MHHS PROGRAMME

Industry-led, Elexon facilitated

Cross Code Advisory Group #13
21 December 2022

Version 1.0

MHHS DEL800

Agenda

| #	Item	Objective	Type	Lead	Time	Page
1	**Welcome**			Chair	10:00-10:05 *5 mins*	1
2	**Minutes and Actions**	Approve minutes of previous meeting and review outstanding actions	Decision	Chair & Secretariat	10:05-10:20 *15 mins*	3
3	**Programme Updates**	Updates from MHHS Programme governance groups and the wider Programme	Information	Programme (PMO)	10:20-10:25 *5 mins*	5
4	**Horizon Scanning Log**	Updates from all Code Bodies on changes which may impact MHHS Programme	Information	Code Bodies, Programme (PMO & Design Team)	*10:25-10:45 20 mins*	7
5	**CR12 Outcome**	Provide update on outcome of CR12 decision at Programme Steering Group (PSG) and consequential updates to the CCAG Terms of Reference	Information	Programme (Jason Brogden)	*10:45-10:55 10 mins*	20
6	**Round 3 Replan Consultation**	Updates on the Round 3 Replan consultation following approval of CR12	Information	Programme (Becca Fox)	*10:55-11:05 10 mins*	22
7	**Prototyping Update**	Overview of outcomes of Sprint 2 Prototyping exercise	Information	RECCo (Sarah Jones) & Programme (Matt McKeon)	*11:05 -11:15 10 mins*	25
8	**CCAG Reporting**	Updates on code drafting activities against approved code drafting plan	Information	Programme (Becca Fox)	*11:15-11:25 10 mins*	30
9	**CDWG Update**	Updates from the Code Drafting Working Group (CDWG)	Information	Programme (Andrew Margan)	*11:25-11:35 10 mins*	32
10	**Summary and Next Steps**	Summarise meeting actions and next steps	Information	Chair & Secretariat	*11:35-11:40 5 mins*	34

Attachments / Appendices
Attachment 1 - CCAG 23 November 2022 Headline Report v1.1 (change marked)

MHHS PROGRAMME
Industry-led, Elexon facilitated

Minutes and Actions

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

Chair & Secretariat

15 mins

MHHS PROGRAMME

Industry-led, Elexon facilitated
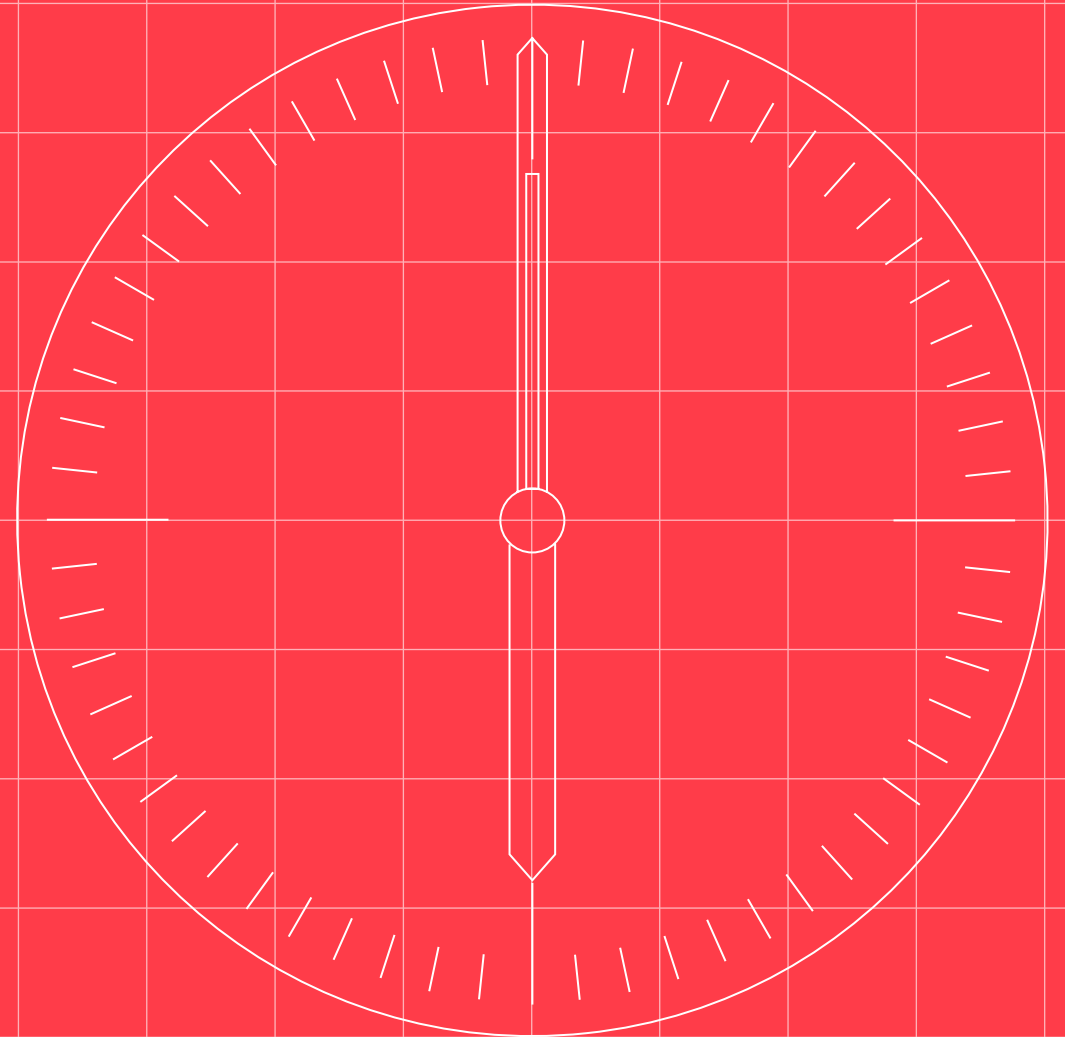
Minutes and Actions

