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# Cross Code Advisory Group #22

## 27 September 2023

## Agenda (1/2)

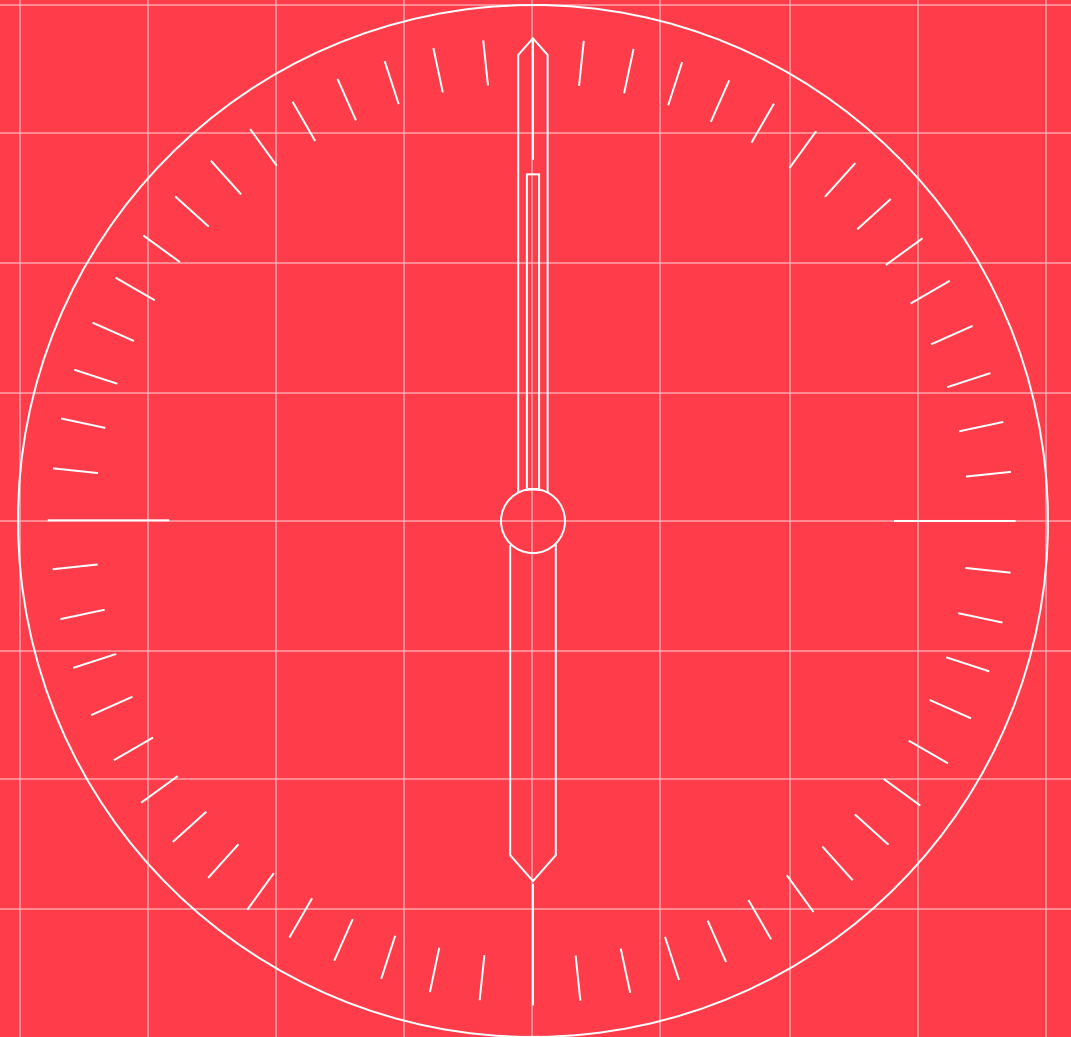
#	Item	Objective	Type	Lead	Time	Page
1	Welcome			Chair	10:00-10:05 5 mins	2
2	Minutes and Actions	Approve minutes of previous meeting and review outstanding actions	Decision	Chair & Secretariat	10:05-10:15 10 mins	3
3	Programme Updates	Updates from MHHS Programme governance groups and the wider Programme	Information	Programme (PMO)	10:15-10:20 5 mins	6
4	Horizon Scanning Log	Updates from all Code Bodies and the Programme on changes which may impact MHHS Programme	Discussion	Programme & Code Bodies	10:20-10:50 30 mins	8
5	CDWG Escalations	Decision on the BSC Central Services recommendation	Decision	Programme (Andrew Margan & Chris Welby)	10:50-11:00 10 mins	23
6	CCAG Reporting, Risks and Milestones	<ul style="list-style-type: none"> <li>Overall Programme status, risks and milestones updates</li> <li>Amending Code milestones</li> <li>Mop-up planning activities</li> </ul>	Information Decision Information	Programme (Andrew Margan)	11:00-11:15 15 mins	26
7	Consequential Code Change Delivery	Consequential Code Change delivery updates	Information	Elexon, DCUSA, NGESO	11:15-11:30 15 mins	31
8	CDWG Update	Updates from the Code Drafting Working Group (CDWG)	Information	Programme (Andrew Margan)	11:30-11:35 5 mins	36
9	Summary and Next Steps	Summarise meeting actions and next steps	Information	Chair & Secretariat	11:43-11:45 5 mins	38
10	Appendices	<i>Appendix 1 - Code POAP</i> <i>Appendix 2 - Programme governance</i> <i>Appendix 3 - Mop-up illustrations</i>	Information			40

# Minutes and Actions

**DECISION:** Approve minutes of previous meeting and review outstanding actions

*Chair & Secretariat*

*10 mins*



## Minutes and Actions (1/2)

- Approval of change marked [Headline Report and Minutes of CCAG meeting held 23 August 2023](#).
- Review of outstanding actions:

Ref	Action	Owner	Due Date	Status	Update
CCAG20-02	Programme to include a list of Mop-up planning and the changes to be delivered under this.	Programme (Andrew Margan)	23/08/2023	Recommend Closed	To be covered in agenda item 7.
CCAG21-01	Ofgem to discuss putting out a statement to industry which explains the rationale behind delay of the P432 decision.	Ofgem (Sinead Quinn)	27/09/23	Recommend Closed	<p>Update from Ofgem:</p> <ul style="list-style-type: none"> <li>• In our Send Back letter on P432 (dated 31 August 2022) we said it was desirable that a DCUSA modification should be raised “as soon as possible to resolve the issues described surrounding excess capacity charging. We consider that this DCUSA modification should come into force before the start of migration under P432”.</li> <li>• Ofgem approved DCP414 on 31 July 2023. It comes into force on 1 April 2024.</li> <li>• If Ofgem were to approve P432, industry would require three months of preparation time.</li> <li>• On that basis, Ofgem intends to make its decision on P432 at the start of January 2024.</li> </ul>
CCAG21-02	Programme to engage with Elexon regarding concerns around R0144 (linked to P459) impacts to the MHHS Programme.	Programme (Chris Welby)	27/09/23	Open	Verbal update to be provided during the meeting.
CCAG21-03	To ensure all Code Bodies are in attendance at CCAG meetings and make appropriate updates to the horizon scanning log.	Programme (Chris Welby)	27/09/23	Open	Updates provided from RECCo, BSC and the Programme. No changes to the horizon scanning log from DCUSA.
CCAG21-04	Programme to provide an update on their inputs to the horizon scanning log at subsequent CCAGs (in relation to P459).	Programme (Matt Hall)	27/09/23	Recommend Closed	To be covered in agenda item 4.

## Minutes and Actions (2/2)

- Approval of change marked [Headline Report and Minutes of CCAG meeting held 23 August 2023](#).
- Review of outstanding actions:

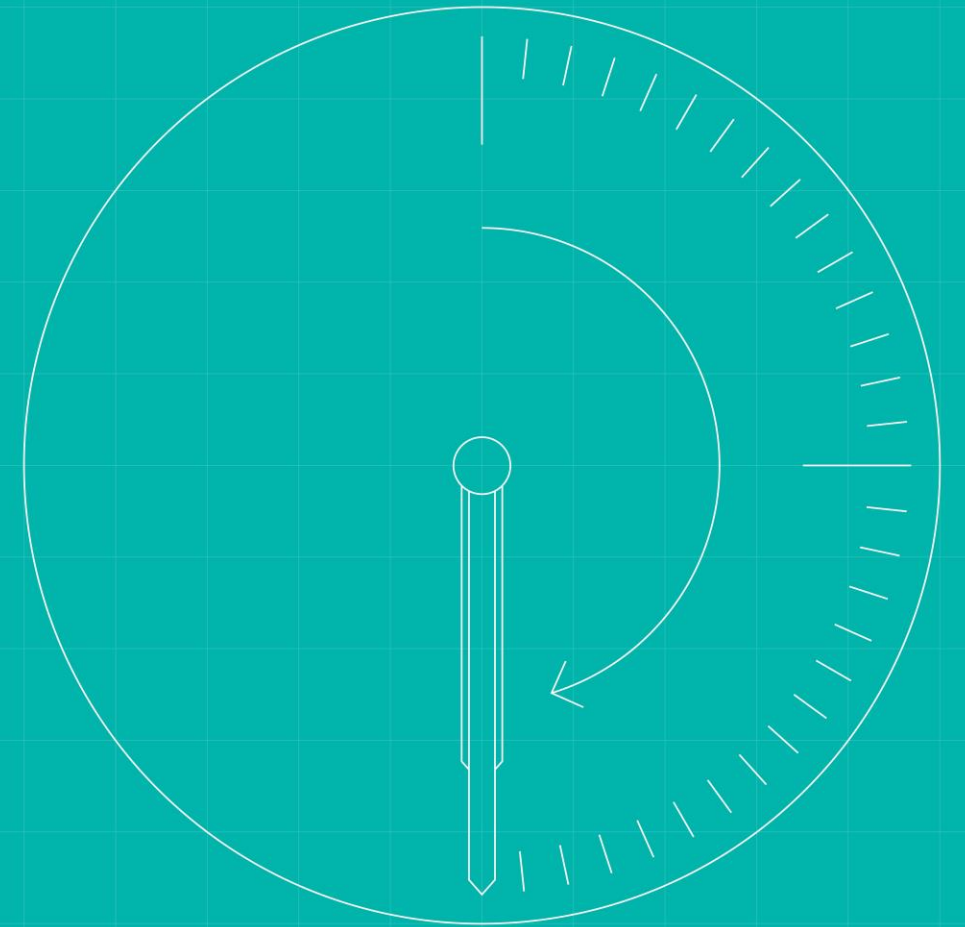
Ref	Action	Owner	Due Date	Status	Update
CCAG21-06	NGESO to provide further delivery updates on consequential code change at subsequent CCAGs.	NGESO (Neil Dewar)	27/09/23	Recommend Closed	Verbal update to be provided in agenda item 7.
CCAG21-07	Elexon to provide further delivery updates on consequential code change at subsequent CCAGs.	Elexon (Oli Meggitt)	27/09/23	Recommend Closed	To be covered in agenda item 7.
CCAG21-08	Programme plan to be updated to reflect Elexon's amended consequential change delivery date.	Programme (Andrew Margan)	27/09/23	Open	Code workstream milestones need to be amended first to enable the CCAG plan update. To be covered in agenda item 6.

