



**MHHS
PROGRAMME**
Industry-led, Elexon facilitated

Cross Code Advisory Group #41

23 April 2025

Version 1.0

MHHS-DEL3650

Document Classification: Public

Agenda

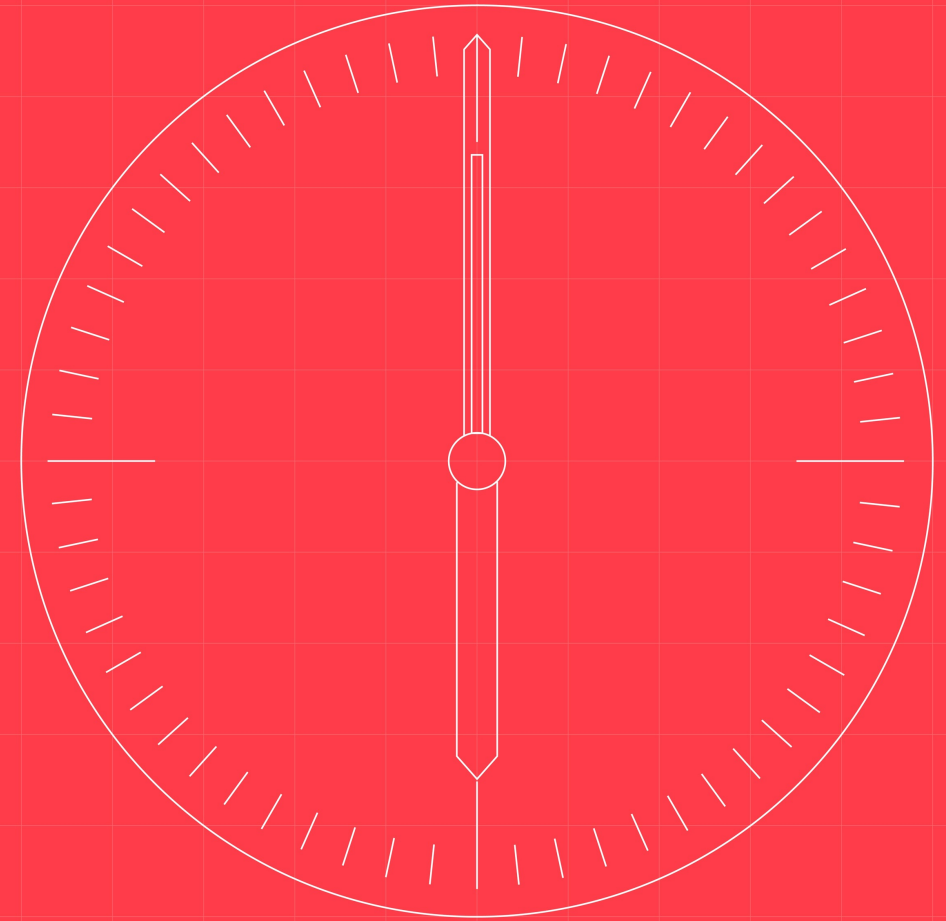
#	Item	Objective	Type	Lead	Time	Page
1	Welcome			Chair	10:00-10:05 5 mins	
2	Minutes and Actions	Approve minutes of previous meeting and review outstanding actions	Decision	Chair & Secretariat	10:05-10:15 10 mins	3
3	Horizon Scanning Log	Updates from all Code Bodies and the Programme on changes which may impact MHHS Programme	Discussion	Programme & Code Bodies	10:15-10:45 30 mins	5
4	Urgent/Fast Track Code Change Process	Communicate how Code Bodies can deliver urgent/fast track Code change	Information	Code Bodies (Andrew Wallace, Jacob Snowden, DIP Manager)	10:45-11:10 25 mins	16
5	Reporting Milestones, CCAG Risks and Code activities	Programme milestone status, risks and Post M6/Pre M8 Code Change Approach and Planning	Information	Programme (Andrew Margan, Matt McKeon)	11:10-11:25 15 mins	30
6	M8 Code Implementation Update	Provide an update on Code Body M8 Implementation, inc draft SCR timescales	Information	Code Bodies (Andrew Wallace, Jacob Snowden, Jenny Sarsfield)	11:25-11:40 15 mins	35
7	Programme Updates	Updates from MHHS Programme governance groups and the wider Programme	Information	Programme (Secretariat)	11:40-11:40 0 mins	42
8	Summary and Next Steps	Summarise meeting actions and next steps	Information	Chair & Secretariat	11:40-11:45 5 mins	46
	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 [26 March 2025](#).
- Review of outstanding actions:

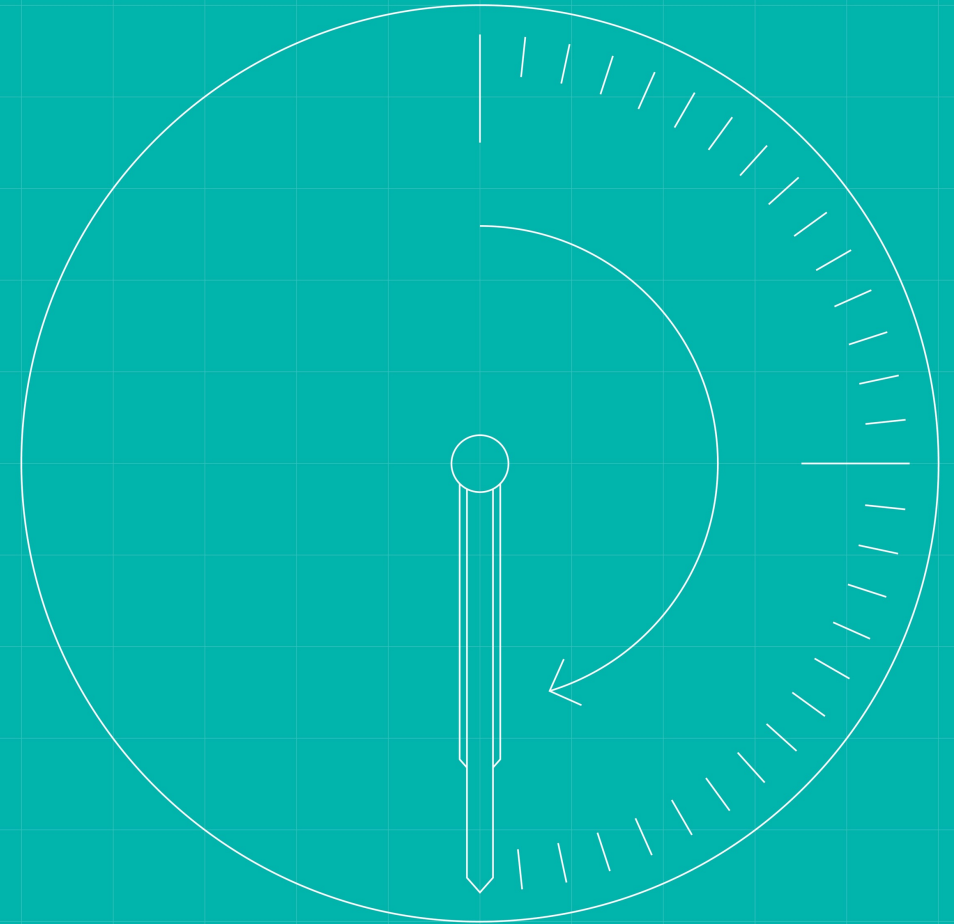
Ref	Date Raised	Action	Owner	Due Date	Update
CCAG40-01	26/03/25	Programme to remove duplicate change (slide 12) from the meeting paper, post meeting	Programme (PMO)	23/04/25	RECOMMEND CLOSED: Updated papers (v2.0) published with March CCAG Headline Report, which included these changes.
CCAG40-02	26/03/25	BSC to review and update Horizon Scanning slides, particularly implementation dates to post M8	BSC (Chris Day)	23/04/25	RECOMMEND CLOSED: Updated papers (v2.0) published with March CCAG Headline Report, which included these changes.
CCAG40-03	26/03/25	Code Bodies to ensure a consistent and coherent set of information between Horizon Scanning slides	Code Bodies	23/04/25	RECOMMEND CLOSED: Code Bodies met and aligned on Horizon Scanning slides ahead of CCAG paper day.

Horizon Scanning Log

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

Programme & Code Bodies

30 mins



Horizon Scanning Code Body Change Update BSC

Horizon scanning code	Change	Mod/CP/Issue
HS1	Align the requirements of BSCP 65 and the IDD with the BSCP707 Appendices 1 and 2	CP
HS2	P486 - Aligning BSC Terminology with the Terminology Introduced by P478	Mod
HS3	Implementation of Data Refresh Message IF-051	CP
HS4	Inclusion of DI-086 Supplier Effective From data item in the IF/PUB-036	CP
HS5	Removal of SVAA service description from MHHS BSC Central Services doc	CP
HS6	Enabling mismatches in data between CSS and MPRS to be corrected	CP
HS7	ADS Reads and Meter Configuration for Domestic CT metered customers'	Issue → CP
HS8	Add the DIP business definitions to the SVA Data Catalogue (and other improvements)	CP
HS9	Codify Service Management	Mod

Change Title		Align the requirements of BSCP 65 and the IDD with the BSCP707 Appendices 1 and 2 with					
Change Summary:		<p>The new BSCP707 – Appendix 1: ISD Entity Change Request Forms and BSCP707 – Appendix 2: ISD Change Request Entity Validation, which will replace the current BSCP509: Changes to Market Domain Data Appendices 1 and 2, needs to be aligned with BSCP65 and IDD</p> <p>This requires the amendment of BSCP 65 and IDD to align the Registered company name to 160 characters.</p> <p>It should be noted that, in accordance with the BSCP707 requirements, both Industry Standing Data and Kinnect Customer Solutions have been developed to accommodate a maximum of 160 characters for the Registered Company Name.</p> <p>As this is a Code only alignment change it could be implemented in time for M8.</p>					
Stakeholder positions:		MHHS Expert group: not an impact for parties, more of an impact for Elexon’s current/legacy systems during the transition period.					
Date raised		Status		Decision date		MHHS Impact	Code Uplift – M8



Change Title		P486 Aligning BSC Terminology with the Terminology Introduced by P478 (Implementation of MHHS Arrangements)					
Change Summary:		<p>The approved Modification P478 text uses “Half-Hourly Metering System” as a pre-MHHS term. This use of the terminology has a consequential impact on BSC rules which were out-of-scope of the MHHS Significant Code Review (SCR). As it stands, the meaning of “Half-Hourly Metering System” is unclear and it could be interpreted that MHHS Metering Systems are excluded from any involvement in the Balancing Mechanism (BM).</p> <p>This issue affects which Metering Systems can be allocated to Additional BM Units (BMU) and which Metering Systems can be included within Metering System Identifier (MSID) Pairs. This Modification seeks to clarify the definition of Half-Hourly Metering System as used in the P478 Legal Text and ensure the correct usage of this term throughout the BSC to avoid unintended consequences. The Modification proposes to change BSC Section K, BSC Section S, Annex X-1 and BSCP602.</p> <p>As this is a Code only alignment change it could be implemented in time for M8.</p>					
Stakeholder positions:		MHHS Expert group: showed interest in reviewing the redlining documents – as per standard Mod procedure Elexon will send out the redlined documents for consultation. Expert group overall supportive of the change.					
Date raised:		Status:		Decision date:		MHHS Impact:	Code Uplift – M8
10 April 25		Consultation					