- Approval of Minutes from CCAG meeting held 23 November 2022 and review/approval of amended Headline Report (see Attachment 1)

- Review of outstanding actions:

Ref	Date Raised	Action	Owner	Due Date	Update
CCAG11-01	26/10/2022	Share the mapping of design artefacts to code drafting and the process for tracking which artefacts have been translated into code. Share the level of detail artefacts will be tracked at (e.g. document, paragraph etc). Consider how consequential change design artefacts will be included in this (subject to RECCo Change Request)	Programme (Becca Fox)	23/11/2022	RECOMMEND CLOSED: Traceability matrices developed as part of Sprint 2 Prototyping exercise available here. General updates to be provided under agenda item 7.
CCAG12-01	23/11/2022	DCUSA Representative to forward invites and details of DCP415 & DCP416 working groups to Programme	DCUSA Representative (John Lawton)	ASAP	RECOMMEND CLOSED: Programme invited to working groups.
CCAG12-02	23/11/2022	CUSC Representative to add CMP401 to Horizon Scanning Log	CUSC Representative (Neil Dewar)	ASAP	RECOMMEND CLOSED: Update added to CCAG Horizon Scanning Log.
CCAG12-03	23/11/2022	Programme to ensure consequential change code drafting topics are built into the Programme plan and updated into the Round 3 Programme Replan consultation	Programme (Jason Brogden)	06/12/2022	RECOMMEND CLOSED: Agenda item 6. Consequential change code drafting added to Programme plan and will be part of the information issued as part of the Round 3 Replan consultation.
CCAG12-04	23/11/2022	Programme to update code drafting plan following decision on Programme Change Request 12, and bring to the next CCAG meeting	Programme (Becca Fox)	06/12/2022	RECOMMEND CLOSED: Agenda item 5. Code drafting Plan on a Page provided and updated timeframes added to plan to be issued as part of Round 3 Replan consultation.
CCAG12-05	23/11/2022	Programme to review CCIAG ToR published on Programme Collaboration Base and ensure the final version one is displayed	Programme (PMO)	ASAP	RECOMMEND CLOSED: CCIAG ToR v1.0 present on Programme Collaboration Base. Updated version presented to DAG for approval on 14 December 2022, with clarification on definition of 'consequential change'.
CCAG12-06	23/11/2022	Programme to review how potential extension to code drafting timelines to accommodate Programme Change Request 12 may affect the commencement of qualification (including reviewing dependencies between potential M6 extension and the SAD process for qualification)	Programme (Jason Brogden)	06/12/2022	RECOMMEND CLOSED: A dependency has been introduced from M6 to the start of the SAD qualification process in the Round 3 Replan. This provides time to complete the SAD process in the programme plan in advance of final qualification approval and migration start.