# Programme Updates

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

*Programme (PMO)*

*5 mins*



Governance group updates

**Programme Steering Group (PSG)**

**Updates from PSG 06 September 2023**

- SIT Update:** SIT consists of five stages, with participants due to enter CIT 30 October 2023. The Programme are working to support the readiness of Core Capability Providers (Helix, DIP, St Clements, RECCo, DCC). Preparation for post M9 (SIT Start) activities (e.g. CIT intervals 2, 3, 4 and test assurance) is underway. A [SIT Tracker](#) has been produced which provides detail and commentary on individual testing activities as well as RAG statuses. The tracker will be updated twice per week.
- Qualification Testing:** Elexon and RECCo provided updates on Qualification Testing timelines, tranche allocation, approach and plan, the Qualification Assessment Document (QAD), placing reliance, and risks/dependencies. Work is underway by Code Bodies to confirm SIT equivalence and placing reliance arrangements. Tranche allocations will be on a first come/first served basis, and participants are encouraged to consider the realistic dates to under qualification and submit their intentions to qualify to the Code Bodies with any preferences.

PSG papers available [here](#).

**Testing and Migration Advisory Group (TMAG)**

**Update from TMAG 20 September 2023**

- Migration Thresholds and Migration Profile:** The Programme provided an update on the proposed timelines for the development of the Migration Threshold artefact.
- SIT Functional Test Scenarios & Cases:** The Programme shared the revised delivery approach for the SIT Functional Test Scenarios & Cases.
- E2E Testing and Integration Strategy:** The Programme provided an update on the delivery of the refreshed strategy.
- SIT CIT Test Cases:** The Programme provided an update on Test Cases Batch 1 (Intervals 1 & 2).
- SIT CIT Readiness Tracker:** The Programme shared that the tracker was available on the CB [here](#) and is being updated weekly.
- Qualification Update:** The Elexon Qualification Lead provided an update on QWG.
- IPA Test Assurance Update:** The IPA provided an update on P1 and P2 Test Assurance.
- 3 Month Milestone Look Ahead & Milestone Changes:** The TMAG approved milestone changes to the Programme Plan.
- Top Programme Risks related to TMAG:** the top risks and related mitigation actions were discussed.

TMAG papers available [here](#)

**Design Advisory Group (DAG)**

**Updates from DAG 13 September 2023**

- Change Request Decisions:** The DAG approved the following Programme Change Requests (CRs):
  - CR023** [Standardisation of Interfaces within the Smart and Advanced Data Services Roles](#)
  - CR027** [Distribution Use of System \(DUoS\) E-Billing Data Integration Platform \(DIP\) message for MHHS](#)
  - CR028** [Corrections to EES and SDEP Requirements](#)
  - CR029** [DIP LDSO Interface Processing](#)
  - CR030** [Introduction of Compressed Payloads into DIP Messages](#)
  - CR031** [Amending Transition Design Milestone Description and Delivery Date](#)
- DES196 Supplementary Documents:** The DAG approved the baselining of supplementary documents to the DES196 D-Flow and Interface Mapping
- Design (DIN):** The next scheduled design release is Interim Release (IR) 5 on 04 October 2023. The deadline for objections is 20 September 2023. IR5 will form the build requirements for SIT Functional testing.

DAG papers available [here](#)

**Cross Code Advisory Group (CCAG)**

**Update from CCAG 23 August 2023**

- Horizon Scanning Log:** For the DCUSA, DCP414 was discussed and had been approved at the Authority. For REC, R0083, R0083A, R0143, R0144 were discussed. For BSC, P458, P459, P460 were discussed.
- CDWG Escalations:** CCAG members approved the CDWG recommendation of BSC and RED Registration Code Artefact approval.
- CCAG Reporting, Risks and Milestones:** The Programme provided a status summary on code drafting activities and August deliverables, Programme milestone changes, top Programme risks related to CCAG and the DCUSA consequential change status report.
- NGESO Delivery Update:** NGESO provided an overview of the challenges facing CUSC charging and their proposed solutions.
- Elexon Delivery Update:** Elexon shared the outline and key steps of their CCC path for the performance assurance areas.

CCAG papers available [here](#)

Wider Programme updates

**Placing Reliance Proposal for non-Systems Integration Testing (SIT) participants:**

To assist participants who are **not** taking part in Systems Integration Testing (SIT) and who intend to place reliance on some, or all of the testing completed by a third party in line with the [MHHS-DEL1064 MHHS Placing Reliance Policy](#), RECCo and Elexon have produced a **Placing Reliance Proposal Form**. You can view the Placing Reliance Proposal Form on the [Qualification page of the MHHS website](#). Following completion of the form, participants are requested to email their proposals to both [qualification@elexon.co.uk](mailto:qualification@elexon.co.uk) and [performanceassurance@recmanager.co.uk](mailto:performanceassurance@recmanager.co.uk)

**Readiness Assessment Three:**

On **Tuesday 5 September**, the Programme Party Coordinator (PPC) Team issued RA3 to participants' Principal Contacts for completion. The deadline is **17:00 on Monday 25 September**, to return your completed assessment.

**Guidance Documents:**

- SIT Tracker:** This Tracker is used to monitor and document the progress of all the test dependencies related to the start of Component Integration Testing (CIT), and all intervals and SIT stages that are to follow. The Tracker will be **updated every Thursday**, and uploaded onto the [SIT Tracker page of the Collaboration Base](#).
- ISD Sample Files to be used for CIT:** Industry Standing Data (ISD) is a new set of common data required by Programme participants, and is being introduced by the Programme to replace the legacy Market Domain Data. To access the files and for more information, visit the [Industry Standing Data page of the Collaboration Base](#).
- DIP Guidance:** We've published materials to support all Programme participants in understanding their journey into the Data Integration Platform (DIP). These can be viewed on the [DIP page of the MHHS website](#).
- Testing and Qualification of MDR and Smart Data Services:** The Programme published the **Meter Data Retrieval (MDR) Testing and Qualification document** to provide clarity on the current approach to testing MDR services and the Code Bodies approach to Qualification. You can view the MDR Testing and Qualification document on the [Testing Overview page of the MHHS website](#), which includes current assumptions and risks.

**Upcoming events:**

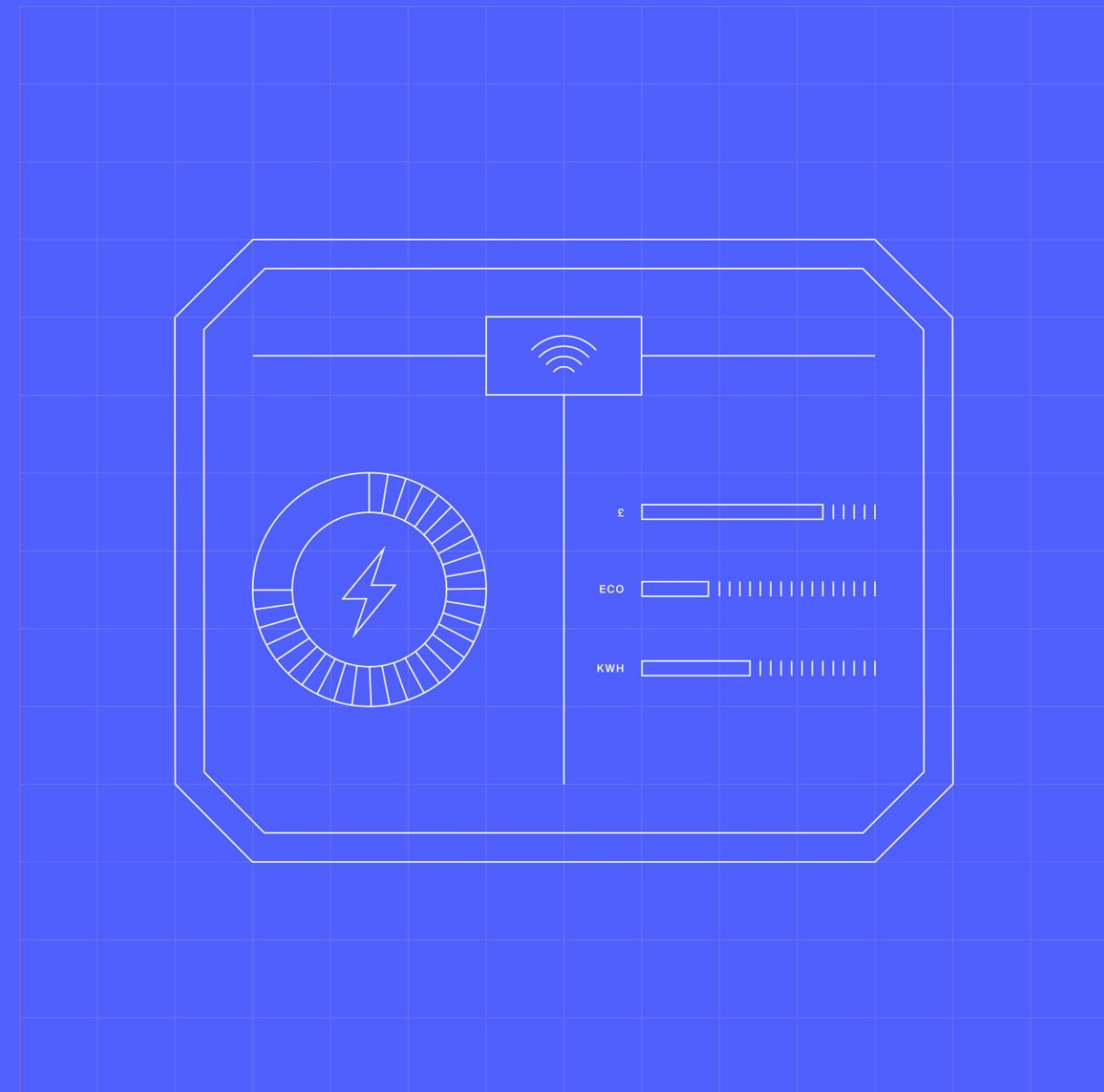
- 27 September:** [Cross Code Advisory Group \(CCAG\)](#)
- 27 September:** Security Design Working Group (SDWG)

