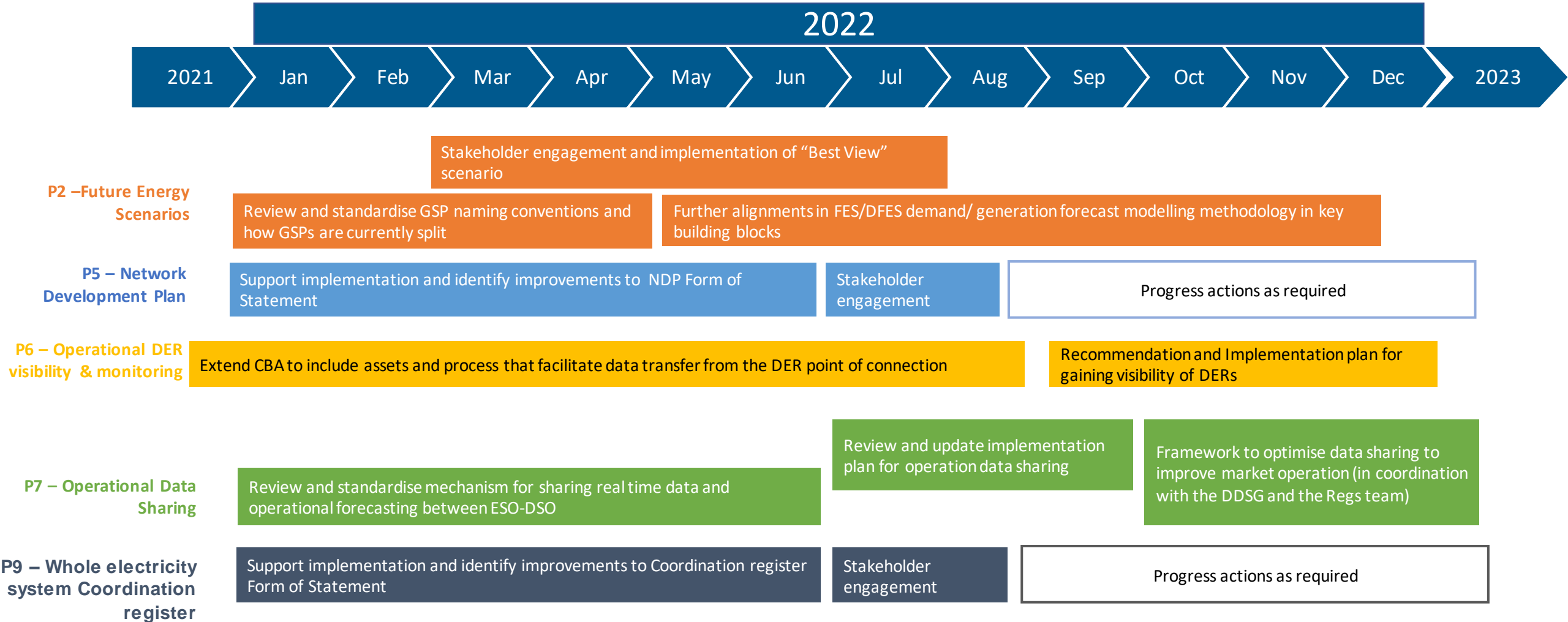
Network Development Process (P5)

Review and update to Network Development Plan-Form of Statement

Whole Electricity System Coordination Register (P9)

Review and update to Whole Electricity System Coordination Register- Form of Statement

Transmission-Distribution planning – Activities & timelines



Connections & Information Provision – Product Areas

- Focused on visibility of data and process improvements through the application, connection and operations processes.

Embedded Capacity Register (P1)

Further development and digitalisation of the Embedded Capacity Register (working in collaboration with Data and Digitalisation Steering Group)

Connection Agreement Review (P4)