Programme Updates

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

Programme – PMO

5 mins

MHHS PROGRAMME

Industry led, Elexon facilitated
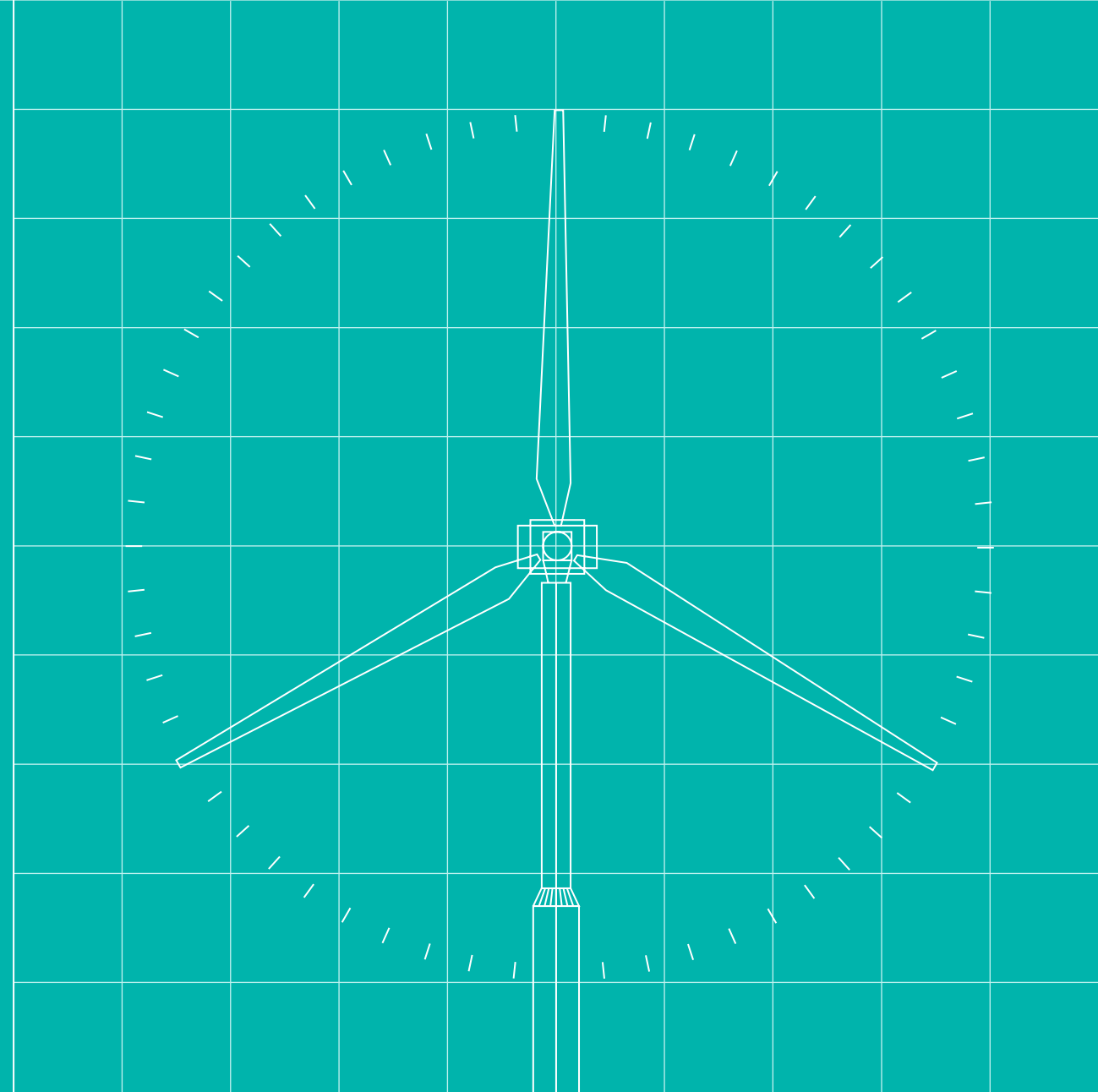
Governance group updates

Programme Steering Group (PSG)

Update from PSG 07 December 2022

1. **Migration Options Decision –** The PSG decided to progress with Migration Option 3

2. **M3 Next Steps –** The PSG agreed updated M3 acceptance criteria and reviewed the engagement plan for parties who did not submit evidence in Readiness Assessment 2.

3. **M9 Update** – The Programme presented an update on the status and timelines for M9 (SIT start).

4. **Programme Replan –** The PSG approved an updated version of the Interim Plan to take the programme to the end of ongoing replanning activity. The PSG agreed to begin Round 3 of consultation on the programme plan on 14 December 2022.

5. **Change Control –** The PSG approved CR012 (increase in programme code draft scope) and agreed to raise CR013 (commercial impacts) to Impact Assessment.

6. **Control Point 1 –** The Programme updated on the outputs of Control Point 1

7. **DIP Enduring Modification –** Elexon provided an overview of the modification delivery plan

8. **Design Progress –** The Programme provided an update on progress of the M5 Work-Off Plan and the migration design

PSG Headline Report available here.

Testing and Migration Advisory Group (TMAG)

Agenda items for TMAG 21 December 2022

1. **Migration Option –** The Programme will update on the decision from the Programme Steering Group and next steps

2. **Programme Replan –** The TMAG will review testing and migration elements of Round 3 of consultation on the Programme plan

3. **Qualification/pre-qualification –** The programme will update on activity via the Qualification and E2E Sandbox Working Group (QWG)

4. **Test Data Approach and Plan –** The Programme will update on progress of the Plan

5. **SITWG Update –** The Programme will update on discussion at the first SITWG. The TMAG will decide whether to approve the group's terms of reference

TMAG Headline Reports are available here.

Design Advisory Group (DAG)

Agenda items for DAG 14 December 2022

1. **CCIAG Updates** – The DAG will be asked to approve an amended version of the Consequential Change Impact Assessment Group (CCIAG) Terms of Reference (ToR) which contains an updated definition of consequential change. 24 discussion items have been tabled at CCIAG thus far, with nine now progressing externally (e.g. via REC or BSC) and 7 incorporated into the MHHS core design.

2. **Work-Off Plan Updates** – Updates will be provided on the status of the M5 Work-Off Plan, currently under discussion at the BPRWG & TDWG Subgroup. The latest progress report can be found here.

3. **Post-M5 Design Change Management** – The DAG will be asked to approve the new design change process, intended to support the management of the Design Baseline. This will include a request for approval of a 'Design Authority' ToR; a group with delegated authority to review and approve minor changes to the Design Baseline, in accordance with strict controls within the ToR.

4. **Upcoming Meetings** – The next DAG will be held 11 January 2023 at 2pm. The next CCIAG will be 22 December 2022 at 10am.

DAG Headline Report available here.

Wider Programme updates

MHHS Programme Personnel Update:
From **1 December 2022**, **Chris Welby** will step back from the SRO role but will continue to work closely with the Programme, lending his considerable knowledge and expertise. He will also work on other strategic programmes such as Future System Operation (FSO) and Code Reform.

Helen Tipton, Elexon's newly appointed Director of Strategic Programmes, will take on the SRO responsibilities. Helen has extensive experience in the energy sector and on major programmes extending across a broad range of subjects including regulatory, merger and acquisitions, systems implementation and organisational redesign.