# Horizon Scanning Log

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

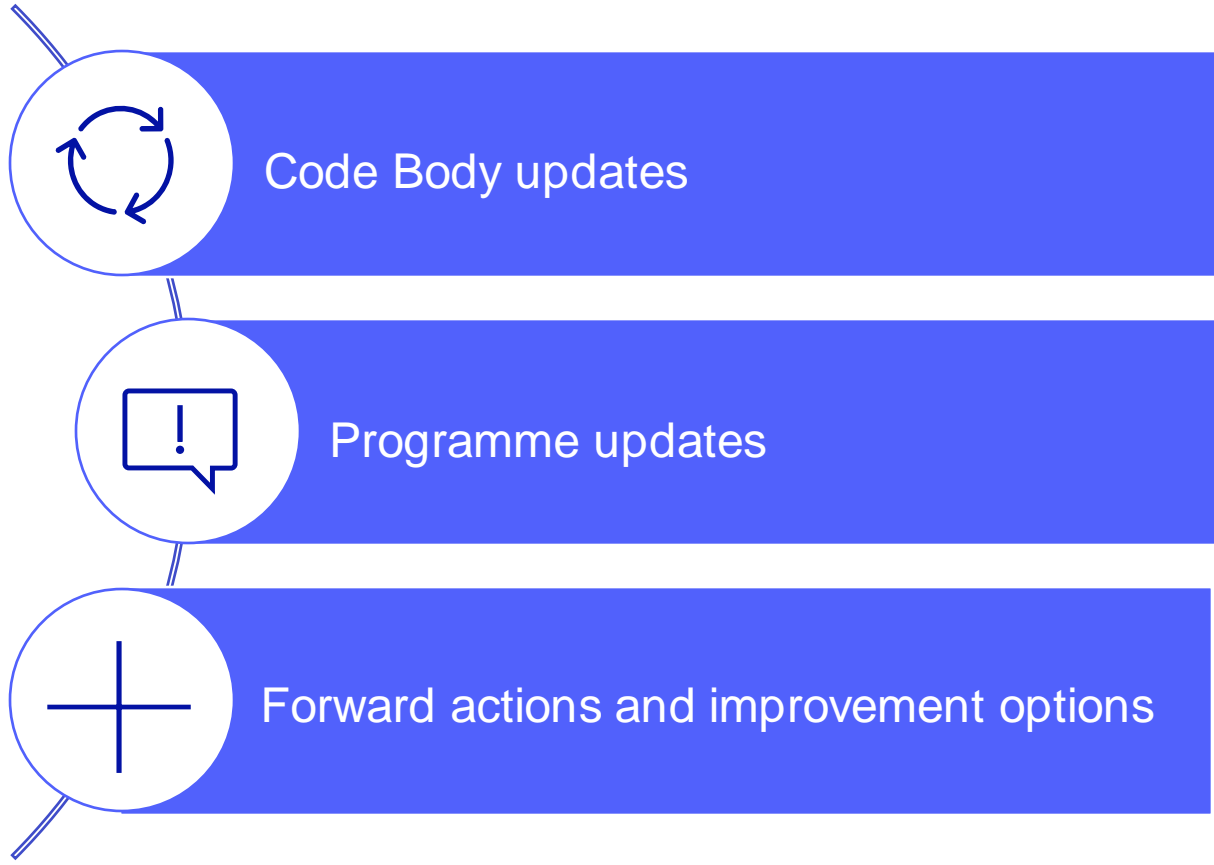
*Programme & Code Bodies*

*30 mins*

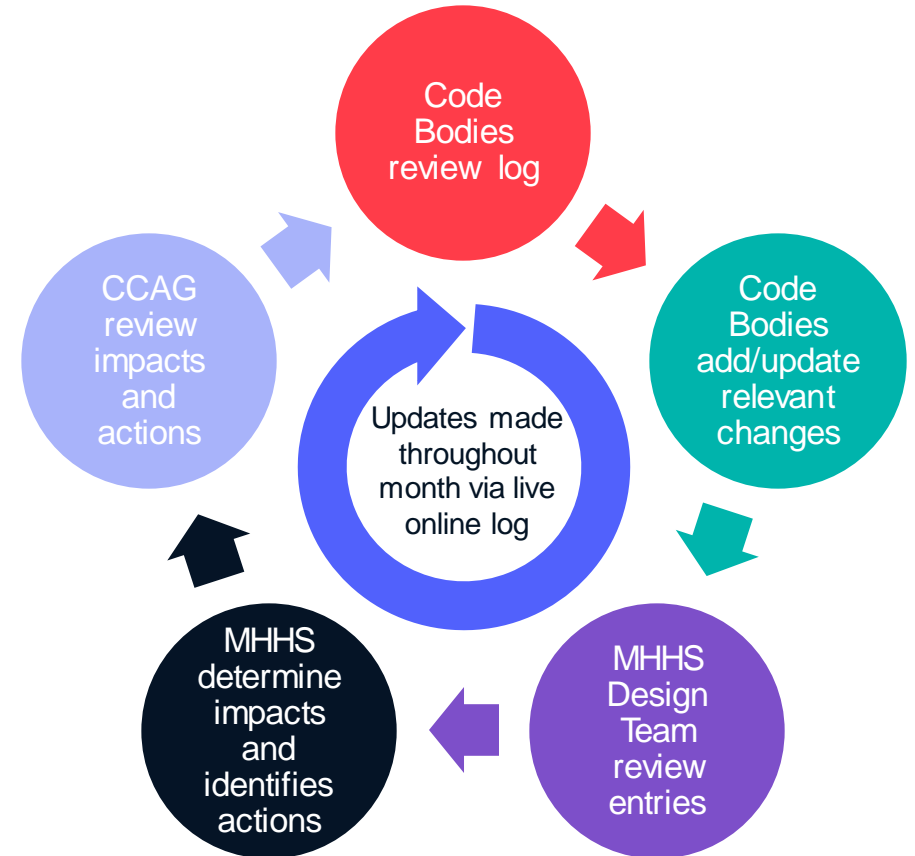




## CCAG Horizon Scanning Log 26 July 2023



## Reminder: Horizon Scanning Log Process



Live log available on the [Programme Collaboration Base](#) – please contact [PPC@mhhsprogramme.co.uk](mailto:PPC@mhhsprogramme.co.uk) if you require access

Direct link: [MHHS-DEL387 CCAG Code Change Horizon Scanning Log v1.0](#)

Change Title		Issue 109 'Treatment of domestic solar self-consumption within Settlement'					
Change Summary:		<p>The current Boundary Point Settlement Metering System measures electricity Import and Export on an instantaneous basis. This means that even if a household generates and consumes equal amounts of energy over a Settlement Period, they can still incur charges due to momentary imbalances between generation and consumption. As a result, customers may face higher bills and complexities in energy management. The current system also poses challenges in accurately reflecting the true energy surplus or deficit over a given settlement period.</p> <p>As an Issue, this group will make a recommendation whether any changes should be raised and if so when. We currently believe any changes should target implementation post-MHHS go-live.</p>					
Stakeholder positions:		TBC					
Date raised	8 Sep 2023	Status	Workgroup Assessment	Decision date	n/a – an Issue not a change	MHHS Impact	Likely

## Horizon Scanning Code Body Change Update BSC (2 of 6)

Change Title		P432 'Half Hourly Settlement for CT Advanced Metering Systems'					
Change Summary:		<p>Existing CT Advanced Meters settling Non-Half Hourly (NHH) are required to move using the Change of Measurement Class (CoMC) process to settle HH by MHHS Milestone M14 and all new connections for CT Advanced Meters will be required to settle HH from three months after approval.</p> <p>Ofgem now expect to make a decision in January 2024.</p>					
Stakeholder positions:		<p>The BSC Panel recommends approval of P432 and implementation 3 months after approval. Majority of respondents support P432 approval. Suppliers generally against, Supplier Agents generally supportive.</p>					
Date raised	2 Dec 21	Status	With Ofgem for decision	Decision date	15 Jan 24	MHHS Impact	No – MHHS assume P432 will be approved

Change Title		P455 'On-Site Aggregation as a method to facilitate Third Party Access'					
Change Summary:		<p>This Modification seeks to establish a more cost effective and efficient method for delivering Third Party Access on private networks that include domestic and small business customers. It does so by enabling aggregated meter data from sub meters on private networks to be submitted into Settlement in lieu of data from Settlement meters installed at the Boundary Point.</p> <p>First Workgroup meeting held on 12 September to review the Terms of Reference.</p> <p>Current MHHS impact: P455 does not impact the current MHHS design. Subject to the P455 Implementation Date, the BSC and Retail Energy Code (REC) MHHS code drafting may need to be updated.</p> <p>Our understanding is that Third Party Access to private networks is not part of the MHHS design, as the intent of the processes and rules are not changing. However, the arrangements will need to be carried over from the legacy code artefacts to the new code artefacts as part of the MHHS code drafting activity. This assumption will need to be validated as the P455 solution is developed.</p>					
Stakeholder positions:		TBC					
Date raised	8 June 2023	Status	Workgroup Assessment	Decision date	~March 2024	MHHS Impact	No CR needed

## Horizon Scanning Code Body Change Update BSC (4 of 6)

Change Title		P458 'Introducing Data Controller and Processor Obligations in the BSC for MHHS Testing'					
Change Summary:		<p>The Modification aims to address the need for sharing personal information in the Balancing and Settlement Code (BSC) for Market-wide Half Hourly Settlement (MHHS) testing. It will avoid the need for bilateral agreements between MHHS and testing participants. The Modification is currently with Ofgem for decision with a BSC Panel recommendation to approve. Ofgem have been asked to make a decision ASAP and by no later than 31 October 2023.</p>					
Stakeholder positions:		<p>Panel recommend approval 5 WDs after approval Majority of consultation respondents supportive</p>					
Date raised	13 July 2023	Status	With Ofgem for decision	Decision date	By 31 Oct 23	MHHS Impact	No CR needed

Change Title		P459 Allowing different Supplier Agents to be appointed to Import and Export MSIDs					
Change Summary:		<p>Good Energy raised P459 on 3 August, following Ofgem’s rejection of its associated sandbox application. Ofgem rejected Good Energy's sandbox application as they were “not persuaded that a trial is necessary, and believe these benefits would be better realised by Good Energy raising modifications to the BSC and REC.”</p> <p>A consequential change will be required to REC and possibly SEC and DCUSA. A consequential MHHS CR will also be required. These impacts will be considered once the solution has been worked up.</p> <p>This modification would allow Suppliers to appoint different Supplier Agents for the Import and Export MSIDs apply where Data Communications Company (DCC) enabled smart meters are installed. Being able to appoint different Supplier Agents across Import/Export MSIDs will enable it to remove a barrier preventing the use of Export MSIDs for small-scale microgeneration. The impacts on MHHS has been included as a Workgroup Terms of Reference.</p> <p>First Workgroup planned for September. However, an alternative solution has been put forward that may not require a BSC Modification. The Proposer is considering this option and what this means for his Proposal.</p>					
Stakeholder positions:		TBC					
Date raised	3 August 2023	Status	Workgroup Assessment	Decision date	~June 2024	MHHS Impact	CR needed: Design impacted