Change Title		Implementation of Data Refresh Message IF-051					
Change Summary:		<p>Currently, there is no formalised 'data refresh' mechanism in the MHHS arrangements. This means that should an incident occur resulting in the misalignment of data between central parties there is no pre-agreed mechanism or proves to realign any mismatches in data, which could significantly reduce the resolution time of the incident or result in further issues in processes that use the erroneous data.</p> <p>The solution would Implement a new interface/message – IF-051 “Data Refresh” which would, when required, be created by the Registration Service and passed to the DIP and/or EES and/or MDS, so as to allow the resetting or realignment of data between those parties</p>					
Stakeholder positions:		MHHS Expert group: emphasised urgency of progressing this change to mitigate the risk of data misalignment.					
Date raised		Status		Decision date		MHHS Impact	TBC

Change Title		Inclusion of DI-086 Supplier Effective From data item in the IF/PUB-036					
Change Summary:		<p>IF/PUB-036 (Registration Service formal Confirmation of Appointment & provision of MPAN Supporting Data and MTDs) is used to confirm the appointment of a Metering service for a metering system. This information flows downstream to D0303 [received by Meter Asset Providers (MAPs)] that contains the data item J0049. This data item informs about ‘The date and time from which a supplier came into effect, with regard to their relationship with the metering point.’</p> <p>IF/PUB-036 does not contain any data to pass to J0049 in D0303 as the corresponding data item (DI-086) in IF/PUB-036 is missing. This impacts MAPs ability to bill suppliers accurately, as MAPs would struggle to determine supplier responsibility periods, leading to invoicing disputes and increased resource demands for both MAPs and suppliers.</p> <p>Adding DI-086 to IF/PUB-036 will allow to downstream the necessary information to J0049 in D0303 preventing disruptions to MAPs’ billing processes. J0049 is currently an optional field. Following the addition of DI-036 the REC will raise a separate change to make J0049 mandatory. This impacts DI-086 IF/PUB-036.</p>					
Stakeholder positions:		MHHS Expert group: Expert Group and Elexon agreed that post M8 would be a more suitable timeframe for delivering the solution, providing ample lead time for all parties. The change should be implemented before the M15. Elexon is considering potential dates to identify a viable implementation timeline.					
Date raised		Status		Decision date		MHHS Impact	TBC



Change Title		Removal of SVAA service description from MHHS BSC Central Services doc					
Change Summary:		There are multiple sections in the P478 MHHS version of the SVAA Service Description (“BSC Service Description for BSC Central Services”) that relate to aspects of the SVAA service provided by PMP or DCP, and so will not be provided by the Helix systems and so should not be included in this Service Description.					
Stakeholder positions:							
Date raised		Status		Decision date		MHHS Impact	M8 (no industry impact)

Change Title		Enabling mismatches in data between CSS and MPRS to be corrected					
Change Summary:		<p>CR045 was rejected, with an expectation for code bodies to address data mismatches between the Central Switching Service (CSS) and the Metering Point Registration System (MPRS).</p> <p>The next steps involve progressing REC CP R0201 to create a tool for manually correcting ERDS/CSS discrepancies, followed by a consequential BSC CP to address the Supplier Meter Registration Service (SMRS) functionality post-correction.</p> <p>Following the implementation of R0201 to correct CSS and MPRS mismatches, updated market messages (IF-001 and IF-037) will be sent. This process involves notifying the Gaining Supplier, LDSO, and MDS of the Supplier Registration within SMRS, and de-appointing existing supplier agents retrospectively. The Gaining Supplier will then initiate agent appointments using the IF031 message.</p> <p>Impacts IF-001 IF-037. Document Impacts: BSCP706. System Impacts: MDS – Market-wide Data Service</p>					
Stakeholder positions:		MHHS Expert group: note it is smaller in scope than the ‘Implementation of Data Refresh Message’ but warned that implementation by February depends on migration progress.					
Date raised		Status		Decision date		MHHS Impact	TBC

Change Title		ADS Reads and Meter Configuration for Domestic CT metered customers					
Change Summary:		<p>Current MHHS system does not facilitate the transfer of multi-rate meter data and configurations for customers in the advanced market segment who have opted out of half-hourly billing. This leads to inaccurate billing due to an inability to match reads to registers, risking non-compliance with Supplier Licence Condition 21B and the potential use of incorrect meter registers for settlement. Furthermore, the current MHHS design lacks the capability to incorporate SSC/TPR mappings into Settlement provisions. This means that crucial information about meter configuration for both settlement and billing purposes will not be available in Industry Standing Data.</p> <p>To enhance data integrity and streamline processes within the market, propose the following refinements: Mandate the inclusion of the Supplier Specific Configuration (SSC) for advanced meters in IF/PUB25 and IF/PUB26 where half-hourly settlement consent granularity is not indicated, to enable meter configuration transfer at Change of Supplier; update IF/PUB41 to require multi-rate meter read provision with Register ID mappings, explicitly where half-hourly settlement consent has not been gained; and reintroduce the D0149 data flow between MSA, ADS, and Suppliers.</p> <p>These actions will ensure accurate billing and settlement, while addressing the risks associated with customers switching between opt out and consent, which can lead to the loss of SSC/PC and Meter Technical Details (MTDs) due to the removal of D0149/D0150.</p>					
Stakeholder positions:		MHHS Expert group: highlighted concerns about opt-outs, CT meters, and traditional system compatibility. Stressed the need for a time-bound change, debated MOA qualifications, and agreed to escalate the issue to CCAG. Widely agreed that existing solutions require further consideration before implementation.					
Date raised		Status		Decision date		MHHS Impact	TBC



Change Title		Add the DIP business definitions to the SVA Data Catalogue (and other improvements)					
Change Summary:		<p>This Change will add DIP Business Definitions to the SVA Data Catalogue.</p> <p>We will also consider wider improvements to the SVA Data Catalogue which may look at consolidation with EMDS and removing duplication.</p> <p>The latter is a longer term workstream.</p>					
Stakeholder positions:							
Date raised		Status		Decision date		MHHS Impact	Post M8 Change Backlog.

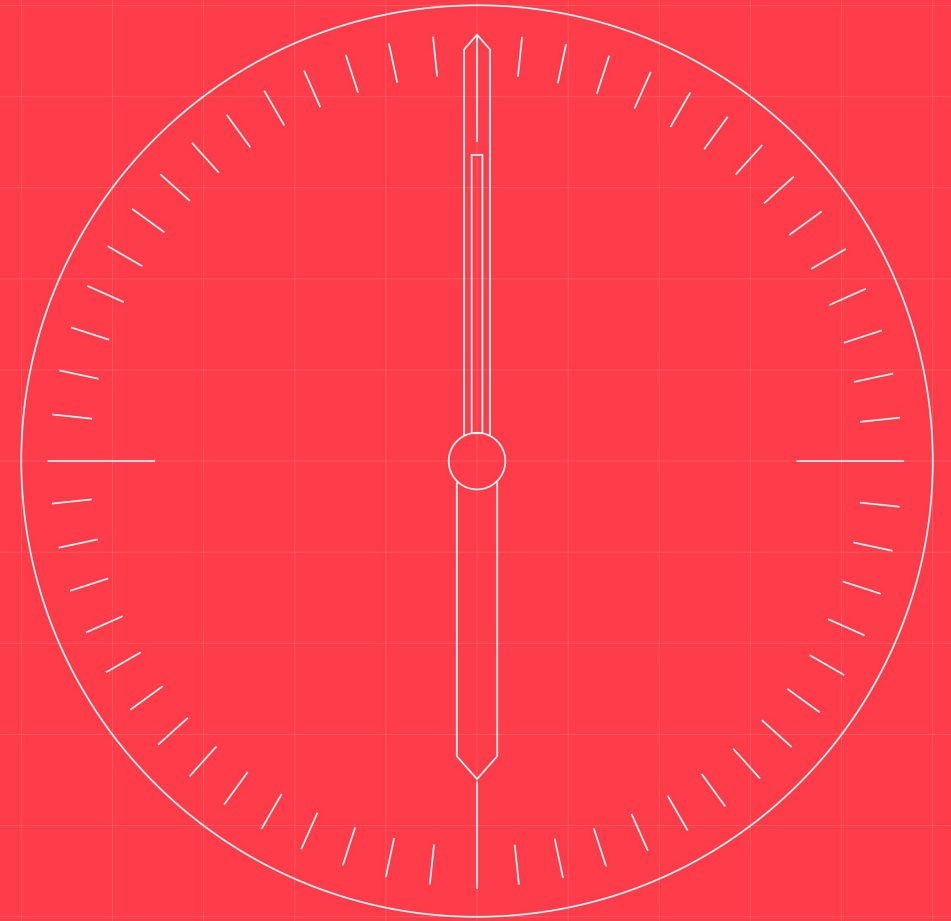
Change Title		Codify Service Management					
Change Summary:		<p>New Service Management capabilities are needed to support the operation of central systems launching at Milestone 10 (M10). However, the Balancing and Settlement Code (BSC) does not currently require or govern this capability.</p> <p>A BSC modification will be raised to implement MHHS Service Management requirements for M8. Establishing clear roles, responsibilities, and obligations.</p>					
Stakeholder positions:							
Date raised		Status		Decision date		MHHS Impact	M8

Urgent/Fast Track Code Change Process

Discussion: Communicate how Code Bodies can deliver urgent/fast track Code change

*PROGRAMME (Andrew Margan) Code Bodies
(Andrew Wallace, Jacob Snowden, DIP Manager)*

25 mins



Introduction

The Code workstream want to ensure the Design is fully translated into Code ahead of M8 (inc all updates!!!)




BSC, REC and DCUSA will deliver these changes, through individual SCR Code changes



The risk is a new Code change could be identified after SCR changes have been raised and/or approved



Code change may need to be raised and approved very quickly to ensure it is delivered before M8



The following slides set out urgent/fast track change processes for each Code Body

BSCCo

Progressing Urgent Changes

Timetable to progress BSC Changes for M8 and beyond

Urgent Changes – Mods

- It's assumed that most urgent changes will be changes to the BSC subsidiary documents, requiring a CP and not a Modification
- Were an Urgent Modification to be needed:
 - The Proposer would need to request it be treated as Urgent
 - The Panel would then need to request Urgency from Ofgem, recommend an urgent timetable and procedure
 - Ofgem would need to determine whether to treat it as Urgent
 - Assessment of urgency will be assessed against the [Ofgem urgency criteria](#):
 - an urgent modification should be linked to an imminent issue or a current issue that if not urgently addressed may cause:
 - a. A significant commercial impact on parties, consumers or other stakeholder(s) or
 - b. A significant impact on the safety and security of the electricity and/or gas systems or
 - c. A party to be in breach of any relevant legal requirements.
- The timescales must be agreed with Ofgem – timelines can be <10 WDs – requires shorten consultation timelines

