



**MHHS
PROGRAMME**

Industry-led, Elexon facilitated

Cross Code Advisory Group #4

23 March 2022

Version 1.0

MHHS DEL296

Agenda

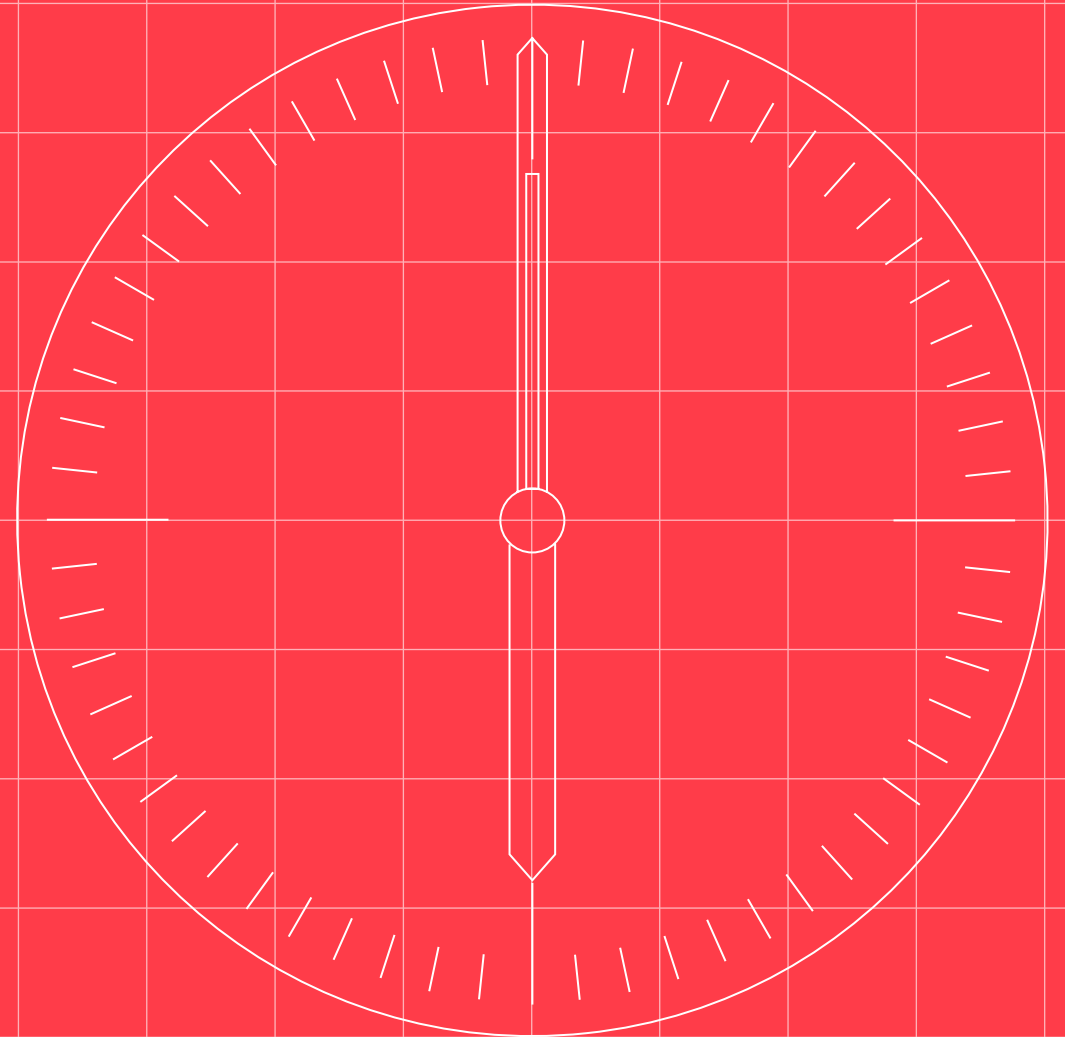
#	Item	Objective	Type	Lead	Time	Page
1	Welcome			Chair	10:00-10:05 <i>5 mins</i>	
2	Minutes and Actions	Approval of minutes of previous meeting and review of outstanding actions	Decision	Chair & Secretariat	10:05-10:10 <i>10 mins</i>	3-5
3	Governance groups updates	Relevant updates from other MHHS Programme L2-3 governance groups	Information	Programme (PMO)	10:10-10:15 <i>5 mins</i>	6-7
4	Horizon scanning log	Consideration of new and existing code changes relevant to the MHHS Programme	Discussion	Programme (Andrew Margan)	10:15-10:30 <i>15 mins</i>	8-9
5	SMAP Clarifications	Updates on the prospective operation of Smart Meters Act Powers	Information	Ofgem (Andy MacFaul)	10:30-10:45 <i>15 mins</i>	10-12
6	CCAG Change Request for M6 and M7	<ul style="list-style-type: none"> Review action taken since last CCAG and the output proposed plan for code draft milestones Agree to raise a Change Request for M6 and M7 	Discussion Decision	Programme (Martin Cranfield)	10:45-11:30 <i>45 mins</i>	13-22
7	Code draft resource planning	Information for code bodies on likely resource requirements of code drafting	Information	Programme (Andrew Margan)	11:30-11:45 <i>15 mins</i>	23-24
8	Operational Choreography	Verbal update from programme Design Team on action CCAG03-01	Information	Programme (Design Team)	11:45-11:55 <i>10 mins</i>	25-26
9	Summary and next steps	Summarise meeting actions and next steps	Information	Chair & Secretariat	11:55-12:00 <i>5 mins</i>	27-29
	Appendix					
	Appendix 1 - Additional content to support M6 and M7 Change Request		n/a	n/a	n/a	30-31
	Appendix 2 - Code body feedback on M6 and M8 from CCAG 26/01					

Minutes and Actions

DECISION: Approval of minutes of previous meeting and review of outstanding actions

Chair & Secretariat

10 mins



Minutes and Actions Review (1 of 2)

- Approval of Minutes from [23 February 2022](#)
- Open actions and actions from last CCAG:

Ref	Action	Owner	Due date	Update
CCAG02-07	Engage with code bodies offline on how information on identified consequential changes will be shared with this group	Andrew Margan	23/02/2022	ONGOING: Discussions in progress.
CCAG03-01	Provide detail on Operational Choreography design artefact content and SLAs (such as when further detail on timing and performance behind each design artefact will be provided to CCAG)	Programme (Justin Andrews)	23/03/22	RECOMMEND CLOSED: Information provided by programme Design Team. To be discussed under agenda item 8.
CCAG03-02	Present the seven steps for code drafting and code approval at next CCAG for discussion, as raised by AMF	Ofgem (Andy MacFaul), Programme (Andrew Margan)	23/03/22	RECOMMEND CLOSED: Information provided by Ofgem. To be discussed under agenda item 6.
CCAG03-03	Update on the parliamentary approval process for SMAP e.g. lead times and if the process can work during parliamentary recess	Ofgem (Andy MacFaul)	23/03/22	RECOMMEND CLOSED: Update provided by Ofgem. To be discussed under agenda item 5.
CCAG03-04	Provide feedback on how CCAG would make code change recommendations to Ofgem, and how Ofgem designating changes would work in practice	Code bodies	16/03/22	ONGOING: No feedback received to date. To be discussed in meeting.
CCAG03-05	Update at next meeting how consequential changes are captured in SMAP	Ofgem (Andy MacFaul)	23/03/22	RECOMMEND CLOSED: To be discussed under agenda item 5
CCAG03-06	Clarify with PMO who would own the Change Request for M6	Programme (Jason Brogden /PMO)	23/03/22	RECOMMEND CLOSED: A programme party will be required to raise Change Request. BSC have agreed in principle to act as proposer. To be discussed under agenda item 6.
CCAG03-07	Raise at the Testing Advisory Group (TAG) whether qualification will be tested against code drafting or design baseline	Chris Welby	23/03/22	RECOMMEND CLOSED: TAG have clarified testing will be against the design as the programme is design led. This prevents delays in testing as the programme waits for code drafting to be completed.

Minutes and Actions Review (1 of 2)