## Horizon Scanning Code Body Change Update BSC (6 of 6)

Change Title		P460 'Amend the responsibility to propose and consult on a MHHS Migration Plan'					
Change Summary:		P460 aims to change responsibility for proposing, consulting on and obtaining approval of the Market-wide Half Hourly Settlement (MHHS) Migration Plan from BSCCo to the Market-wide Half Hourly Settlement Programme (MHHS). The MHHS Programme plan already reflects this position.					
Stakeholder positions:		Panel recommend approval 5 WDs after approval Consultation respondents support proposal					
Date raised	10 August 2023	Status	With Ofgem for decision	Decision date	TBC	MHHS Impact	No impact

## Horizon Scanning Code Body Change Updates REC – Existing (1/5)

Change Title		R0083 and R0083A - Changes to Supply Number Format for MHHS					
Change Summary:		R0083 seeks to replace the Data Items which make up the top line of the Supply Number format, to accommodate that the existing Data Items will no longer be available under the new Market-wide Half Hourly Settlement design. R0083A seeks to remove the top line.  <b>Update 20/09 – Authority decision now expected on 20/10.</b>					
Stakeholder positions:		Mixed support, with greater support for Original rather than Alternative					
Date raised:	17/11/21	Status:	Awaiting Authority Decision	Decision date:	20/10/2023	MHHS Impact	Of interest

Change Title		R0062 - Removal of ERDA meteringPointEnergyFlow change restriction					
Change Summary:		This change looks to allow DNOs to make more than one change to the Energy Direction in ERDS, to improve data accuracy without requiring a new RMP. The MHHS Design reflects the current one-time only restriction.  <b>Update 20/09 – Impact assessment period has started including assessment by the MHHS Programme. Party impact assessment to be triggered by 19/10. Inclusion in MHHS design is not essential for the Change Proposal to progress due to short term benefit and configurable nature of the technical solution.</b>					
Stakeholder positions:		DNOs and Suppliers supportive					
Date raised:	28/02/22	Status:	Under Development	Decision date:	TBC	MHHS Impact	Direct impact



Horizon Scanning Code Body Change Updates REC – Existing (2/5)

<b>Change Title</b>		<b>R0043 - Commissioning of Works using shared Meter Operator services by the Crowded Meter Room Co-ordinator (CMRC)</b>					
Change Summary:		<p>This Change Proposal will introduce new processes which will allow a Crowded Meter Room Co-ordinator (CMRC) to contract with a REC accredited MEM to act on behalf of the CMRC, so that they may resolve issues on behalf of all Registered Suppliers within that meter room. The MEMs undertaking this work on behalf of the CMRC will be referred to as the Crowded Meter Room MEM.</p> <p><b>Update 20/09 – Consultation closed and final assessment in progress. CP Plan under review to consider pushing back decision to incorporate information from R0132 impact assessments on the Market Participant Role Code or to allow for Elexon to confirm an alternative.</b></p>					
Stakeholder positions:		Supportive but concerns on wider solution and regarding implementation due to reliance on the availability of a new market role codes					
Date raised:	21/04/22	Status:	<b>Final assessment</b>	Decision date:	TBC	MHHS Impact	Of interest
<b>Change Title</b>		<b>R0117 - Retrospective Implementation of Distribution Code Use of System Agreement (DCUSA) DCP 383</b>					
Change Summary:		<p>DCP 383, implemented in February 2022, allows the DNO to move existing whole current meters and associated metering equipment as part of a service alteration. DCUSA impacted parties were identified as Suppliers, DNOs and IDNOs, however, as part of the legal text and changes to the Data Specification, Meter Equipment Managers (MEMs) are also impacted. This Change Proposal picks up the REC consequential change that will provide the associated MEM process.</p> <p><b>Update 20/09 – Consultation closed and final assessment in progress.</b></p>					
Stakeholder positions:		MEMs are supportive as they are currently receiving the new flow (D0395) but have no process					
Date raised:	12/05/23	Status:	<b>Final Assessment</b>	Decision date:	<b>11/10/2023</b>	MHHS Impact	Of interest

## Horizon Scanning Code Body Change Updates REC – Existing (3/5)

Change Title		R0132 - Change the Logical Format of the J0001 (DI50001) 'Market Participant Role Code' data item to Char(2)					
Change Summary:		<p>Raised by Elexon to enable future additional role codes to be created. The proposed solution is to change the logical format of the J0001 (DI50001) from one to two characters. The data item is included in one REC Market Message (Green Deal MDD). All DTN exchanged REC-owned Market Messages feature the data item in the header and footer of the file. This will impact all stakeholders sending and receiving REC-owned Market Messages.</p> <p><b>Update 20/09 – The Initial Assessment Report and Change Proposal Plan were approved by REC Change Panel on 19/09. The Service Provider impact assessment has been triggered. The change is following an Urgent timetable.</b></p>					
Stakeholder positions:		Feedback on needing more information on alternative solutions considered by Elexon and the targeted implementation of June 2023.					
Date raised:	23/06/23	Status:	Under Development	Decision date:	TBC	MHHS Impact	Of interest

Change Title		<b>R0139 - Alignment of Market Message D0225 ‘consent to share flag’ to support PSR data sharing</b>					
Change Summary:		<p><b>This Change Proposal looks to update the definition of the PSR flag J2208, ‘Consent to share data obtained,’ of Market Message D0225 ‘Priority Service Details’ (Market Message ID MM00128) to reflect the different legal bases for its use. This relates to a Energy Networks Association and Water UK project to enable two-way data sharing of Priority Services Register (PSR) data between Distribution Network Operators (DNOs) and water companies.</b></p> <p><b>Update 20/09 – New CP.</b></p>					
Stakeholder positions:		Distribution Networks Operators are supportive					
Date raised:	17/04/23	Status:	New CP	Decision date:	TBC	MHHS Impact	Of interest

For information: Horizon Scanning Log updated with impacts:

- R0062 - Removal of ERDA meteringPointEnergyFlow change restriction
- R0095 - Changes to allow DNOs to reinstate disconnected MPANs
- R0117 - Retrospective Implementation of Distribution Code Use of System Agreement (DCUSA) DCP 383
- R0132 - Change the Logical Format of the J0001 (DI50001) 'Market Participant Role Code' data item to Char(2)
- R0143 - New value for Site Visit Check Code (J0024)

## Horizon Scanning Log Updates - Programme (1/2)

Item No.	Detail	Raised by	Date raised	Programme comments	Action required	Status
R0083	Changes to supply number format for MHHS	RECCo	13-Jan-23	No impact on design. Support progression.	Testing to confirm no impact.	Open
R0083A	Changes to supply number format for MHHS (Alternative)	RECCo	13-Jan-23	No impact on design.	Testing to confirm no impact.	Open
R0095	Changes to allow DNOs to reinstate disconnected MPANs	RECCo	19-Apr-23	Programme design impacts dependent on solution proposal	Testing to confirm no impact.	Open
R0101	Revision of the implementation date and approved solution for R0021	RECCo	19-Apr-23	No impact on design.	Testing to confirm no impact.	Open
R0102	Revision of the approved solution for R0032	RECCo	19-Apr-23	No impact on design.	Testing to confirm no impact.	Open
R0043	Commissioning of works by the crowded meter room coordinator to resolve issues in crowded meter rooms	RECCo	24-May-23	No impact on design.	Testing to confirm no impact.	Open
R0109	Aligning electricity and gas timescale requirements for sharing MTD information	RECCo	18-Jul-23	Potential Change to Operational Choreography. Await proposed solution to review	Testing to confirm no impact.	Open
R0121	SDEP review improvements (1) – process types and escalations	RECCo	18-Jul-23	No impact on design.	Testing to confirm no impact.	Open
R0117	Retrospective implementation of distribution code use of system agreement DCP 383	RECCo	18-Jul-23	Whatever the interaction between the Metering Service and this new 3rd party - the Metering Service would be obliged to submit the change of meter location per the current MHHS defined process	Testing to confirm no impact.	Open
R0132	Change the logical format of the J0001 (DI50001) 'Market Participant Role Code' data item to Char(2)	RECCo	18-Jul-23	Programme CR required to progress the update to the ISD documentation.	RECCo to raise a Programme CR.	Open
R0133	Consequential cross-code change for BSCP441 – complex site classes creation	RECCo	18-Jul-23	No impact on design.	Testing to confirm no impact.	Open
P459	Allowing different Supplier Agents to be appointment to Import and Export MSIDs	Good Energy	03-Aug-23	The MHHS design already allows for different suppliers for Import and Export MPANs. Any alternative solution could have a large impact on the MHHS Design and the code changes that are being applied, likely delaying go live and benefit realisation. We will continue to monitor the change	Good Energy to raise a Programme CR.	Open