MHHS Testing:
The MHHS Testing workstream sets the scope and oversees the preparation and execution of testing for all parties involved in the Programme. Testing is split into three parts:

1. Pre-Integration Testing (PIT): PIT must be performed by all users of the new settlement arrangements, to validate every system or service that is included in the end-to-end MHHS Design.
2. Systems Integration Testing (SIT): SIT will be performed by the service providers of the central systems and other voluntary participants, to test the end-to-end operation of the systems.
3. User Integration Testing (UIT): UIT is broken down into two subparts:
   I. Qualification: All participants not undertaking SIT must perform Qualification Testing, as part of the overall Qualification process.
   II. End-to-end Sandbox: Where a participant can optionally use this testing service to test their systems and processes.

MHHS Webinars:
- **Readiness Assessment Two (RA2) Overall Report Webinar**: A webinar was held 29 November 2022 to walkthrough the key themes and statistics of the RA2 Overall Report. The recording and slides are available on the Events page of the MHHS website.
- **Data Integration Platform (DIP) Simulator Demo Webinar**: On 01 December 2022, a walkthrough was provided of MHHS testing simulators, data generators, and emulators followed by questions and answers. The recording and slides are available here.
- **Design Change Control and Engagement**: Following the approval of the Design Baseline, a new design change control procedure will be implemented. A webinar will be held 16 January 2023 to provide an overview. To sign up, please contact PPC@mhhsprogramme.co.uk.

Other updates:
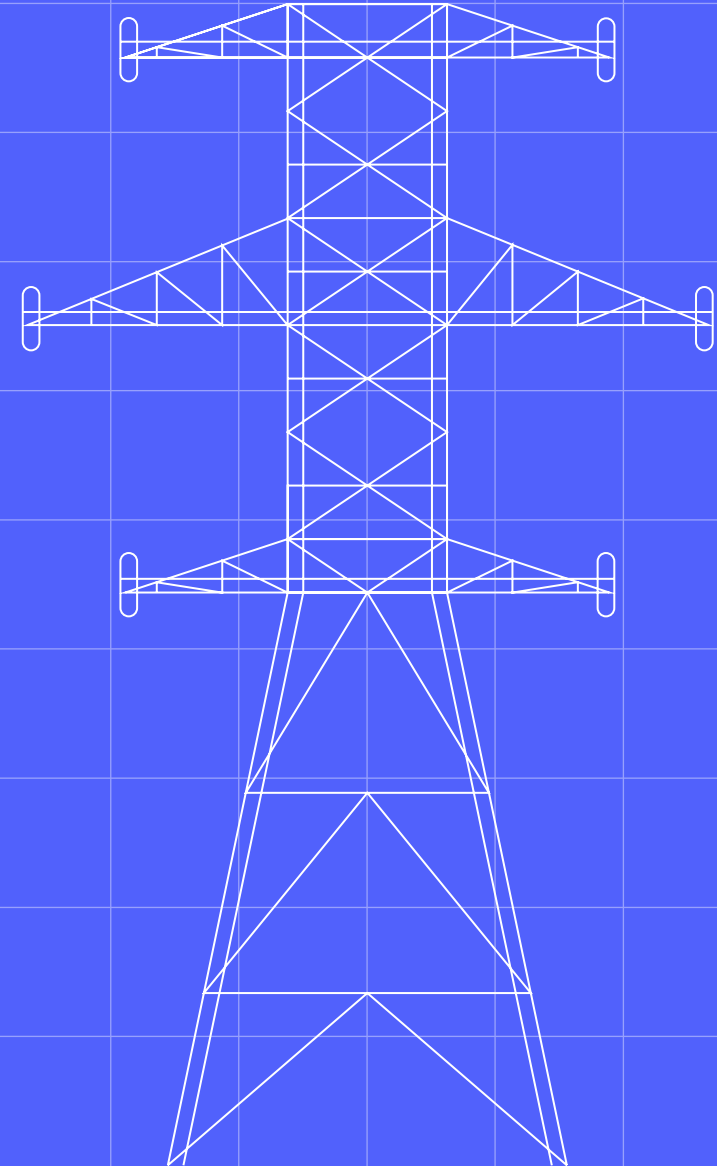- **Migration Design Subgroup (MDSG)**
- **Systems Integration Testing Working Group (SITWG)**
- **2023 governance meeting schedule**

MHHS PROGRAMME
Industry-led, Elexon facilitated

Horizon Scanning Log

INFORMATION: Updates from all Code Bodies on changes which may impact MHHS Programme

Code Bodies & Programme (PMO & Matt McKeon)