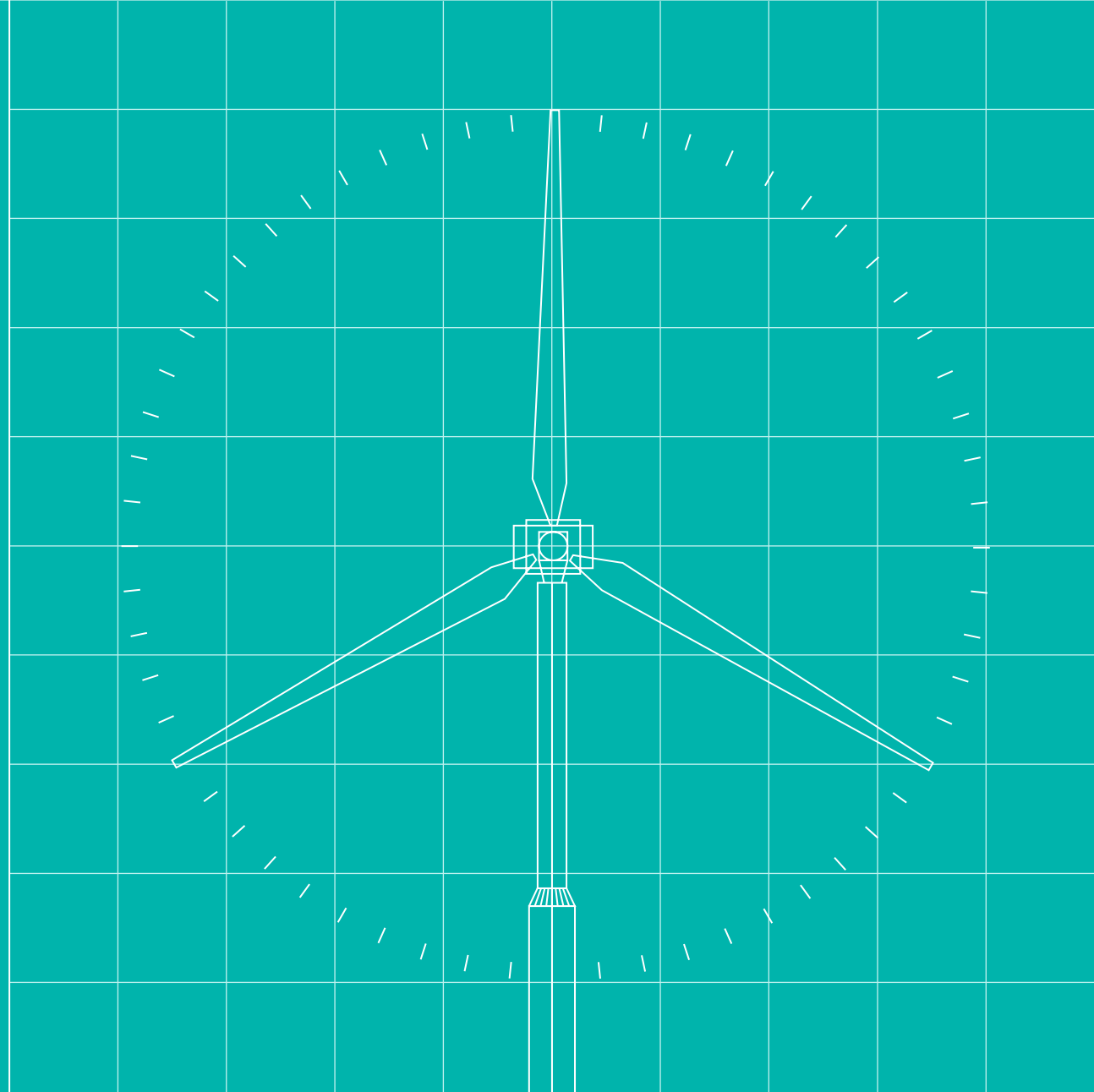
Ref	Action	Owner	Due date	Update
CCAG03-08	Ensure the dependency between qualification and code drafting is captured in the Programme RAID Framework	Programme (PMO)	23/03/22	RECOMMEND CLOSED: Dependency submitted to the RAID Management Framework.
CCAG03-09	Escalate to PSG that M6 will need to change via a Change Request	Chris Welby	02/03/22	RECOMMEND CLOSED: Raised by the Programme and suppliers in PSG 02 March 2022. CR to be raised and plan to be discussed under agenda item 6.
CCAG03-10	Add code body assumptions presented at CCAG to the RAID Framework, with updates as per CCAG discussion	Programme (PMO)	23/03/22	RECOMMEND CLOSED: Assumptions shared with RAID manager and reviewed, several clarifications required and RAID manager will contact individual code representatives directly where required.
CCAG03-11	Provide rewording of DCUSA/A1 assumption	DCUSA (John Lawton)	02/03/22	RECOMMEND CLOSED: Update received and RAID manager updated.
CCAG03-12	Provide details of REC Modifications R15 and R32 to the PMO to update in the CCAG Horizon Scanning Log	REC (Ann Perry)	23/03/22	RECOMMEND CLOSED: Update provided by REC and Horizon Scanning Log updated. To be discussed under agenda item 4.
CCAG03-13	Review contents of the CACoP Central Modifications Register and share any code modifications currently missing from MHHS Horizon Scanning Log with the PMO	Code bodies	23/03/22	ONGOING: No updates received. To be discussed in meeting.
CCAG03-14	Update MHHS Horizon Scanning process and re-issued to CCAG members to review	Programme (Andrew Margan, PMO)	23/03/22	RECOMMEND CLOSED: Shared alongside CCAG Headline Report 24/02/22.
CCAG03-15	Review CACoP Central Modification Register template to see if an MHHS impact field can/should be added	BSC (Elliot Harper)	23/03/22	ONGOING: Raised with CACoP and currently under consideration with owner of register (Joint Office of Gas Transporters).
CCAG03-16	Update and re-issue assumptions CCAG meeting slides to correct typos	Programme (PMO)	24/02/22	RECOMMEND CLOSED: Shared alongside CCAG Headline Report 24/02/22 .
CCAG03-17	Share link to PSG paper pack with headline report to highlight agenda item on Cooperation Principles and Ways of Working for CCAG member feedback	Programme (PMO)	24/02/22	RECOMMEND CLOSED: Shared alongside CCAG Headline Report 24/02/22.
CCAG03-18	Share BSC update on BSC changes P432 and P434 with CCAG members. Present updates on these changes at next CCAG	BSC (Elliot Harper)	24/02/22	ONGOING: Shared alongside CCAG Headline Report 24/02/22. Included with agenda item 4.

Governance Group Updates

INFORMATION: Relevant updates from other MHHS Programme L2-3 governance groups

Secretariat

5 mins



L2 and L3 Governance Group Updates

PSG

Update from 02 March 2022 and Extraordinary meeting 11 March 2022

1. **Independent Programme Assurer (IPA)** – IPA now onboarded and will commence attendance at governance meetings.
2. **Supplier Plan Delay Proposal** – Change Requests to change date of M5 milestone relating to publication of the detailed design baseline now issued to impact assessment. All Programme Parties will be notified and able to comment. Deadline for comment 25 March 2022.
3. **Programme Change Control process** – high level process now agreed and available in Governance Framework [here](#).
4. **Programme Cooperation Principles and Ways of Working** – principles approved
5. **MHHS Governance Framework** – updates to framework agree, with majority of changes clarifying operation of the framework now the Programme is full mobilised. A copy can be viewed in the PSG meeting papers available [here](#).

DAG

Update from DAG 09 March 2022

1. **SEC MP162** – Extraordinary DAG 17 March 2022 to discuss enactment of 'level playing field principle' relating to system access for parties carrying out Meter Data Retrieval (MDR) who are not suppliers. DAG will consider whether MP162 satisfies requirements of principle, and what action may be required in addition.
2. **Design Principles** – New 'customer experience' principle to be drafted. Consequential Change Implementation Advisory (CCIAG) will be mobilised in future to assist identification of consequential code changes emanating from design (in addition to work of CCAG).
3. **Data Integration Platform** – Estimate cost comparison of options to manage primary and secondary addressing requirements will be undertaken.
4. **Design Working Groups** – Process for review of design documents clarified. This involves two-week review at BPRWG, two-week programme review, and general review. Large number of artefacts due in April/May.

TAG

Update from TAG 16 March 2022

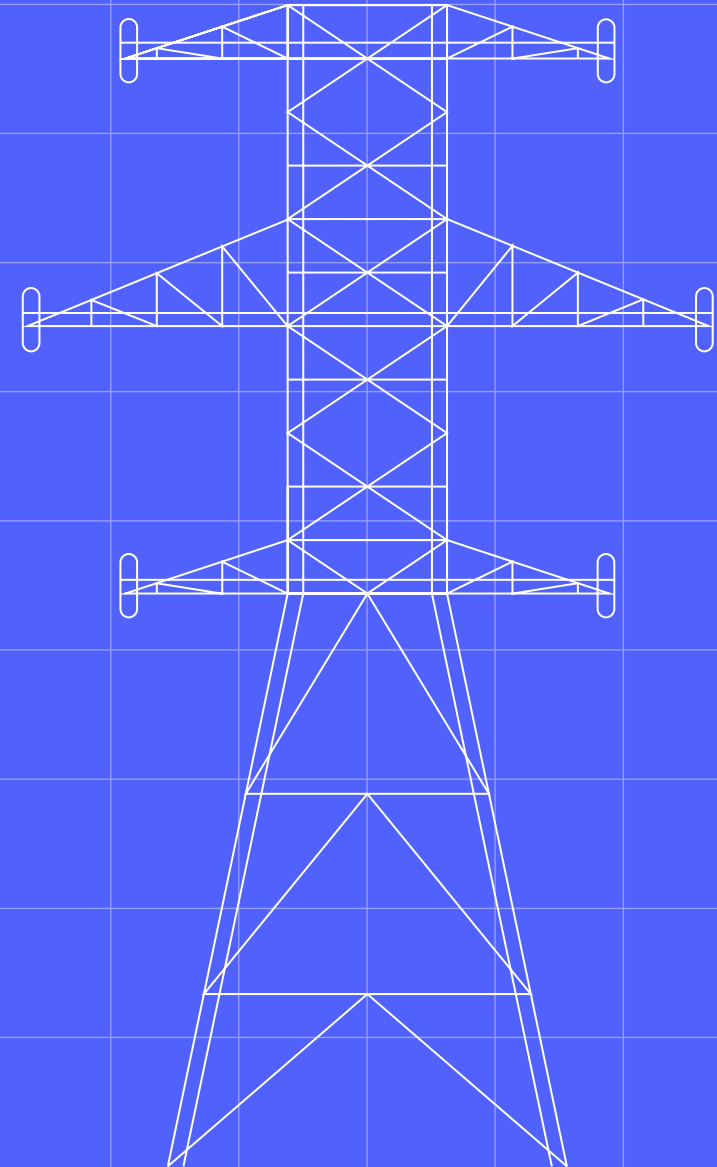
1. **Terms of Reference (ToR)** – The TAG approved the ToR of the Data Working Group, whose remit is to determine test data requirements. The TAG also approved changes to its own ToR, to include migration activities within the remit of the group, and accordingly becoming the Testing and Migration Advisory Group (TMAG).
2. **E2E testing strategy** – The principles underpinning the end-to-end testing strategy were agreed.
3. **Migration Working Group (MWG)** – The TAG agreed to mobilise the MWG, whose remit will be to provide expert input on migration activities to ensure the transition from old to new systems work effectively.

