



MHHS
PROGRAMME

Industry-led, Elexon facilitated

Cross Code Advisory Group #34

25 September 2024

Version 1.0

MHHS DEL3119

Document Classification: Public

Agenda

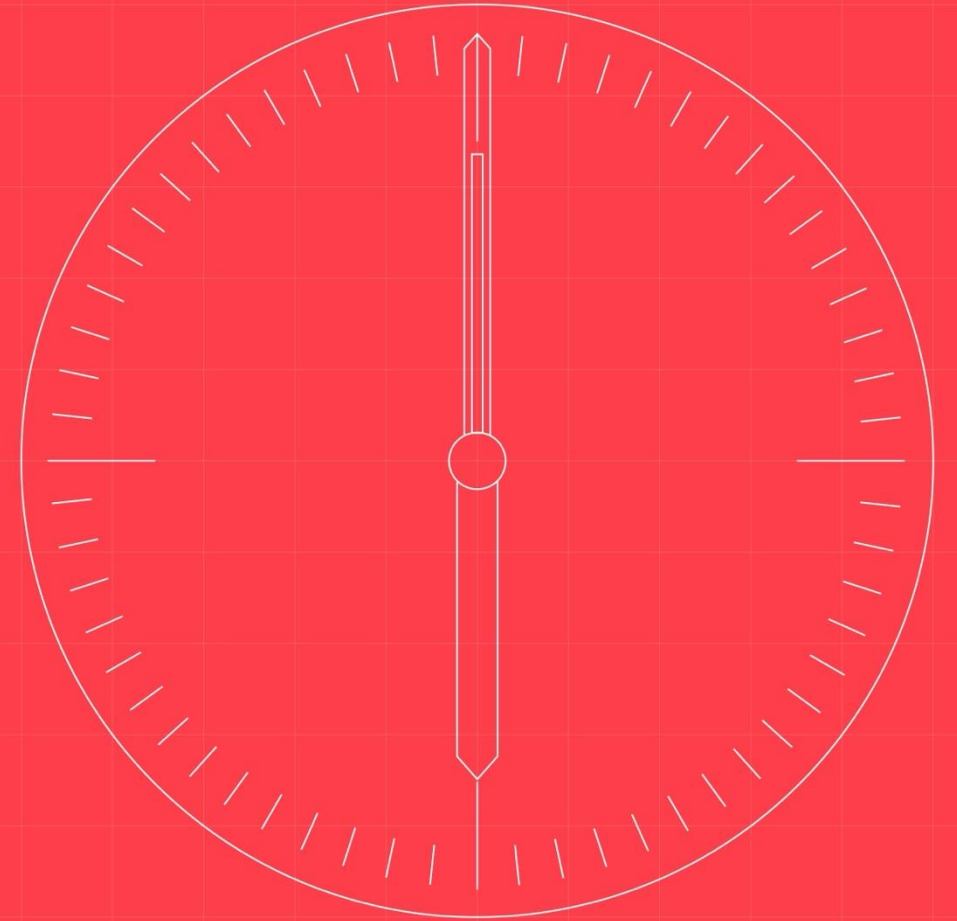
#	Item	Objective	Type	Lead	Time	Page
1	Welcome			Chair	10:00-10:05 5 mins	
2	Minutes and Actions	Approve minutes of previous meeting and review outstanding actions	Decision	Chair & Secretariat	10:05-10:15 10 mins	3
3	Programme Updates	Updates from MHHS Programme governance groups and the wider Programme	Information	Programme (PMO, Jason Brogden)	10:15-10:25 10 mins	5
4	Horizon Scanning Log	Updates from all Code Bodies and the Programme on changes which may impact MHHS Programme	Discussion	Programme & Code Bodies	10:25-10:45 20 mins	10
5	DIP Governance	Update on how DIP Governance will operate	Information	Code Bodies (Chris Wood)	10:45-11:05 20 mins	19
6	Reporting Milestones, CCA Risks and activities	Programme milestone status, risks and Post M6 Code Change Activities	Information / Discussion	Programme (Andrew Margan)	11:05-11:20 15 mins	32
7	M7 Delivery Update	Provide an update on Ofgem M7 delivery	Information	Ofgem (Andy McFaul)	11:20-11:30 10 mins	38
8	M8 Code Implementation Update	Provide an update on Code Body M8 Implementation	Information	Code Bodies (Andrew Wallace, Lawrence Jones)	11:30-11:40 10 mins	41
9	Code Meeting Cadence	Discuss future Code workstream meeting frequency and approach	Decision	Programme (Andrew Margan)	11:40-11:50 10 mins	44
10	CDWG Update	Summary of CDWG meetings	Information	Chair (Chris Welby)	11:50-11:50 0 mins	46
11	Summary and Next Steps	Summarise meeting actions and next steps	Information	Chair & Secretariat	11:50-11:55 5 mins	47
12	Appendices	<i>Appendix 1 - M7 Delivery and M8 Implementation POAP</i> <i>Appendix 2 - MHHS related REC Category 3 POAP</i>				

Minutes and Actions

DECISION: Approve minutes of previous meeting and review outstanding actions

Chair & Secretariat

10 mins



Minutes and Actions

- Approval of Headline Report from CCAG meeting held [21 August 2024](#).
- Review of outstanding actions:

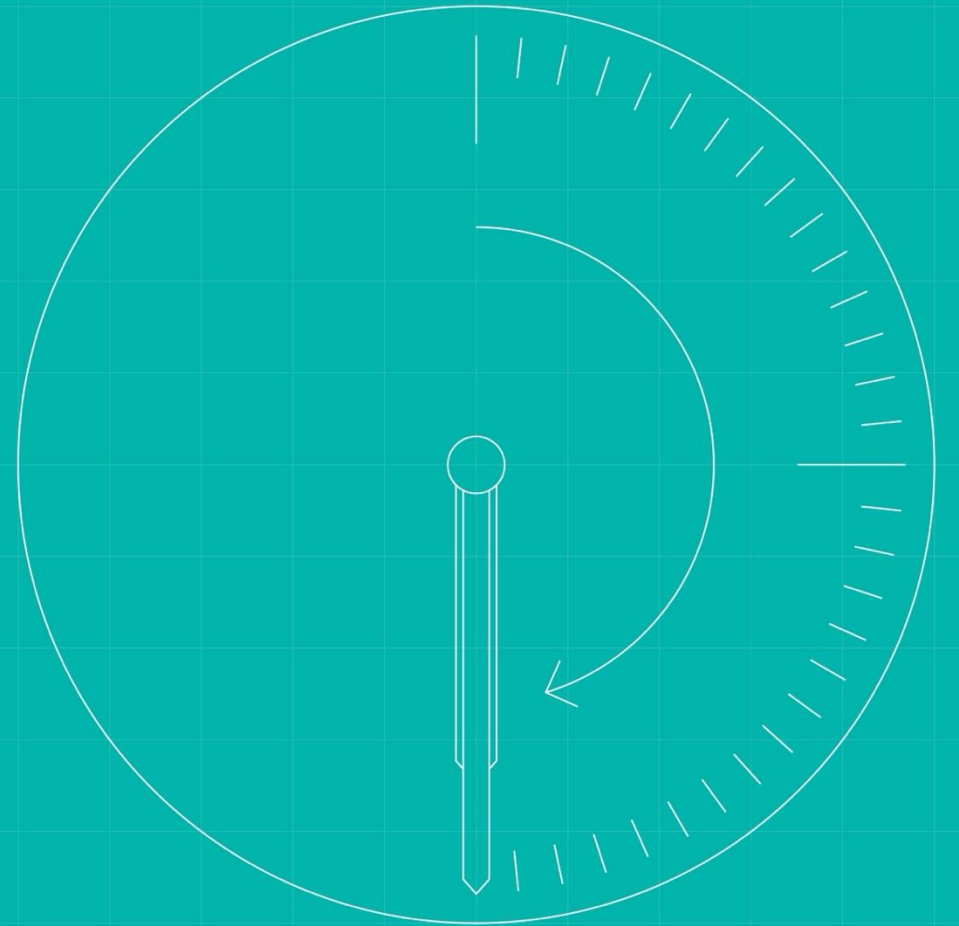
Ref	Date Raised	Action	Owner	Due Date	Update
CCAG33-01	21/08/2024	REC to request St Clements to engage with the Programme promptly to raise a Change Request (CR) in relation to I179.	REC (Harriet Truss)	30/09/24	LATEST UPDATE: St Clements is not looking at raising a programme CR on this issue, their preference is to implement a solution post go live so as to not impact on the MHHS milestones.
CCAG33-02	21/08/2024	Programme to develop M6 work off plan and bring back to CCAG.	Programme (Andrew Margan)	25/09/24	ONGOING: See item 6 for Post-M6 change process and control update – analysis ongoing.
CCAG33-03	21/08/2024	Programme reporting to be updated (name of the M7 milestone).	Programme (Andrew Margan)	25/09/24	RECOMMEND CLOSED: Reporting updated – agenda item 8.
CCAG33-05	21/08/2024	Programme to review CDWG meeting cadence.	Programme (Andrew Margan)	25/09/24	RECOMMEND CLOSED: See item 9 for update and decision on future Code governance approach.
CCAG32-03	24/07/2024	Check internally if there will be a decision on P433. This is required asap and before M6.	Ofgem (Andy MacFaul)	25/09/24	ONGOING: Ofgem are expecting to decide on P433 in early November, it has been confirmed that there is no dependency on M6.
CCAG31-01	26/06/2024	Follow up through Elexon transition for the Service Management to be progressed and timings need to be communicated.	BSC (Lawrence Jones)	25/09/24	ONGOING: The Service Definition Document (SDD) and the Low-Level Service Design (LLSD) for Service Users were published on 06 September 2024 and were discussed during TORWG on 11 September 2024. Helix will update and publish the SDD & LLSDs by the end of September.

Programme Updates

INFORMATION: Updates from MHHS Programme governance groups and the wider Programme

Programme (PMO, Jason Brogden)

10 mins



Governance group updates

Programme Steering Group (PSG)

PSG 04 September 2024

M6: SRO ratified the approval of M6 'Code Change Baselined'.

CR054: SRO ratified the approval of CR054, *Change to Non-Functional Requirements for LDSOs*.

M10 Planning Update: Programme provided the latest update on the changes to be made to the Programme Plan.

Testing Update Programme provided an update on testing progress in Cycle 2 including Sprint 4 and 4.1 as well as an outline of a new MVC Cohort Trial which has been introduced in Sprint 4.1.

PSG papers available [here](#).

Design Advisory Group (DAG)

DAG 11 September 2024

Meeting held by correspondence owing to diminishing content.

Change Request Update: CR054 (*Change to Non-Functional Requirements for LDSOs*) was approved at September PSG after widespread support in the Impact Assessment and a recommendation by the Change Board.

The proposed change enables LDSOs to complete testing (the performance testing element of NFT PIT) against the appropriate baseline, otherwise they would be required to test against an unreasonable baseline.

DAG papers available [here](#).

Cross Code Advisory Group (CCAG)

CCAG 21 August 2024

In the meeting, the CCAG provided updates on:

SIT Progress and Scenario Planning: Particularly the impact to Code drafting and the expected movement to M8, in line with M10.

Horizon Scanning Log: BSC provided updates on P477. REC provided updates on REC changes. National Grid ESO provided a CUSC update on CMP430.

CDWG Escalations: SRO approve the Code Artefacts to be baselined for M6.

M6 Reporting: M6 Programme status, risks and milestone updates.

M7 Delivery: Ofgem M7 delivery.

M8 Code implementation: Code Bodies update on the M8 Code Implementation/go-live.

September CDWG meetings were cancelled.

CCAG papers available [here](#).

Wider Programme Updates

Participant Checklist:

There are a few updates this week, so this week's Participant Checklist includes the following items for Programme participant review, feedback and awareness:

This week's Participant Checklist includes the following items for Programme participant review, feedback and awareness:

1. REMINDER: Design Interim Release 8.3 Artefacts going live today!
2. REMINDER: Systems Integration Testing (SIT) Operational Test Scenarios & Test Cases for Theme 3 Industry Review – the deadline is **Thursday 19 September 2024**
3. REMINDER: Service Definition Document (SDD) and Low-Level Service Definition Document (LLSD) Industry Review – the deadline is **Thursday 19 September 2024**
4. NEW! Data Integration Platform (DIP) Simulator IR 7.3 is to be stood down by **Friday 20 September 2024**
5. REMINDER: Meter Location and Number of Displayed Register Digits Production Data Load - the deadline is **Sunday 22 September 2024**
6. NEW! Self Qualification Assessment Document (SQAD) Consultation - the deadline is **Friday 27 September 2024**
7. REMINDER: Migration Envelopes and Weekly Submission Templates – the deadline is **Wednesday 2 October 2024**
8. NEW! Non-Systems Integration Testing (SIT) Licensed Distribution System Operators (LDSO) Qualification Testing Industry Standing Data (ISD) Files now available! - the deadline is **Friday 11 October 2024**

You can view the **Participant Checklist** on the respective **Planning pages** of the [Collaboration Base](#) and the [MHHS website](#). In the Participant Checklist you can view upcoming consultations and key deliverables, as well as the latest status of Change Requests in the **Master Change Request Dashboard** tab.

We've created the **Interim Release and Swagger version alignment document** for SIT participants. You can view this document on the respective **SIT pages** of the [Collaboration Base](#) and [MHHS website](#).