20 mins

MHHS PROGRAMME
Industry-led, Elexon facilitated

Horizon Scanning Log

CCAG Horizon Scanning Log 26 October 2022

- Code Body updates
- Programme updates
- Forward actions and improvement options
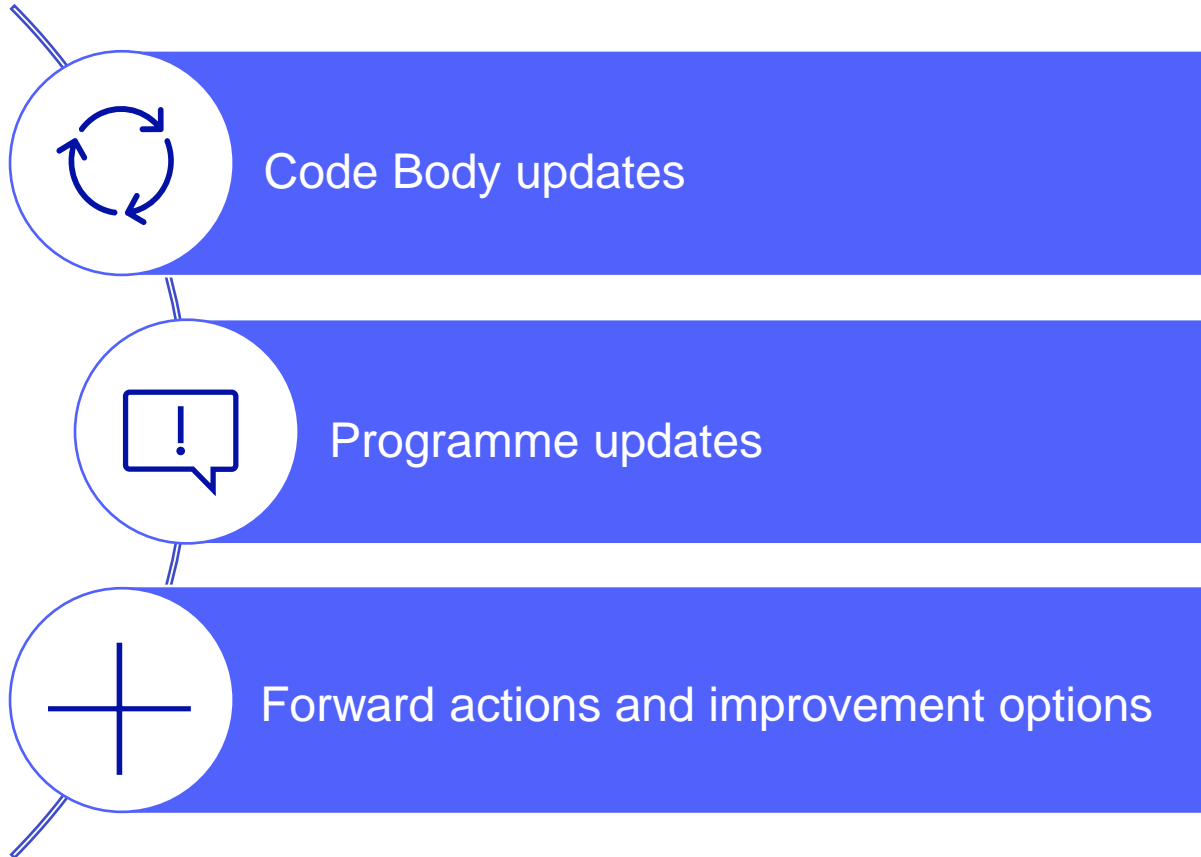
Reminder: Horizon Scanning Log Process

- Code Bodies review log
- Code Bodies add/update relevant changes
- MHHS Design Team review entries
- MHHS determine impacts and identifies actions
- CCAG review impacts and actions
- Updates made throughout month via live online log
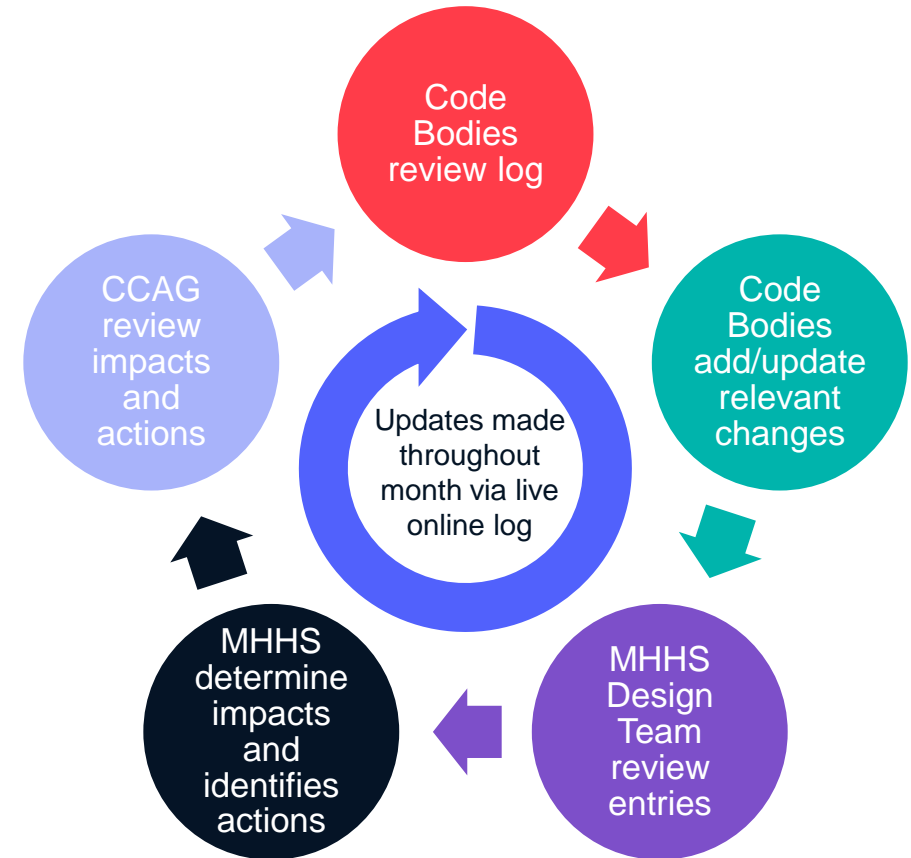
Live log available on the Programme Collaboration Base – please contact **PPC@mhhsprogramme.co.uk** if you require access