Progress 2021 recommendations

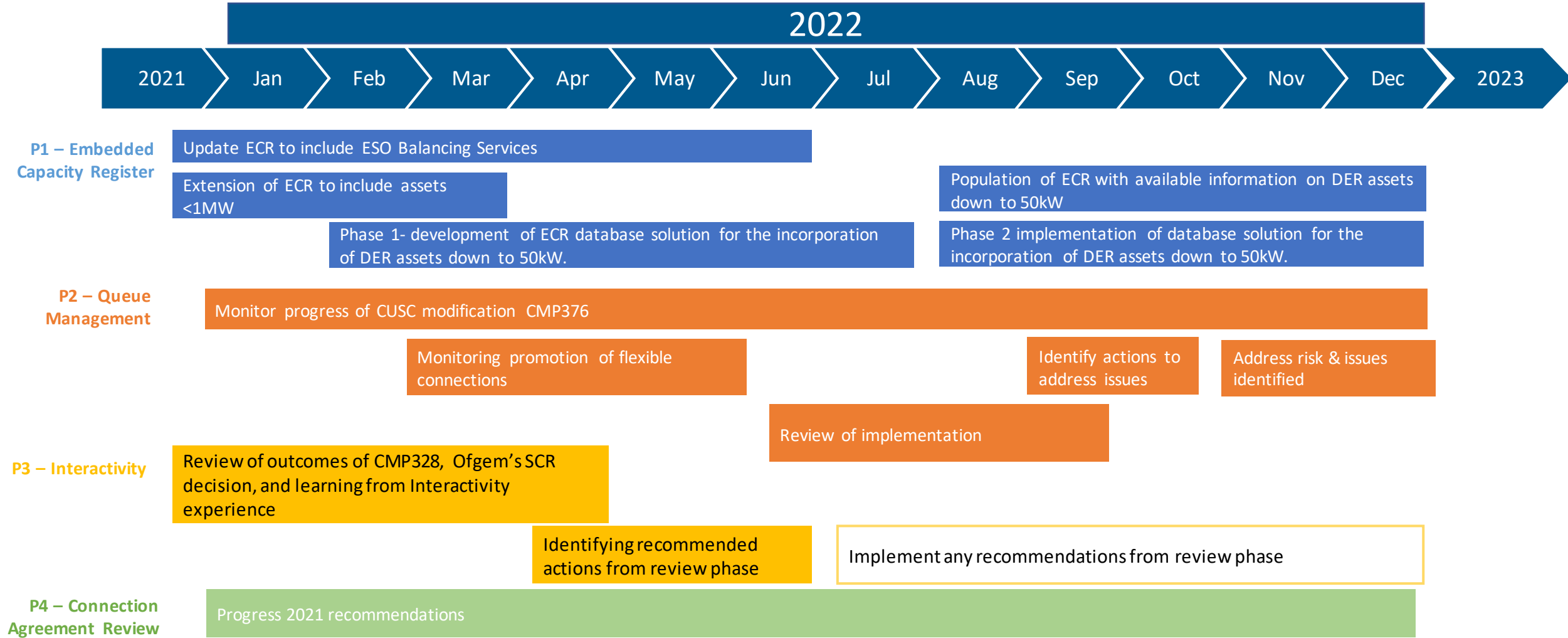
Queue Management (P2)

Monitor implementation of milestones.

Interactivity (P3)

Review code modification and Ofgem's Access & Forward Looking Charges Significant Code Review decision

Connections & Information Provision – Activities & timelines



DSO Transition – Product Areas

- Fulfilling an overarching role to monitor and steer Distribution system operation (DSO) developments across all workstreams.

DSO Roadmap (P1)

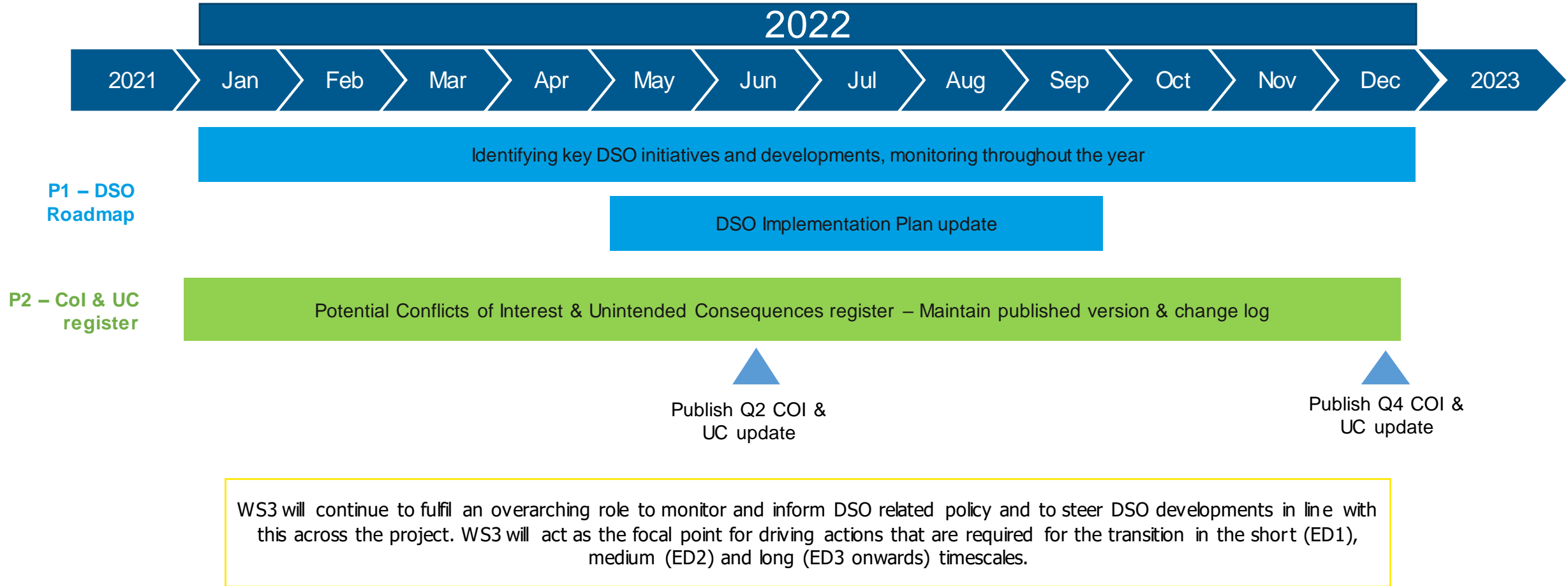
Identifying and tracking against key DSO initiatives and developments in the DSO transition.