Upcoming Governance Meetings:

- Thursday 19 September 2024:** Qualification Advisory Group (QAG)
- Wednesday 25 September 2024:** Cross Code Advisory Group (CCAG)
- Wednesday 25 September 2024:** Non-SIT LDSO Qualification Testing Sub-Group (LQTSG)

System Integration Testing Advisory Group (SITAG)*

SITAG 18 September 2024

New SITWG Terms of Reference: SRO approved SITWG Terms of Reference (v1.2) incorporating EWG content into SITWG from October onwards.

SIT Non-Functional Test Scenarios & Test Cases:

SRO approved SIT Non-Functional Test Scenarios & Test Cases Theme 3 (v0.2).

SIT Operational Test Scenarios & Test Cases Theme 3:

Programme provided an update on the deferral of the approval of the SIT Operational Test Scenarios and Test Cases Theme 3.

Programme also provided an update on SIT Progress Management and Scenario Planning.

SITAG papers available [here](#).

Qualification Advisory Group (QAG)*

QAG 22 August 2024

The following documents were approved by the Chair, acting with delegated authority of the MHHS Senior Responsible Owner (SRO), following endorsement from QWG:

Qualification Approach and Plan

Annex 1 Qualification Approach and Plan

Annex 2 Qualification Approach and Plan

Qualification Assessment Document

Non-SIT LDSO Test Data Plan

Non-SIT LDSO Test Scenarios and Test Cases

Programme also provided an update on SIT Progress and Programme Scenario Planning.

QAG papers available [here](#)

Migration & Cutover Advisory Group (MCAG)*

MCAG 25 July 2024

Migration Framework Consultation 2: The Chair, acting with delegated authority of the SRO, approved the Migration Framework Consultation 2 Outputs.

Programme Milestones related to MCAG: The Chair, acting with delegated authority of the SRO, approved Milestone T3-MI-0017, Migration Processes & Procedures, to move from 2 August 2024 to 22 October 2024.

Migration Framework Update: The Programme provided an update on the development of the Migration Framework.

IPA Update: The IPA provided an update on the Consequential Change assurance approach. MCAG papers available [here](#).

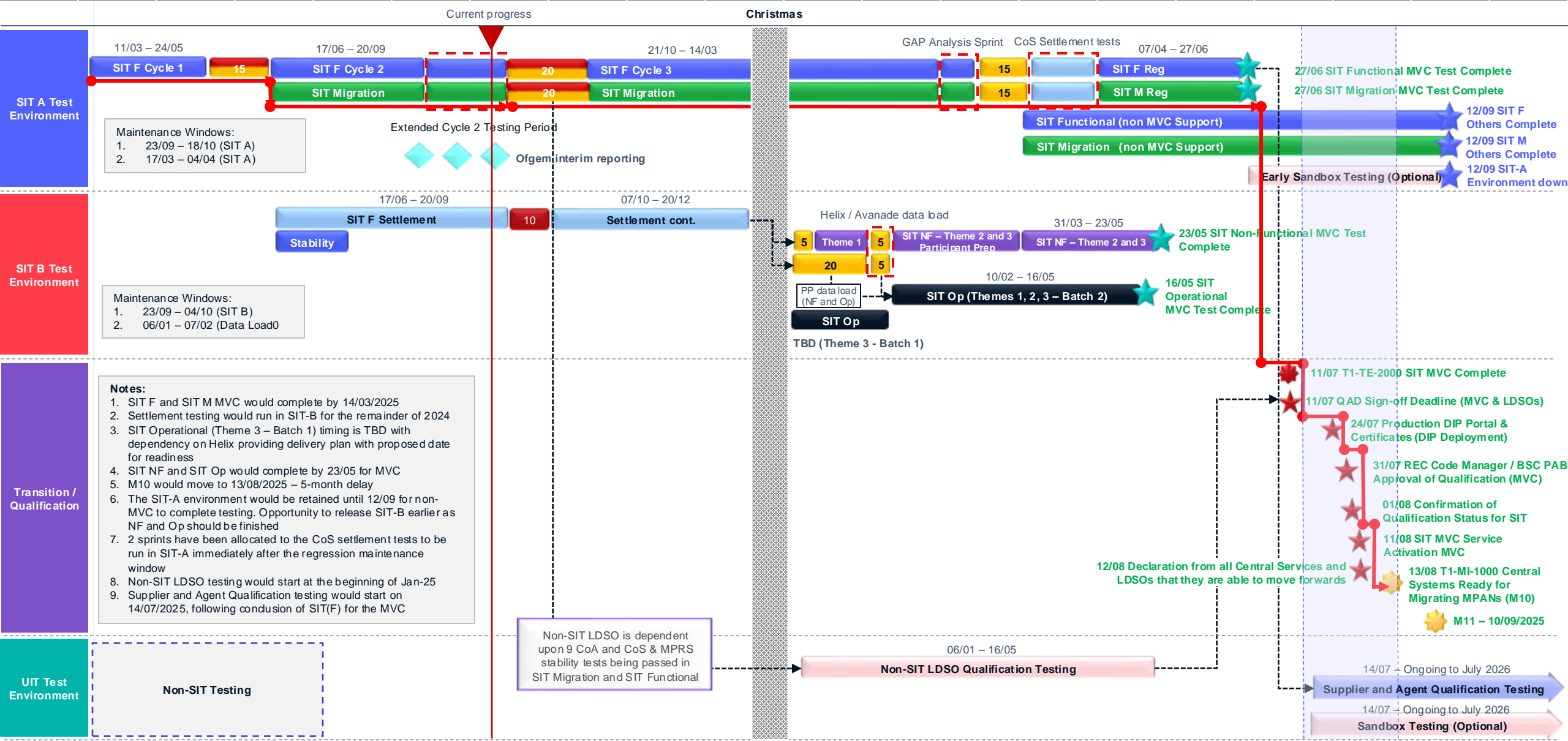
*SITAG, MCAG, QAG replaced the Testing and Migration Advisory Group (TMAG) in Q1 2024.

Proposed M10 timeline + critical path

2024

2025

Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct
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Key

- Maintenance window
- Data load only
- Parallel code uplift & data load
- Additional sprints
- Critical path
- Key dependency
- Ofgem Interim Reports

Planned engagement – 4-week forward look (as of 12-Sep-24)

Engagement will continue as normal through PPC bilateral sessions and governance groups where required

26 Aug	27 Aug	28 Aug	29 Aug	30 Aug
Bank Holiday	<div style="display: flex; justify-content: space-between;"> <div style="border: 1px solid black; background-color: #d9ead3; padding: 2px;">Cohort F execution modelling meeting</div> <div style="border: 1px solid black; background-color: #d9ead3; padding: 2px;">RECCo Account Meeting</div> </div>	<div style="display: flex; justify-content: space-between;"> <div style="border: 1px solid black; background-color: #fff2cc; padding: 2px;">Ofgem/IPA 'in person' meeting</div> <div style="border: 1px solid black; background-color: #d9ead3; padding: 2px;">Elexon Account Meeting</div> </div> <div style="border: 1px solid black; background-color: #d9ead3; padding: 2px; margin-top: 5px;">Code Body engagement session</div>	<div style="border: 1px solid black; background-color: #d9ead3; padding: 2px;">Avanade weekly catch up</div>	<div style="border: 1px solid black; background-color: #d9ead3; padding: 2px; text-align: center;">FTIG</div> <div style="border: 1px solid black; background-color: #fff2cc; padding: 2px; margin-top: 5px; text-align: center;">Present focal points and CR timescale</div>
02 Sep	03 Sep	04 Sep	05 Sep	06 Sep
		<div style="border: 1px solid black; background-color: #d9ead3; padding: 2px; text-align: center;">PSG</div> <div style="border: 1px solid black; background-color: #fff2cc; padding: 2px; margin-top: 5px; text-align: center;">Present focal points and CR timescale</div>	<div style="border: 1px solid black; background-color: #d9ead3; padding: 2px;">Avanade weekly catch up</div>	<div style="border: 1px solid black; background-color: #d9ead3; padding: 2px; text-align: center;">FTIG</div> <div style="border: 1px solid black; background-color: #fff2cc; padding: 2px; margin-top: 5px; text-align: center;">Present planning assumptions to FTIG</div>
Re-engage selected cohorts following execution modelling				
Feedback on modelling / clarify assumptions				
09 Sep	10 Sep	11 Sep	12 Sep	13 Sep
<div style="display: flex; justify-content: space-between;"> <div style="border: 1px solid black; background-color: #d9ead3; padding: 2px;">Code Body engagement session</div> <div style="border: 1px solid black; background-color: #fff2cc; padding: 2px;">IPA</div> </div> <div style="border: 1px solid black; background-color: #fff2cc; padding: 2px; margin-top: 5px; text-align: center;">Present initial view of timeline changes</div> <div style="border: 1px solid black; background-color: #fff2cc; padding: 2px; margin-top: 5px; text-align: center;">Present initial model</div>	<div style="border: 1px solid black; background-color: #d9ead3; padding: 2px; text-align: center;">QWG</div> <div style="border: 1px solid black; background-color: #fff2cc; padding: 2px; margin-top: 5px; text-align: center;">Present outcome of Code Body meeting</div>	<div style="display: flex; justify-content: space-between;"> <div style="border: 1px solid black; background-color: #fff2cc; padding: 2px;">Ofgem follow up meeting</div> <div style="border: 1px solid black; background-color: #d9ead3; padding: 2px;">Elexon Account Meeting</div> </div> <div style="border: 1px solid black; background-color: #d9ead3; padding: 2px; margin-top: 5px; text-align: center;">Engage St Clements</div> <div style="border: 1px solid black; background-color: #fff2cc; padding: 2px; margin-top: 5px; text-align: center;">Present proposed model to Ofgem</div>	<div style="display: flex; justify-content: space-between;"> <div style="border: 1px solid black; background-color: #d9ead3; padding: 2px;">Avanade weekly catch up</div> <div style="border: 1px solid black; background-color: #d9ead3; padding: 2px;">Industry Engagement session</div> </div> <div style="border: 1px solid black; background-color: #fff2cc; padding: 2px; margin-top: 5px; text-align: center;">Present proposed T1, T2 milestone changes</div>	<div style="border: 1px solid black; background-color: #d9ead3; padding: 2px; text-align: center;">FTIG</div> <div style="border: 1px solid black; background-color: #fff2cc; padding: 2px; margin-top: 5px; text-align: center;">Present proposed T1, T2 milestone changes</div>
16 Sep	17 Sep	18 Sep	19 Sep	20 Sep
<div style="border: 1px solid black; background-color: #f4cccc; padding: 2px; text-align: center; color: red;">Change Request submitted</div>		<div style="border: 1px solid black; background-color: #f4cccc; padding: 2px; text-align: center; color: red;">Change Board</div> <div style="border: 1px solid black; background-color: #fff2cc; padding: 2px; margin-top: 5px; text-align: center;">Present CR for approval</div>	<div style="border: 1px solid black; background-color: #333333; padding: 2px;">Avanade weekly catch up</div>	<div style="border: 1px solid black; background-color: #d9ead3; padding: 2px; text-align: center;">FTIG</div> <div style="border: 1px solid black; background-color: #f4cccc; padding: 2px; text-align: center; color: red; margin-top: 5px;">Change Request Webinar</div> <div style="border: 1px solid black; background-color: #fff2cc; padding: 2px; margin-top: 5px; text-align: center;">Present CR</div>

Key points and next steps

Key Point

Further information

We need your input

- To approve the Change Request Ofgem want evidence that, collectively, we all endorse the proposed plan in CR055.
- We want to get as much feedback up front as possible - the more feedback and evidence points we have on the proposed plan, the more we can refine it.
- Please feel free to contact the Programme directly via the PMO if you have any questions or feedback.

This is not the final plan

- This is a proposal at this stage – you have a chance to provide feedback through the Impact Assessment.
- All the feedback will be reviewed by the Programme and will be presented as a recommendation to PSG.
- We would then look for PSG to recommend to Ofgem that the final plan is approved.

Ofgem decision making

- This proposed plan is not endorsed by Ofgem or the IPA.
- Ofgem's endorsement only comes when they confirm their decision at the end of the Change Request process.
- Once again, your buy in and feedback is key as an evidence point in that decision, so please respond to the Impact Assessment.