Direct link: MHHS-DEL387 CCAG Code Change Horizon Scanning Log v1.0

MHHS PROGRAMME
Industry-led, Elexon facilitated

8

Change Title **DCP415**		**Replacement of D0242/D0315 for MHHS**					
Change Summary:		To create a new DCUSA owned DIP data message for supercustomer billing statements using MHHS data					
Stakeholder positions:		First meeting to be held 13th December 2022					
Date raised:	10/11/2022	Status:	Definition	Decision date:	TBC	MHHS Impact:	

Change Title **DCP416**		Electronic invoicing post MHHS					
Change Summary:		To create a new DCUSA owned DIP data message for electronic Distributor billing post MHHS					
Stakeholder positions:		First meeting to be held 13th December 2022					
Date raised:	14/11/2022	Status:	Definition	Decision date:	TBC	MHHS Impact:	

MHHS PROGRAMME
Industry-led, Elexon facilitated

Change Title		R0015 Remote communication obligations for electricity Advanced Meters					
Change Summary:		This CP seeks to introduce an explicit obligation under the REC to require all CT Metering Systems to have remote communications fitted and working by March 2023 and for all Advanced Meters to have them by October 2024.					
Stakeholder positions:		MEMs – obligations to be placed on MEMs Change was rejected by the REC Metering Expert Panel.					
Date raised:	17/11/21	Status:	Sent back Ofgem for further analysis	Decision date:	Change Panel 21/02/2023	MHHS Impact	Supporting an effective transition
Change Title		R0032 New Registration data items and processes to support the transition to Market-wide Half-Hourly Settlement					
Change Summary:		To facilitate MHHS Programme data cleanse activity, prior to the transition, MEM mastered Registration Service Data Items need to be introduced into the existing SMRS system and also displayed in EES. The solution to R0032 includes the addition of new Data Items, amendment to Data Items and a restructuring of Market Message D0312 "Notification of Meter Information to MPAS".					
Stakeholder positions:		DNOs, MEMs and Suppliers – this is being challenged by Parties and Change Panel.					
Date raised:	03/02/22	Status:	Approved for implementation on 30/06/2023	Decision date:	15/11/22	MHHS Impact	Supporting data population ahead of transition completion

Horizon Scanning Code Body Change Update REC

Change Title		R0017 - Invalid Requests for Site Technical Details				
Change Summary:		This Change Proposal seeks to provide clarity to DNOs and MEMs on the process for requesting and sending Site Technical Details as part of Meter Asset Installation, Switch or Change of Agent processes (D0215) Of interest to MHHS as there is dual governance currently across BSC and REC. Will need to determine whether this governance element is addressed as part of the CP or via the programme				
Stakeholder positions:		MEMs and DNOs - supported				
Date raised:	22/11/22	Status:	On Hold awaiting recommendation from Issue 99	Decision date:	TBC	MHHS Impact	TBC

Change Title		R0044 - MHHS Programme Changes required to Central Switching Service				
Change Summary:		The MHHS Target Operating Model requires that the registration data of the Meter Data Retrieval (MDR) parties is available to the SMDP, so that the SMDP can provide MDR parties with access to the Smart Meters at Metering Points they are registered to. Currently the new MDR role and Registration Data does not exist in, nor can it be made available from, CSS as this is a new industry operating model. This CP will progress the CSS requirements, enabling internal testing of these ahead of programme testing of the E2E MDR process (as part of the programme testing). The ERDS and EES changes will be implemented and tested as part of their overall MHHS delivery. Targeting M8 'Code changes delivered' for implementation. SEC teams require the design documents in January, activity will progress to enable this. Delays to the Ofgem decision will not affect the design document production as funding for this will be covered under the SEC budget.				
Stakeholder positions:		DCC as CSS Provider - supported				
Date raised:	29/4/22	Status:	Change Panel vote to recommend approval – to be sent for Ofgem determination	Decision date:	Ofgem – TBC (expected by 18 January)	MHHS Impact	Direct impact

Change Title	R0026 Whole Current (WC/ Current Transformer (CT) Certificates					
Change Summary:	MEMs can currently work on WC or CT meters without having been previously assessed on that metering category. This Change Proposal seeks to develop and implement a solution to address this area of risk – changes to MEM qualification may be seen.					
Stakeholder positions:	TBC					
Date raised:	22/11/22	Status:	On Hold	Decision date:	TBC	MHHS Impact	Of interest - Qualification

Change Title	R0064 - Creating a Meter Operator Agent and MOCoP Installer					
Change Summary:	Prior to Retail Code Consolidation, electricity metering providers were either classified as Meter Operator Agent or MOCOPA Meter Installers. At Retail Code Consolidation these organisations were merged into a new category, Metering Equipment Managers, which also included gas metering providers. Whilst both types of organisation can provide metering services, not all MEM obligations in the REC apply to both organisations. This Change Proposal seeks to clarify the obligations of each type of metering provider by reintroducing this distinction.					
Stakeholder positions:	MEMs - TBC					
Date raised:	22/8/22	Status:	REC Initial Assessment – plan being presented to Change Panel on 20/12	Decision date:	TBC	MHHS Impact	Of interest - Qualification