Horizon Scanning

DISCUSSION: Consideration of new and existing code changes relevant to the MHHS Programme

Andrew Margan

15 mins



1

CCAG Horizon Scanning Log

- Review content of log
- Receive updates from CCAG members as required
- Identify any additional/missing changes related to MHHS

2

SEC MP162 and Registration Data for MDR Parties

- Verbal update on Extraordinary Design Advisory Group (DAG) on Level Playing Field Principle (17 March 2022)
- DCC updates provided in following slides

3

Actions from previous meeting

CCAG03-12	Provide details of REC Modifications R15 and R32 to the PMO to update in the CCAG Horizon Scanning Log	REC (Ann Perry)
CCAG03-18	Share BSC update on BSC changes P432 and P434 with CCAG members. Present updates on these changes at next CCAG	BSC (Elliot Harper)

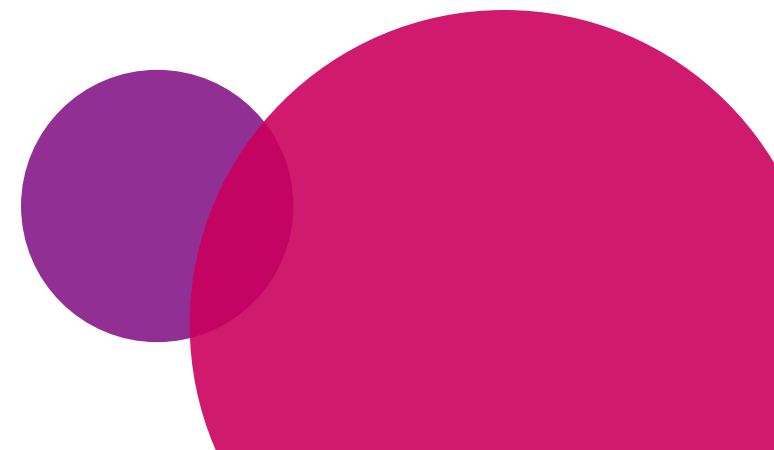
- REC Modifications R15 and R32
- BSC Modification Proposals P432 and P434
- Updates in following slides
- Discuss by exception

Registration Data for MDR Parties

Rich Vernon

March 2022

Controlled

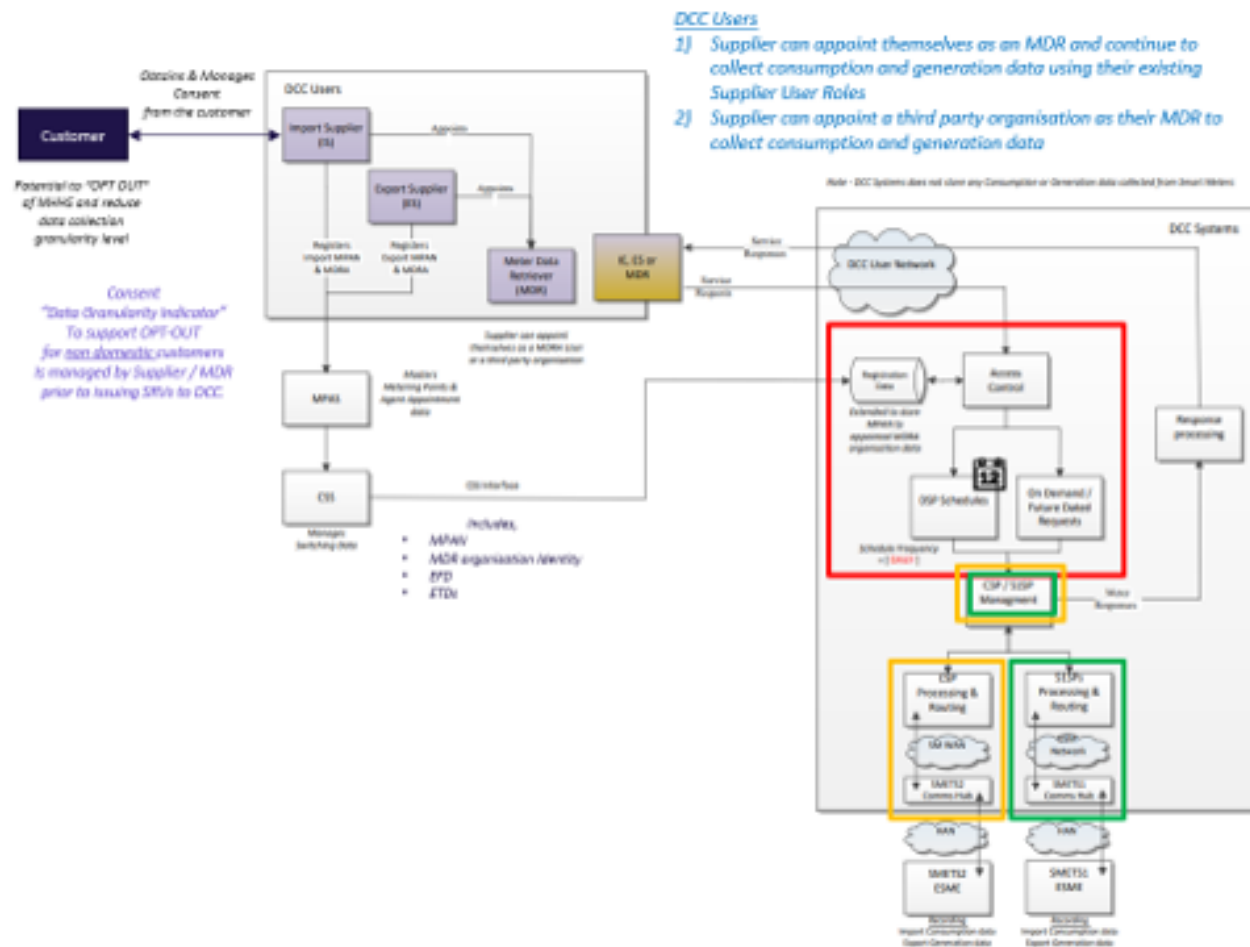


DCC Registration Data Assumptions (MP162)/MP200

- Today DCC receives registration data to validate access control for the Registered Supplier Agent (RSA), the meter operator. This data is issued to DCC via the Registration Data Providers (MPAS).
- Following go live of the Centralised Switching Service (CSS), DCC will receive registration data from CSS rather than MPAS. Modification to the SEC is being made to support these changes via MP200 (Faster Switching consequential changes to the SEC).
- For MP162 DCC will need to validate the MDR appointment.
- Therefore, MP162 service assumption A8 states that:
 - The DCC will be notified of the MDRA appointed to each MPAN by each Supplier and hence which maps to which ESME DeviceId. The DCC assumes that the DSP would receive this information via the CSS interface and the CSS interface definition will be extended to add new additional data items to support the transfer of this information from industry registration systems to the DCC. The additional data items that will be added to the CSS interface will be defined by Elexon's MHHS programme. These include:
 - The identity of the Registered Supplier's appointed MDR User (using the MPID)
 - The Effective From Date associated with the appointment of the MDR User
 - The Effective To Date associated with the appointment of the MDR User
- From a SEC code changes perspective, the assumption is that MP200 will make the necessary code changes to incorporate the MDR into the SEC Registration Data legal text.
- Uncertainty here is a risk for both the Nov 23 implementation and DCC being able to undertake MDR UAT in Summer 23.

Appendix: High Level Architecture

The following diagram gives a high level architecture view of the intended MHHS solution.



All Impacts

- New SRV Flow Management Rules for MHHS SRVs
- Agree new/updates "DSP Schedule" policies for MHHS SRVs

DSP Impacts

- System changes to support
 - New User Role
 - Additional Access Control checks against Registration Data
 - Enhancements to "DSP Scheduling" / Data Retrieval efficiencies
- Infrastructure uplift changes to support
 - Increased volumes for SRV processing

CSP & SMETS1 Impacts

- System changes to support
 - Enhanced "DSP Schedule" Management / Data Retrieval efficiencies
- Infrastructure uplift changes to support
 - Increased volume of SRV processing

S1SP Impacts

- Contracted SRV Transactions Per Second (TPS) limits
- Agreed rates per S1SP

CSP Impacts

- Contracted SRV Volume Profiles (SRV split and aggregate levels)
- Agreed rates per CSP

CCAG03-12

Provide details of REC Modifications R15 and R32 to the PMO to update in the CCAG Horizon Scanning Log

REC (Ann Perry)

R15 – [R0015 Remote communication obligations for electricity Advanced Meters](#)

Currently out for REC Party Impact Assessment – the change is proposing to place obligations on MEMs to ensure there are active remote comms for CT and WC advanced meters.

Although there was a recommendation on implementation date from CCDG, this is not a confirmed/targeted implementation date until the Preliminary Change Report is published on 29th April.

R32 – [R0032 New Registration data items and processes to support the transition to Market-wide Half-Hourly Settlement](#)

A new Change Proposal for REC – the Change Proposal Plan has not yet been approved by the REC Change Panel.

This CP is looking to introduce new data items in to the D0312 flow, and to display these and the associated BSC data items in EES (ECOES).