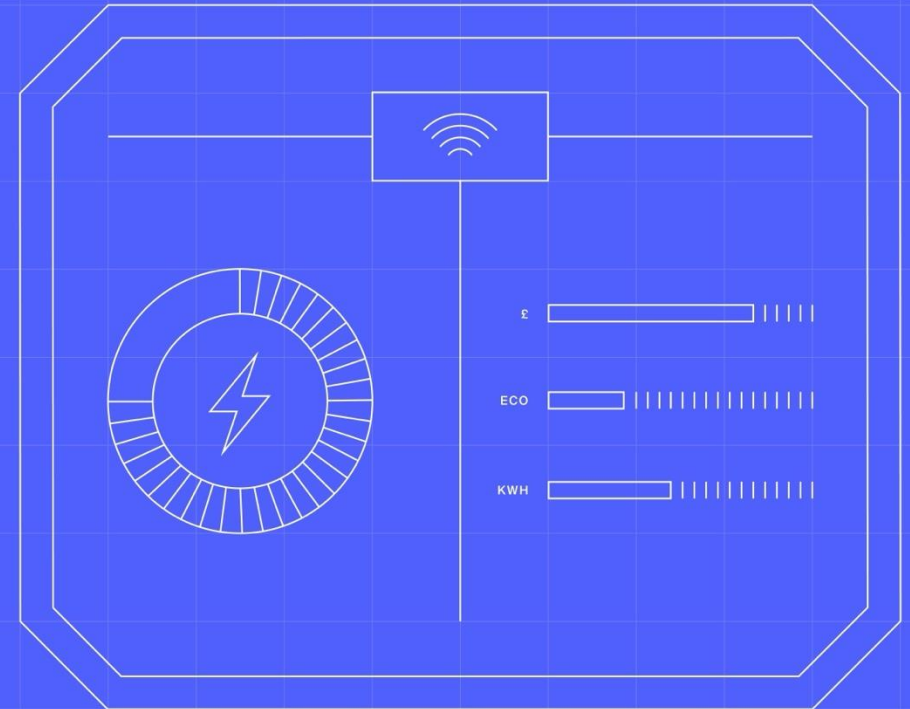
If you have any questions please do contact the PMO in the first instance – PMO@mhhsprogramme.co.uk

Horizon Scanning Log

DISCUSSION: Updates from all Code Bodies and the Programme on changes which may impact MHHS Programme

Programme & Code Bodies

20 mins





CCAG September 2024

- CUSC Verbal Update

Neil Dewar

Horizon Scanning Code Body Change Update DCUSA

Change Title DCP444		Additional settlement runs					
Change Summary:		To describe how settlement runs, that will cause Supercustomer DUoS Reports (REP-002/A/B) to be created and sent under MHHS, that were not previously created as D0030/D0314 flows, will be handled.					
Stakeholder positions:		Not known at this stage					
Date raised:	03/09/2024	Status:	New	Decision date:	December 2024	MHHS Impact:	Depends on the solution
Change Title DCP445		Implementation of Market-wide Half Hourly Settlement (MHHS) Arrangements					
Change Summary:		This Change Proposal will ensure that the appropriate obligations, processes and provisions for the new MHHS arrangements, which have been developed and consulted on as part of the MHHS Programme, are introduced into the DCUSA.					
Stakeholder positions:		This change proposal is the output from Stakeholder engagement during the MHHS Programme					
Date raised:	04/09/2024	Status:	New	Decision date:	11 December 2024	MHHS Impact:	Yes, this is the change proposal to support MHHS

Horizon Scanning REC Change Updates

Change Title		R0060 - ERDS Service Definition time zone correction					
Change Summary:		This change seeks to specify time zones within the Electricity Retail Data Service (ERDS) Service Definition, in order to capture the existing system operation in GMT and avoid confusion or delays in flow processing and systems becoming misaligned. This change is a legal text change only in the REC.					
		Update 18/09 – CP approved for implementation on 27 June 2025 by the Technical Expert Panel.					
Stakeholder positions:		Distribution Network Operators/ERDS Providers supportive					
Date raised:	28/02/22	Status:	Awaiting Implementation	Decision date:	28/08/2024	MHHS Impact	Interest

REC Releases with Horizon Scanning log changes included

23 August 2024 –

- R0121 - SDEP Review Improvements (1) - Process Types and escalation

06 September 2024 –

- R0181 – Schedule 14 - Metering Operations Footnote Review
- R0192 – Housekeeping Change

Further detail on releases can be found on the Release pages of the REC portal, [REC Releases - REC Portal](#)

Horizon Scanning REC Change Updates

Change Title		R192 – Housekeeping Change					
Change Summary:		<p>This change addresses typographical errors, as well as opportunities to provide clarity, improve consistency and accuracy across the REC Services and product. Some of the changes are to Schedule 14 - Metering Operations.</p> <p>Update 25/07: New CP raised and implemented on 06/09/2024. The housekeeping changes to Schedule 14 have been included in R0209 legal text.</p>					
Stakeholder positions:		n/a					
Date raised:	25/07/2024	Status:	Implemented	Decision date:	06/08/2024	MHHS Impact	Of interest

Change Title		I0205 - Provision of HH consumption data for Advanced Meter ETs					
Change Summary:		<p>This change issue has been raised to look at how a Supplier can reliably source HH consumption data, from the Losing Supplier, to support accurate billing of an Advanced Meter site, following an Erroneous Transfer being raised / agreed. The Supplier needs to have access to HH consumption data for the ET period when they were not the registered supplier.</p> <p>Update 18/09 – New CP raised.</p>					
Stakeholder positions:		TBC					
Date raised	02/08/2024	Status	New	Decision date	TBC	MHHS Impact	Interest

Horizon Scanning REC Change Updates

Change Title		R0207 - Import / Export MOA Charging Clarification					
Change Summary:		BSC Mod 459 and REC R0144 were raised to allow different MOAs to be appointed for the import and export MPANs on a shared meter. One of the justifications for this was to stop export suppliers being charged inflated rates. This change has been raised to specifically resolve the charging issue. Update 18/09 – New CP raised.					
Stakeholder positions:		TBC					
Date raised	02/08/2024	Status	New	Decision date	TBC	MHHS Impact	Interest

Change Title		R0208 - Adding the DIP Rules to the CCSG Terms of Reference					
Change Summary:		This change will ensure that the DIP Manager, as the Code Manager equivalent organisation responsible for the DIP and associated DIP Rules, is recognised as a Cross Code Steering Group (CCSG) member. Update 18/09 – New CP raised.					
Stakeholder positions:		TBC					
Date raised:	08/08/2024	Status:	New	Decision date:	TBC	MHHS Impact	Interest

Horizon Scanning REC Change Updates

Change Title		R0209 - Implementation of MHHS Arrangements					
Change Summary:		<p>This change is the main Significant Code Review CP for the REC to implement the MHHS arrangements.</p> <p>Update 18/09 – New CP raised. Change report and plan being considered by CHange Panel on 17/09. Consultation planned to be issued on 18/09/2024.</p>					
Stakeholder positions:		Supportive					
Date raised	02/08/2024	Status	New/ Consultation	Decision date	11/12/2024	MHHS Impact	Direct impact

Horizon Scanning Code Body Change Update BSC

Change Title		P478 - Implementation of Market-wide Half Hourly Settlement (MHHS) Arrangements					
Change Summary:		<p>This Modification proposes changes to the BSC to enable the Market-Wide Half-Hourly Settlement (MHHS) arrangements.</p> <p>This Modification proposes to implement the appropriate obligations, processes and provisions for the new MHHS arrangements into the Balancing and Settlement Code (BSC) as approved by CCAG, except for:</p> <ul style="list-style-type: none"> • Elexon identified a version control error in relation to BSC Section L: Metering. The version baselined by the CCAG (drafted on version 25) on 21 August did not include the revisions introduced by modification P432 ‘Half Hourly Settlement for CT Advanced Metering Systems’ with effect from 15 April 2024 (version 29). Consequently, the CCAG version is not implementable against the current baseline and so a revised version of Section L (drafted on version 29) has been drafted and included in P478. • As part of a final review of the market messages and associated data items held within the Energy Market Data Specification (EMDS), it was identified that 13 Scenario Variants (SVs) should be BSC owned but were marked as REC owned in the version approved under MHHS Programme governance. These SVs involve Asset Metering Virtual Lead Parties (AMVLPs) which relate to BSC Asset Metering processes, unrelated to MHHS. Elexon (as MHHS Participant), the Retail Energy Code (REC) and the MHHSP agree that these messages should be BSC owned. Therefore, the REC has updated these items to be correctly owned by the BSC. • Elexon has also identified an inconsistent drafting error in BSCP702, which we recommend is corrected as part of this Modification. Paragraph 4.3.7 uses the gender pronoun ‘his’, which is not consistent with the drafting practice to use gender neutral pronouns. 					
Stakeholder positions:		Panel initially recommend approval					
Date raised	4 September 2024	Status	Consultation	Decision date	Est. Dec 24	MHHS Impact	Required as part of MHHS plan

Horizon Scanning Code Body Change Update BSC

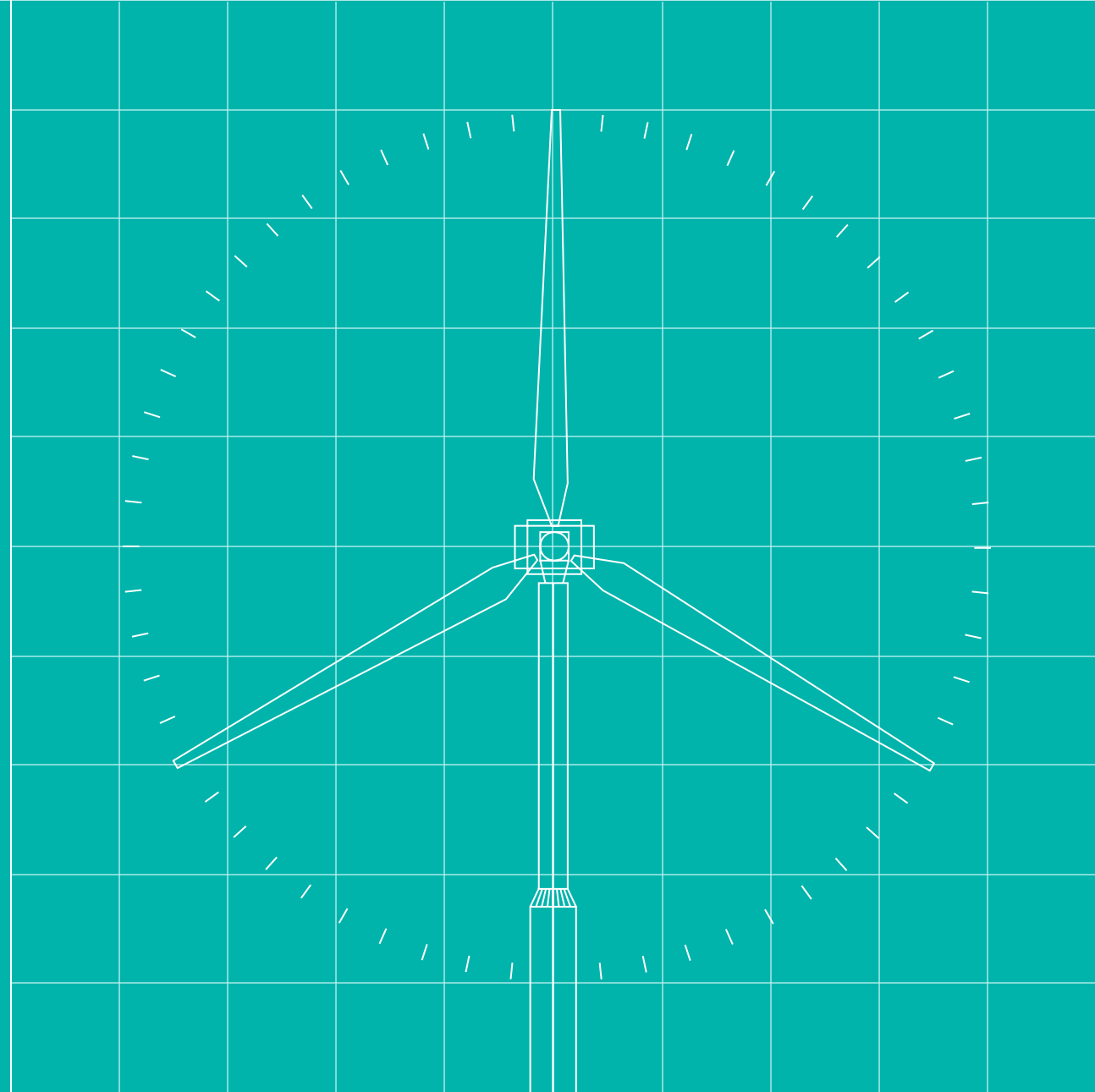
- Ofgem approved P474 'Ongoing governance, funding and operation of the Data Integration Platform (DIP)' for implementation on 1 October 2024
 - Phased implementation
- P476 'Exemption from MHHS Requirements for Smart Market Segment Supplier Qualification' is with Ofgem for decision. Ofgem expected to make decision by 29 Jan 25
- P477 'Introducing data protection provisions that facilitate processing of personal data under the Market-wide Half Hourly Settlement arrangements' due to be issued to Ofgem for decision in October 2024
- To support the management of BSC Changes post-M7:
 - We are intending to revise the Supplier Volume Group (SVG) membership to ensure good balance of 'new and old world' knowledge
 - Review SVG Terms of Reference to require due consideration of the impacts of Change Proposals (CPs) on MHHS qualification and migration
 - Ensure Ofgem's SCR powers extend to Change Proposals (to subsume/exempt CPs)

DIP Governance

Information: DIP Governance Update

Code Bodies (Chris Wood)

20 mins



ELELEXION

DIP Rules Implementation to M16

Explanation of how the DIP Rules fit in with the BSC, their staggered implementation and dual running period