## Horizon Scanning Log Updates - Programme (2/2)

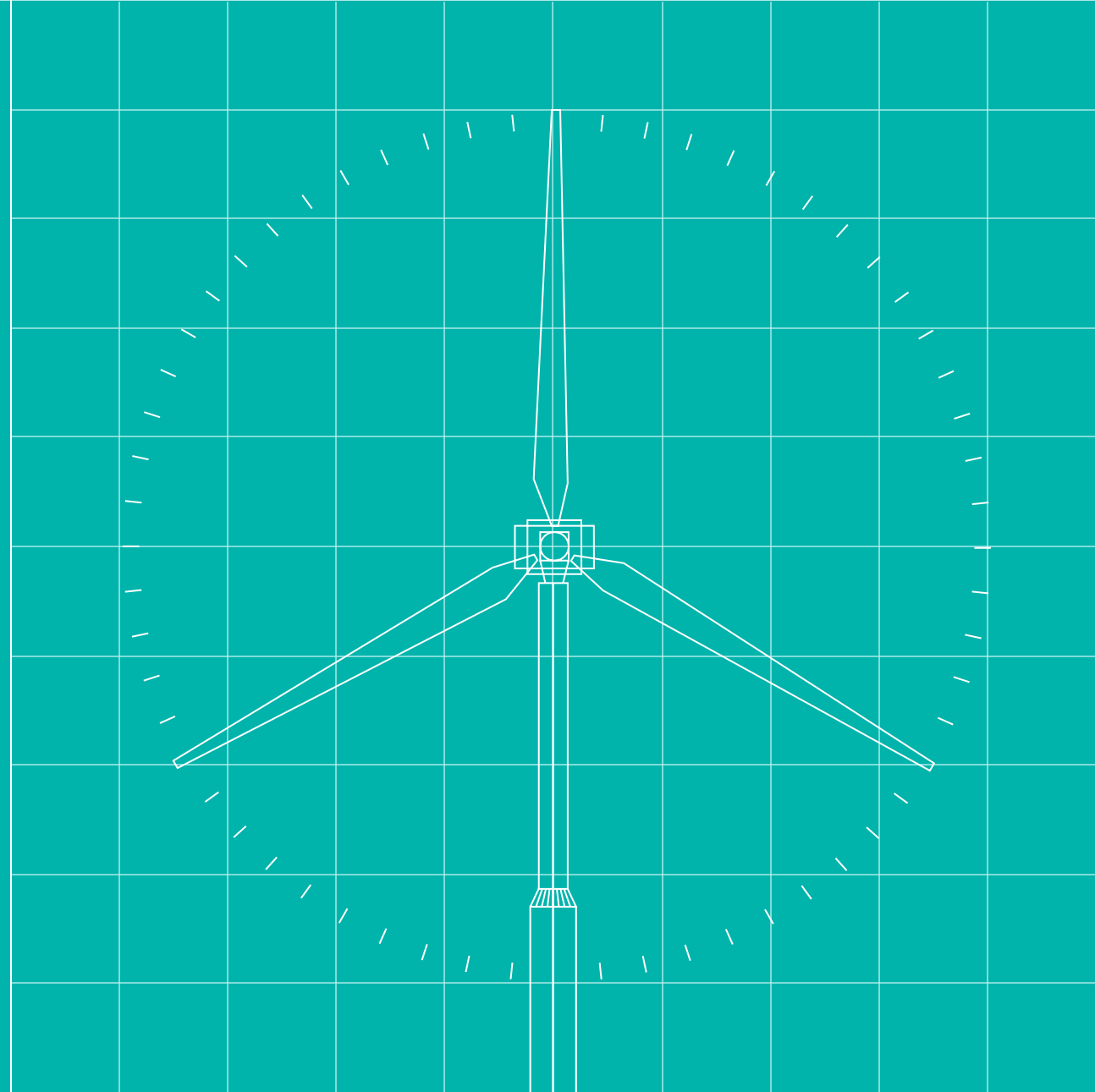
Item No.	Detail	Raised by	Date raised	Programme comments	Action required	Status
R0093	Uplift to CSS Maximum Demand Volumes during MHHS Migration Period	RECCo	15-Mar-23	Potential impact on MHHS if not implemented.	Monitor developments. Engage w ith RECCo w here required.	Open
R0097	Consequential changes for CSS smart meter data retriever appointments	RECCo	15-Mar-23	Potential impact on MHHS if not implemented.	Monitor developments. Engage w ith RECCo w here required.	Open
DCP424	Use of system charging for complex sites	DCUSA	18-May-23	No direct impact on design currently identified (TBC).	Design to confirm no Programme impact.	Open
P460	Amend the responsibility to propose and consult on an MHHS Migration Plan	BSC Panel	10-Aug-23	No impact to the Programme per se, as this change aligns the BSC C12 to what Migration activity the Programme will be performing and to ensure the budget is allocated appropriately.		Open
P455	One-site aggregation as a method to facilitate third party access	Emergent Energy	08-Jun-23	No direct impact on MHHS Programme expected (TBC).	Design to confirm no Programme impact.	Open
P458	Introducing Data Controller and Processor Obligations in the MSC for MHHS Testing	BSC Panel	13-Jul-23	N/a - w ith Ofgem.		Open
R0143	New value for Site Visit Check Code (J0024)	RECCo	22-Aug-23	Not believed to have a Programme impact as we do not restrict any check code values.		Open
R0144	Allow ing different MEMs to be appointed to Import and Export Metering Points	RECCo	22-Aug-23	Programme Impact as per P0459.		Open

# CDWG Escalations

**DECISION:** Decision on the BSC Central Services recommendation

*Programme (Andrew Margan & Chris Welby)*

*10 mins*



## BSC Code Artefacts – BSC Central Services

BSC Central Services drafting status:

- Ready for CCAG Approval

Topic Area	BSC Document/Section	Status	BRAG	Current issues
BSC Central Services	BSC Central Services – Service Descriptions	Approval		0 issues
	BSCP703 – BSC Central Services for Migrated Market-wide Metering Systems	Approval		0 issues
	Section S – Supplier Volume Allocation	Approval		0 issues
	Annex S-3 – Supplier Volume Allocation Rules for MHHS Metering Systems	Approval		0 issues





## CDWG Recommendation

Tranche 2 BSC Central Services Code Artefacts have been created, refined and the code activity is complete

The Code Artefacts have been translated from the current MHHS Design and reviewed by Programme Participants and are ready to be conditionally approved by CCAG. Artefacts may be subsequently updated during the Mop-up tranche

The MHHS Programme requests that CDWG recommends BSC Central Services Code Artefacts are sent to CCAG for their consideration

### **The recommendation is –**

*Based on the MHHS Design baseline, the BSC Central Services Code Artefacts have been translated accurately (subject to CRs and DINs) and are ready to be CCAG approved, published and where relevant updated during the later Mop-up tranche*

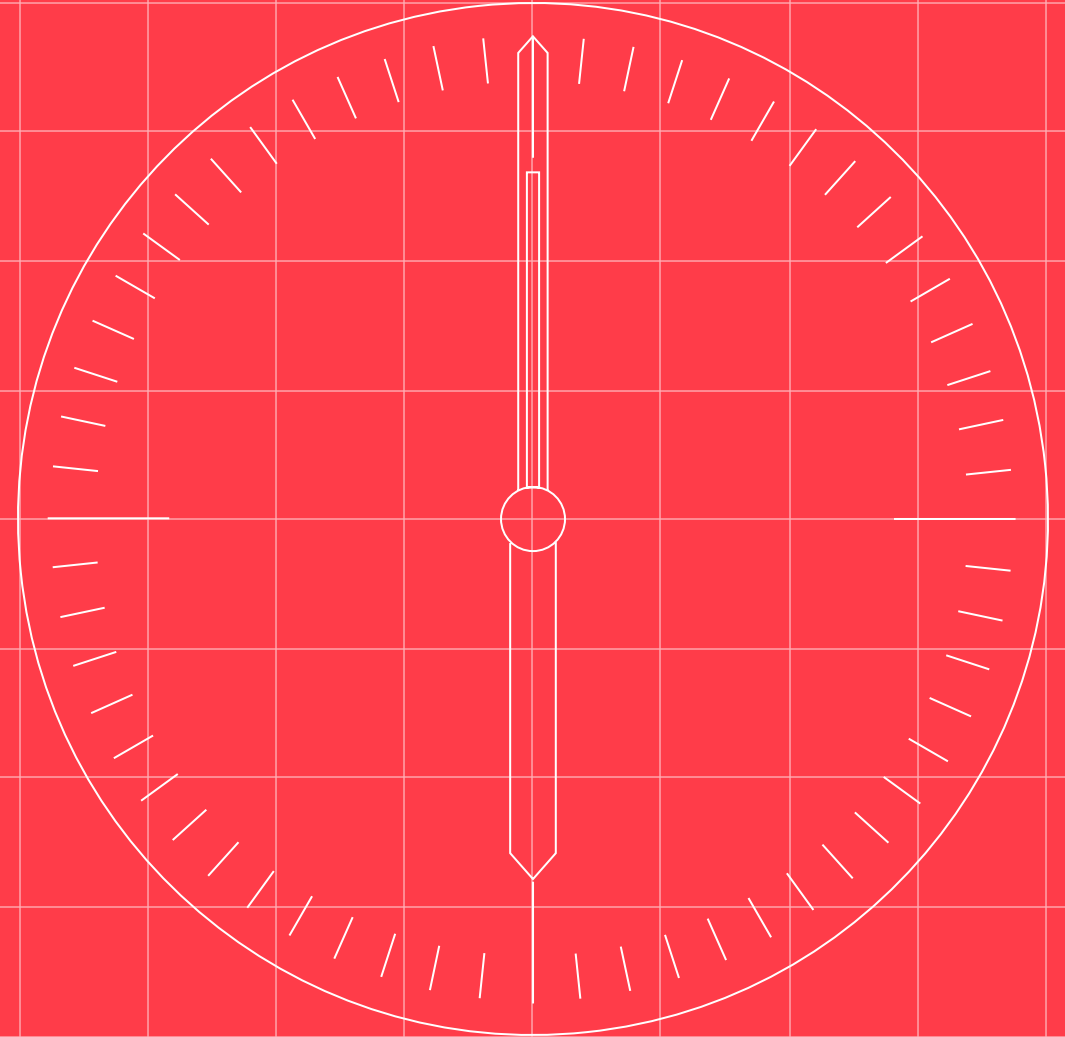
# CCAG Reporting, Risks and Milestones

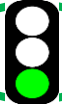
## INFORMATION / DECISION:

- Overall Programme status, risks and milestones updates
- Amending Code Milestones
- Mop-Up update

*Programme (Andrew Margan)*

*15 minutes*





## Overall Status

- The Code Drafting Workstream is on track for M6 delivery in August 2024 and lower-level tier 3 milestones are all on track



## September Summary

- Tranche 3, Migration, Governance/Qualification consultation comments have been triaged and the updated text and comments log will be published for the assurance stage refinement process
- Interface/Data Specification drafting activity and Transition text drafting continues and is on track to be delivered for the October consultation
- Consequential code change items for DCUSA are on track to be delivered in October and plans in place to deliver BSC and CUSC in February



## October Deliverables

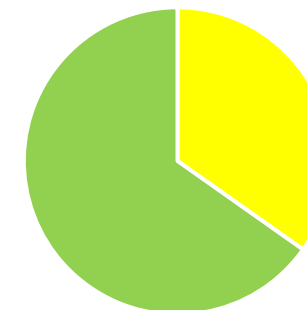
- Consult on Interface/Data Specification and Transition text
- Continue mop-up drafting to align Code to Design CRs and DIN changes (up to IR 6)

Drafting Milestones	Baseline date	Forecast date	Status
Data Services approved at CCAG	24/05/23	24/05/23	Complete
Metering Services approved at CCAG	24/05/23	24/05/23	Complete
Registration approved at CCAG	23/08/23	23/08/23	Complete
BSC Central Services approved at CCAG	27/09/23	27/09/23	Green
Governance and Qualification approved at CCAG	22/11/23	22/11/23	Green
Transition Text and Interfaces approved at CCAG	24/01/24	24/01/24	Green
Topic Area Mop Up approved at CCAG	13/05/24	13/05/24	Green
Consequential Change approved at CCAG	13/05/24	13/05/24	Green
Finalise and consistency check approved at CCAG	23/08/24	23/08/24	Green
Code changes baselined (M6)	23/08/24	23/08/24	Green
Smart Meters Act powers enabled (M7)	06/12/24	06/12/24	Green
Code changes delivered (M8)	07/03/25	07/03/25	Green