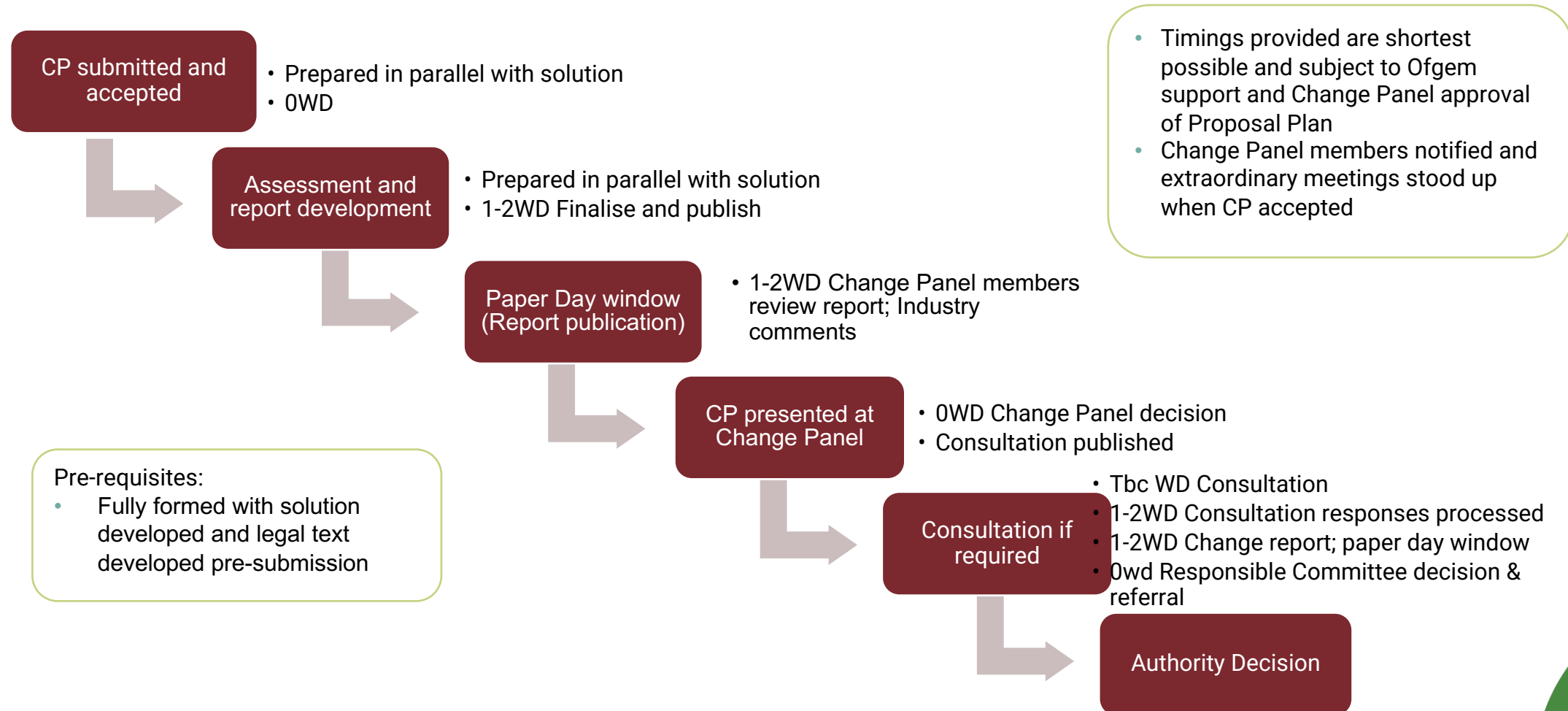
Urgent Changes – CPs

- There is also an [emergency fix process for CPs](#):
 - Allows fix to be applied and then for CP to be raised
 - Currently, focussed on fixing BSC central systems rather than participant systems – requires further legal advice
 - Codifying Service Management will likely form part of the solution to addressing urgent fixes
 - We need to assess whether changes to this emergency fix process are needed
 - Changes can be progressed < 3 Days possibly within day, CP follows within 5 WDs

Emergency Fix – an urgent correction to one or more BSC Configurable Items to correct an existing serious operational problem with the Balancing and Settlement Arrangements, for which there is no known workaround, that is causing loss of availability, loss of data integrity, an irretrievable data quality issue or significant degradation of performance. It can only be performed with the authorisation of the Chief Executive, or other persons to whom the Chief Executive has given express delegated authority (i.e. an ‘authorised person’), and is carried out in accordance with section 3.7.

URGENT REC CHANGE

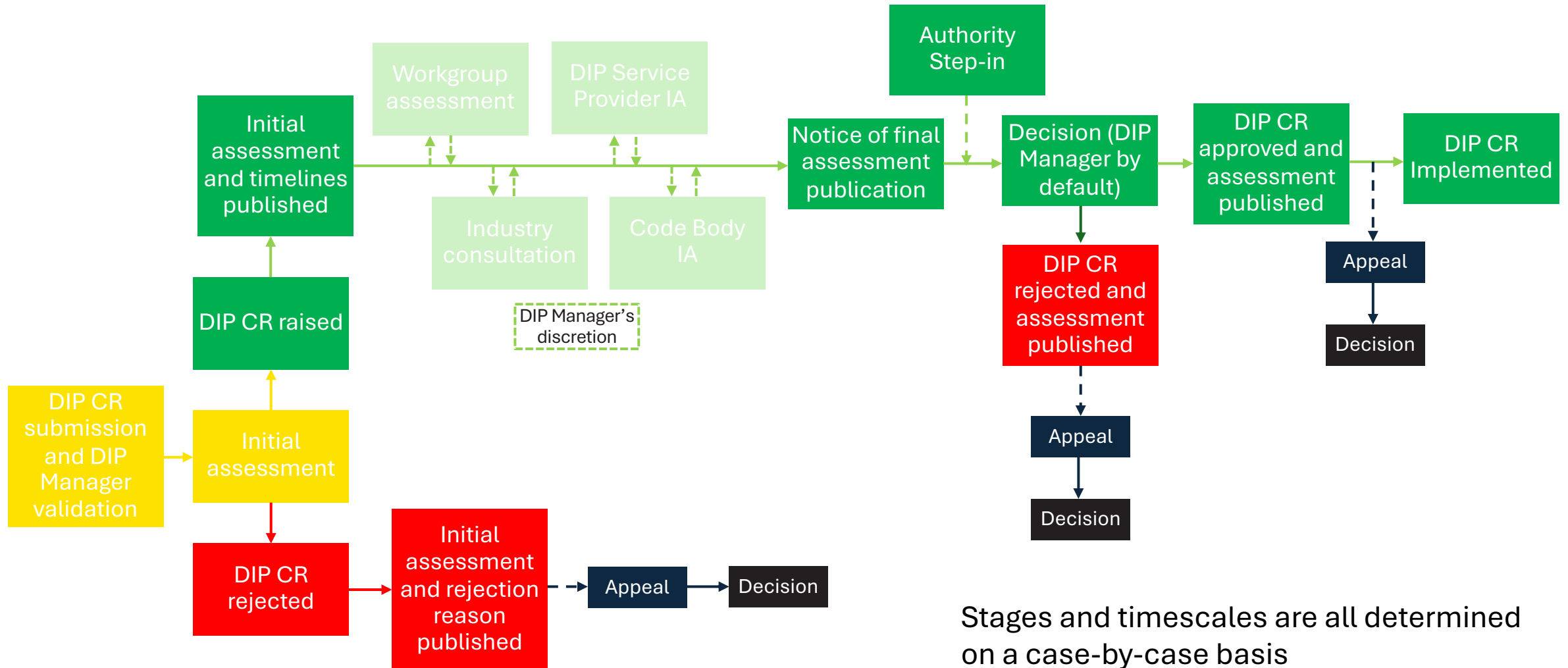
- Governed under the flexibility of the change process set out in Schedule 5 – no separate urgent change process
- Code Manager determines Urgent status following change being raised, according to Authority urgent criteria
- Proposal plan can be set to meet urgency requirements



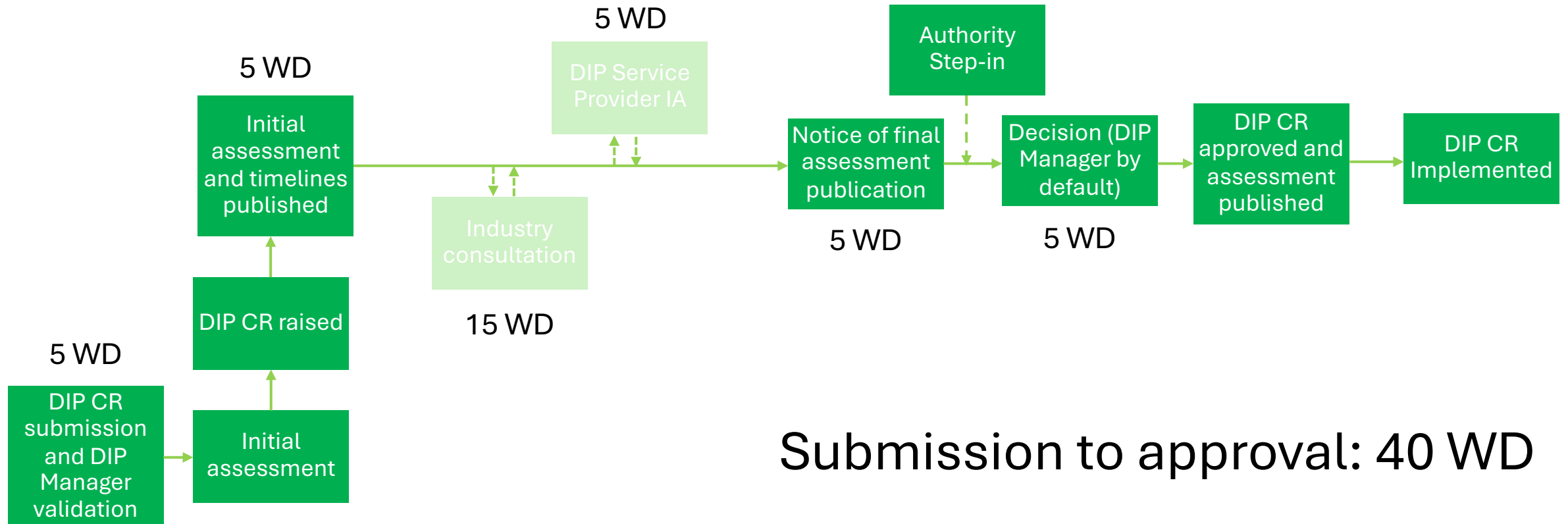
ASSUMPTIONS, DEPENDENCIES, RISKS, QUESTIONS

- Change will have been identified and approved for progression by MHHS Programme
- A REC change will be to align the code to associated critical technical changes/build
- A CP can be raised by the Code Manager
- The submission must include a fully formed solution, with legal text, prior to acceptance into the process
- Change will meet urgency criteria as it will be critical to MHHS go live or implementation
- A Party impact assessment would not be carried out – the Programme will have assessed the risk vs criticality as part of their decision, which will have determined that although there may be an impact to parties/participants, that due to the criticality to MHHS go-live the change should be progressed urgently.
- Exclusion of an impact assessment would be approved by the REC Change Panel in the Proposal Plan
- Delivery and cost impacts for REC Service Providers to be considered as part of Programme activities
- Change plan control is owned by the Code Bodies, and subject to Change Panel, unless Authority directed change under SCR powers
- If for M8 go-live implementation - coordination of technical deliverables for Central systems will remain with the MHHS Programme
- CP would require Authority Determination
- REC resource (expected to require over and above standard) will be prioritised and secured for scenario in advance
- Shell documentation, with high level wording and assumptions captured, can be prepared in advance
- REC extraordinary release available
- MHHS Design will not be updated
- Initial assessment (Code Manager teams) activity will be done in parallel/as part of Programme activities