25 September 2024

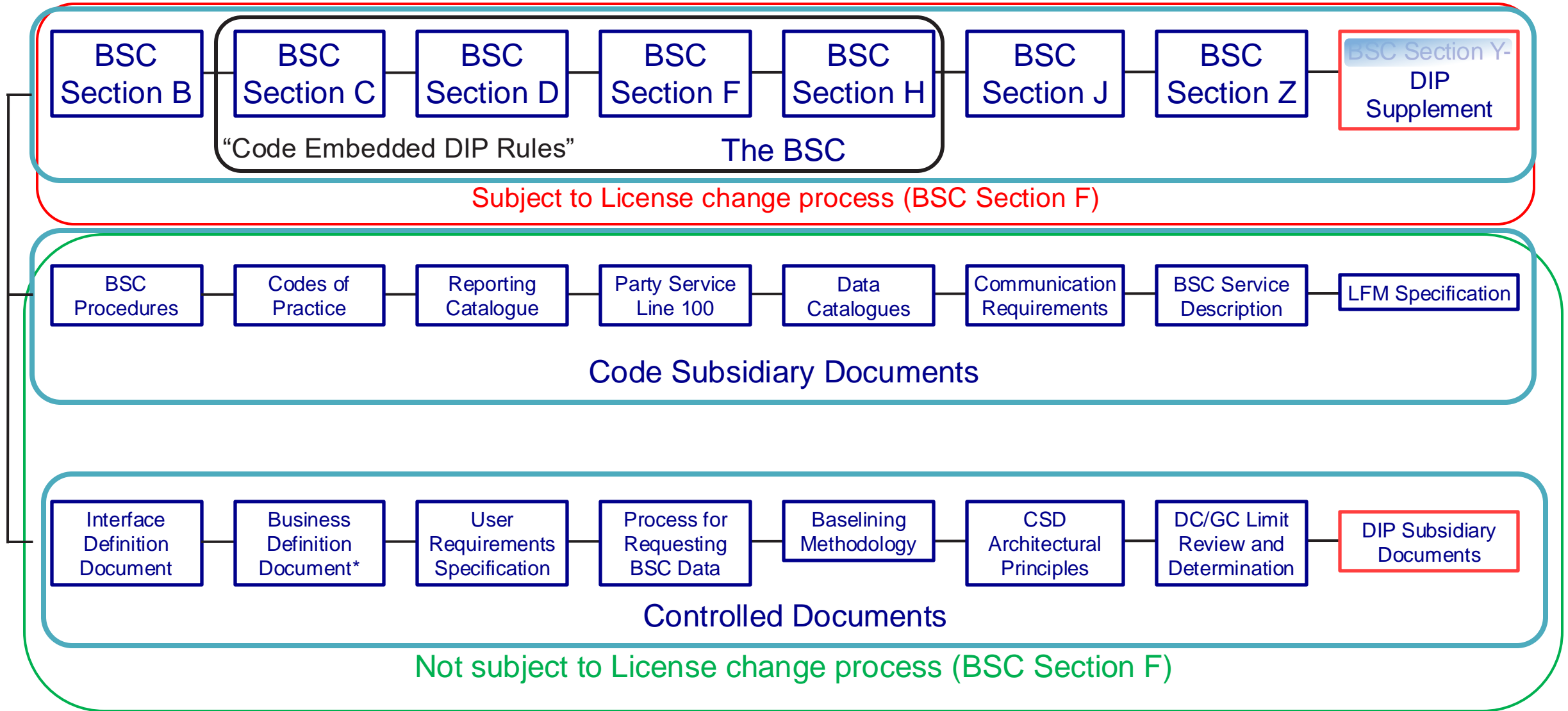


DIP RELATIONSHIP TO THE BSC

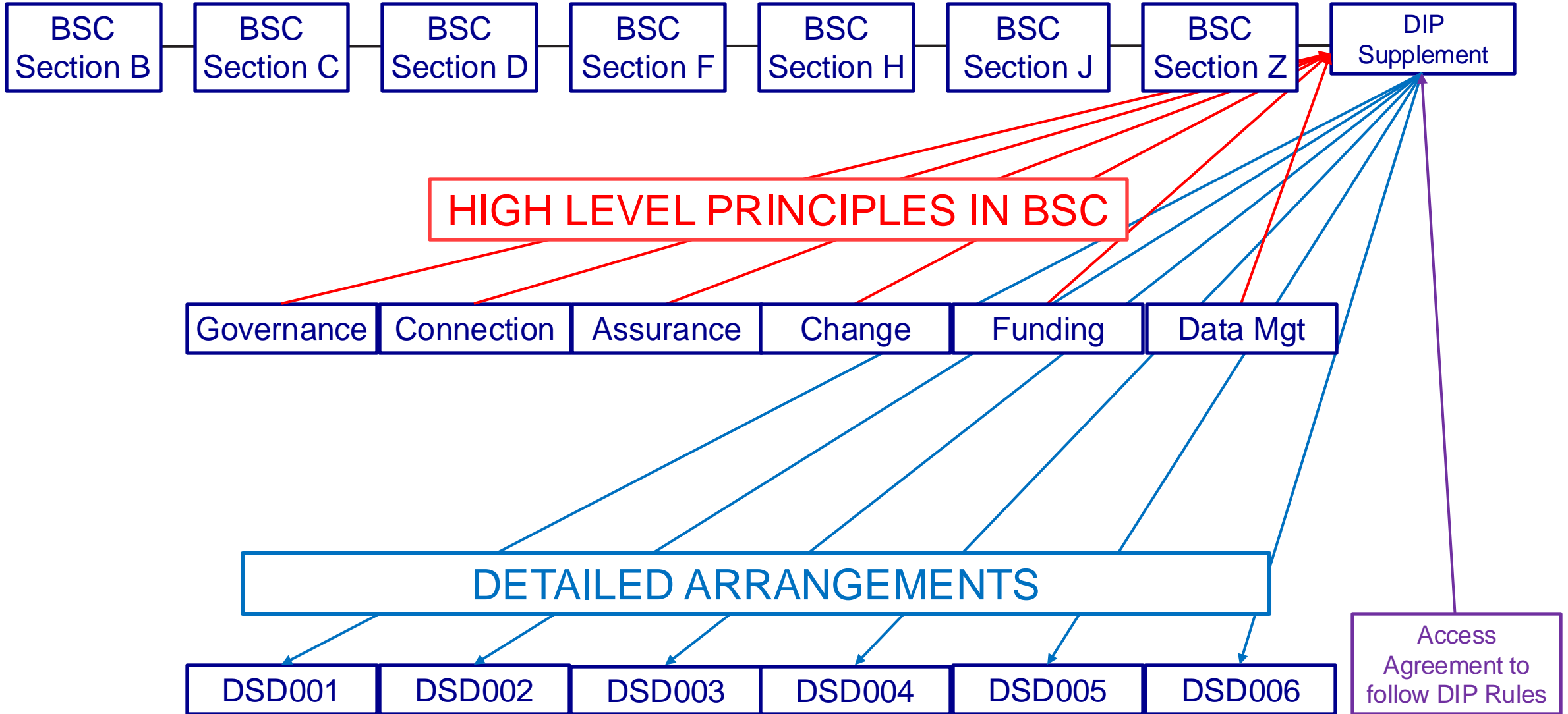
DIP Rules Points to note

- DIP Supplement is very high level, detail is and pushed down to DSDs
- “Code Embedded DIP Rules” are parts of the BSC that are equally applicable to the DIP Rules and/or enable the DIP Rules
 - Section C – Liability of the DIP Manager to DIP Users and capacity of the DIP Manager
 - Section D – Invoicing and ability to recover costs
 - Section F allows all DIP Users (including non-BSC Parties) + DIP Manager to raise Modifications in relation to the DIP Rules
 - Section H6 – Liability of DIP Users to each other, DIP Rules dispute resolution, transfers to rights or obligations under the DIP Rules, waivers, third party rights, and general governance.
- Changes to the DIP Supplement and Code Embedded DIP Rules are not Self-Governance
 - Obligate Panel to formally seek DIP Manager and/or DCAB’s views for changes to DIP Supplement

BSC Structure post-DIP Implementation



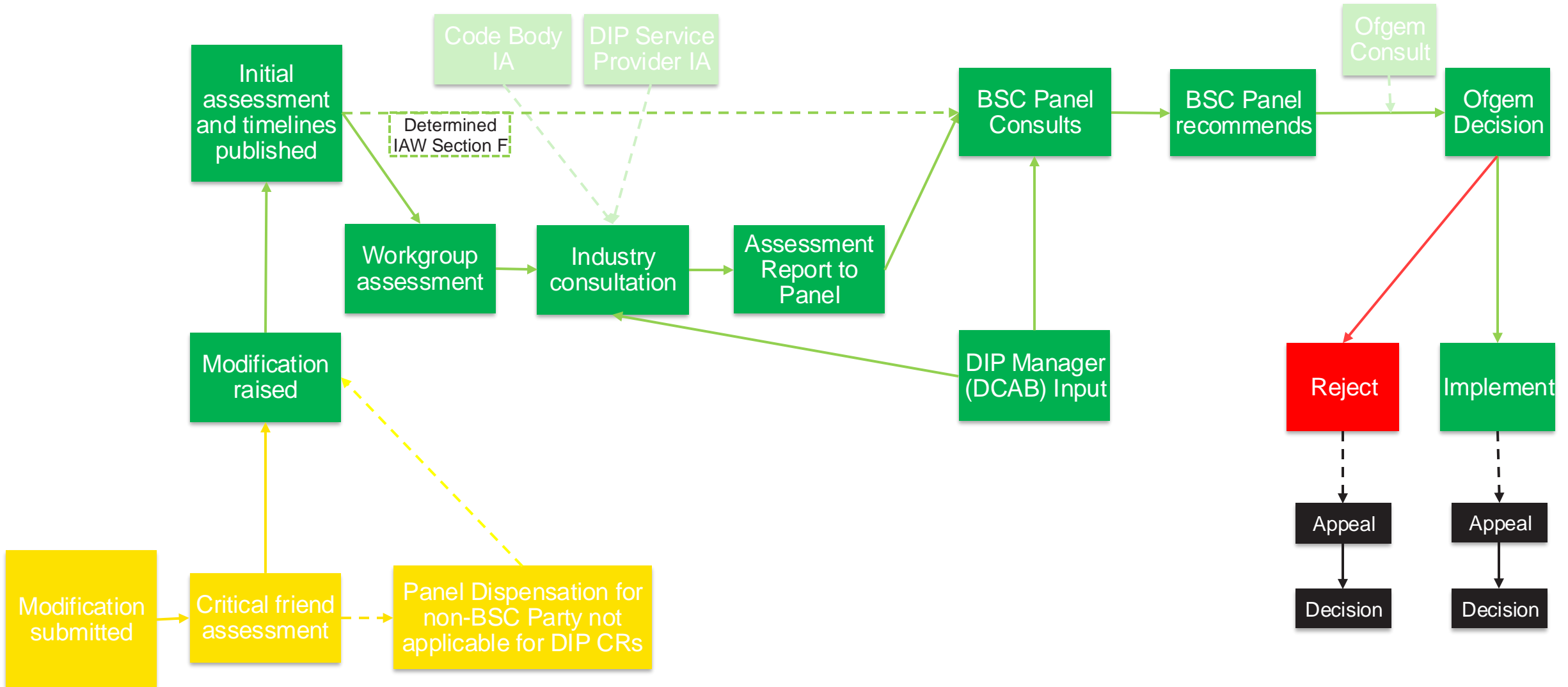
The DIP Rules



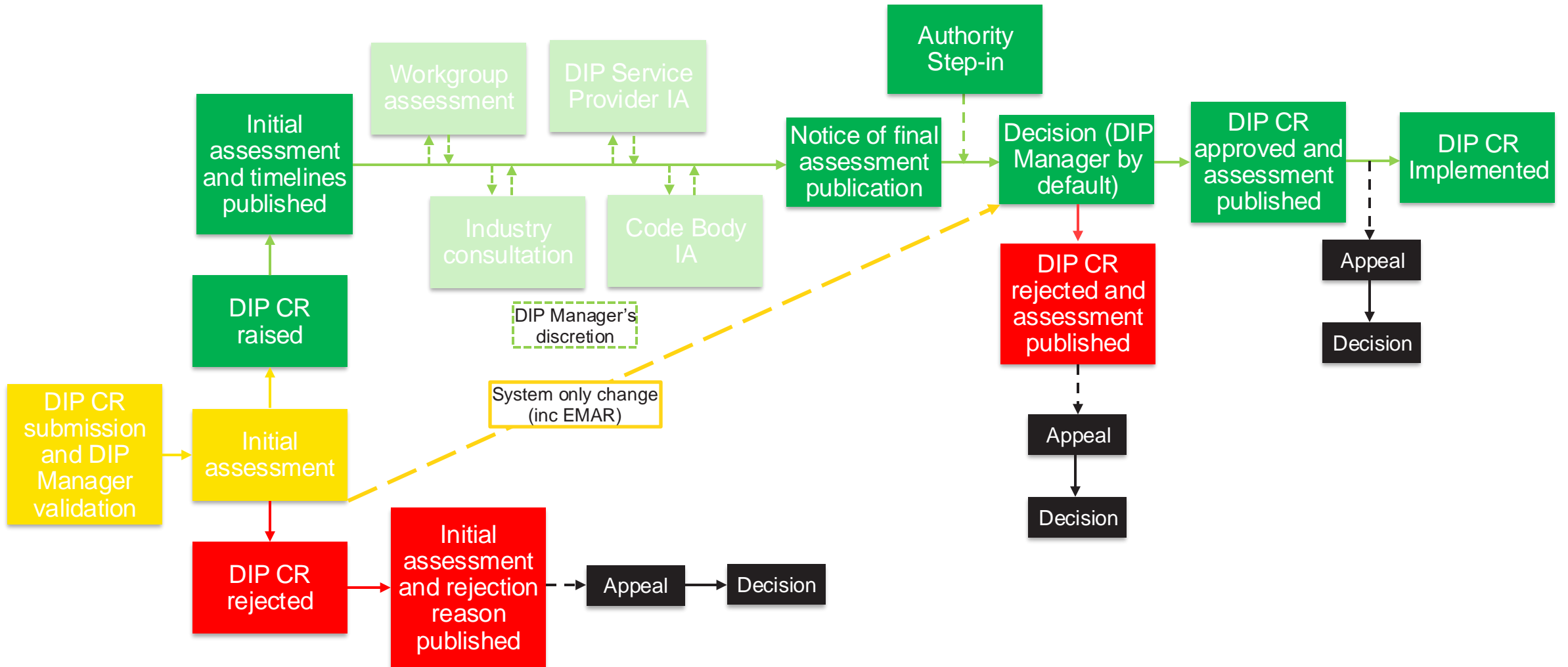


CHANGE MANAGEMENT

DIP Change Process – Change to DIP Supplement



DIP Change Process for changes to DIP Subsidiary Documents (DSDs) and the DIP



DIP Change overview

- 3 x Types of change:
 - Material impact on DIP Users – approved by DCAB
 - Non- material – approved by DIP Manager
 - DIP Supplement – follows BSC Section F and requires IA by DIP Manager/DCAB as appropriate, can't be self-Governance
- Change steps
 - Submission – online via service desk from either DIP User (inc Code Bodies), DIP Manager, or third party
 - Validation – critical friend review
 - Initial assessment and raising
 - Further Assessment if Required
 - Final Assessment and determination
 - Implementation of the DIP CR
- Change Costs
 - Mutualised where majority of DIP Users will benefit/be impacted
 - Pass-through for small number of beneficiaries