## Top Programme Risks related to CCAG

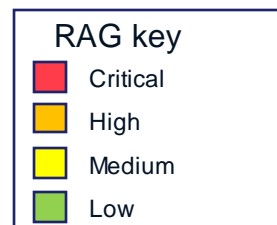
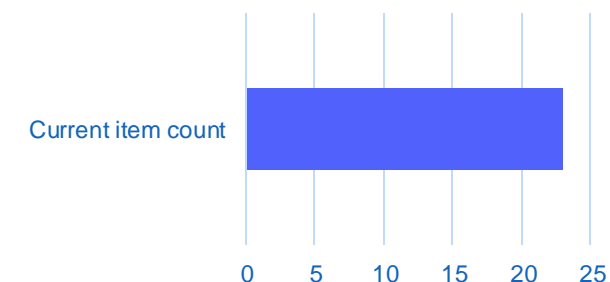
Risk/Issue ID	Risk description	Risk impact	RAG	Mitigation
R485	There is a risk that the Design or queries related to Design are not completed or provided in time and as a result do not provide the information required to enable Code drafting delivery	A delay to resolving Design queries will result in a delay to Code delivery	Medium	<ol style="list-style-type: none"> <li>1) Design process (DIN Process) set up to resolve Design queries</li> <li>2) Amend Code Drafting Plan to accommodate outstanding Design areas</li> <li>3) Monitor DIN Volumes</li> <li>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.</li> </ol>
R202	There is a risk that Programme testing may identify changes to baselined code and require code updates and further code releases after initial code changes have been approved	This may result in additional time being required to deliver code updates, delaying M6 and/or M8	Medium	<ol style="list-style-type: none"> <li>1) Monthly meeting in place between Test and Code to monitor likely volume of changes to Design and by association Code</li> <li>2) To ensure the change control process is followed correctly and test item volume known by Code team</li> </ol>
R355	There is a risk that Consequential Change solutions are not approved by responsible parties in advance of the associated Code Drafting topics	Delays to the Programme in drafting and subsequently approving consequential change, impacting M6	Medium	<ol style="list-style-type: none"> <li>1) Monthly meeting in place between Test and Code to monitor likely volume of changes to Design and by association Code</li> <li>2) To ensure the change control process is followed correctly and test item volume known by Code team</li> </ol>
R354	There is a risk that industry Code governance will agree implementation of Change/ Modifications that impact MHHS design/outcomes without MHHS Impact Assessment or governance decisions	Delays to the programme in accommodating industry change	Medium	<ol style="list-style-type: none"> <li>1) Monitor Horizon scanning in CCAG</li> <li>2) Programme has set an optimum process for progressing external change (that impacts MHHS to learn the lessons from DCUSA DCP415). This has been added to CR027 and is managed via horizon scanning and CC process</li> <li>3) External change is triaged and assessed so that the appropriate part of the business can manage or engage the external change process - PMO Change Control lead assessing with workstream leads via Horizon Scanning</li> </ol>
R402	There is a risk that Ofgem designate code changes using their SCR powers rather than Smart Meter act powers, adds risk and dependencies on external party delivery	Using SCR powers means that each code will have to raise a SCR mod and consult, whereas using SMA powers Ofgem would do one consultation.	Medium	<ol style="list-style-type: none"> <li>1) Monitor plan to ensure SCR powers don't delay M7/M8</li> <li>2) Monitor compressed SCR mod timescales to reduce timelines</li> <li>3) Code Bodies follow MHHS/Ofgem SCR plan</li> </ol>

### CCAG related-risks RAG



■ High risks ■ Medium risks ■ Low risks

### CCAG risk count



# Mop-Up Approach and Controls

## Approach

- The activity will be split into two areas; 1) BSC artefacts we have not currently amended and 2) artefacts we have previously created or amended
- Every approved DIN will be tracked to a Code change
- The December consultation should mean Code artefacts will reflect the Baselined Design up to IR6
- The February consultation will pick up any subsequent Design changes and any last remaining Code artefacts

## Controls

- The Code Change Control Log, will be populated with every approved DIN and other changes to ensure identified changes are tracked to a Code change
- Previously approved Code artefacts are version controlled and can only be formally updated through industry consultation followed by CCAG approval

## Amending Plan Milestones from Tier 2 to Tier 3 – CCAG Decision

### Complication Background

- Code milestones below the Tier 1 milestone (M6) are categorised as Tier 2 milestones
- Tier 2 milestones are defined as milestones, which impact multiple workstreams
- Tier 2 milestones, require a CR to amend them, and for the CR to be approved at the appropriate Level 2 or Level 3 decision group
- Tier 3 milestones are owned and managed by the appropriate Level 3 decision group eg CCAG
- To re-categorise the Code milestones from Tier 2 to Tier 3, CCAG and PSG recommendation/approval is required

### MHHS Code Workstream Position

- The Code workstream believes the lower-level Code milestones should be categorised as Tier 3 milestones
- This will mean that CCAG own the milestones and to change them a CR is not required

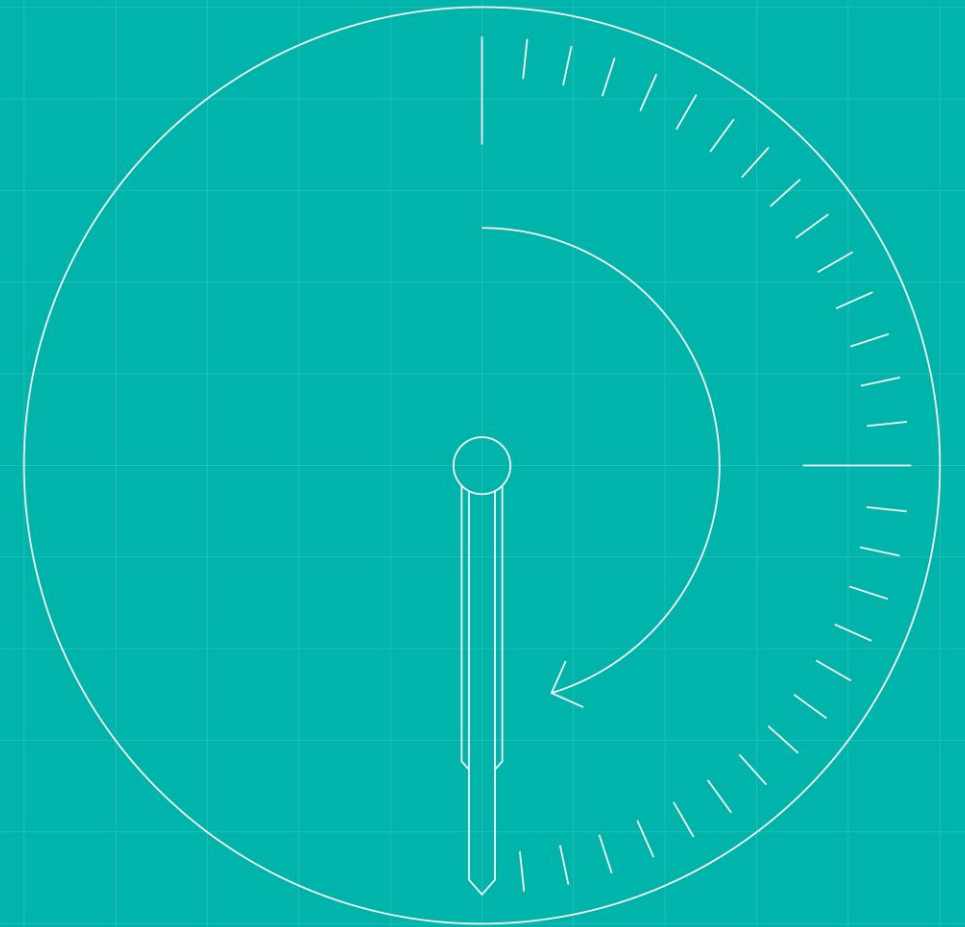
### Recommendation

- It is therefore requested that CCAG consider the above position and make a recommendation to the CCAG chair if the milestones should be updated from Tier 2, to Tier 3
- If recommended by CCAG, the request will need to be escalated by the Chair to PSG for their approval

# Consequential Code Change Delivery

**INFORMATION:** Updates from Code Bodies on Consequential Code Change delivery  
*Code Bodies (Elexon, DCUSA, CUSC)*

*15 mins*



## Consequential Change – Performance Assurance (1) on track

		Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	Jan-24
Supplier Charges, Trading Disputes, Qualification	Code Design & Industry Engagement	█						
	Code Drafting			█				
	Define System Requirements			█				
	Review of Code Drafting				█			
	Updates following reviews (inc consolidation)					█		
	PAB Endorsement						●	
	Deliver to MHHSP							●






		Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	Jan-24
Performance Standards, Performance Monitoring (inc. Peer Comparison, Material Error Monitoring, PARMS)	Code Design & Industry Engagement	█						
	Code Drafting			█				
	Define System Requirements			█				
	Review of Code Drafting				█			
	Updates following reviews (inc consolidation)					█		
	PAB Endorsement						●	
	Deliver to MHHSP							●

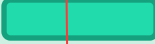
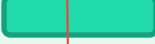




● PAB Meeting: 14 December 2023

● Delivery date: 26 January 2024




## Consequential Change – Performance Assurance (2) on track

		Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	Jan-24
Section Z Changes	Code Drafting							
	Review of Code Drafting							
	Updates following reviews (inc consolidation)							
	PAB Endorsement							
	Deliver to MHHSP							

		Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	Jan-24
BSC Audit, TAM, Breach & Default, Bulk Change of Agent	Review of any changes needed							
	Determine scope							
	Code Drafting							
	Review of Code Drafting							
	Updates following reviews (inc consolidation)							
	Deliver to MHHSP							

 PAB Meeting: 14 December 2023

 Delivery date: 26 January 2024

## DCUSA Consequential Change

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The DCUSA changes are categorised into two parts:

- Housekeeping changes – to align with the new terminology introduced by the MHHS Programme; and
- Consequential changes – the removal or addition of obligations to cater for the Programme changes but has a material impact on the current DCUSA legal text

The DCUSA transitional text caters for the existing and new MHHS arrangements (and not the end state) for both housekeeping and consequential changes within one document

A housekeeping change will be required at the end of the Programme to remove terminology no longer required

Feedback provided to the MHHS Design following CR19 and CR27 submissions. Risk data flow items will not be known for consultation.