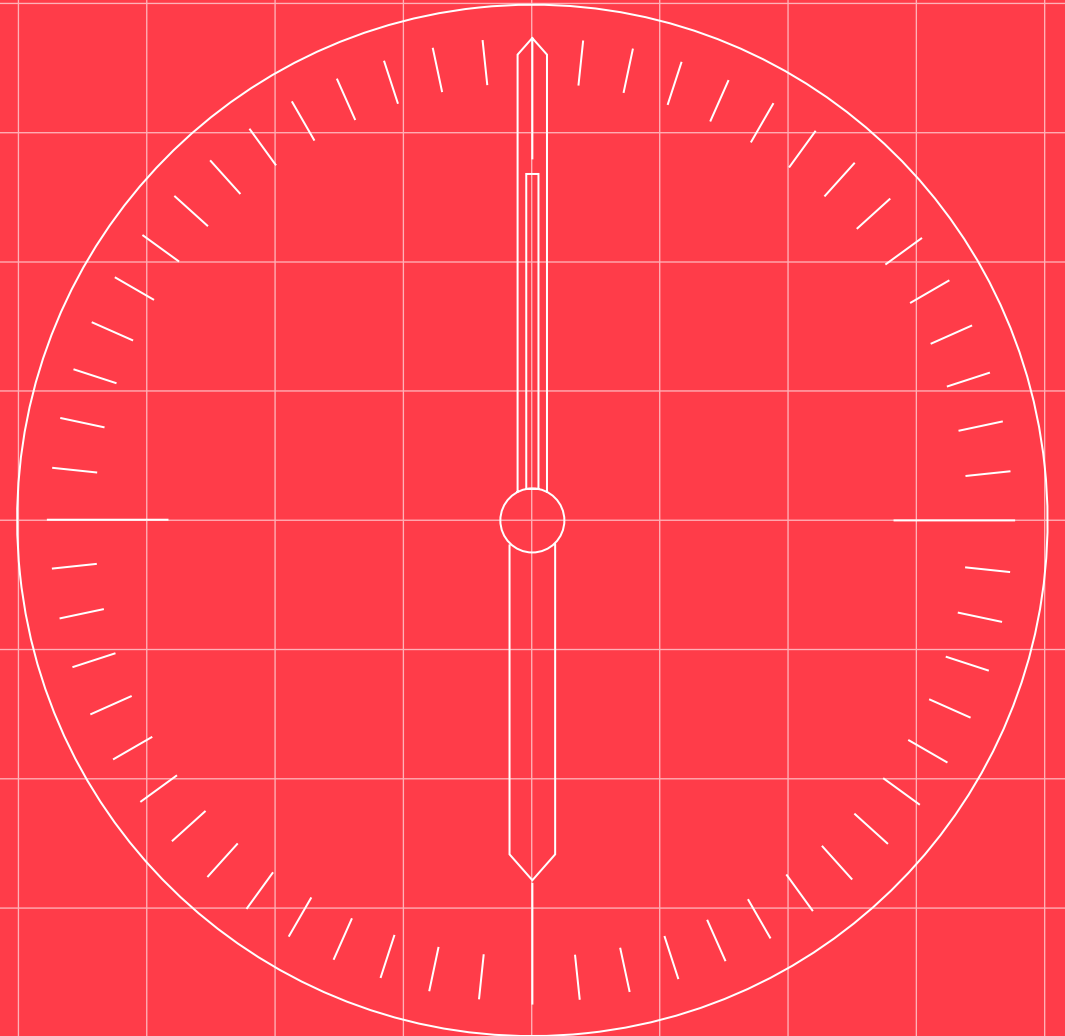
This change is targeting implementation in Feb 23, but this is not confirmed. The Initial Assessment Report and Change Proposal Plan are being presented to REC Change Panel on the 5th April – this will then set the development path for the CP.

SMAP Clarifications

INFORMATION: Updates on the prospective operation of Smart Meters Act Powers

Andy MacFaul/Andrew Margan

15 mins



SMAP Clarifications

Ref	Action	Owner	Due
CCAG03-02	Present the seven steps for code drafting and code approval at next CCAG for discussion, as raised by AMF	Andy MacFaul, Andrew Margan)	23/03/22
CCAG03-03	Update on the parliamentary approval process for SMAP e.g. lead times and if the process can work during parliamentary recess	Ofgem (Andy MacFaul)	23/03/22
CCAG03-04	Provide feedback on how CCAG would make code change recommendations to Ofgem, and how Ofgem designating changes would work in practice	Code bodies	16/03/22
CCAG03-05	Update at next meeting how consequential changes are captured in SMAP	Ofgem (Andy MacFaul)	23/03/22

Action CAG03-02:

SMAP Principles/Approach – 7 step strawman discussed at February CCAG:

These steps have been worked into the detail CCAG code drafting plan on later slides

Detail	Plan activity
1 Code Bodies attend L4 Design Working Groups to ensure design can be supported by each code	Currently ongoing
2 Design signed off at DAG	M5
3 A new L4 Code Draft Working Group is set up to collectively draft the code changes	Plan activity A
4 MHHS, with support from Code Bodies, draft changes via L4 Working Group	Plan activities A-J
5 Code drafting sent to CCAG for action (review, approve, consult, sent to WG etc)	
6 CCAG approval and recommendation to Ofgem (confirm legal text reflects design)	Plan activity K-L
7 Ofgem designates the changes through SMAP for all changes	Plan activity N

Action CAG03-03:

Feedback from Andy MacFaul, 02/03/22

Have spoken to BEIS on commencing SMA powers. The position is actually rather better than I thought. BEIS Parliamentary lawyers say the commencement order would have no parliamentary procedure, and no 40-day challenge period, which means it can be made even when Parliament is in recess.

The order can commence the relevant sections of the Smart Meters Act very soon after it has been made. If the order were to have immediate real world impacts once made, then Ofgem would need to ensure that there was adequate notice for those affected. However, as this order will be 'enabling' in nature, arguably this additional notice period will not be needed – that point needs confirming – but, in any event, Ofgem would be keeping programme parties informed of progress.

All in all, this process should take about 2 months.

The Programme and Code Bodies have considered the pros and cons from a Programme perspective of SMAP vs SCR. Both SMAP and SCR would work, but the Programme and CCAG recommends to Ofgem that SMAP are enacted and used for MHHS code changes.

The decision on SMAP enactment and M7 delivery date needs to be made fast:

- Delaying this decision adds risk to the Programme as the Programme cannot plan and prepare for code releases until the decision is made.
- M7 requires a Change Request should Ofgem require to remove or move it. The Change Request must be approved before the date of the milestone, to avoid a late milestone (i.e. by May). The Change Request will take some time to approve

Pros:

- SMAP are good for large code changes/large scale code change (as will be the case for MHHS)
- SMAP will simplify the release process
- The SCR process would extend release timeframes due to governance requirements. This may push releases beyond their boundary condition (qualification start)
- SCR is still available as a back up and may still be used for smaller/ad hoc code changes as required

Cons:

- SMAP still requires enactment. This adds risk that SMAP may not be ready for use. SCR is already in place and so planning using SCR can begin now
- The SCR process is already well-known in industry

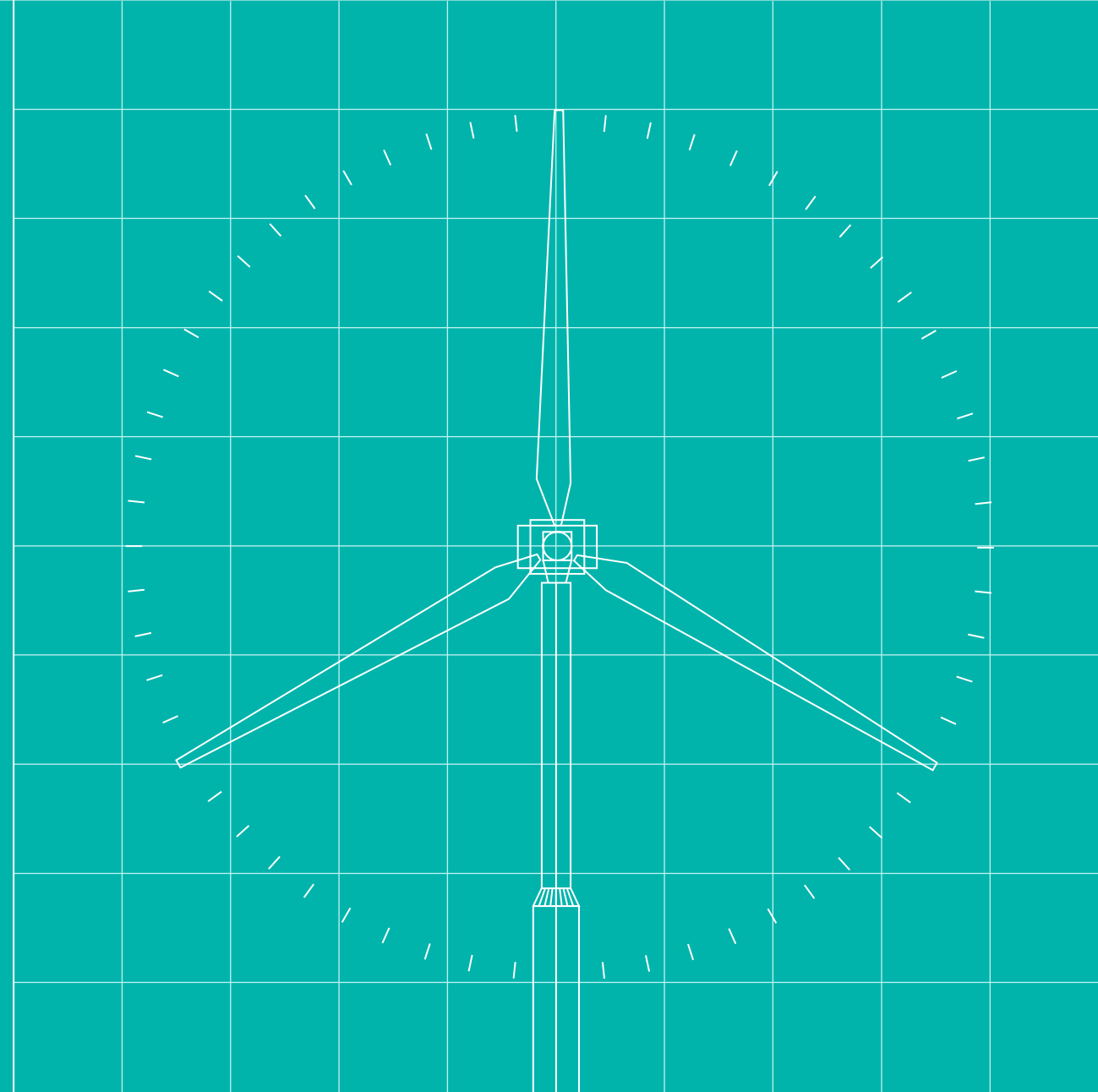
CCAG Change Request for M6 and M7

DISCUSSION / DECISION:

- Review action taken since last CCAG and the output proposed plan for code draft milestones
- Agree to raise a Change Request for M6 and M7

Martin Cranfield / Jason Brogden / Andrew Margan

45 mins



At the February CCAG we...