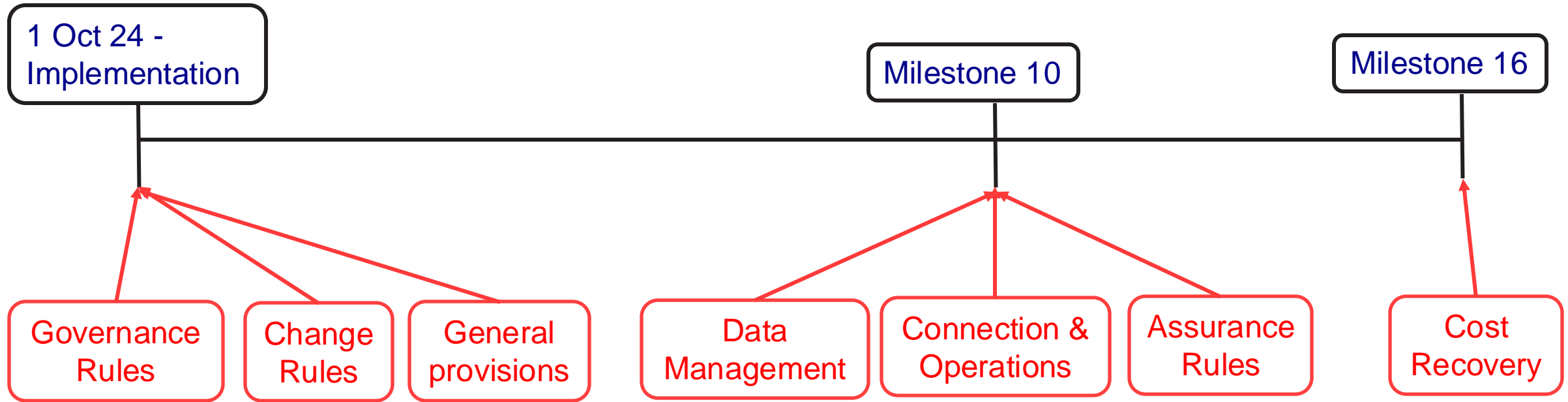


DIP RULES IMPLEMENTATION

Governance implementation

- Establishment of DIP Rules
- Decision by Ofgem – 11 Sep 24
- Implement DIP Rules from – 1 Oct 24
 - ‘DIP Rules First Compliance Date’ – defined term to stagger implementation
- Dual Running
 - Changes by mutual agreement, but with MHHS ‘Primus inter pares’ – 1 Oct 24 to M10
 - DIP Manager takes responsibility for DIP management, including changes – M10
 - DIP Delivery Team support DIP Manager, effectively reversing ‘Primary’ role – M10 to M16
 - DIP Manager solely responsible for DIP, including Funding – M16
- Liaison with Code Bodies and MHHS and follow DIP Change process
 - Consequential DIP Change Requests to raised by Code Bodies/MHHS/DIP Manager as required
- Backlog/Programme changes
 - Five items previously identified, MHHS CRs and DINs

Implementation Timeline



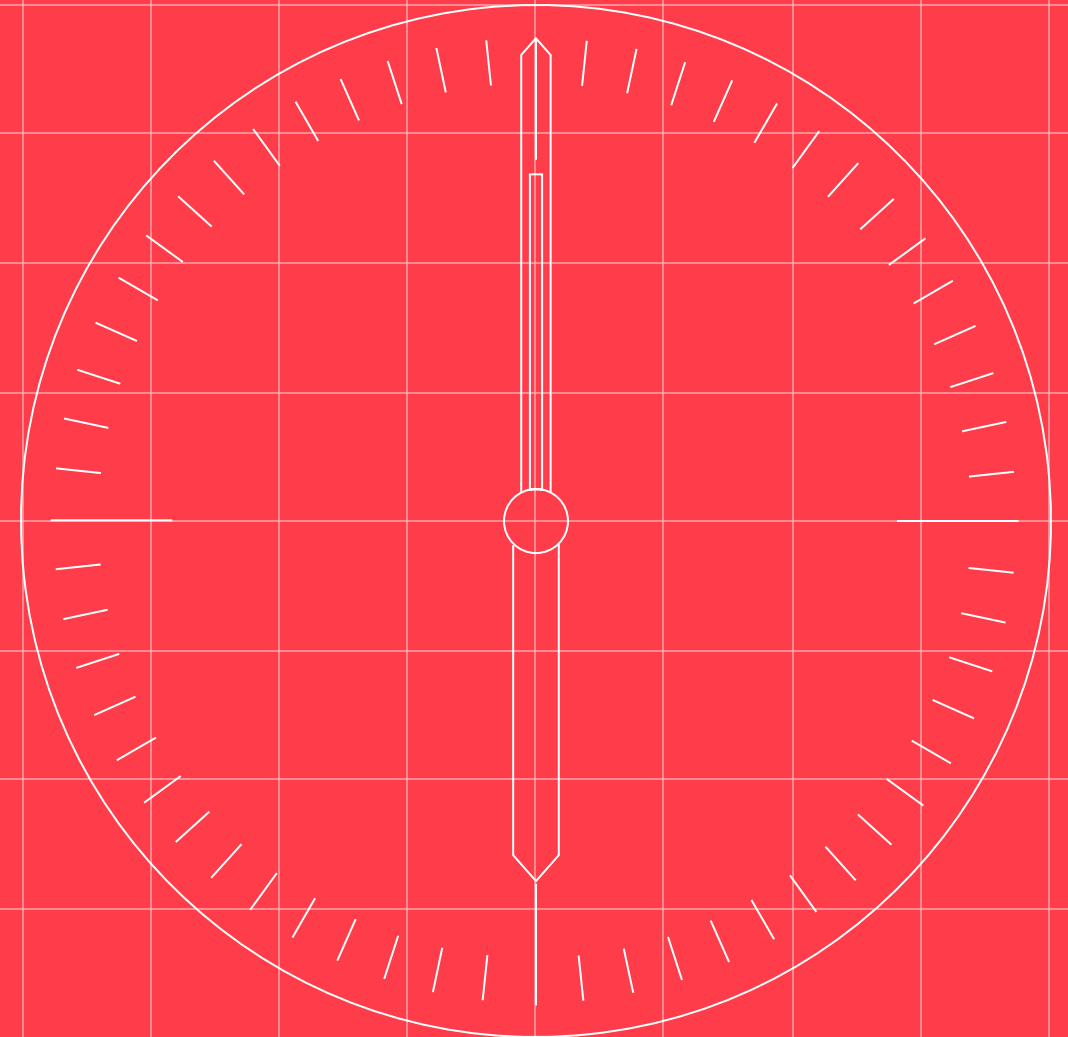
Reporting Milestone, CCAG Risks and Post- M6 Change

INFORMATION / DISCUSSION:

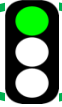
- Programme milestone status, risks and Post M6 Code Change Activities

Programme (Andrew Margan)

15 mins



MHHS Programme – Code Workstream Summary



Overall Status

- M6 Code Drafting Workstream activities are complete
- M7 Ofgem SCR activities have started with new BSC, REC and DCUSA changes being raised.
- M8 activities are on track, although M10 delivery date is at risk
- Post-M6 Code change process and DIN analysis started



September Summary

- Develop post-M6 work off items and Code change process
- Support and monitor M7 relevant SCR Modifications delivery
- Support and monitor M8 BSC/REC/DCUSA implementation activities



October Deliverables

- Progress past-M6 work off items and change process
- Support M7 relevant SCR Modifications delivery
- Support M8 BSC/REC/DCUSA implementation activities

Mstn Ref	Drafting Milestones	Baseline date	Forecast date	Status
T3-RE-0550	Code changes baselined (M6)	23/08/24	23/08/24	Complete
T2-RE-0600	Ofgem decisions on M6 baselined code modification proposals (M7)	11/12/24	11/12/24	Green
T2-RE-0650	Code changes delivered (M8)	07/03/25	07/03/25	Red

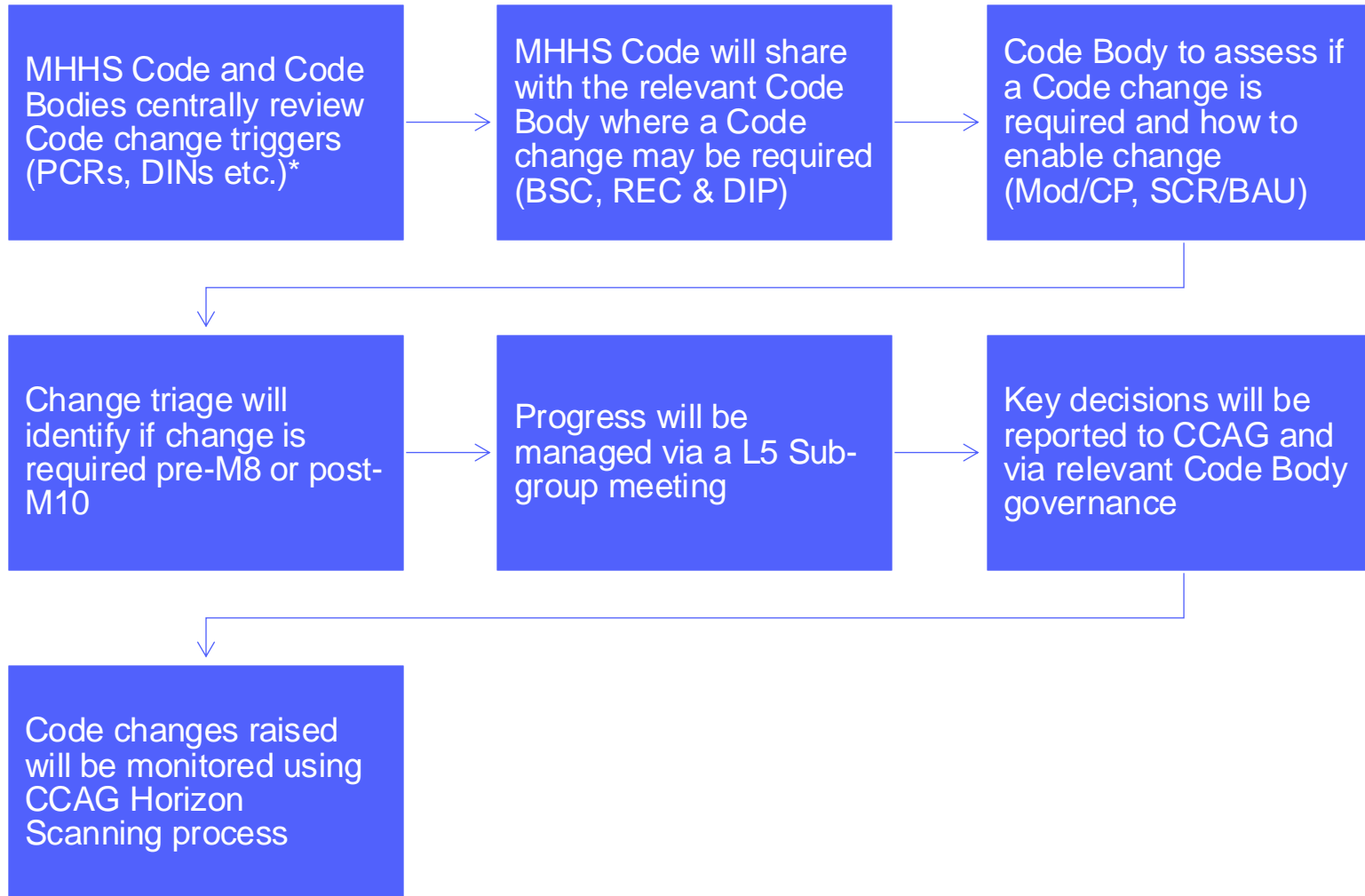
Top Programme Risks related to CCAG

Theme	Summary	Mitigation Approach Overview
Top risks to the Code Workstream	The main risk to Code delivery is late changes, which Code needs to reflect, e.g. through PCRs and/or testing or issues during the SCR process	<ul style="list-style-type: none"> Monitoring triggers to Design and Code change and ensuring there are mechanisms to make changes within the Programme timescales Front load SCR processes, so that issues are identified earlier and within timescales that don't delay the milestone timescales