The changes are on track to be consulted on in October. If there are any outstanding drafting, these can be picked up via a later consultation (December)

## NGESO Consequential Change

### Timeline (Indicative) - Verbal Update

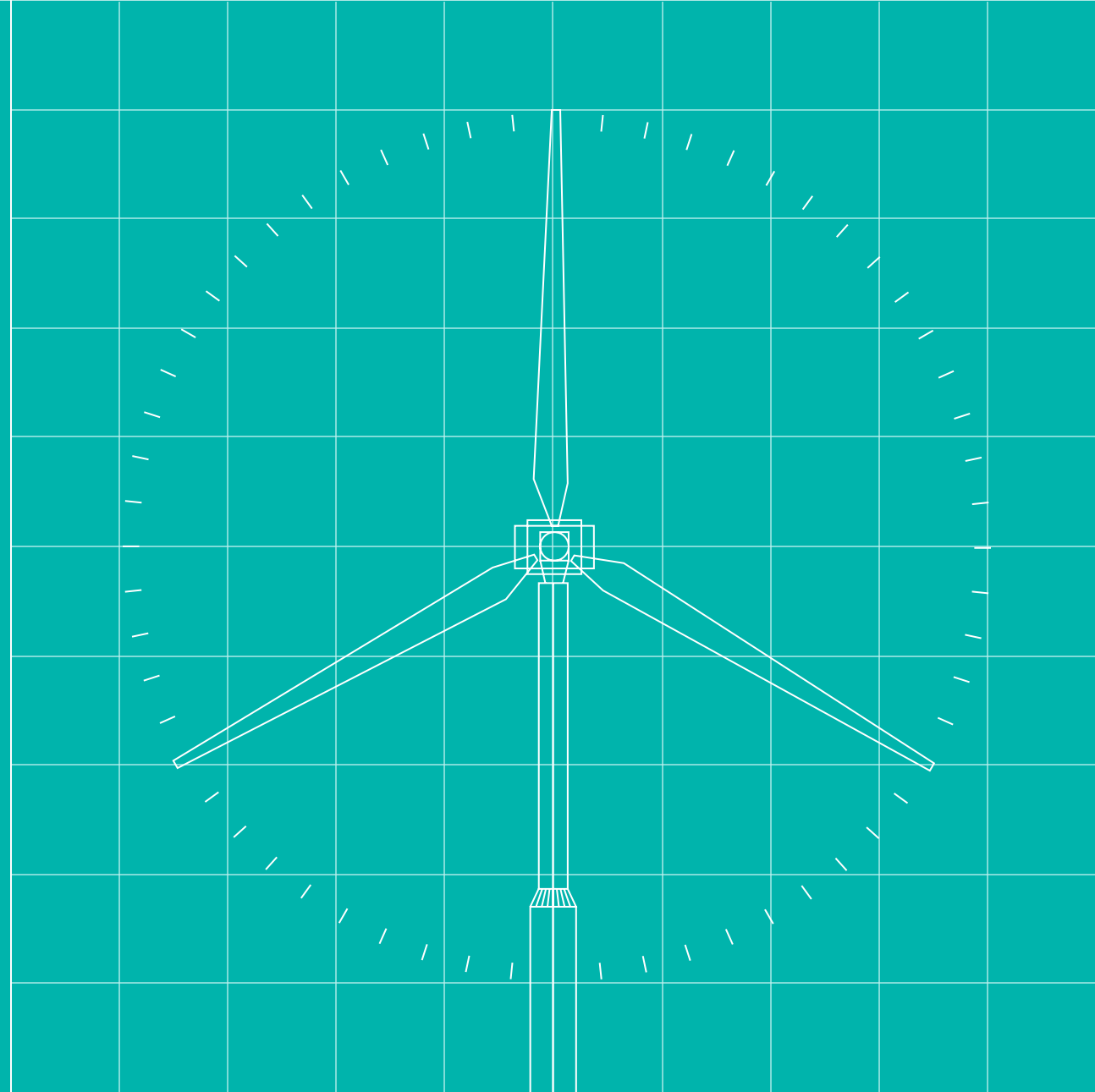
Solution	Action	Delivery Timeline
TNUoS Task Force	<ul style="list-style-type: none"><li>Phase 1 -Develop methodology to come up with a demand number</li><li>Phase 2 – Develop approach on how should it be charged</li></ul>	<ul style="list-style-type: none"><li>Earliest implementation date - April 2025</li><li>Requested at industry forum to mimic MHHS timelines</li></ul>
CUSC	<ul style="list-style-type: none"><li>Amend CUSC to remove NHH references</li><li>Ensure Legal have reviewed before submission.</li></ul>	<ul style="list-style-type: none"><li>February 2024 for consultation and to meet M6</li><li>To be implemented in April 2025 for M11</li></ul>

# CDWG Update

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

*Programme (Andrew Margan)*

*5 mins*

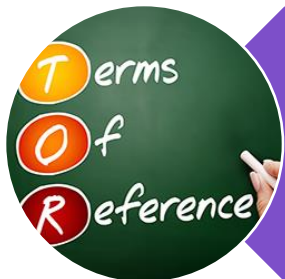




## September CDWG update



## October CDWG tasks



## Upcoming agenda items

### CDWG Discussion Topics September

- Provided Tranche 3 Migration Governance and Qualification consultation update
- Provided Tranche 4 Interface, Transition text and Mop up approach update
- Provided consequential code change update

### CDWG Key October tasks

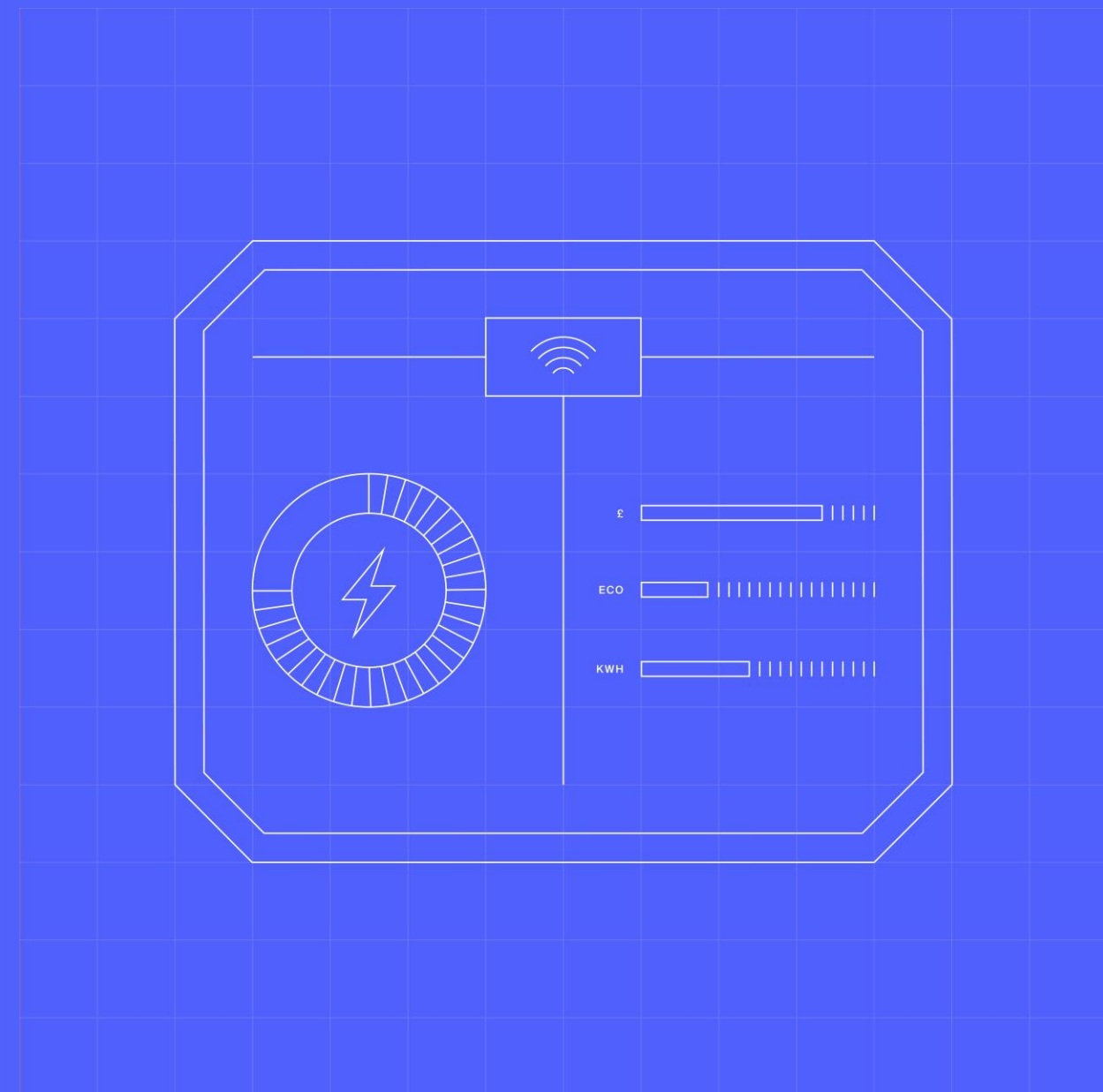
- Provide Interface/Data Spec and Transition text consultation update
- Provide updates Mop up drafting

# Summary and Next Steps

**INFORMATION:** Summarise meeting actions and next steps

*Chair & Secretariat*

*5 mins*



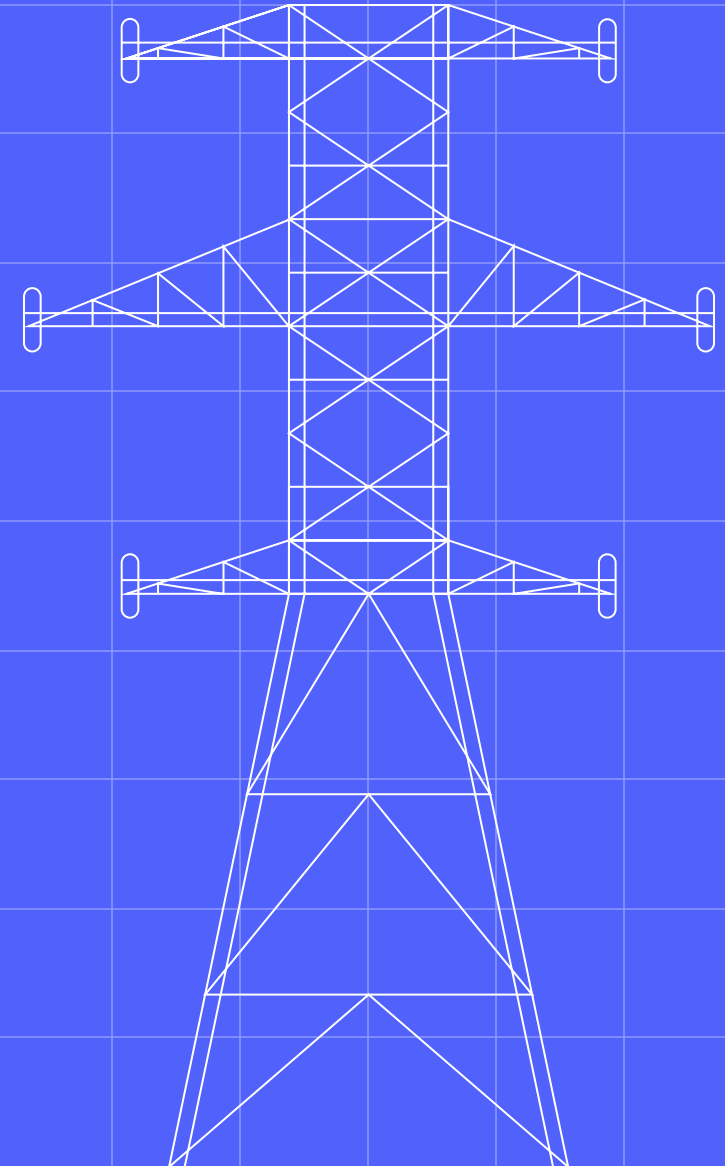
## Next steps

- Secretariat to confirm actions and decisions from meeting
- Next CCAG meeting **25 October 2023 at 10:00am**
- Next CDWG1 meeting **10 October 2023 at 10:00am**
- Next CDWG2 meeting **17 October 2023 at 10:00am**