- Discussed the requirements of the CCAG if the CCAG wants to move Programme milestones:
 - M6 and M7 would require a Change Request(s)
 - M8 and beyond will be wrapped up in Programme re-planning activities following M5
- Reviewed a CCAG 'straw-man' plan to M8

Since February CCAG we have...

1. Developed a plan for submitting Change Requests for M6 and M7 within required approval timelines
2. Developed the next level of detail underneath the CCAG 'straw-man' plan to M8. This has been completed with input from the Programme and Code Bodies, and has been facilitated by the PMO
3. Drafted a Change Request for M6 and M7 (CR003)

Today we aim to...

- a) Present the outputs of planning activities completed since last CCAG
- b) Discuss the content of the plan to M6 and M7. Agree any updates/changes required
- c) Agree to raise a Change Request for M6 and M7

CCAG Change Request next steps

- M6 and M7 currently fall **before the Programme replan**
- The **CCAG needs to raise Change Request for both M6 and M7**. It makes sense for **M6 and M7 changes to be raised at the same time** in a single Change Request for only one Impact Assessment
- As a Level 1 milestone, any Change Request for a >3mo delay to **M6 will need to go to Ofgem**
- A **Change Request for M6 must be approved before its delivery date is exceeded in the plan**. To achieve this, the **CCAG must agree to raise a Change Request for M6 today**. The Change Request will go to Change Board 24 March 2022.
- The Change Request will need to be **raised by a CCAG member**

Please see the appendix for the complete plan for raising the Change Request

Raising a Change Request

A change request must...

- Satisfy programme objectives
- Maintain programme success factors (time, cost, quality, scope)
 - Minimise delay
 - Minimise cost
 - Ensure appropriate quality of outputs
 - Maintain programme scope

The Change Request form includes...

Part A

- Issue statement (issue that needs to be resolved)
- Description of the change
- Justification of the change
- Consequence of no change

Part B

- Proposed solution
- Benefits of the solution, including to programme objectives
- Initial impacts (e.g. to deliverables and milestones)

Part C

- Impact Assessment to be completed by all PPs, including specific questions we want to ask of Impact Assessment respondents

Since last CCAG, the Programme have completed a planning activity to determine the steps behind the CCAG 'straw man' plan. The outputs of this activity have been used to draft the Change Request CR003 shared with the meeting papers.

Summary of the Change Request

- **Delay M6 to 9 months after M5.** This has been determined through detailed planning of the activities under M6 (see following slides)
- **Rename M6 to 'Code Changes Baselined'** (from 'Initial code changes drafted' - this puts new M6 somewhere between old M6 and M8)
- **Delay M7 to 10 months after M5.** This prevents M7 being triggered early (given M7 is time limited) while also ensuring M7 is enacted in time for code releases
- **No change to M8** will be included. A change to M8 will be included in the Programme replanning activity after M5
- There are a number of **RAID** items underpinning the plan (see appendix)
- **BSC is the proposed Change Raiser**, on behalf of the CCAG

Before formally raising the Change Request, there are some questions for the CCAG:

High level questions:

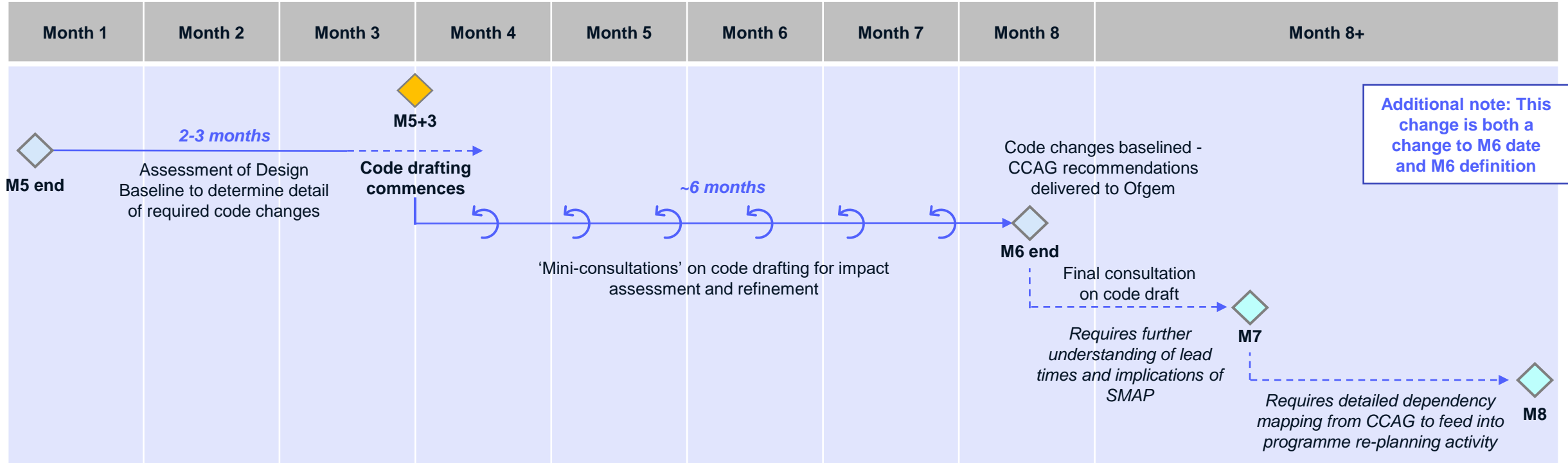
- Are there any **missing activities** in the plan?
- Are the **timeframes** provided in the plan reasonable? Are any timeframes particularly challenging?
- Does the CCAG have any comments or questions on the **RAID items** underpinning the plan?

Specific questions:

- Will drafting of **transition text** occur at the same time as full code drafting, or in a phase after? (The plan currently assumes after). How long is required to draft transition text?
- Will code **releases** be planned during code drafting? (The plan currently assumes during)
- Are **two code releases** enough? Do code releases have to be aligned to industry release periods (Jun, Nov, Feb)? (The plan currently assumes yes to both)

Reminder: CCAG straw-man plan to M8 as presented at February CCAG

The Programme has created a 'starter for 10' plan for how code drafting could be actioned. Further views from CCAG members are collated on the following slides



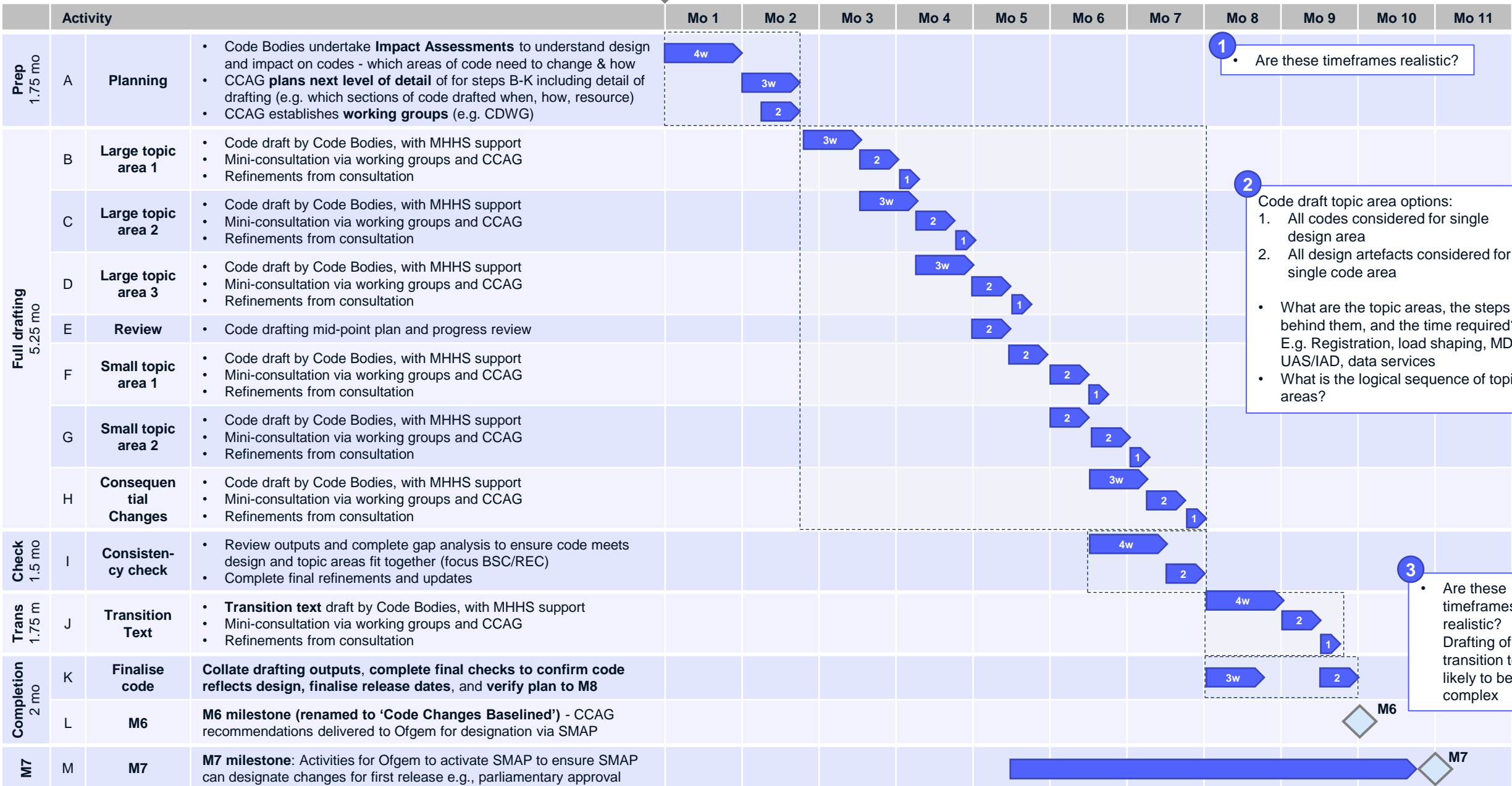
The CCAG needs to build an exhaustive picture of the factors defining when each step needs to take place. These then need to be incorporated in a more detailed CCAG planning activity