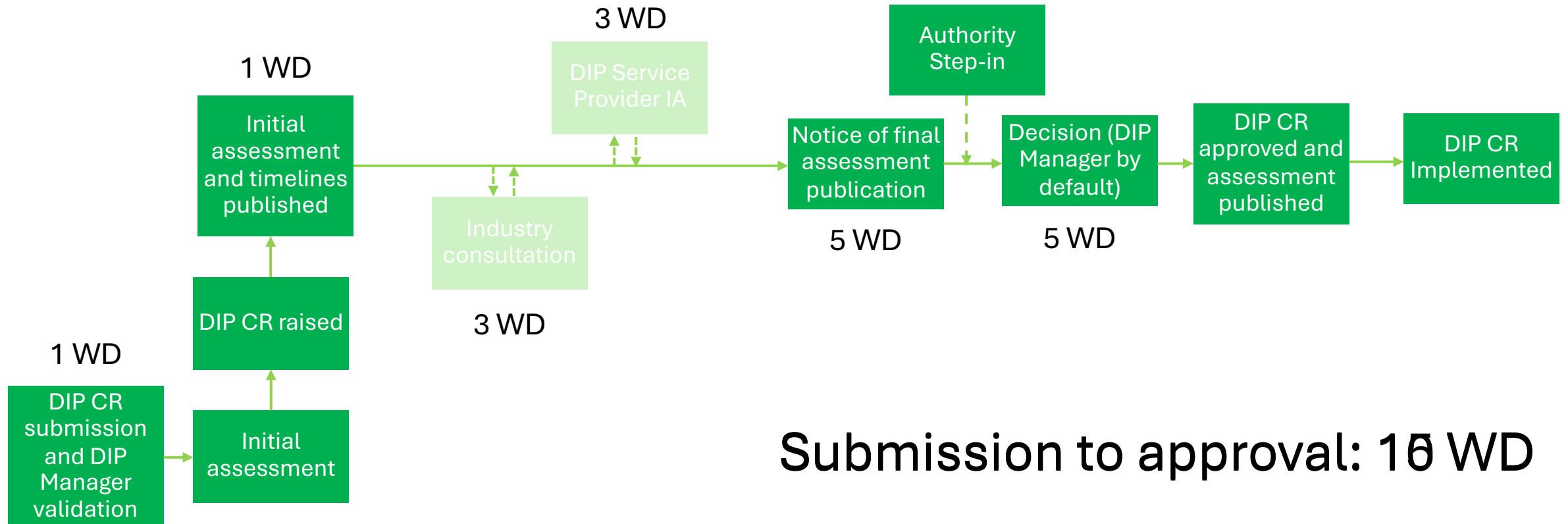
DIP Change Process



DIP Change Process: Standard



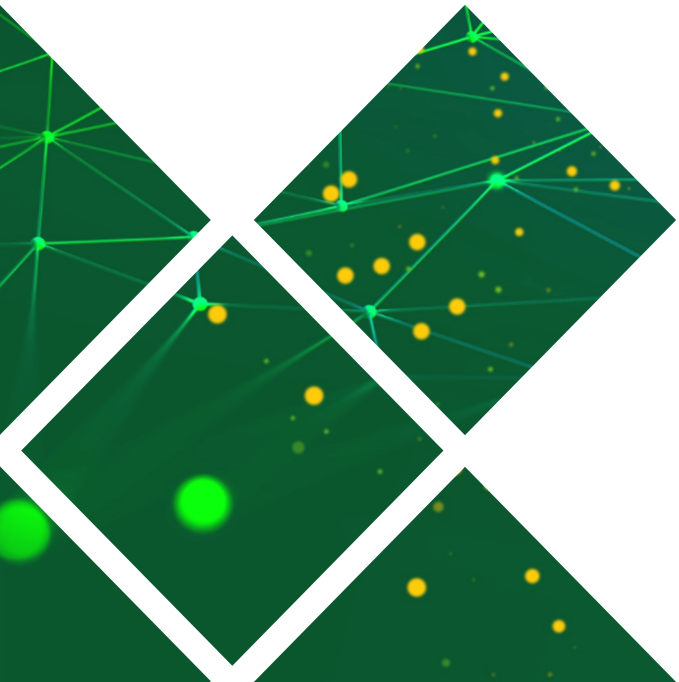
DIP Change Process: Urgent DCAB



Submission to approval: 16 WD

Could reduce decision timescales with a DIP Manager approval or with agreement from DCAB/Ofgem.
May need DIP Rules change to formalise urgency criteria

SEC Urgent Modifications



SEC Urgent Modification



SECAS has 5 Working Days to arrange for and get Panel (CSC decision) SEC D3.10, D3.12 (c), D3.13, D3.16 (b), D3.19,

In agreement with Ofgem Ofgem need to confirm Urgent status and timetable agreement - see D4.5 – D4.7

Text changes can be progressed in 10 WDs

Programme high-level process and control

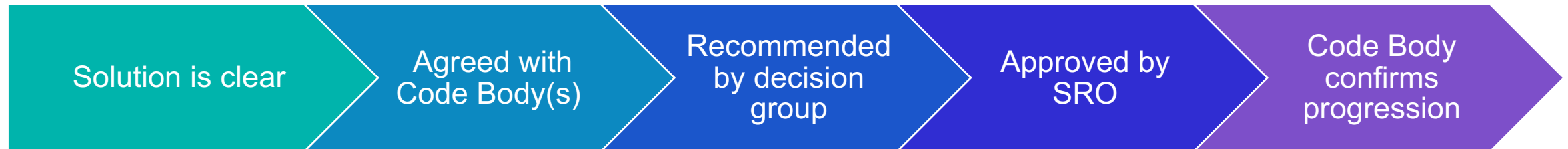
High-level Process

The urgent/fast track process should be used when MHHS text related to the delivery of the MHHS target operating model is required to be updated quickly



MHHS Pre-Code Governance Control


Before being raised under Code Body governance controls must be in place to ensure the Programme/Code Bodies and an appropriate MHHS governance group endorse the change is required




The Programme will monitor the progress of the change implementation

Final Thoughts

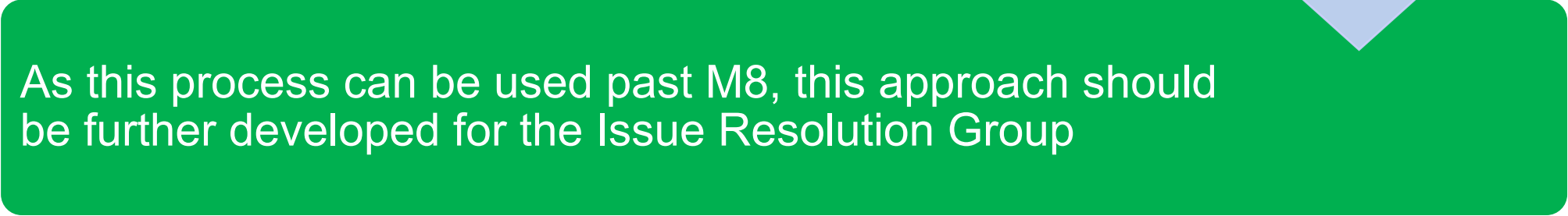
Code change processes can support compressed change timescales



These timescales should be validated with a statement from Code Body Panels, to confirm they support using the process and they understand the Programme requirements



As this process can be used past M8, this approach should be further developed for the Issue Resolution Group

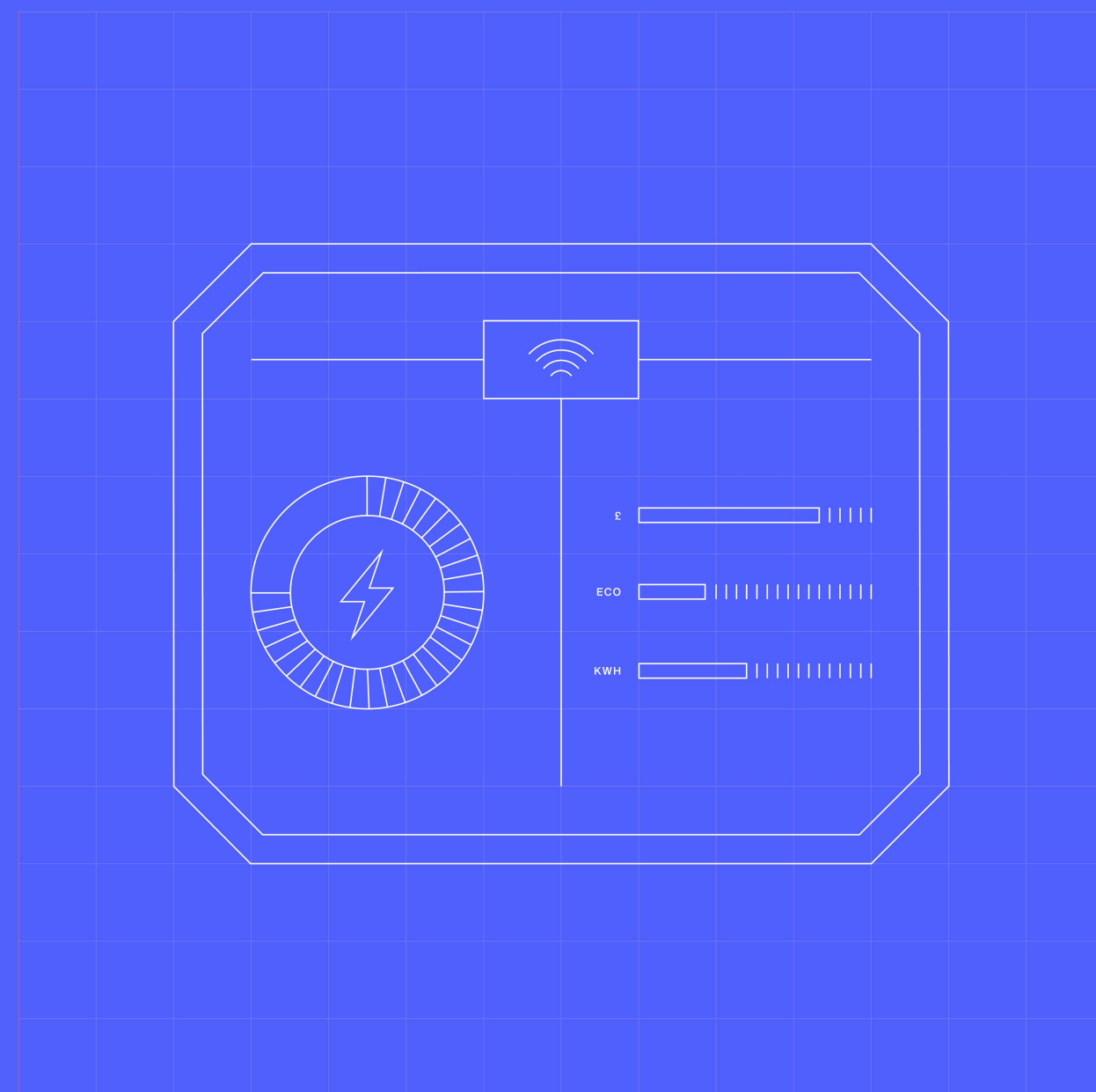


Reporting Milestone, CCAG Risks and Code Activities

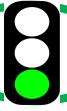
INFORMATION: Programme milestone status, risks and Code change update

Programme (Andrew Margan, Matt McKeon)

15 mins



MHHS Programme – Code Workstream Summary



Overall Status

- M8 activities are on track
- M8 Code change control is stabilising with low volumes of updates
- Preparation for the M8 SCR Changes and timescales has started



Monthly Summary

- M8 Control is stabilising
- M8 SCR timelines under development
- BSC Artefacts checked out and being redlined for M8 SCR Modification
- REC MHHS Issue group, which will form the REC Modification on track
- Fast Track Code change process is being tested
- Service Management Codification is progressing, but still a high risk



Next Month Deliverables

- Continue populating M8 Code change control
- Support Service Management Codification
- Validate urgent/fast track Code change process with Code Panels
- Prepare for Code Changes being present to May CDWG