Conflicts of Interest & Unintended Consequences (Col & UC) register (P2)

Capturing and investigate potential Col and UC raised by stakeholders, along with identifying appropriate mitigation measures, and monitor their progress to provide visibility to industry.

DSO Transition will continue to take responsibility for horizon scanning possible impacts on the direction of travel for DSO. In light of major developments such as Access and Forward-Looking charges SCR and Energy Future System Operator, and the submission of DNO ED2 business plans, the need for further development within Open Networks will be considered.

DSO Transition – Activities & timelines



Whole Energy Systems – Product Areas

Facilitating more **cost-effective network investment and operations** across the whole energy system (electricity and gas) through **delivering tangible improvements** to existing processes through **more coordinated approaches and knowledge sharing**.

Proactively support and inform the development of a national framework and associated policies for **local area energy planning** from a networks perspective.

Whole Systems CBA (P1)

Monitoring & supporting CBA use and explore opportunities for co-ordination with the CEM tool.

Coordinated Gathering of Regional Data (P3)

Monitor and support trials of the longer-term local authority led approach identified in 2021.

Local Whole System Optioneering Service (P4)

Further develop service providing coordinated electricity and gas networks input to inform Local Authorities' development plans using a go/no go approach.

Shaping Local Area Energy Planning (P5)

Shaping network input into BEIS, Ofgem, and ESC work on Local Area Energy Mapping and Planning

Monitoring of Innovation Projects (P0)

Consolidating and disseminating outcomes and learnings from innovation trails across the industry, deriving greater value from trails.

Whole Energy Systems – Activities & timelines



Comms & stakeholder engagement

Objectives

- Effectively deliver our key messages to stakeholders through targeted and general messaging.
- Publicise the outputs from Open Networks and their contribution to the outcomes in the key messages.
- Provide customers and interested stakeholders with the opportunity to engage with our development work and better understand our output.
- Reach the breadth of stakeholders we want to engage (including parliamentarians and policy-makers, industry parties and community energy participants).

Main Activities

Product	Timeline/frequency
Five years of Open Networks celebrations – events and campaigns	Throughout the year
ENA sponsored Westminster private dinners	Annually
ENA sponsored panel events (virtual and in-person)	Up to three a year
Webinars to provide opportunities for the wider stakeholder community to feed into appropriate Open Networks consultations and products	In line with Workstream consultations and product timelines
Online media-buying (advertising) to promote Open Networks events, webinars & consultations on key websites (e.g. trade press)	Co-ordinated around key announcements
Social media collateral (animations, infographics) to promote Open Networks	Twice a year
Communications and engagement strategy development	Annual
Local authority and Community Energy Events: Location costs, article, promotion	Three per year

Q&A

How to get involved

If you are interested in learning more about any of the below please contact opennetworks@energynetworks.org.

Becoming a Challenge Group
representative
(Closes 16 Nov)

Applying for the Challenge
Group Independent Chair role
(Closes 16 Nov)

Responding to the 2022 high-
level scope document
consultation
(Closes 16 Nov)

Or click [here](#) to join our mailing list



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