Change Title	R0066 - Inclusion of new DNO mastered SMRS Data Items in the EES (extension of R0032)						
Change Summary:	This Change Proposal seeks to display new BSC owned data items in EES. These data items support the introduction of registration service data items that will be needed before Market-wide Half Hourly Settlement (MHHS) migration commences in October 2024. This Change Proposal is an extension of requirements set out in R0032 and takes forward the data items defined in BSC CP 1568						
Stakeholder positions:	ERDS Providers, EES – this has been to Change Panel, was challenged						
Date raised	26/8/220	Status	Final Assessment	Decision date	20/12/22	MHHS Impact	Supporting data population ahead of transition completion

Change Title	R0059 - Maintenance of Qualification Schedule Change					
Change Summary:	Ambiguity in the Qualification and Maintenance Schedule is resulting in missing or incomplete 'Maintenance of Qualification' submissions and information from REC Parties. This results in time spent clarifying obligations or the Code Manager needing to request further detail from REC Parties, creating inefficiencies for REC Parties and the Code Manager.					
Stakeholder positions:	TBC					
Date raised	26/8/22	Status	REC Initial Assessment	Decision date	TBC	MHHS Impact	Of interest – Qualification

Change Title	R0047 – Metering Code of Practice Consolidation					
Change Summary:	This Change Proposal seeks to consolidate the current Metering Codes of Practice into a single set of arrangements that are simplified, proportionate and relevant, which can be monitored via a single audit scheme.					
Stakeholder positions:	MEMs and DNOs - supported					
Date raised	20/5/22	Status	Approved – awaiting implementation	Decision date	15/11/22	MHHS Impact	Of interest

Horizon Scanning Code Body Change Update REC

Change Title	R0067 - Introduction of CSS refresh functionality				
Change Summary:	Introduction of a CSS refresh functionality would allow systems which interface with the CSS to request a re-send of out of sync messages, messages received after gate closure, or missing messages without the need of manual intervention. There may be a requirement to introduce missing message detection functionality, to identify 'single send' missing messages.				
Stakeholder positions:	TBC				

Date raised	26/8/22	Status	Solution Development	Decision date	TBC	MHHS Impact	For awareness only

Change Title	R0065 - Registration of Smart Export Guarantee (SEG) Sites				
Change Summary:	The Smart Export Guarantee (SEG) came into force on 1 January 2020 and introduced the need to register and settle Export Meter Point Administration Numbers (MPANs), in accordance with the BSC arrangements. There are a number of scenarios arising which question whether these existing processes established for the import market are fit for purpose for the export market and for the use of shared smart Meters.				
Stakeholder positions:	TBC				

Date raised	22/8/22	Status	On Hold	Decision date	TBC	MHHS Impact	For awareness only

MHHS PROGRAMME
Industry-led, Elexon facilitated

Horizon Scanning Code Body Change Update REC

Change Title	R0080 - Improvements to 'Failed to Deliver' CSS Messages					
Change Summary:	Since Go-Live a large number of messages have been unsuccessfully delivered due to failures of CSS Users gateways, resulting in CSS exhausting the 12-hour retry period. This Change Proposal has been raised to explore and address this issue					
Stakeholder positions:	TBC					
Date raised	27/10/22	Status	On Hold	Decision date	TBC	MHHS Impact	For awareness only

Change Title	R0075 - Enabling Software Product Qualification					
Change Summary:	This change proposes that specific software product sets should be allowed to complete qualification independently of any specific REC Party. The product set would then be subject to its own maintenance of qualification by following the REC Maintenance of Qualification processes. Any REC Party using that product set would then be able to 'place reliance' on this qualification as part of their own market entry and annual maintenance statements.					
Stakeholder positions:	TBC					
Date raised	27/10/22	Status	On Hold	Decision date	TBC	MHHS Impact	For awareness only

MHHS PROGRAMME
Industry-led, Elexon facilitated

Change Title	R0081 - CSS Market Message Retry Strategy					
Change Summary:	The prescriptive nature of the Market Message retry drafting is currently impeding on the CSS Service Provider's ability to ensure all Market Messages are sent and received successfully between the CSS and the CSS User. The CP proposes a move to a principles-based obligation that allows for flexibility to ensure the CSS and CSS User are able to attempt retries but not have to follow specific timings or have a maximum number of retries.					
Stakeholder positions:	TBC					
Date raised	27/10/22	Status	On Hold	Decision date	TBC	MHHS Impact	For awareness only

Change Title	R0083 - Changes to Supply Number Format for MHHS					
Change Summary:	This CP to update the Supply Number Format as a result of MHHS change that will mean some of the data items will no longer be available. This change looks to amend the data items in the top line of the Supply Number.					
Stakeholder positions:	TBC					
Date raised	27/10/22	Status	New CP	Decision date	TBC	MHHS Impact	Of Interest

MHHS PROGRAMME
Industry-led, Elexon facilitated

Change Title	R0083A - Changes to Supply Number Format for MHHS (Alternative)				
Change Summary:	This CP to update the Supply Number Format as a result of MHHS change that will mean some of the data items will no longer be available. This is an alternative CP to R0083, which proposal the removal of the top line of the Supply Number.				
Stakeholder positions:	TBC				
Date raised	27/10/22	Status	New CP	Decision date	TBC	MHHS Impact	Of Interest