Ref	Drafting Milestones	Baseline date	Forecast date	Status
T3-RE-0660	CDWG Endorsement	Tue 10/06/25	Tue 10/06/25	Green
T3-RE-0700	CCAG Endorsement	Wed 25/06/25	Wed 25/06/25	Green
T3-RE-0750	Send to Ofgem for SCR Direction	Wed 25/06/25	Wed 25/06/25	Green
T3-RE-0800	Freeze M8 Change Control Log 1.0 and create V2.0	Wed 02/07/25	Wed 02/07/25	Green
T3-RE-0850	Agree Fast Track Code Change Process	Wed 02/07/25	Wed 02/07/25	Green
T3-RE-0900	Ofgem direct SCR Code change	Thu 03/07/25	Thu 03/07/25	Green
T3-RE-0950	Present to Panel	Thu 10/07/25	Thu 10/07/25	Green
T3-RE-1000	Code Change Industry Consultation	Tue 29/07/25	Tue 29/07/25	Green
T3-RE-1050	Panel Recommendation	Thu 14/08/25	Thu 14/08/25	Green
T3-RE-1100	Ofgem Decision	Fri 05/09/25	Fri 05/09/25	Green
T2-RE-0650	M8 Code Change Delivered	Wed 22/09/25	Mon 22/09/25	Green

Note plan dates are latest dates – possibility to go quicker (except M8 delivery set as 22/09)

Top Programme Risks related to CCAG

Key	
I	Initial Score
C	Current Score
T	Target Score

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 timescalesFront load SCR processes, so that issues are identified earlier and within timescales that don't delay the milestone timescalesDevelop and agree how last minute Code changes will be delivered																											
Key Risks																																							
Risk ID	Risk Description	Risk Score Assessment																												Current score movement since last CCAG	Mitigation Plan								
		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			2	1						
I220	There is an issue 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																															Converted to an issue. Issue score is 4 (High)	1) Meeting on 09/01 discussed RECCo's experience of how obligations were helpful to resolve incidents. Action on Elexon to consider the next steps to progress. 2) As part of Ofgem directions, Elexon Codification of Service Management was highlighted. 3) Meeting 13/03 resulted in Victoria Moxham taking ownership for progressing appropriate drafting to subsequently discuss with RECCo and Ofgem 4) Legal draft due 04/04, Helix to discuss with Ofgem and RECCo before consulting with industry.						
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																															Score remains at 10	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. 5) Code Workstream have developed an approach and plan to how Design updates will result in updates to the MHHS text.						
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.																															Score remains at 11	1) 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.						
R1052	There is a risk that presenting M8 Code changes to Programme Code Drafting Work Groups and or Code Body Work Groups risks participants requesting the scope of M8 drafting be expanded to pick up additional items.																															Score remains at 9	1) Remain firm on Code Drafting workstream scope - these MHHS Code changes are to reflect Programme Design and PCRs only 2) Direct other changes to be raised separately as a BAU Code change 3) This is being presented at May CCAG and CDWG, risk to be re-reviewed following this						



**Updates to M8
control now
stablising**

M8 Change Control Collaboration Page is [here](#)

Objective - incremental Code changes e.g. from Design updates, will need to be reflected in Code for M8

M8 Control Log – workstream governance

- Codes Bodies record M8 Code changes on the log
- Log captures DIN, PCR or Code-only change records and specifies the Code and Code Artefact impacted
- 'Date logged' column shows when item was first added
- Confirms the planned delivery vehicle e.g. Mod/CP Ref
- The log will continue to be updated and republished on the collaboration base for industry review
- **285 changes in total now (13 more than March)**

Four Codes

Balancing Settlement Code (BSC)
Retail Energy Code (REC)
Distribution and Connection Use of System
Agreement (DCUSA)
Data Integration Platform (DIP) Rules

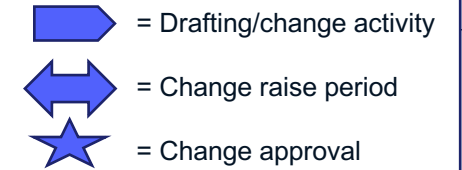
Published for Industry Assurance

We welcome all comments
Code@mhhsprogramme.co.uk

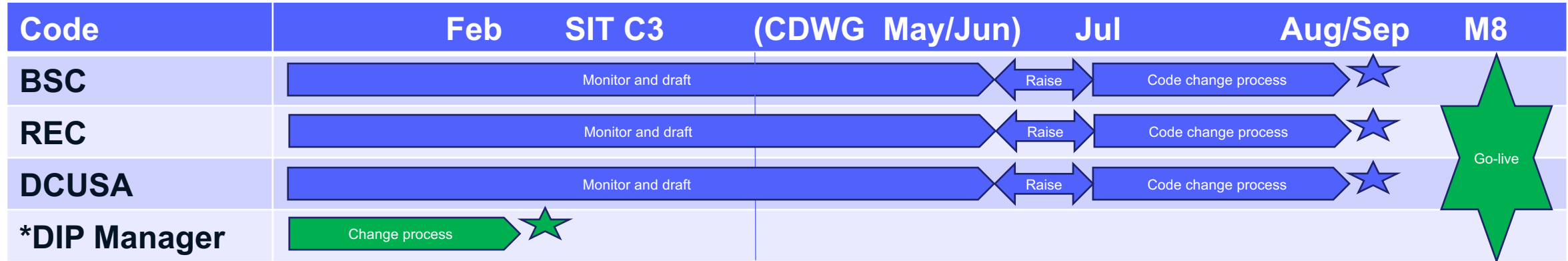
Output at May CDWG

BSC Mod, BSCP CP(s) REC CP
DCUSA change

**Plan remains
on track**



M8 incremental code change timelines



Plan Summary

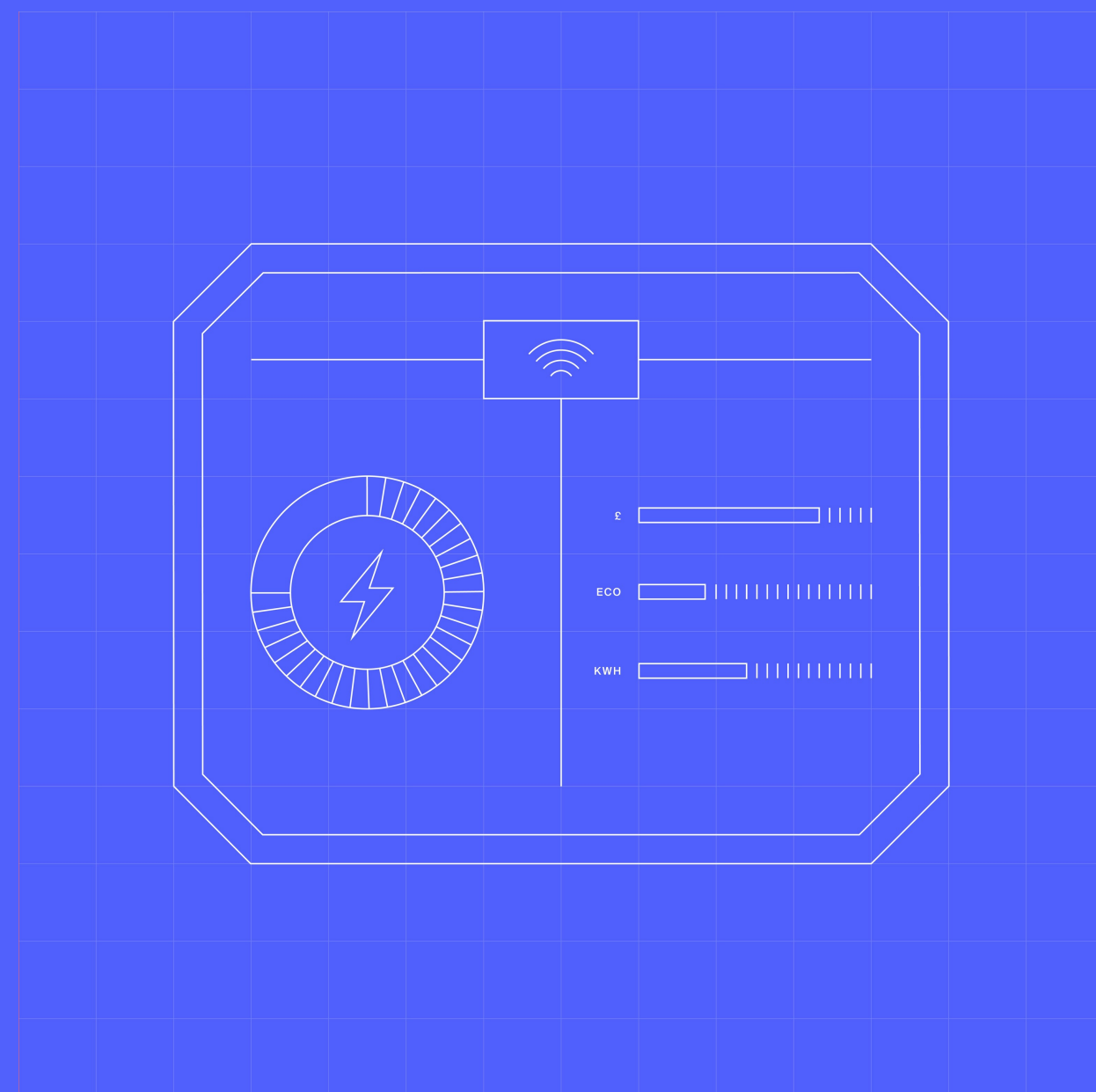
1. MHHS SCR Code changes will be presented to a May CDWG & CCAG for transparency & endorsement
2. Through Ofgem's SCR Powers the Modifications will be progressed under individual Code Body governance (item 6 - SCR Modification timelines are under development)
3. Because of regression testing, new DINs and Design Interim Releases could result into June/July
4. Where possible, last minutes M8 Code updates will be incorporated into Code (workstream plan)
5. Where last minute changes can't be incorporated into the M8 Modifications, they can be progressed under fast track or BAU change process (item 4)

M8 Code Implementation Update

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

Code Bodies (Andrew Wallace), (Jacob Snowden), (DIP Manager)

15 mins



MHHS Programme – BSC M8 Milestones

Overall Status

- On track to deliver BSC Code artifacts by M8

Month Summary

- Ofgem approved P478 on 26 November 2024, meeting the M7 milestone
- Collaborating internally to manage potential conflicts in the redlining for changes allocated to the M8 Milestone Release. No issues identified as of April 2025
- Continued refinement of pre-raise Horizon scanning changes with the MHHS expert group

Next Month Deliverables

- Engagement with MHHS to determine and define the changes to be implemented for M8 and post M8
- Continue to work with MHHS on M6 Work Off plan
- Work with MHHS to define and agree post M10 change process

Ref	Drafting Milestones	Baseline date	Forecast date	Status
T3-RE-0660	CDWG Endorsement	Tue 10/06/25	Tue 10/06/25	Green
T3-RE-0700	CCAG Endorsement	Wed 25/06/25	Wed 25/06/25	Green
T3-RE-0750	Send to Ofgem for SCR Direction	Wed 25/06/25	Wed 25/06/25	Green
T3-RE-0800	Freeze M8 Change Control Log 1.0 and create V2.0	Wed 02/07/25	Wed 02/07/25	Green
T3-RE-0850	Agree Fast Track Code Change Process	Wed 02/07/25	Wed 02/07/25	Green
T3-RE-0900	Ofgem direct SCR Code change	Thu 03/07/25	Thu 03/07/25	Green
T3-RE-0950	Present to Panel	Thu 10/07/25	Thu 10/07/25	Green
T3-RE-1000	Code Change Industry Consultation	Tue 29/07/25	Tue 29/07/25	Green
T3-RE-1050	Panel Recommendation	Thu 14/08/25	Thu 14/08/25	Green
T3-RE-1100	Ofgem Decision	Fri 05/09/25	Fri 05/09/25	Green
T2-RE-0650	M8 Code Change Delivered	Wed 22/09/25	Mon 22/09/25	Green