		Key Risks																										Current score movement since last CCAG	Mitigation Plan
Risk ID	Risk Description	Risk Score Assessment																											
		Critical						High						Medium						Low									
		30	29	28	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3
R966	There is a risk that Code Drafting over and above the M6 baseline will be required for Service Management to ensure industry parties are appropriately obligated to take action																									New item	1) Plan for analysis of Helix Service Management deliverables and likely Code drafting activity		
R202	There is a risk that Programme testing (CIT/SIT) may identify changes to baselined code and require code updates and further code releases after initial code changes have been approved																									No change	1) Monthly meeting in place between Test and Code to monitor likely volume of changes to Design and by association Code 2) To ensure the change control process is followed correctly and test item volume known by Code team 3) Ongoing engagement on how code change will be managed		
R485	There is a risk that the Design or queries related to Design are not completed or provided in time and as a result do not provide the information required to enable Code drafting delivery																									No change	1) Design process (DIN Process) set up to resolve Design queries 2) Amend Code Drafting Plan to accommodate outstanding Design areas 3) Monitor DIN Volumes 4) Code is baselined against a point in time and after this time, changes are picked up by a CR or post M6 agreed process.		
R920	There is a risk that Code Drafting (specifically the Energy Market Data Specification) does not reflect the intended MHHS design. This risk is specific to Swagger's alignment with for example DES138.																									No change	The Programme recognises the risk in the context of Code drafting, it has always been the intention of the Programme to keep both documents aligned where appropriate, PP have been told to develop against Swagger where inconsistencies are identified. the DIN process has worked effectively to address any misalignment and this will continue going forward.		

Key	
I	Initial Score
C	Current Score
T	Target Score

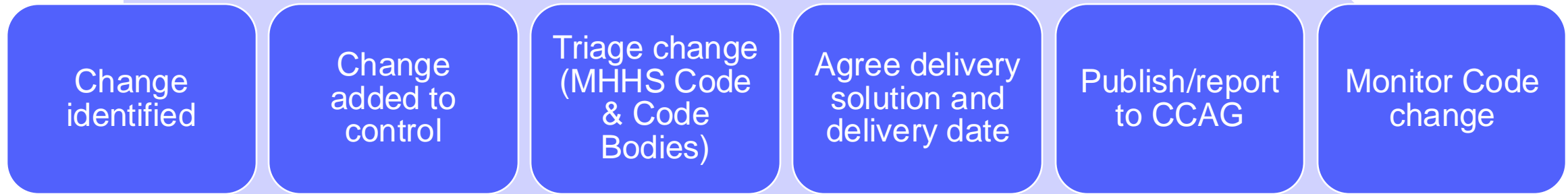
What is the post-M6 Code change strategy and principles?



- ### Principles
1. Proposed BAU change preferred. SCR may be used if change deemed....
 - To require a cross-code solution
 - Compressed timescales required
 - Change is too 'large/complex' for a standalone BAU change
 2. Code Body will raise and progress the Code change
 3. Progress communicated to CCAG monthly
 4. MHHS Code will communicate and co-ordinate with other Programme workstreams

What will be the Code change process post-M6 for pre-M8 change?

High-level Process



Key Points

MHHS Code and Code Body will identify, assess and triage changes – (DINs, PCRs and 'Code only')

Items requiring change will be logged on central control (Post M6 Change Control Matrix)

The control will centrally cover BSC, REC, DCUSA and DIP (other codes if required)

The control will be published on the MHHS Code collaboration base and updates presented to CCAG

Code Body changes raised will be monitored at CCAG via the Horizon Scanning process

How will MHHS Code change be controlled?

Post-M6 Change Control (still to be fully populated)

The control will centrally capture and track all Code change

Post M6 Workoff Matrix																		
Ref	Input Category	Ref	Title	Subject	Description	Code	Status	Delivery owner	Delivery solution	Mechanism	PCR status	Proposed DD	Agreed DD	Milestone	MHHSP impact	Core Code	Priority	Status
1	Programme CR	CR54	CR054 Change to Non-Functional Requirements	LDSO Non Functional design/code changes	Amend LDSO Non functional requirements for system processing volumes	DIP	Design and Code update required	DIP Manager			PCR already raised			Pre-M8	Yes	N/A		Open
2	DIN log		Interim Release 8.2	Design update	Testing defects and amendments to Design	BSC, REC	Code update required	BSC, REC			PCR not required							Open
3	Code only		BSC Section L	Redlining on a paragraph that was removed by P432	MHHS text needs to be updated and drafted on the latest version of Section L	BSC	Code update required	BSC			PCR not required			Pre-M8	No	BSC Section Appendix		Open
4																		

Control Key Points

Capture input of where change has originated

Title and description of change included

Impacted Code

Change vehicle – e.g. SCR, BAU and/or Mod/CP

Delivery date

Status

Other

Changes pre-M8 are likely to a BAU CP

Complex cross-code changes may require the use of SCR powers - (not currently identified)

Post-M10 change process is still in discussion with Programme and Code Bodies

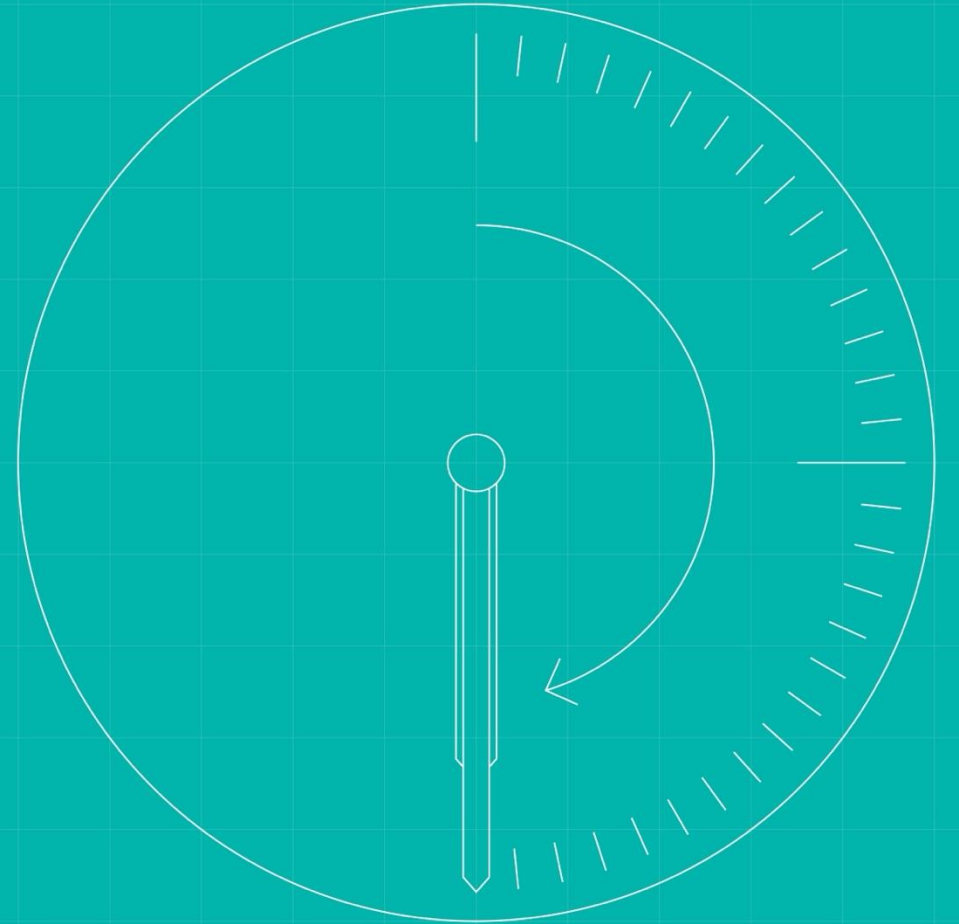
Control should be published next month

M7 Delivery Update

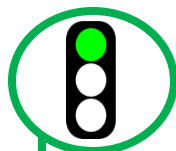
INFORMATION: Update for Ofgem M7 delivery

Ofgem (Andy McFaul)

10 mins



MHHS Programme – Ofgem M7 Delivery Summary September 2024



Overall Status

- M7 is on track following the BSC, REC and DCUSA change proposals being raised on time and per the Programme plan



Month Summary

- Ofgem raised BSC, REC and DCUSA SCR modifications on 4 Sep
- These have been discussed by the relevant Panels noting DCUSA Panel meeting is 18/9
- The BSC and REC proposals have been issued for industry consultation



Next Month Deliverables

- BSC and REC consultations will close and the code bodies will begin to prepare Final Change Reports
- After the October Panel meeting, the DCUSA voting period begins

Mstn Ref	Drafting Milestones	Baseline date	Forecast dates	Status
6454	Ofgem to publish each Direction to each code body specifying the timetable for each modification	Wed 28/08/24	Wed 4/09/24 for BSC, REC and DCUSA	Complete
6455	Formally submit Modification Proposal Forms and legal texts to each code body	Wed 28/08/24	Wed 4/09/24 for BSC, REC and DCUSA	Complete
6456	Each Code Body publishes and issues Mod Proposal Forms	Mon 02/09/24	Thu 05/09/24 for BSC; Tue 10/09/24 for REC; 19/09/24 for DCUSA	Complete
6457	Each Code Body sends Mod Proposal Forms to Panels	Mon 16/09/24	Thu 05/09/24 for BSC; Tue 10/09/24 for REC; Wed 11/09/24 for DCUSA	Complete
6458	Modification Proposal approved by Panel for Consultation	Tue 17/09/24	Thu 12/09/24 for BSC; Tue 17/09 for REC	Green
6459	Draft Modification Report issued for consultation	Wed 18/09/24	Fri 13/09/24 for BSC; Wed 18/09/24 for REC	Green
6460	Consultation close-out for representations	Wed 09/10/24	Sun 13/10/24 for BSC; Wed 09/10/24 for REC	Green
6461	Each Code Body reviews consultation response and drafts Modification Report	Wed 23/10/24	14/10/24-30/10/24 for BSC; 10/10/24-29/10/24 for REC	Green
6462	Final Modification Reports sent to Panels for decisions	Thu 24/10/24	Wed 30/10/24 for BSC; Tue 29/10/24 for REC	Green
6463	Modification Panel decisions	Thu 07/11/24	Wed 06/11/24 for BSC; Tue 05/11/24 for REC	Green
9518	Code Bodies Submit Final Modification/Change Reports	Fri 08/11/24	Thu 07/11/24 for BSC and REC; Fri 08/11/24 for DCUSA	Green
4088	Ofgem decisions on M6 baselined code modification proposals (M7)	Wed 11/12/24	Wed 11/12/24	Green

Confirmed SCR timelines

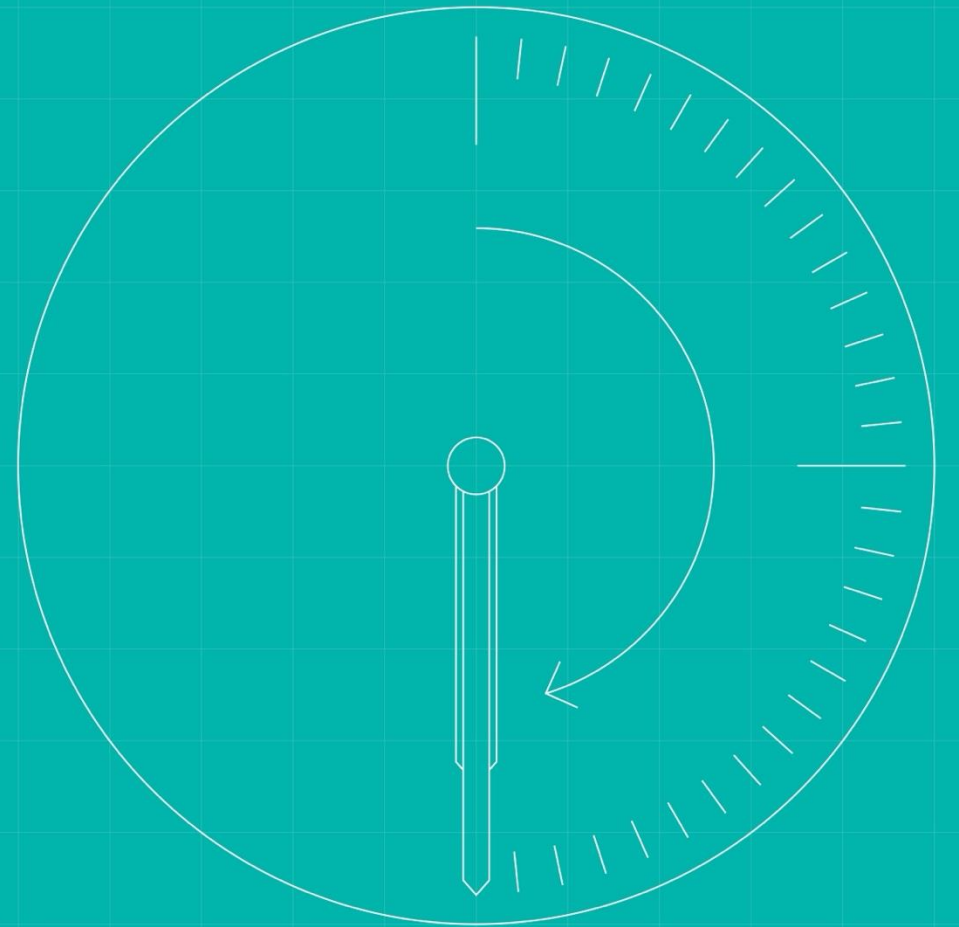
Code	Authority submits Authority-Led SCR modification proposal	'Papers day'	First Panel meeting	Consultation/IA/ Voting period begins	Consultation/IA/ Voting period ends	Second Panel meeting	Final Modification/ Change Report sent to the Authority
BSC	4 September	5 September	12 September	13 September	13 October	6 November	7 November
REC	4 September	10 September	17 September	18 September	9 October	5 November	7 November
DCUSA	4 September	11 September	18 September	17 October	7 November	16 October	8 November