- What are the dependencies between each milestone?
- What are the activities under each milestone and the timeframes required?
- What are the boundary conditions – when is the latest each milestone can fall and what are the implications on later milestones in the plan?
- What is the detail and implications of SMAP (M7)?
- Are there any other relevant factors to be considered? e.g., release dates.
- Does this deliver code changes in time?

Detailed plan to M6 and M7

M5



1 • Are these timeframes realistic?

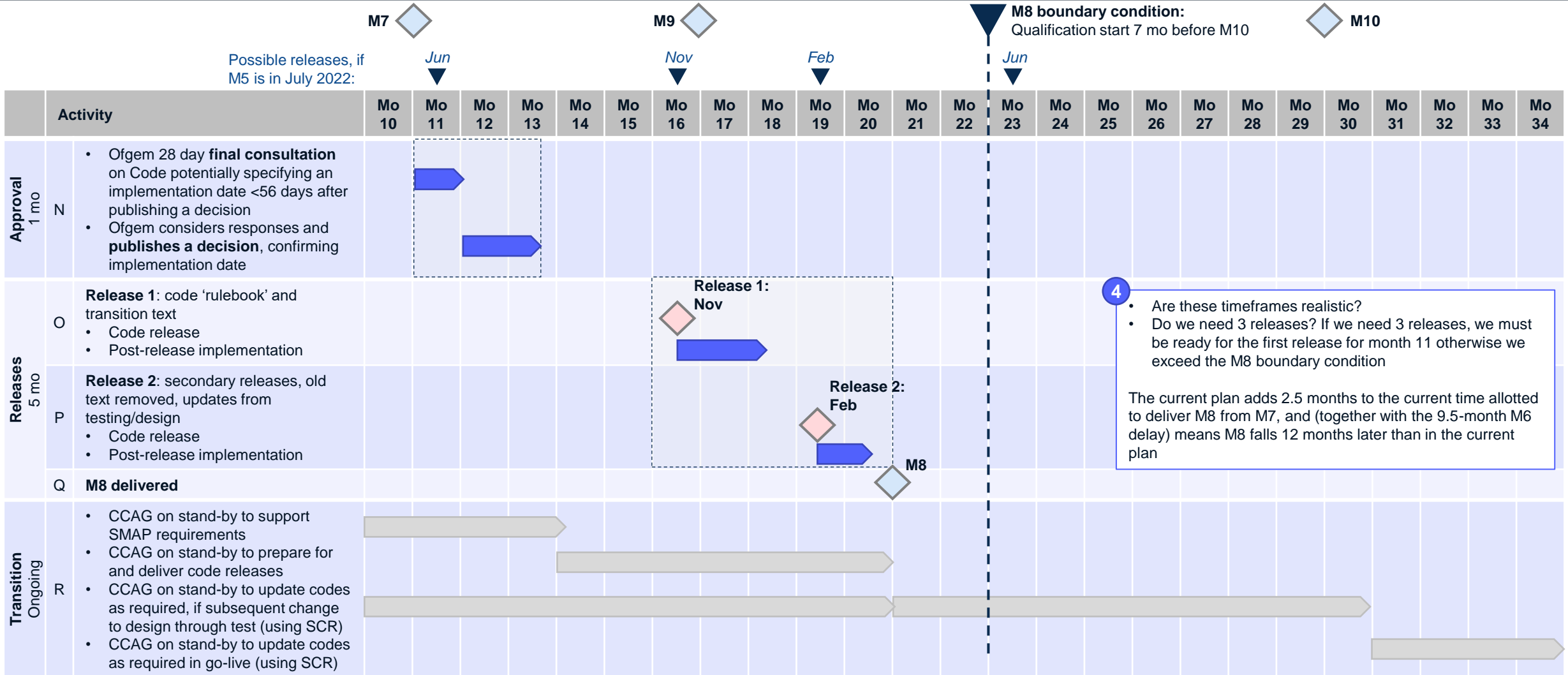
2 Code draft topic area options:
 1. All codes considered for single design area
 2. All design artefacts considered for single code area
 • What are the topic areas, the steps behind them, and the time required? E.g. Registration, load shaping, MDS, UAS/IAD, data services
 • What is the logical sequence of topic areas?

3 • Are these timeframes realistic? Drafting of transition text is likely to be complex

M6

M7

High level plan to M10 (to support planning for M6)



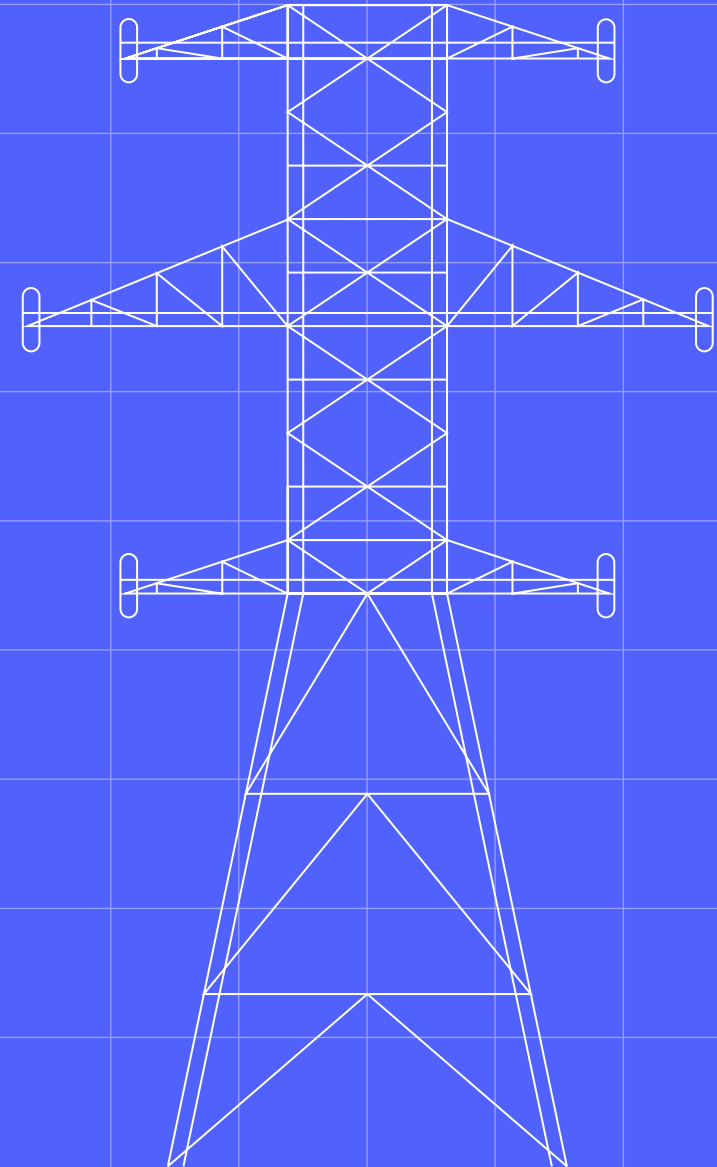
Milestone reminders	
M8	Code Changes Delivered (i.e. code changes implemented)
M9	System Integration Testing Start (i.e. Programme Participants have completed DBT)
M10	Central Systems ready for migrating MPANs (i.e. testing completed, start of go-live)

Code draft resource planning

INFORMATION: Information for code bodies on likely resource requirements of code drafting

Andrew Margan

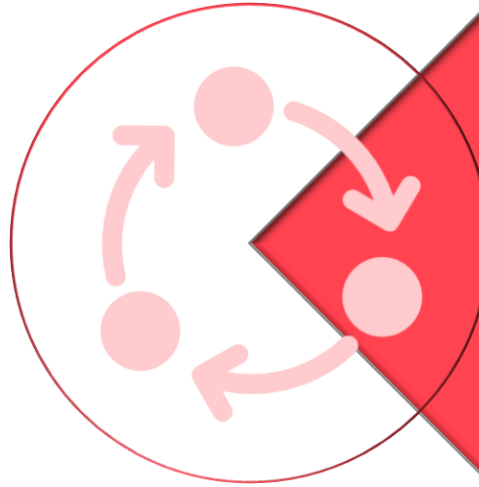
15 mins



Code draft resource planning



Review of resource requirements under each phase of the plan to M6



We will have a cyclical process to resource against:

- Code draft
- Review and consult
- Update from consultation
- Cross check



Assumption: The Programme will draft code changes via CCAG working groups with support from Code Bodies. Code bodies will review code draft via CCAG and consultations



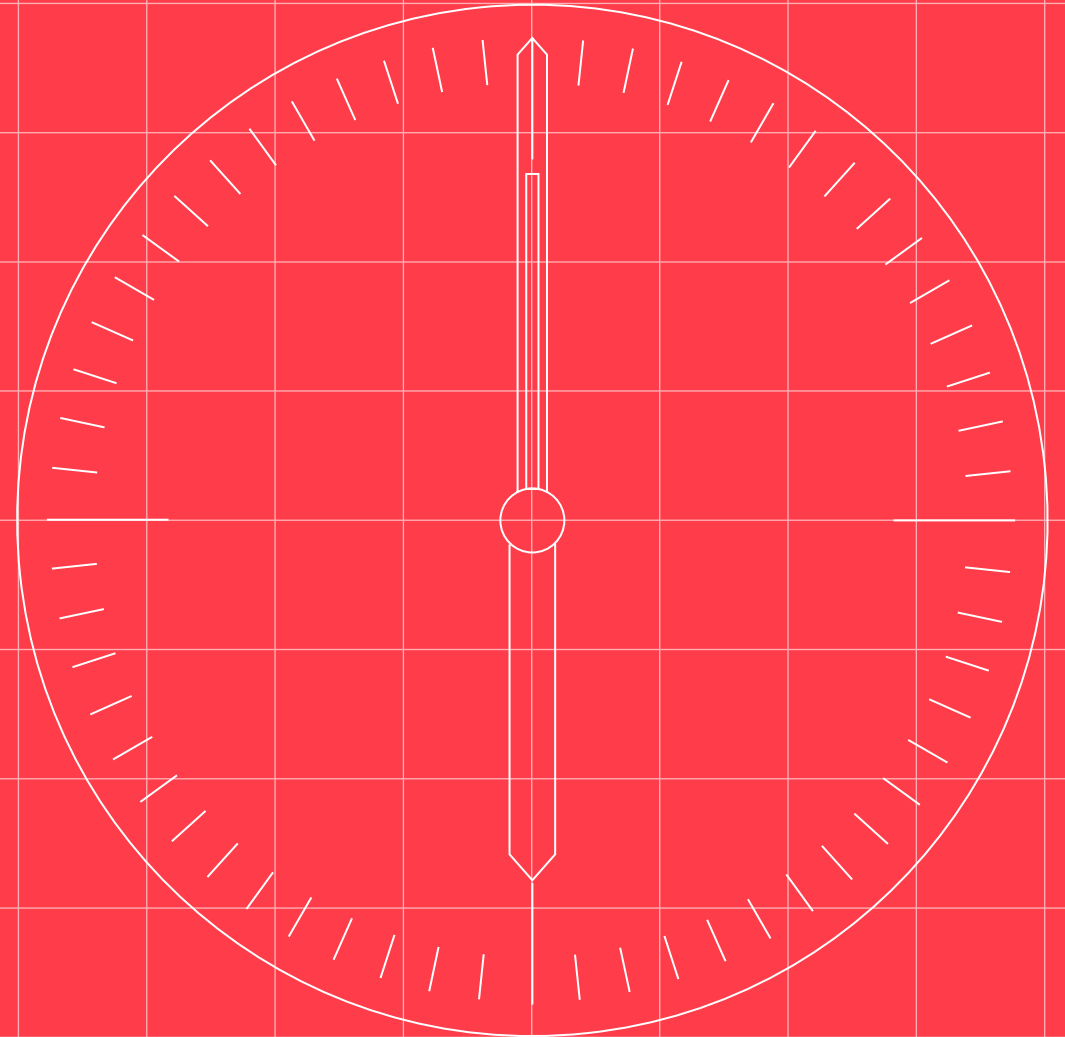
Resource may be required outside of pure code-drafting e.g. website updates, guides

Operational Choreography

INFORMATION: Verbal update from programme
Design Team on action CCAG03-01

Programme - Design Team

10 mins

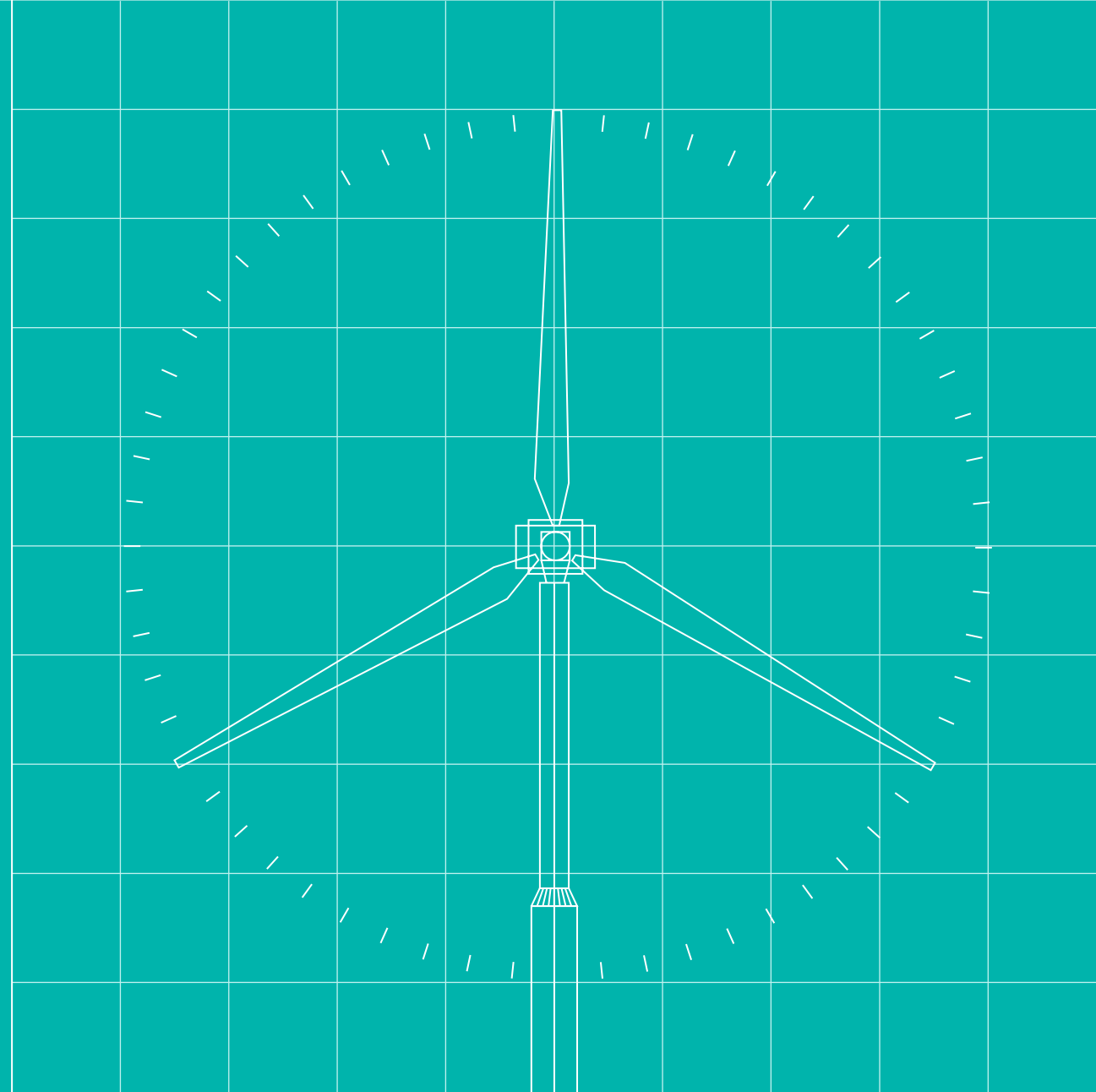


Summary and Next Steps

INFORMATION: Summarise meeting actions and next steps

Chair & Secretariat

5 mins



Next steps

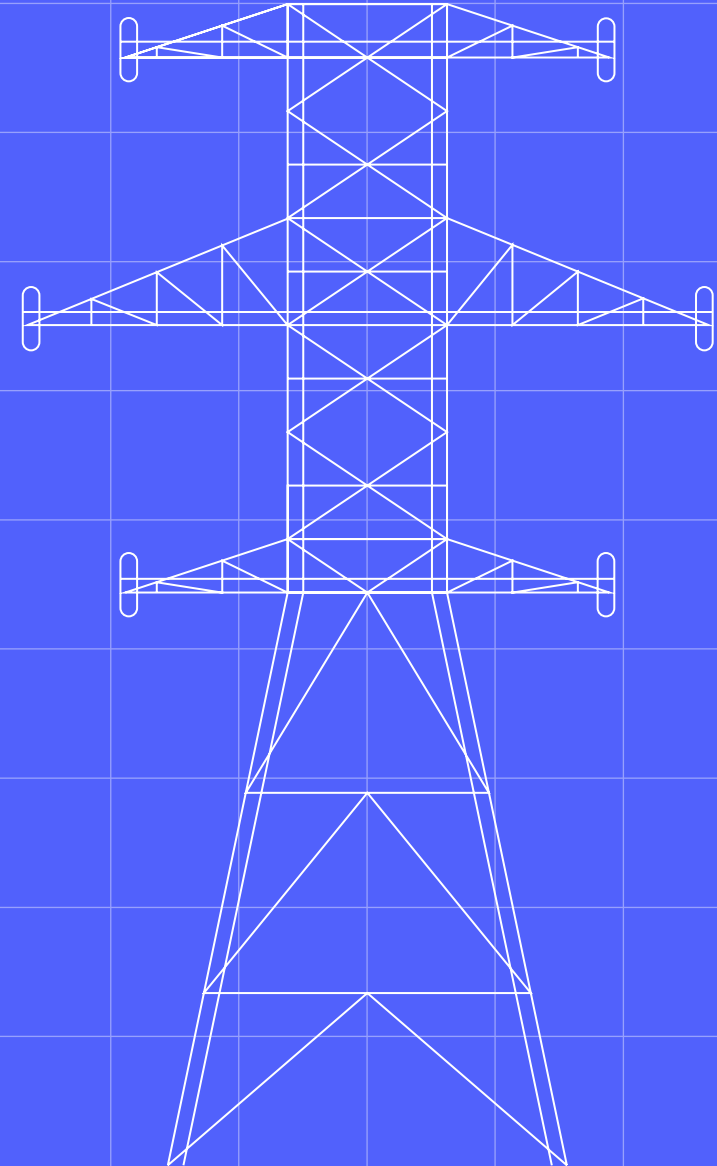
- Confirm actions from the meeting
- CCAG Agenda Roadmap – CCAG dates and planned agendas:

Meeting dates	23-Feb	23-Mar	27-Apr	25-May	22-Jun	26-Jul
Relevant milestone or activities			M5, M6		M7	
Agenda items	<ul style="list-style-type: none"> • Smart Metering Act Powers • CCAG Feedback on M6 & M8 • Code Body Assumptions review 	<ul style="list-style-type: none"> • SMAP clarifications • CCAG Change Request for M6 and M7 • Code Draft resource planning • Operational Choreography 	<ul style="list-style-type: none"> • Level 4 WG ToR agreed • Code draft resource planning • Mechanics & CCAG role in Smart Meter Act powers • Code release plan 	<ul style="list-style-type: none"> • Approve programme resource model for drafting codes • Approve code release strategy • L4 WG planning 	<ul style="list-style-type: none"> • Start L4 workgroups (subject to M5) 	<ul style="list-style-type: none"> • CCAG plan to M6 begins (subject to M5)
Standing items	<ul style="list-style-type: none"> • Minutes & actions • Agenda roadmap • Horizon scanning log 	<ul style="list-style-type: none"> • Minutes & actions • Agenda roadmap • Horizon scanning log 	<ul style="list-style-type: none"> • Minutes & actions • Agenda roadmap • Horizon scanning log 	<ul style="list-style-type: none"> • Minutes & actions • Agenda roadmap • Horizon scanning log 	<ul style="list-style-type: none"> • Minutes & actions • Agenda roadmap • Horizon scanning log • Working group highlight report 	<ul style="list-style-type: none"> • Minutes & actions • Agenda roadmap • Horizon scanning log • Working group highlight report

If you would like to request agenda items for the CCAG, please contact the PMO at PMO@mhhsprogramme.co.uk

Appendices

1. Additional content to support M6 and M7 Change Request
2. Code body feedback on M6 and M8 from CCAG 26/01



RAID items from CCAG planning (1 of 3)

CCAG planning to M8 has identified and used a number of RAID items to be raised to the Programme's RAID Management Framework. Some of these items are already in the RAID log.

	Area	Description	Impact	Mitigation
1	Assumption	Code drafting has no dependency on the Programme replan (M5+3)	If code drafting is dependent on the replan, code drafting will be delayed 2-3 months	
2	Assumption	Code bodies will need to impact assess the design to understand its implications on required code changes so that a detailed code draft plan can be developed. Code drafting cannot begin until this has taken place	If code bodies do not require detailed impact assessment and planning, they can begin supporting code drafting sooner. M6 could be brought forward	
3	Assumption	Mini-consultations of draft code will take two weeks	If mini-consultation require more than two weeks, full code drafting may be delayed	
4	Assumption	Code draft and consultation can happen in parallel for separate code draft topic areas	If these activities cannot occur in parallel, code drafting and M6 will be delayed	
5	Assumption	Code drafting can be broken into specific topic areas. These areas are distinct and will be drafted in series (waterfall). There will be insufficient resource to draft topic areas in parallel.	If there was more resource, code draft could occur over a shorter period of time	
6	Assumption	Code bodies will dedicate enough resource to support code changes in the timescales in the code draft plan	If code bodies do no dedicate enough resource, code drafting may take longer than planned	To be added
7	Assumption	MHHS resource will coordinate and complete code drafting and subsidiary documents with support from code bodies	MHHS and code bodies must plan resources as appropriate	
8	Assumption	A consistency check is required to ensure all parts of drafted code fit together. This consistency check will only need ~4 weeks because the majority of work will have been completed during code drafting	Time for a consistency check is required after code drafting. If a consistency check is not required (e.g. it becomes clear that codes are consistent throughout the drafting process) then this step can be removed from the plan and M6 brought forward	
9	Assumption	No final consultation will be required by the Programme on code drafting before recommendation to Ofgem. Mini-consultations throughout drafting will be sufficient. (note Assumption 13)	If a final consultation is required, this will delay M6 delivery	
10	Assumption	There will be few changes to the design and subsequent code following M5 such that dedicated contingency time to update code is not required to be built into the code drafting plan	If there are significant changes to the design, additional code draft time will be required which may delay M6	
11	Assumption	The design will facilitate efficient and effective code drafting	If this is not the case, additional code draft time may be required which may delay M6	
12	Assumption	SMAP will be used to designate MHHS code changes	If SMAP is not used, the Programme will have to use SCR which may complicate the release process and increase release timescales	

RAID items from CCAG planning (2 of 3)

	Area	Description	Impact	Mitigation
13	Assumption	A final consultation will be required under SMAP. This will be 28 days	Time for a final consultation must be planned in after M7 and before the first code release	
14	Assumption	SMAP will be enacted by Ofgem/BEIS in time for to be used for the first planned MHHS code release	If SMAP is not ready for use for the first code release, this will delay code releases and M8, and may result in code changes being delivered after qualification	
15	Assumption	There are no actions required by Ofgem to designate MHHS code changes in addition to consultation and publication	If this is not the case, further time may need to be planned to deliver SMAP requirements in advance of code releases and M8	
16	Assumption	M7 is not dependent on any activities under M6 and vice versa. Code drafting is not required to go before Parliament.	M7 can start at any time during M6	
17	Assumption	M9 is not dependent on any activities under M6, M7 or M8 (design led) and vice versa. Final code is not required for testing	M6, M7 and M8 can occur at any time around M9	
18	Assumption	Content and logical sequence of each code release will be determined in detail during code drafting.	Additional time has been factored into the code drafting phase to allow for release planning. If this is not the case, additional time may be required after code drafting to plan releases	To be added
20	Assumption	A Change Request to move a milestone must be approved before the milestone is overdue	Any Change Request must be approved in or before the month a milestone will be delivered	
21	Dependency	Code drafting can only begin once the design has been completed (M5, as the Programme is design led) and subsequent impact assessment of the design by code bodies has been completed	Code drafting cannot begin until M5	To be added
22	Dependency	Different topic areas within the code draft phase will be dependent on each other and need to happen in a specific sequence. This will be determined after M5	If topic areas are not dependent on each other, drafting may be able to occur in parallel	
23	Dependency	Code draft approval is dependent on Code Bodies reviewing drafted code within each mini-consultation (and any final consultation/s)	If code bodies do not review drafted code in any consultations, the drafted code cannot be approved	
24	Dependency	Transition text can only be drafted for specific elements of code once the updates to that element are themselves drafted	A phase to draft transition text must be planned after code changes have been drafted	
25	Dependency	Code releases will depend on the following, to be determined during code drafting <ul style="list-style-type: none"> • Lead times of longest implementation • Content of changes: introduction of new arrangement text, transitional text and removal of legacy text • Code release traffic to avoid conflict with large/busy releases • Consideration of sunrise and sunset clauses 	Planning activity for releases must be undertaken during code drafting	

RAID items from CCAG planning (3 of 3)

	Area	Description	Impact	Mitigation
26	Dependency	Code releases should be aligned to industry code release dates (Feb, Jun, Nov)	Code releases must be planned against Feb, Jun and Nov release dates. Activities leading up to releases must be delivered by these months	
27	Dependency	Full code changes must be delivered before qualification begins (M8 boundary condition is qualification)	All activities for M6, M7 and M8 must be delivered before qualification start (7 months before M10)	
28	Risk	The full extent of code drafting including timeframes will not be known until the design is complete and therefore more time may be required to deliver full code drafting than currently planned. Code drafting may not be completed in the timeframes given to M6 due to unknowns that will not be determined until after M5	Additional time may be required to deliver code changes, delaying M6. Or additional resource may be required to deliver code changes to proposed M6 timelines	To be added
29	Risk	There may be insufficient resource to deliver code changes aligned to the code draft plan due to resource requirements for MHHS design updates	Code changes may take longer to deliver than planned. Delay to one code may delay all codes, and therefore delay M6	
30	Risk	Code draft outputs may not reflect the design	The execution of the code may not work in practice and future Changes Requests may be required to re-draft the code	
31	Risk	Ofgem may choose not to enact SMAP for MHHS code changes and therefore code change would need to happen via SCR which would add delay and complexity to releases	If SMAP is not ready for use for the first code release, this will delay code releases and M8 and may result in code changes being delivered after qualification	
32	Risk	There may be changes to the design following design baseline that extend or require rework of the code draft plan and/or code itself	Additional time will be required to deliver code updates, delaying M6	
33	Risk	Programme testing may identify changes to baselined code and require code updates and further code releases after initial code changes have been approved	Additional time will be required to deliver code updates, delaying M6 and/or M8	