	Authority Direction	First Change Panel meeting	Consultation/ Impact Assessment/ Voting period	Second Change Panel meeting	Final Modification/Change Report (FMR/FCR) submitted to the Authority
28 May CCAG	Ofgem to direct timetable by 4 June 2025	12 June 2025 Paper day 5 June	Consultation from 16 June to 27 June 2025	10 July 2025 (fall back 14 August) Paper day 3 July 2025	15 July 2025
25 June CCAG	Ofgem to direct timetable by 2 July 2025	10 July 2025 Paper day 3 July	Consultation from 14 July 2025 to 25 July 2025	14 August 2025 Paper day 7 August	18 August 2025

BSC assumptions

- Ofgem to direct SCR timetable at least one day before the Panel Paper Day on 5 June or 3 July 2025
- Ofgem will be the Proposer
- Mod to be progressed as an SCR Modification with Consultation period of 10WD, assuming no impacts on EBGL provisions
- Allows 5WDs for consultation response reviews and final change report drafting
- This is not taking into consideration other code bodies' requirement for when they need the SCR directed timetable, just BSC (i.e., direction required by 4 June or 2 July 2025)

MHHS Code Workstream – REC Milestone Reporting



Overall Status

- M8 on track for Sept 2025.
- M8 scope includes REC changes covered by the SCR, implementation of REC consequential CPs* progressed outside of the SCR and REC CAT 3 changes**.



Month Summary

- Updated [Pre-M8 Change Log](#) (Collaboration Base) with REC changes up to IRv8.10.
- [REC Issue I0241 - MHHS Incremental Change for go live](#) raised to progress REC changes required for M8 (i.e. the changes recorded in the Pre-M8 Change Log). REC Change Issues Group met on 3 April to review selection of proposed changes. Included proposals for including MHHS Activation requirements in the REC so that REC MHHS obligations have effect when a REC Party is MHHS operational rather than Qualified.
- [REC CP R0202 - Performance Assurance Report Catalogue Updates \(MHHS\)](#) issued for consultation (excluding DIP reporting requirements as ability to provide is tbc).



Next Month Deliverables

- Continue to progress REC Issue I0241 to develop additional MHHS REC changes required for M8 and present these to May CDWG and CCAG for review.
- Agree updated code drafting to reflect 'MHHS Activation'.
- Agree plan for the REC M8 SCR with Ofgem and Programme (covering options for May and June CCAG approval).
- Continue to engage with Programme on handover of deferred DINs and IRG Change Management Process.

Ref	Drafting Milestones	Baseline date	Forecast date	Status
T3-RE-0660	CDWG Endorsement	Tue 10/06/25	Tue 10/06/25	Green
T3-RE-0700	CCAG Endorsement	Wed 25/06/25	Wed 25/06/25	Green
T3-RE-0750	Send to Ofgem for SCR Direction	Wed 25/06/25	Wed 25/06/25	Green
T3-RE-0800	Freeze M8 Change Control Log 1.0 and create V2.0	Wed 02/07/25	Wed 02/07/25	Green
T3-RE-0850	Agree Fast Track Code Change Process	Wed 02/07/25	Wed 02/07/25	Green
T3-RE-0900	Ofgem direct SCR Code change	Thu 03/07/25	Thu 03/07/25	Green
T3-RE-0950	Present to Panel	Thu 10/07/25	Thu 10/07/25	Green
T3-RE-1000	Code Change Industry Consultation	Tue 29/07/25	Tue 29/07/25	Green
T3-RE-1050	Panel Recommendation	Thu 14/08/25	Thu 14/08/25	Green
T3-RE-1100	Ofgem Decision	Fri 05/09/25	Fri 05/09/25	Green
T2-RE-0650	M8 Code Change Delivered	Wed 22/09/25	Mon 22/09/25	Green

*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](#)

[REC Issue I0241 - MHHS Incremental Change for go live](#)

**MHHS versions of CAT 3 docs available on REC Portal MHHS Hub [here](#)

	Authority Direction	First Change Panel meeting	Consultation/ Impact Assessment/ Voting period	Second Change Panel meeting	Final Modification/Change Report (FMR/FCR) submitted to the Authority
28 May CCAG	Ofgem to direct timetable 04 June	17 June 2025 Paper day 10 June	Consultation from 17 June 2025 to 01 July 2025	15 July 2025 (fall back 05 Aug) Paper day 08 July	17 July 2025
25 June CCAG	Ofgem to direct timetable 30 June	8 July 2025 (extraordinary) Paper day 01 July	Consultation from 8 July 2025 to 22 July 2025	05 August 2025 Paper day 29 July	07 August 2025

REC assumptions

- Ofgem to direct SCR ahead of Change Panel Paper Day on 10 June or 1 July
- REC Code Manager rather than Ofgem will raise REC CP
- To be progressed as an Urgent REC CP
- First Change Panel meeting covers switch from REC Issue to REC Change Proposal
- No material issues identified by CDWG and CCAG
- Material issues identified by CHIG that are not critical for MHHS to be excluded from scope and progressed as separate REC CPs
- No Party impact assessment required
- Consultation period of 10WD rather than standard 15WD (given review at CHIG and CDWG)
- Allows 5WDs for consultation response reviews and final change report drafting

MHHS Code Workstream – DIP Manager Milestone Reporting

Overall Status

- DIP Rules implemented Oct 2024
- On track for DIP Rules to be updated in line with MHHS design by M8

Month Summary

- DCR0002 (updates for CR054) consultation closed
- Conducting review against CoCo and NFRs to ensure DSD002 aligned to design
- Review of DIN log ongoing – no pre-M8 DIP CRs identified

Next Month Deliverables

- Continue to engage with MHHSP and stakeholders on subsequent changes to the DIP Rules

Ref	Drafting Milestones	Baseline date	Forecast date	Status
T3-RE-0800	Freeze M8 Change Control Log 1.0 and create V2.0	Wed 02/07/25	Wed 02/07/25	Green
T3-RE-0850	Agree Fast Track Code Change Process	Wed 02/07/25	Wed 02/07/25	Green
T2-RE-0650	M8 Code Change Delivered	Wed 22/09/25	Mon 22/09/25	Green

**Under
Development**

	Authority Direction	First DCUSA Panel	Second DCUSA Panel	Voting	Change Declaration submitted to the Authority
28 May CCAG	Ofgem to direct timetable and submit change proposal 04 June	18 June Paper day 11 June	Change Report 16 July Paper day 09 July	18 July – 08 August	12 August
25 June CCAG	Ofgem to direct timetable and submit change proposal 03 July	11 July (ex- committee) Paper Day 07 July	25 July Change Report (ex- committee) 22 July Paper day	29 July – 12 September	14 August

DCUSA assumptions

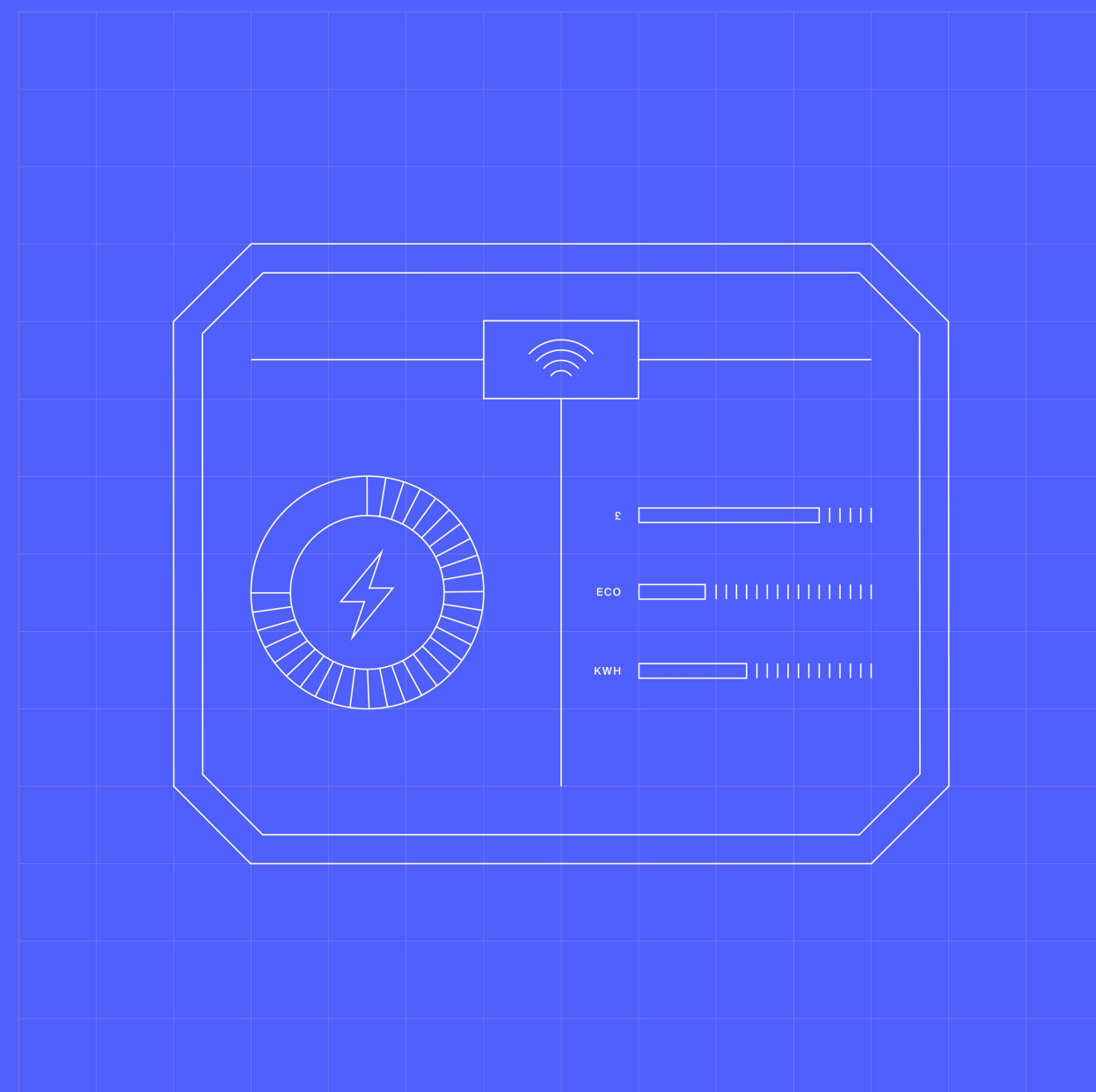
- Ofgem to direct SCR ahead of Panel Paper Day on 11 June or 07 July, earlier would be appreciated.
- Ofgem to review and raise DCUSA CP
- To be progressed as an Urgent DCUSA CP
- No material issues identified by CDWG and CCAG
- No Party impact assessment required
- June submission to follow business as usual change process
- July submission to have reduced timescales resulting in ex committee meetings and the voting period reduced to 10WD rather than standard 15WD
- Currently DCUSA change proposal aligns with EMDS v1.2. No further DCUSA changes affecting this in v1.3 expected at the end of April.