M8 Code Implementation Update

INFORMATION: Update from Code Bodies for M8 Code Implementation/go-live

Code Bodies (Andrew Wallace), (Lawrence Jones)

10 mins



MHHS Programme – M8 Milestones



Overall Status

- M8 on track for March 2025 delivery (dates subject to change via Programme CR55 and flagging amber on several milestones until new dates confirmed).
- M8 scope includes REC changes covered by the SCR, implementation of REC consequential CPs* that are progressed outside of the SCR and REC CAT 3 changes



Month Summary

- Ofgem submitted SCR modification proposal and directed REC CP dates on 4 Sept
- REC CP R209 - [Implementation of Market-wide Half Hourly Settlement \(MHHS\) Arrangements - REC Portal](#) raised and sent to REC Change Panel ahead of it being issued to consultation (expected 18 Sept).
- REC CP R0202 - [Performance Assurance Report Catalogue Updates \(MHHS\)](#) issued for IA (required for M8)
- Updated CAT 3 POAP v1.3 included in CCAG pack with version control notes to explain updates from v1.2.



Next Month Deliverables

- Review R209 consultation responses. Issue Change Report to REC Change Panel for its review on 5 Nov..
- Review and update REC Release Plan as required to account for CR55.
- Review impacts of CR55 extended Change Freeze on delivery of other REC CPs during 2025.
- Continue to work with Programme on M6 Work Off plan and post M10 change process.

Mstn Ref	Drafting Milestones	Baseline date	Forecast date	Status
2224	Deliver MHHS Code Changes	Tue 12/11/24	Tue 12/11/24	Green
3699	Releases	Tue 12/11/24	Tue 12/11/24	Green
3700	Impacted codes make resourcing provisions and prepare to implement new Code via internal code body change processes	Tue 12/11/24	Tue 12/11/24	Green
	Last date to raise CP before M8	tbc	tbc	Amber
3701	Main Code Release	Fri 28/02/25	Fri 28/02/25	Amber
3702	Release preparation (e.g. preparing release documentation)	Fri 28/02/25	Fri 28/02/25	Amber
3703	Implement new code on day of code release	Fri 07/03/25	Fri 07/03/25	Amber
3707	Code changes delivered (M8)	Fri 07/03/25	Fri 07/03/25	Red

*Required REC CPs outside of MHHS SCR Process
[REC CP R0044 - MHHS Programme Changes required to Central Switching Service](#)
[REC CP R0083 - Changes to Supply Number Format for MHHS](#)
[REC CP R0097 - Consequential Change for CSS Smart Meter Data Retriever Appointments](#)
[REC CP R202 - Performance Assurance Report Catalogue Updates](#)

MHHS Programme – M8 Milestones



Overall Status

- On track to deliver MHHS BSC code artefacts at M8, noting the recalibration of M10, which will move M8 delivery by 5 months



Month Summary

- Ofgem raised P478 ‘Implementation of MHHS Arrangements’ on 4 Sep 24
- P478 issued for one month consultation on 13 Sep 24
- We would like to draw to CCAG’s attention that the following corrections were made to the BSC drafting:
 - Updated Section L to allow for P432 implementation
 - The owner of 13 scenario variants in EMDS related to Asset Metering moved from REC to BSC



Next Month Deliverables

- P478 consultation closes 13 Oct 24
- Review consultation responses
- Ofgem to decide what, if any, changes to make to the legal text in response to the consultation

Mstn Ref	Drafting Milestones	Baseline date	Forecast date	Status
2224	Deliver MHHS Code Changes	Tue 12/11/24	Tue 12/11/24	Green
3699	Releases	Tue 12/11/24	Tue 12/11/24	Green
3700	Impacted codes make resourcing provisions and prepare to implement new Code via internal code body change processes	Tue 12/11/24	Tue 12/11/24	Green
	Last date to raise CP before M8		TBC	Amber
3701	Main Code Release	Fri 28/02/25	Fri 28/02/25	Amber
3702	Release preparation (e.g. preparing release documentation)	Fri 28/02/25	Fri 28/02/25	Amber
3703	Implement new code on day of code release	Fri 07/03/25	Fri 07/03/25	Amber
3707	Code changes delivered (M8)	Fri 07/03/25	Fri 07/03/25	Red

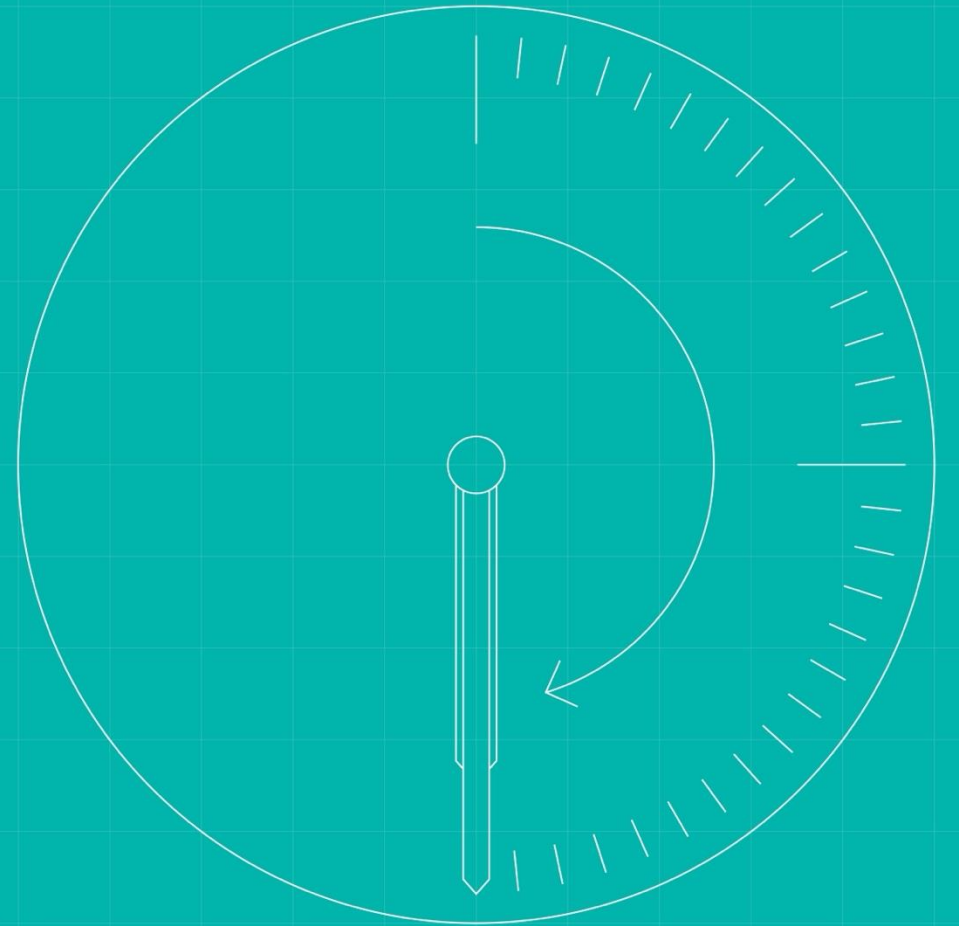
MHHS SCR Change <https://www.elexon.co.uk/mod-proposal/p478/>

Code Meeting Cadence

DECISION – to discuss future Code workstream meeting cadence and approach

Programme (Andrew Margan)

10 mins



Proposed Code Governance Model – Post M6

CCAG (L3)

- Required for
 - Horizon Scanning
 - Escalations
 - M7/M8 monitoring and reporting
 - Post M6 change

CDWG (L4)

- Likely meetings are not required
- Meetings will be hosted as required

Sub-groups (L5)

- Specific subjects will continue to have meetings as required, e.g. M7/M8 Ofgem/Code Body delivery meetings

Recommendation - for decision

CCAG will continue to M8 – if agendas are light, meetings can be ex-committee

CDWG meetings will reduce to one diarised meeting (CDWG1). CCAG will confirm if meeting is required/cancelled

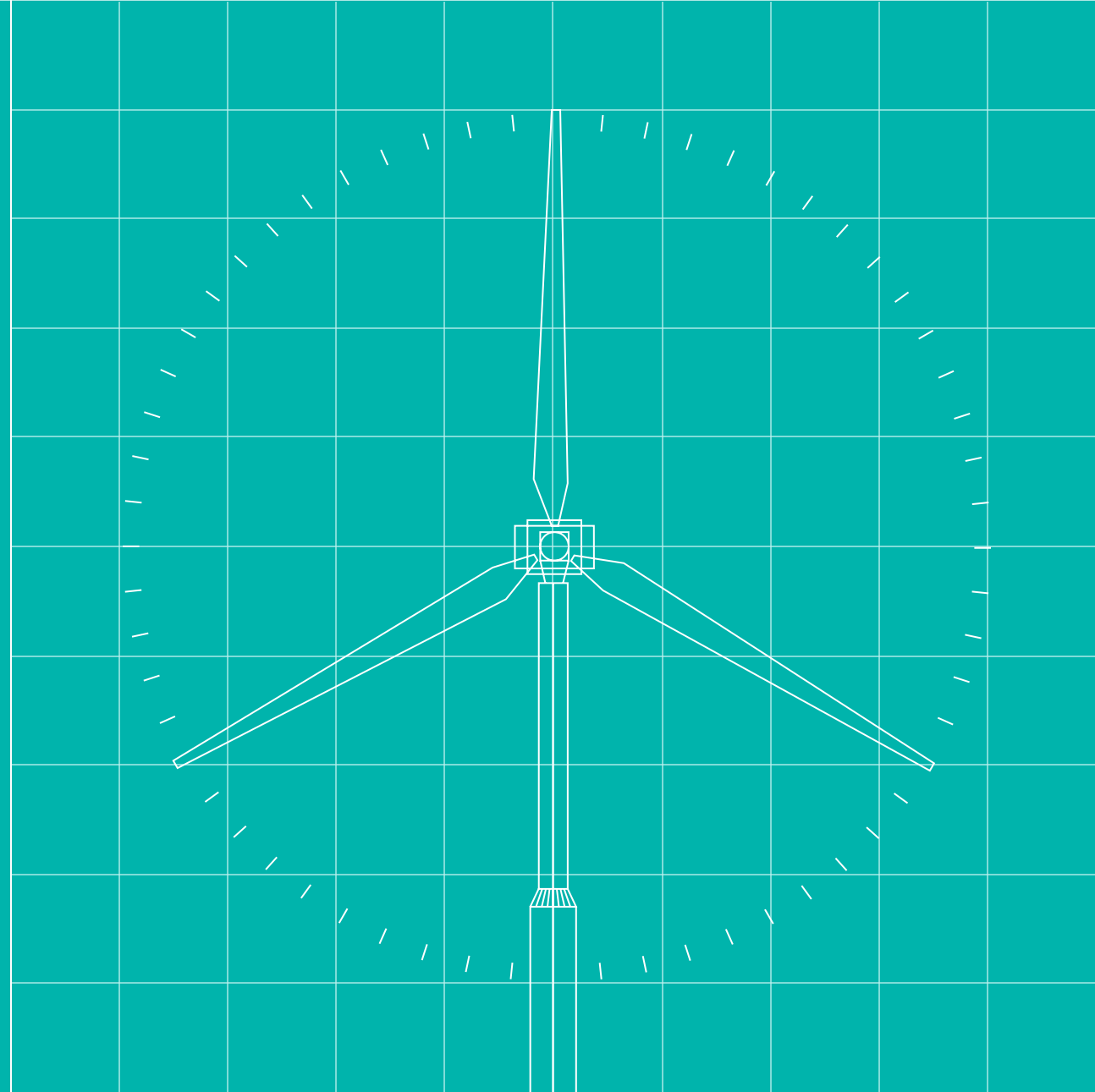
Subgroups will continue to be stood up and down as required – decisions/output will be presented to CCAG

CDWG Update

INFORMATION: Updates from the Code Drafting Working Group (CDWG)

Chair (Chris Welby)