Meeting dates	25 October	22 November	20 December
<b>Relevant milestones or activities</b>	<ul style="list-style-type: none"> <li>• Interface/Data Specification and Transition Text consultation</li> </ul>	<ul style="list-style-type: none"> <li>• Migration, Governance code to be approved via CCAG</li> </ul>	<ul style="list-style-type: none"> <li>• Mop-up consultation 1</li> </ul>
<b>Agenda items</b>	<ul style="list-style-type: none"> <li>• Interface and Transition consultation</li> <li>• Mop up update</li> </ul>	<ul style="list-style-type: none"> <li>• Migration, Governance code to be approved</li> <li>• Interface and Transition update</li> <li>• Mop-up update</li> </ul>	<ul style="list-style-type: none"> <li>• Mop-up consultation 1 update</li> </ul>
<b>Standing items</b>	<ul style="list-style-type: none"> <li>• Headline report and actions</li> <li>• Programme updates</li> <li>• Horizon Scanning Log</li> <li>• CCAG Reporting</li> <li>• CDWG Updates</li> <li>• Next steps</li> </ul>	<ul style="list-style-type: none"> <li>• Headline report and actions</li> <li>• Programme updates</li> <li>• Horizon Scanning Log</li> <li>• CCAG Reporting</li> <li>• CDWG Updates</li> <li>• Next steps</li> </ul>	<ul style="list-style-type: none"> <li>• Headline report and actions</li> <li>• Programme updates</li> <li>• Horizon Scanning Log</li> <li>• CCAG Reporting</li> <li>• CDWG Updates</li> <li>• Next steps</li> </ul>

# Appendices

- *Appendix 1 – Code Drafting POAP*
- *Appendix 2 – Programme Governance*
- *Appendix 3 - Mop-up Illustrations*

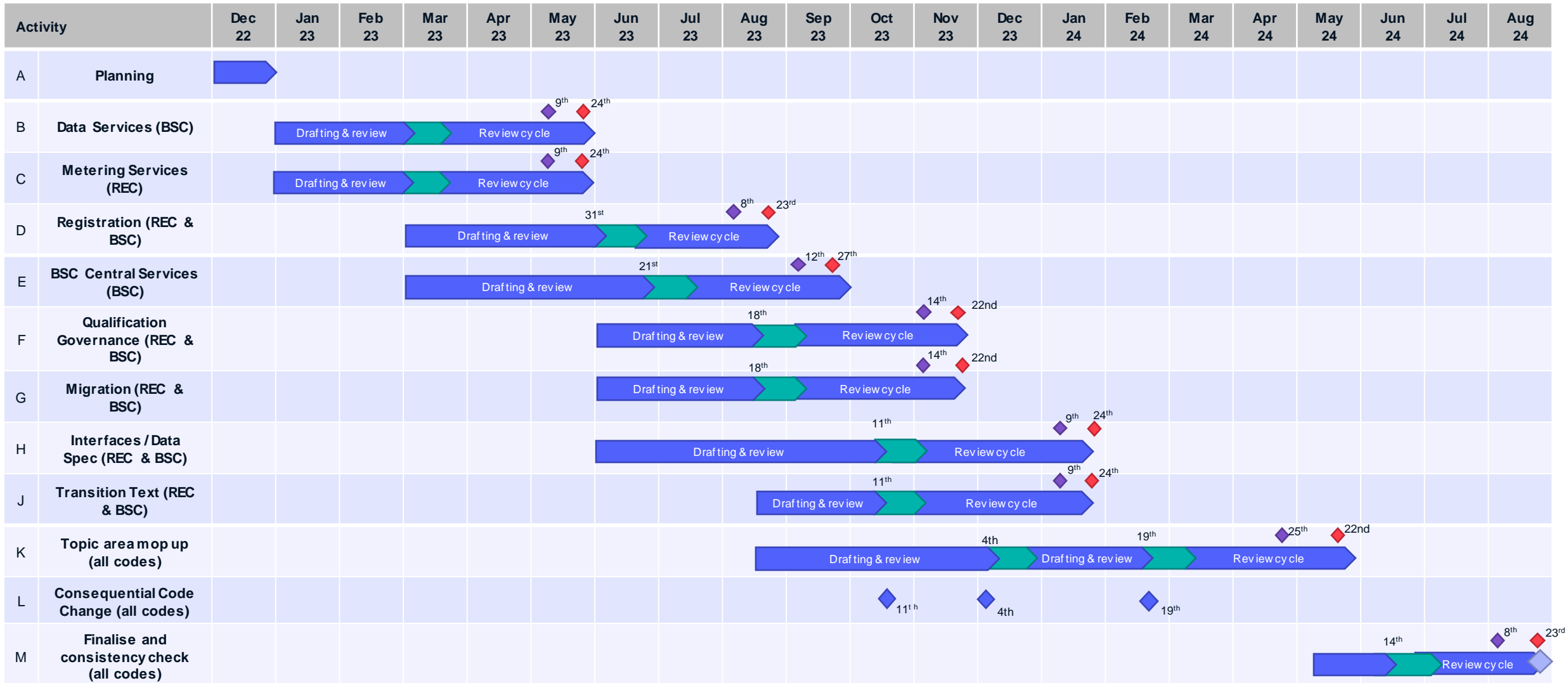




# Appendix 1 - Code Drafting POAP

Key:

	Industry Consultation		CCAG
	CDWG		Consequential code change consultation



M6 - 23rd Aug

## Code Level 3 – CCAG

CCAG Role - is to oversee the development, management and implementation of MHHS Programme related Code changes to all MHHS impacted Codes to ensure Code reflects how the new MHHS TOM process and systems operate (Design)

CCAG purpose is to oversee the central coordination, monitoring and management of MHHS-related Code changes and approval of baselined MHHS code drafting to be designated by Ofgem.

CCAG duty is to ensure MHHS impacted Codes are updated and comply with the new MHHS arrangements.

The CCAG will make Level 3 decisions. The CCAG will ensure that any decisions are based on full transparency with programme participants and appropriate consultation. CCAG decisions will be by consensus and if consensus cannot be reached the Chair will make an informed decision.

Where the CCAG is presented with recommendations from lower level Cross Code Working Group(s) they will have the ability to:

- i) Accept the recommendation – the proposal/recommendations are aligned to the TOM and overall objectives.
- ii) Reject the recommendation – the proposal/recommendations does not align to the TOM, programme principles or requires further work/clarity.
- iii) Refer the recommendation for additional work or analysis.
- iv) Accept the recommendation, subject to additional work being completed.
- v) Refer to the PSG when the recommendation meets the threshold for Ofgem intervention or CCAG cannot reach consensus.

## Code Approval Process and Status

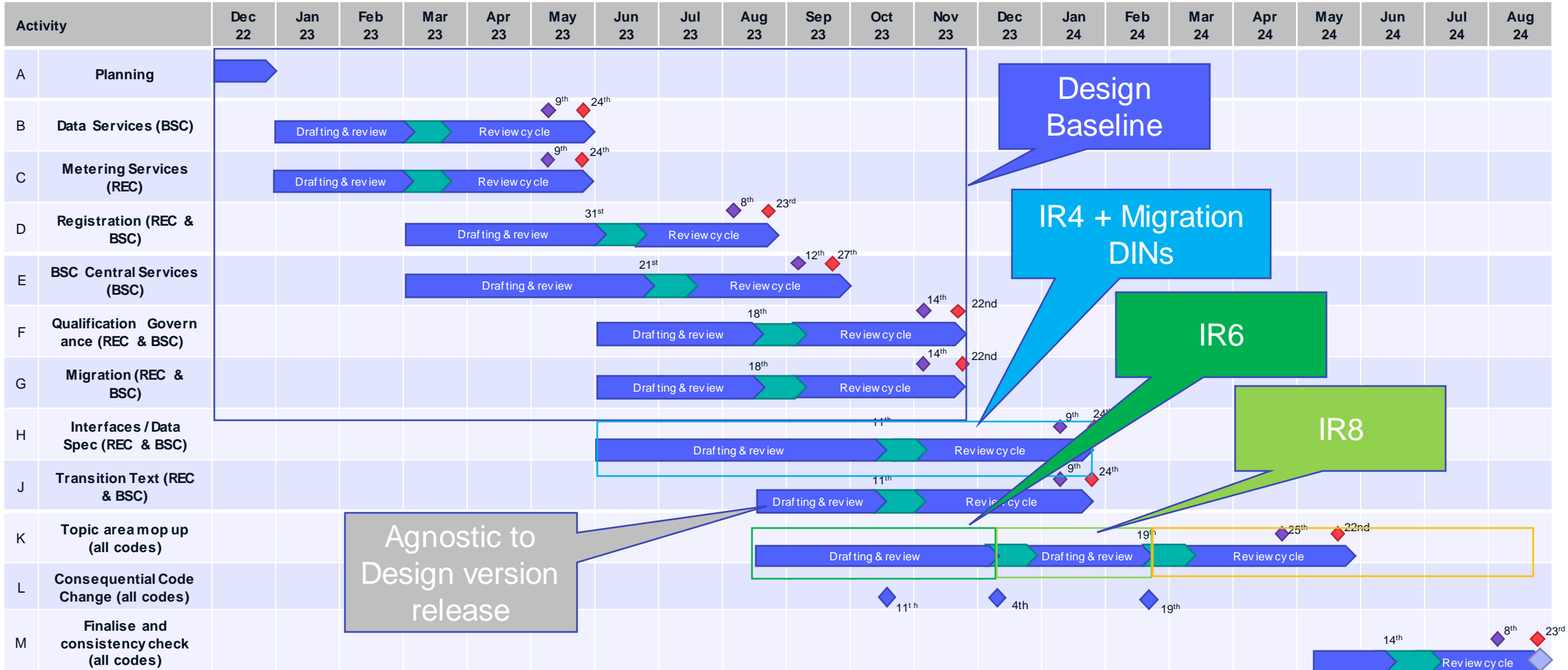
**CCAG recommended Code Artefacts will remain 'live documents'** which means they are not baselined until M6 final approval

1. The Code Artefacts remain in the public domain at all times for transparency and customer reference
2. Any contentious areas can be ring fenced, tracked and picked up through the mop-up process (to avoid delaying a whole tranche)
3. There are no plans for 'repeat' consultations, although the mop-up and finalisation/consistency tranches provide for consultations
4. Before M6 any changes to Design (through a CR) will need to be reflected in the Code Artefacts
5. Changes to approved artefacts **MUST** be change controlled and approved by CCAG

# Appendix 3 - BSC Mop- up and Version Status Update

Key:

- ▶ Industry Consultation
- ◆ CCAG
- ◆ CDWG
- ◆ Consequential code change consultation



Agnostic to Design version release

Design Baseline

IR4 + Migration DINs

IR6

IR8

# Mop-Up Timelines

## Timelines

The Mop-up December consultation will update Code Artefacts to align with updated Design Artefacts (IR1-IR6)

## Illustration