Programme Updates

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

Programme (Secretariat)

0 mins – to be taken as read



Governance group updates

Programme Steering Group (PSG)

PSG 05 March 2025

M10 Checkpoint: The Programme and IPA presented their findings on the M10 checkpoint. The Programme is on track for M10 but is not in a place to bring M10 forward or bring M14 and M15 forward. There will be a further Checkpoint in July

Testing Update: Programme provided an update on SIT Functional, Migration, NFT testing.

Non-SIT LDSO QT Update: Programme provided an update, with the RAG status moving from green to amber.

Helix Service Management: Helix provided an update on Service Management, and outlined a plan would be shared at GLIG on 04 April 2025.

MHHS Open Day Update: Programme provided an update on the positive feedback received about the Open Day themes and ways it may be improved in future.

PSG papers available [here](#).

System Integration Testing Advisory Group (SITAG)*

SITAG 19 March 2025

SIT Operational Theme 3 (Batch 2 – Supplementary): SRO approved SIT Operational Test Scenarios and Test Cases - Theme 3 (Batch 2 – Supplementary).

Descopeing MDR Testing: SRO approved the removal of the following tests from SIT Functional scope:

- SITFTS-0260 TC01 Smart
- SITFTS-0260 TC02 Smart
- SITFTS-0260 TC03 Smart Consent Change
- SITFTS-0260 TC04 SRV 5.1 Error
- SITFTS-0270 TC01 Smart

Programme Milestones related to SITAG: SRO approved Milestone name change for T3-TE-0040 from Theme 2 SIT Non-Functional Testing Start to Theme 2 & 3 SIT Non-Functional Testing Start.

SITAG papers available [here](#).

Design Advisory Group (DAG)

DAG 09 April 2025

Meeting held by correspondence owing to diminishing content.

The Changes to the Interface Code of Connections were approved by correspondence. The update was endorsed by the Security Design Working Group (SDWG) 12 March 2025. The document in both clean and red-lined version can be found on the [Interface Code of Connection and PKI Policy Page on the MHHS website](#). The updated area is Section 5.4.3 - PKI roles.

DAG papers available [here](#).

Qualification Advisory Group (QAG)*

QAG 20 March 2025

QAD Progress update: The Code Bodies provided an update the progress of the QAD

Exemption for Suppliers from Smart Market Segment (SMS)

Qualification Requirements: SRO approved the Qualification Assessment Document v4.01 and sent to PAB for their approval.

Qualification Approach & Plan - Annex 3 Endorsement: SRO approved the recommendation of the QA&P Annex 3 v4.0 to PAB for their approval.

DIP Manager, BSC & REC Assessment Criteria: The Code Bodies provided an update on BSC, REC and DIP Assessment Criteria.

Periodic Assurance Update: IPA provided an update on Periodic Assurance.

Non-SIT LDSO QT Update: The Programme provided an update on Non-SIT LDSO QT.

Programme Milestone related to QAG: SRO approved:

- Sandbox milestones, T3-TE-0048, T3-TE-0049 and T3-TE-0049 being assigned to QAG and given the references T3-QU-0125, T3-QU-0126 and T3-QU-0127
- The creation of Sandbox milestones T3-QU-0127 and T3-QU-0128

QAG papers available [here](#).

Cross Code Advisory Group (CCAG)

CCAG 26 March 2025

In the meeting, the CCAG provided updates on:

Horizon Scanning Log: Updates from all Code Bodies on changes which may impact MHHS Programme.

CR060 Update: SRO approved the amendment of M8 delivery from 24/09/25 to 22/09/25.

Reporting Milestones, CCAG Risks and Post-M6 Change: Programme provided an update on the milestone status, risks and Post M6/pre M8 Code Change Approach and Planning.

SRO approved the recommendation to add M8 Code Plan, L3 milestones to be added to the Programme plan

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

April CDWG1 was cancelled.

CCAG papers available [here](#).

Migration & Cutover Advisory Group (MCAG)*

MCAG 01 April 2025

Data Cleanse Plan: SRO approved the Data Cleanse Plan (v4.1).

M10/M11 Cutover Plan: SRO approved the M10/M11 Cutover Plan (v1.1), acknowledging that; the Cutover Plan will undergo further iterations, as Cutover Planning workshops are undertaken with key stakeholders; and further detailed cutover plans/runbooks will be produced to ensure the Cutover activity is closely managed.

Programme Milestones related to MCAG: SRO approved the dates changes of milestones; T3-TE-0036 from 15/10/2025 to 20/10/25; and T3-MI-0033 from 30/07/2024 to 29/04/25. SRO approved the establishment of new milestone related to Sprint Execution End (T2-MI-9000).

MCAG 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:

- NEW! Systems Integration Testing (SIT) Regression Framework and Regression Pack Cycle 2 Consultation – the deadline is **today, Wednesday 9 April 2025**
- NEW! Elexon Helix Service Management Consultation – the deadline is **Tuesday 22 April 2025**
- NEW! Systems Integration Testing (SIT) Functional Cycle 3 Test Scenarios & Test Cases uplifted

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 10 April 2025:** Data Working Group (DWG)
- Tuesday 15 April 2025:** Systems Integration Testing Working Group (SITWG)
- Tuesday 15 April 2025:** Non-Functional Testing Working Group (NFTWG)
- Wednesday 16 April 2025:** Transition and Operational Readiness Working Group (TORWG)
- Thursday 17 April 2025:** Qualification Advisory Group (QAG)

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

Working Group Progress Report

Systems Integration and Testing Advisory Group (SITAG)*			
	Data Working Group (DWG)	Systems Integration Test Working Group (SITWG)	Non-Functional Testing Working Group (NFTWG)
Upcoming deliverables	<ul style="list-style-type: none"> N/A 	<ul style="list-style-type: none"> SIT Operational Readiness Reports SIT Regression Test Approach and Plan 	<ul style="list-style-type: none"> SIT Non-Functional Readiness Reports
Latest meeting's agenda items	10 April 2025 <ul style="list-style-type: none"> Data Schedule Update SIT Non-Functional Data Update SIT Regression Preparation Progress Update 	15 April 2025 <ul style="list-style-type: none"> Regression Test Framework and Core Pack SIT Test Scope Traceability Document SIT Test Progress Update Helix Settlement Assurance Testing SIT Exit Reporting Approach 	15 April 2025 <ul style="list-style-type: none"> NFT Overarching Readiness Report Status of NF PIT Deliverables for SIT Update on theme 3 Execution progress NFTWG Continuation Discussion
Agenda items from last meeting	13 March 2025 <ul style="list-style-type: none"> Data Schedule Update SIT Non-Functional Data Preparation Progress Update SIT Regression Preparation Progress Update Data Retrospective Results 	06 March 2025 <ul style="list-style-type: none"> SIT Test Progress Update Helix Settlement Assurance Testing Regression Testing SIT Test Scope Traceability 	18 March 2025 <ul style="list-style-type: none"> NFT Overarching Readiness Report Status of NF PIT Deliverables for SIT Delivery of SIT NFT Readiness Reports Preparation for SIT Themes 2 and 3 Update on theme 1 Execution Progress
L3 escalations	None	None	None

Working Group Progress Report

Migration and Cutover Advisory Group (MCAG)*			
	Migration Working Group (MWG)	Data Cleanse Working Group (DCWG)	Transition & Operational Readiness Working Group (TORWG)
Upcoming deliverables	<ul style="list-style-type: none"> Migration Framework Consultation 4 	<ul style="list-style-type: none"> N/A 	<ul style="list-style-type: none"> N/A
Latest meeting's agenda items	10 April 2025 <ul style="list-style-type: none"> Cancelled 	24 April 2025 <ul style="list-style-type: none"> TBC 	16 April 2025 <ul style="list-style-type: none"> Service Design Update Transition Framework – Issues Resolution Group Transition Design – Settlement Timetable M10/M11 Cutover Plan Comms Approach M10/M11 Participant Cutover Plans
Agenda items from last meeting	13 March 2025 <ul style="list-style-type: none"> Cancelled 	27 March 2025 <ul style="list-style-type: none"> ESME ID Exception Resolution Meter Location and Number of Displayed Register Digits Exception Resolution Updated Data Cleanse Plan Data Cleanse Reporting Top Programme Risks and Issues Related to DCWG 	19 March 2025 <ul style="list-style-type: none"> Service Design Update Transition Framework M10/M11 Cutover Plan Early life Support Model Consultation
L3 escalations	None	None	None

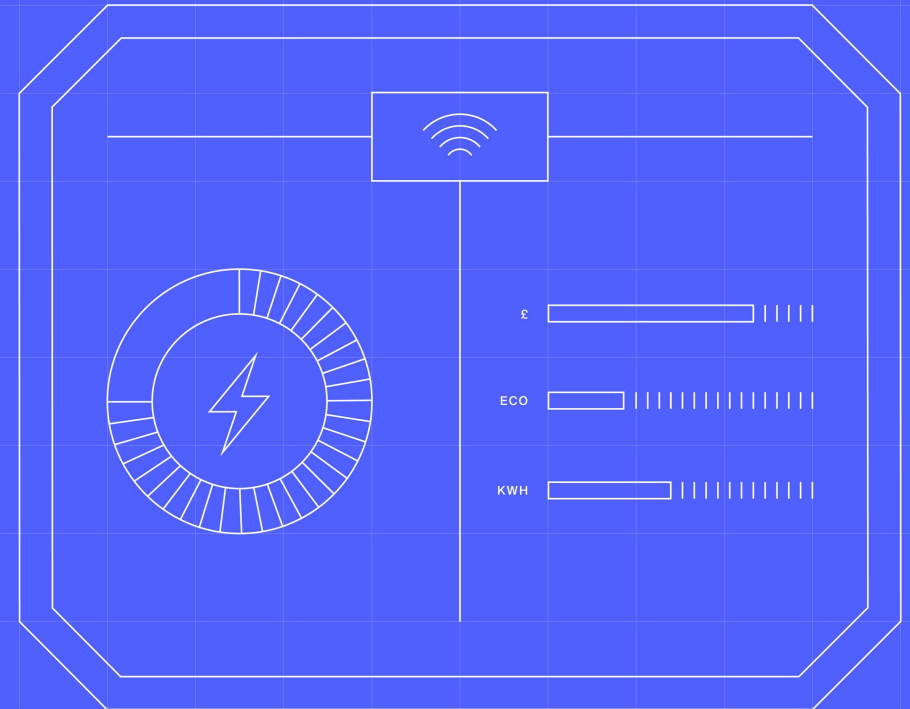
Qualification Advisory Group (QAG)*	
	Qualification and E2E Sandbox Working Group (QWG)
Upcoming deliverables	<ul style="list-style-type: none"> N/A
Latest meeting's agenda items	13 May 2025 <ul style="list-style-type: none"> TBC
Agenda items from last meeting	08 April 2025 <ul style="list-style-type: none"> M10 Checkpoint Update QAD Progress Update Agent Appointment Management Letters Legacy Assurance under the REC E2E Sandbox PPIR Update Qualification Artefacts Non-SIT LDSO QT Update
L3 escalations	None