0 mins

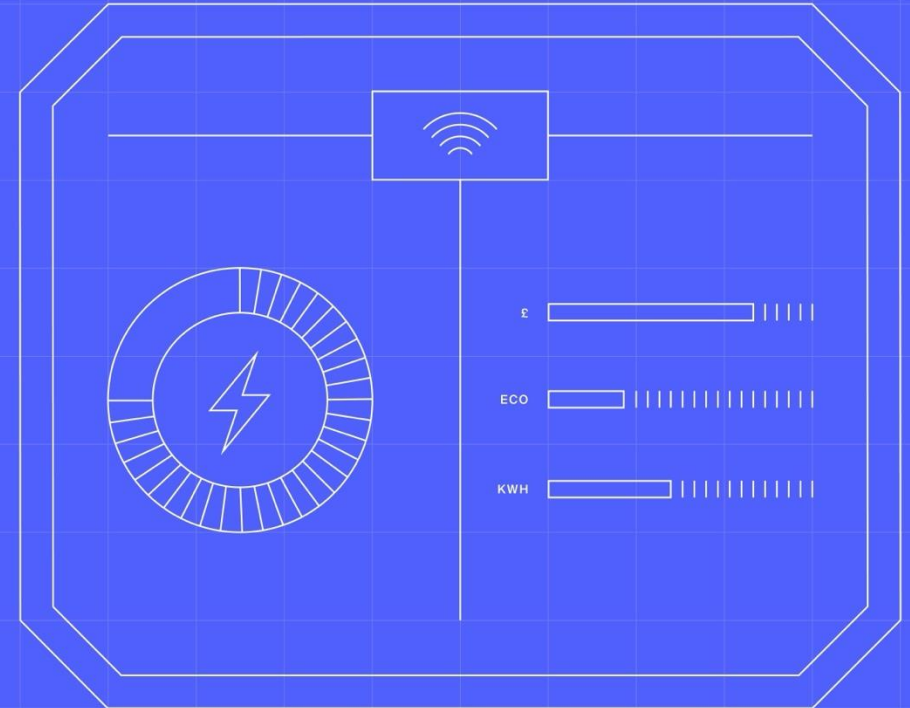


Summary and Next Steps

INFORMATION: Summarise meeting actions and next steps

Chair & Secretariat

5 mins



Next steps

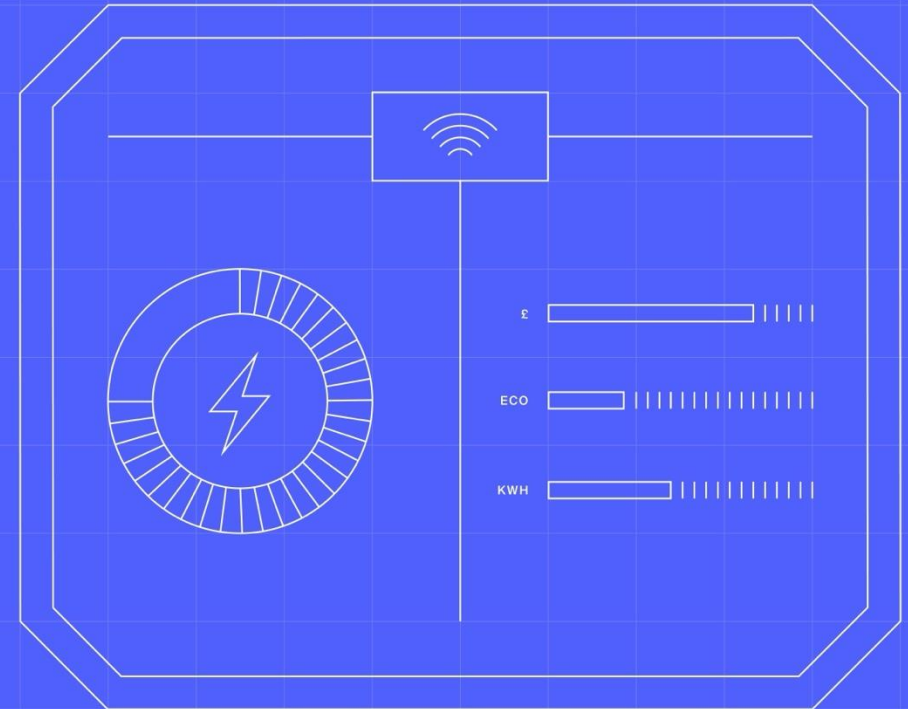
- Secretariat to confirm actions and decisions from meeting
- Next CCAG meeting **23 October 2024 at 10am**
- Date of CDWG1 meeting is **8 October 2024 (potential to cancel)**
- Date of CDWG2 meeting is **15 October 2024 (potential to cancel)**

Meeting dates	25 September	23 October	27 November
Relevant milestones or activities	<ul style="list-style-type: none"> • MHHS SCR Modification raised for M7 	<ul style="list-style-type: none"> • SCR Update 	<ul style="list-style-type: none"> • SCR Update
Agenda items	<ul style="list-style-type: none"> • M7 Updates • M8 Updates 	<ul style="list-style-type: none"> • M7 Updates • M8 Updates 	<ul style="list-style-type: none"> • M7 Updates • M8 Updates
Standing items	<ul style="list-style-type: none"> • Headline report and actions • Programme updates • Horizon Scanning Log • CCAG Reporting • CDWG Updates • Next steps 	<ul style="list-style-type: none"> • Headline report and actions • Programme updates • Horizon Scanning Log • CCAG Reporting • CDWG Updates • Next steps 	<ul style="list-style-type: none"> • Headline report and actions • Programme updates • Horizon Scanning Log • CCAG Reporting • CDWG Updates • Next steps

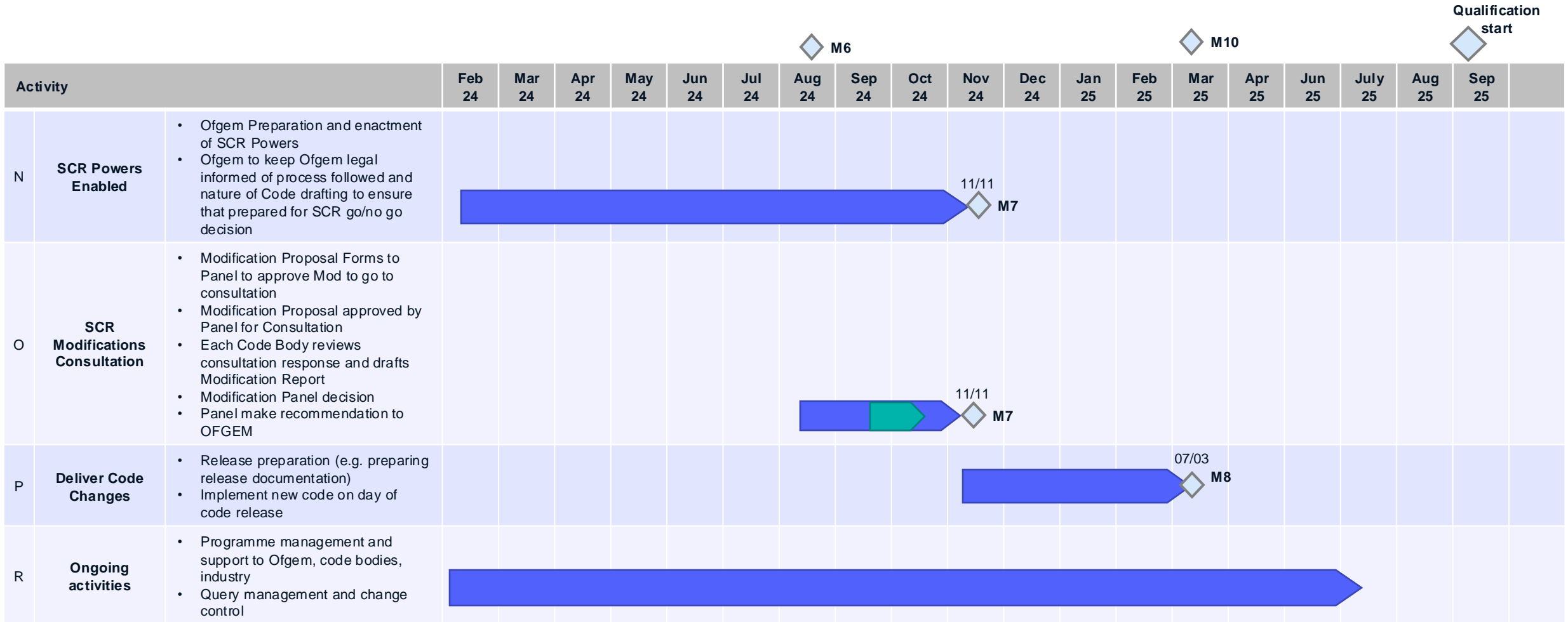
If you would like to request agenda items for the CCAG, please contact PMO@mhhsprogramme.co.uk




Appendices

- *Appendix 1 – M7 Delivery and M8 Implementation POAP*
- *Appendix 2 – MHHS related REC Category 3 POAP*

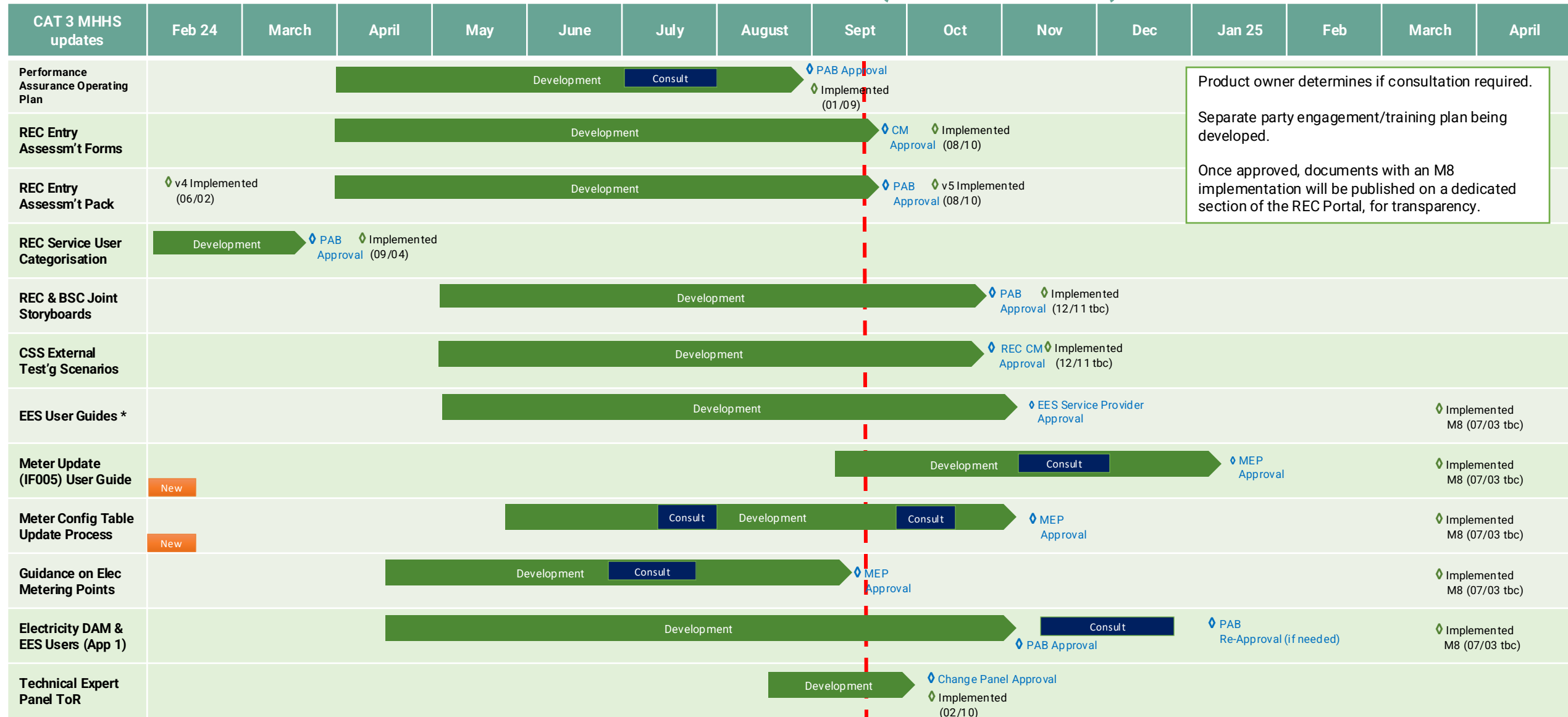


M7 and M8 Plan on a Page



-  = activity
-  = milestone
-  = consultation

MHHS RELATED REC CATEGORY 3 POAP V1.3 (17/09/2024)



Product owner determines if consultation required.

Separate party engagement/training plan being developed.

Once approved, documents with an M8 implementation will be published on a dedicated section of the REC Portal, for transparency.

- Updates from Version 1.2**
- 1) Changes to Electricity DAM timetable - moved back by 2 months to prioritise other MHHS Programme activities.
 - 2) Guidance on Elec Metering Points brought forward by a month. Approved by MEP (publication date tbc)
 - 3) Added TEP ToR to CAT 3 Plan
 - 4) Performance Assurance Operating Plan approved and published - [here](#)
 - 5) Meter Configuration Table Update Process moved back one month to allow further consultation.
 - 6) EES User Guide moved back five weeks to ensure SIT Functional sufficiently completed.

Notes

All dates in the POAP will be reviewed and updated where necessary to account for MHHS Programme CR55.

* Separate EES User Guides for Distributors, Suppliers, MEM & Supplier Agents, 3rd Parties, Non-Domestic Customers & TPIs.