Summary and Next Steps

INFORMATION: Summarise meeting actions and next steps

Chair & Secretariat

5 mins



Next steps

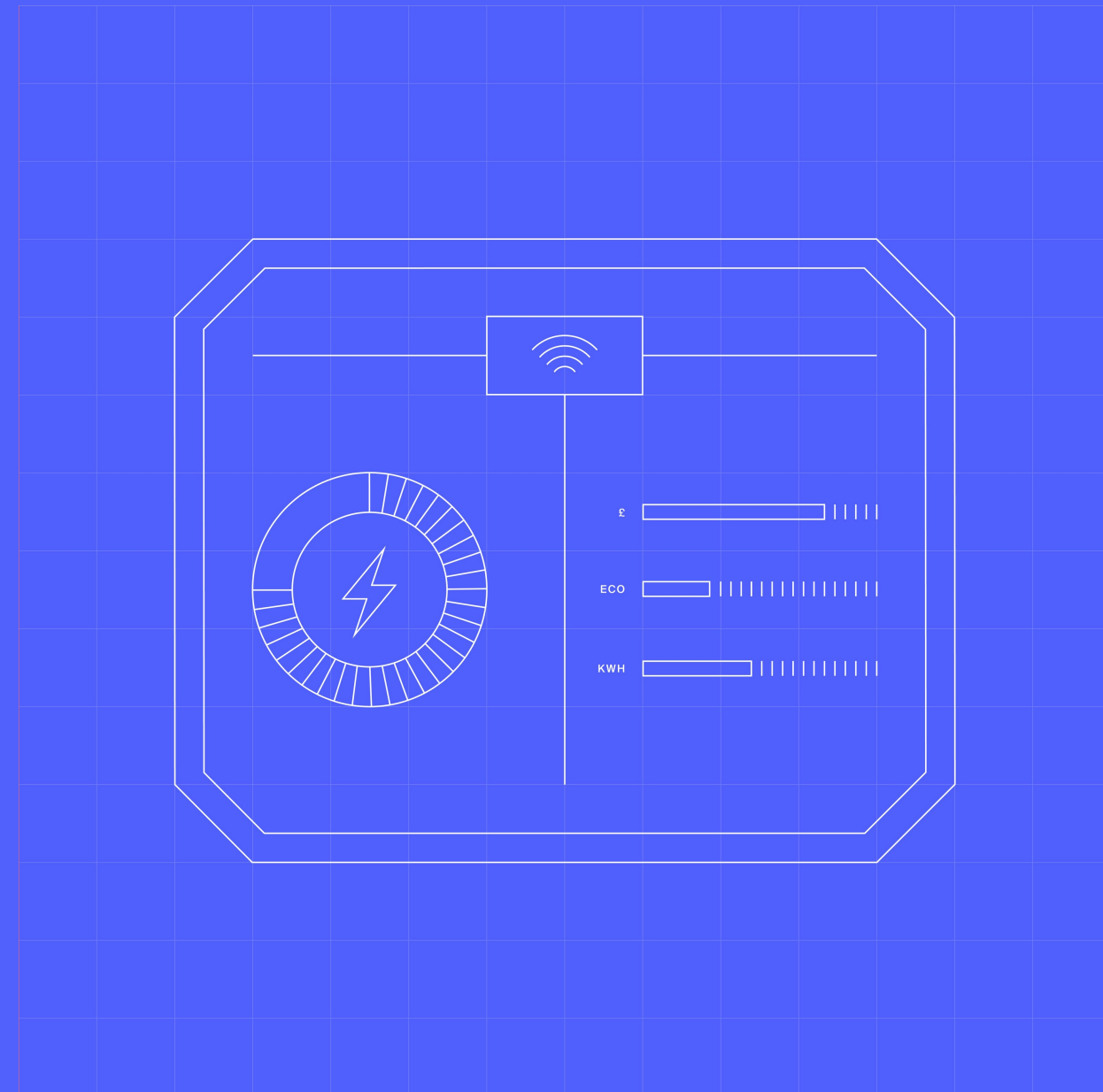
- Secretariat to confirm actions and decisions from meeting
- Next CDWG meeting **13 May 2025 at 10am**
- Next CCAG meeting **28 May 2025 at 10am**

Meeting dates	23 April	28 May	25 June
Relevant milestones or activities			
Agenda items	<ul style="list-style-type: none">• M8 Updates• Urgent Fast Track change process	<ul style="list-style-type: none">• M8 SCR Mods• M8 SCR Timescales	<ul style="list-style-type: none">• M8 SCR Mod updates
Standing items	<ul style="list-style-type: none">• Headline report and actions• Programme updates• Horizon Scanning Log• CCAG Reporting• Next steps	<ul style="list-style-type: none">• Headline report and actions• Programme updates• Horizon Scanning Log• CCAG Reporting• Next steps	<ul style="list-style-type: none">• Headline report and actions• Programme updates• Horizon Scanning Log• CCAG Reporting• Next steps

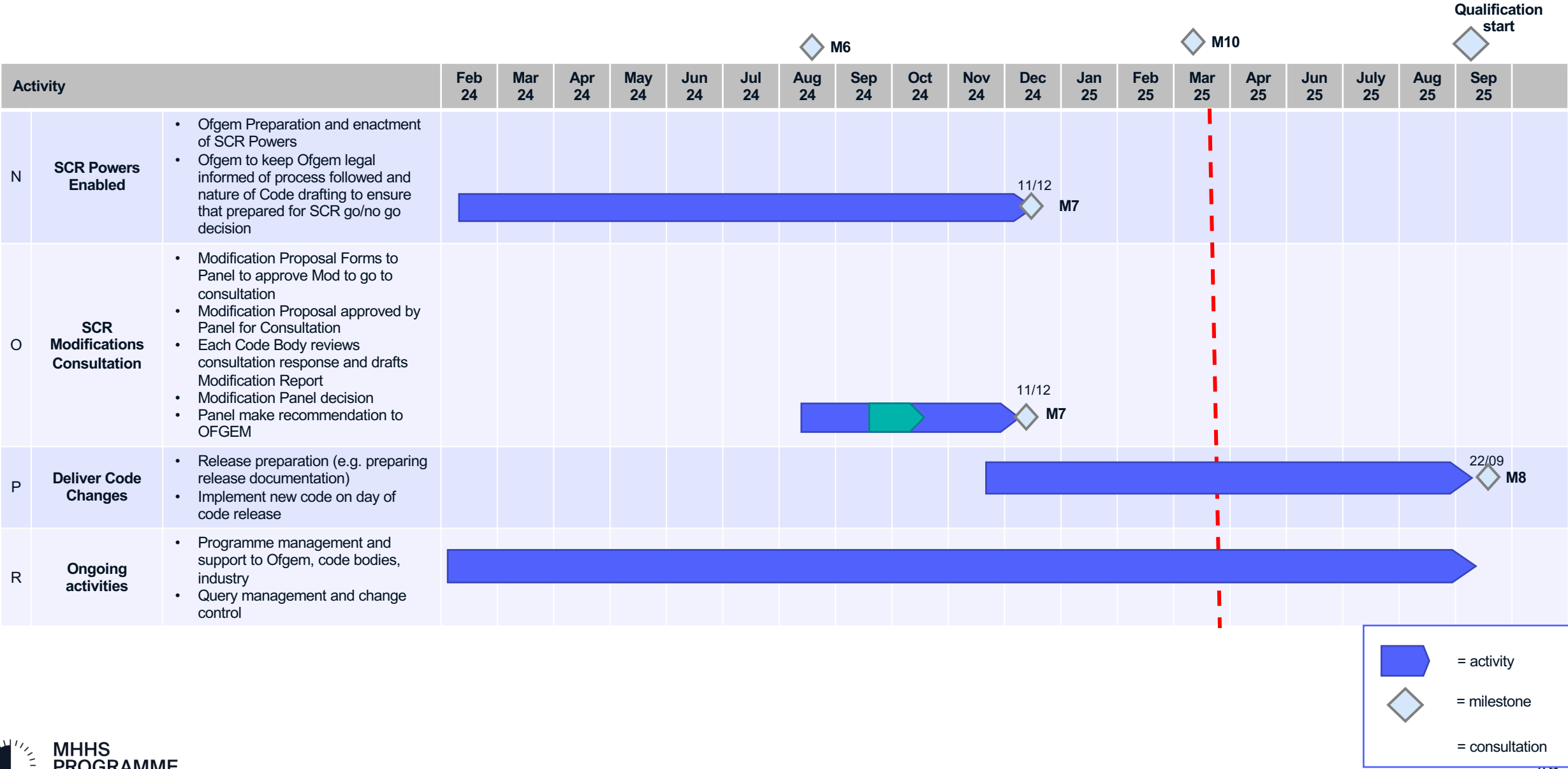
If you would like to request agenda items for the CCAG, please contact PMO@mhhsprogramme.co.uk

Appendices

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



M8 Plan on a Page



MHHS RELATED REC CATEGORY 3 POAP V1.7 (17/03/2025)

CAT 3 MHHS updates	Jul 24	Aug	Sep	Oct	Nov	Dec	Jan 25	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	
Performance Assurance Operating Plan*	<div><div>Consult</div></div>	<div><div>PAB Approval</div><div>Implemented (01/09)</div></div>									<div><div>Development</div><div>Consult</div><div>PAB Approval</div><div>Implemented (02/09)</div></div>					
REC Entry Assessm't Forms*	<div><div>Development</div></div>			<div><div>CM Approval</div></div>	<div><div>Implemented (11/10)</div></div>						<div><div>Review and update if required</div><div>CM Approval</div></div>					
REC Entry Assessm't Pack*	<div><div>Development</div></div>			<div><div>PAB Approval</div></div>	<div><div>v5 Implemented (11/10)</div></div>						<div><div>Review and update if required</div><div>PAB Approval</div></div>					
REC Service User Categorisation	<div><div>Approved (PAB) and implemented 09/04/24</div></div>															
REC & BSC Joint Storyboards	<div><div>Development</div></div>				<div><div>PAB Approval</div></div>						<div><div>Implemented M8</div></div>					
CSS External Test'g Scenarios	<div><div>Development</div></div>				<div><div>REC CM Approval</div></div>						<div><div>Implemented M8</div></div>					
EES User Guides **	<div><div>Development</div></div>									<div><div>EES Service Provider Approval</div><div>Implemented M8</div></div>						
Meter Update (IF005) User Guide	<div><div>New</div></div>					<div><div>Development</div><div>Consult</div><div>MEP Approval</div></div>					<div><div>Implemented M8</div></div>					
Meter Config Table Update Process	<div><div>New</div></div>	<div><div>Development</div><div>Consult</div><div>MEP Approval</div></div>								<div><div>Implemented M8</div></div>						
Guidance on Elec Metering Points	<div><div>Consult</div></div>	<div><div>MEP Approval</div></div>														
	<div><div>Completed</div></div>															
Electricity DAM & EES Users (App 1)	<div><div>Development</div></div>					<div><div>PAB Approval</div></div>		<div><div>Consult</div></div>		<div><div>PAB Approval confirmed post consultation (no change)</div></div>					<div><div>Implemented M8</div></div>	
Technical Expert Panel ToR	<div><div>Development</div></div>		<div><div>Change Panel Approval</div><div>Implemented (11/10)</div></div>													
	<div><div>Completed</div></div>															

Updates from Version 1.6

- 1) EES User Guide approval end-Mar rather than mid-Feb. To be published early Apr 2025.
- 2) Meter Update (IF005) User Guide consultation moved Mar 2025 to Apr 2025, and MEP Approval moved back 1 month.
- 3) Considering creating new CAT 3 covering population of SSC information (dates tbc).

Notes

- 1) Once approved, all CAT 3 documents updated for MHHS will be published on a dedicated REC Portal MHHS Hub [here](#)
- 2) Product owner determines if consultation required.
- 3) Separate party engagement/training plan being developed.
- 4) * Initial update completed for MHHS. Further update as necessary as part of annual review cycle.
- 5) ** Separate EES User Guides for Distributors, Suppliers, MEM & Supplier Agents, 3rd Parties, Non-Domestic Customers & TPIs.