Other REC issues and Pre Change Proposal

Description	Status	MHHS impact
REC Issue RI-0036 CR-D129: Gas gate closure message cut-off timing	REC Issue	Of interest – impacts to SecuredActive messaging

MHHS PROGRAMME
Industry-led, Elexon facilitated

CR12 Outcome

INFORMATION: Provide update on outcome of CR12 decision at Programme Steering Group (PSG) and consequential updates to the CCAG Terms of Reference

Programme – Jason Brogden

10 mins

MHHS PROGRAMME
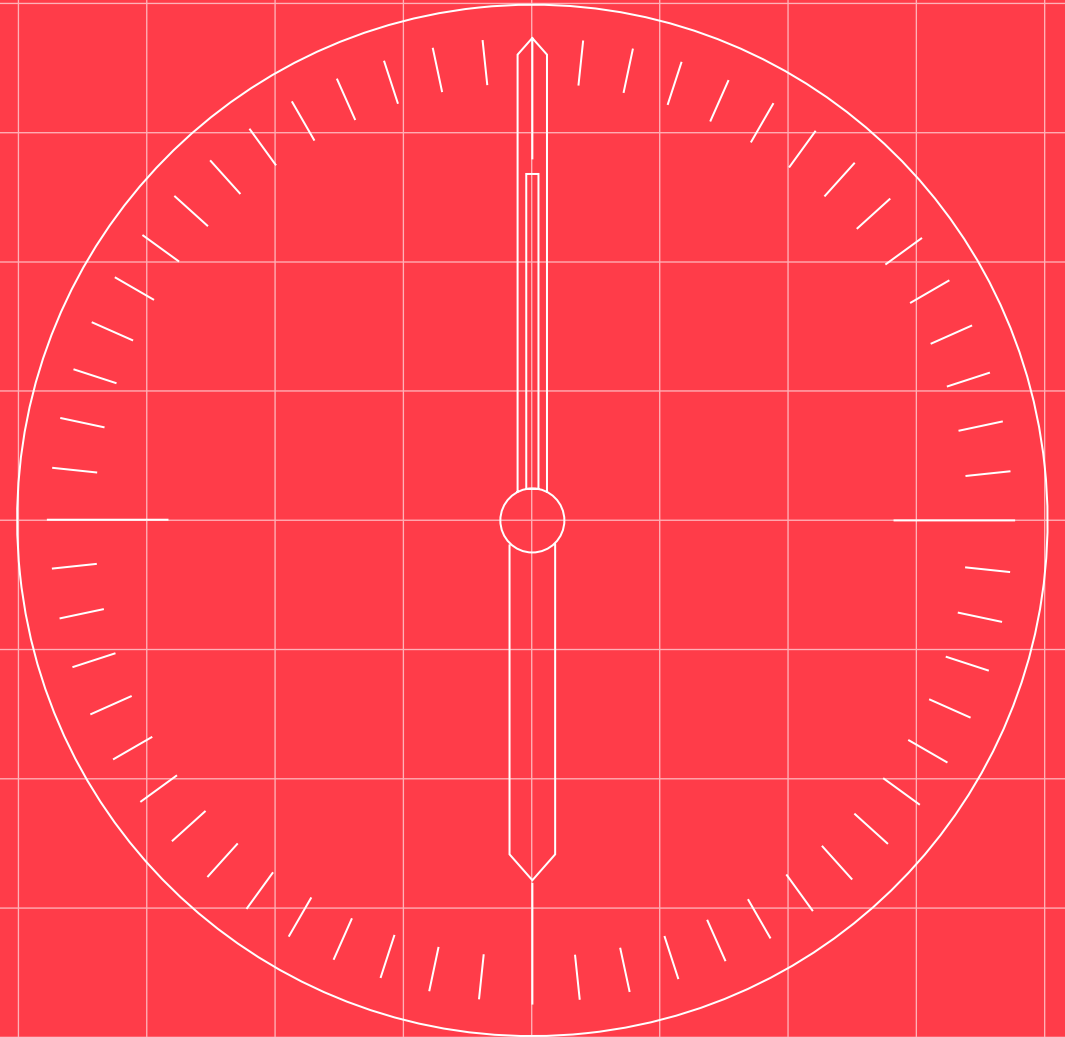
Change Request 12 – Increase CCAG scope to include Consequential Code Change

- PSG approved CR12 on 07/12/2022
- The Cross-Code Advisory Group (CCAG) Terms of Reference have been updated to include consequential code change.
- A consequential code change process to enable Code Bodies to submit their consequential codes is being developed by the Programme

The high-level consequential code change process approach is -
1. Consequential code change is recorded by Code Bodies on the Consequential Change Log before the R3 consultation closes (Jan 23), so it is brought into Programme governance and captured by the Code Drafting Plan
2. Code Bodies develop their consequential change design solutions under their individual codes and the approved design and related code text is delivered in time for the Consequential Code Change code drafting topic (Aug 23).
3. CCAG (and CDWG) will recommend the submitted consequential code text reflects the consequential change solution
4. The Programme will centrally change manage the approved M6 baseline until M10

Round 3 Replan Consultation

INFORMATION: Updates on the Round 3 Replan consultation following approval of CR12

Programme – Becca Fox

10 mins

MHHS PROGRAMME
Industry led, Elexon facilitated
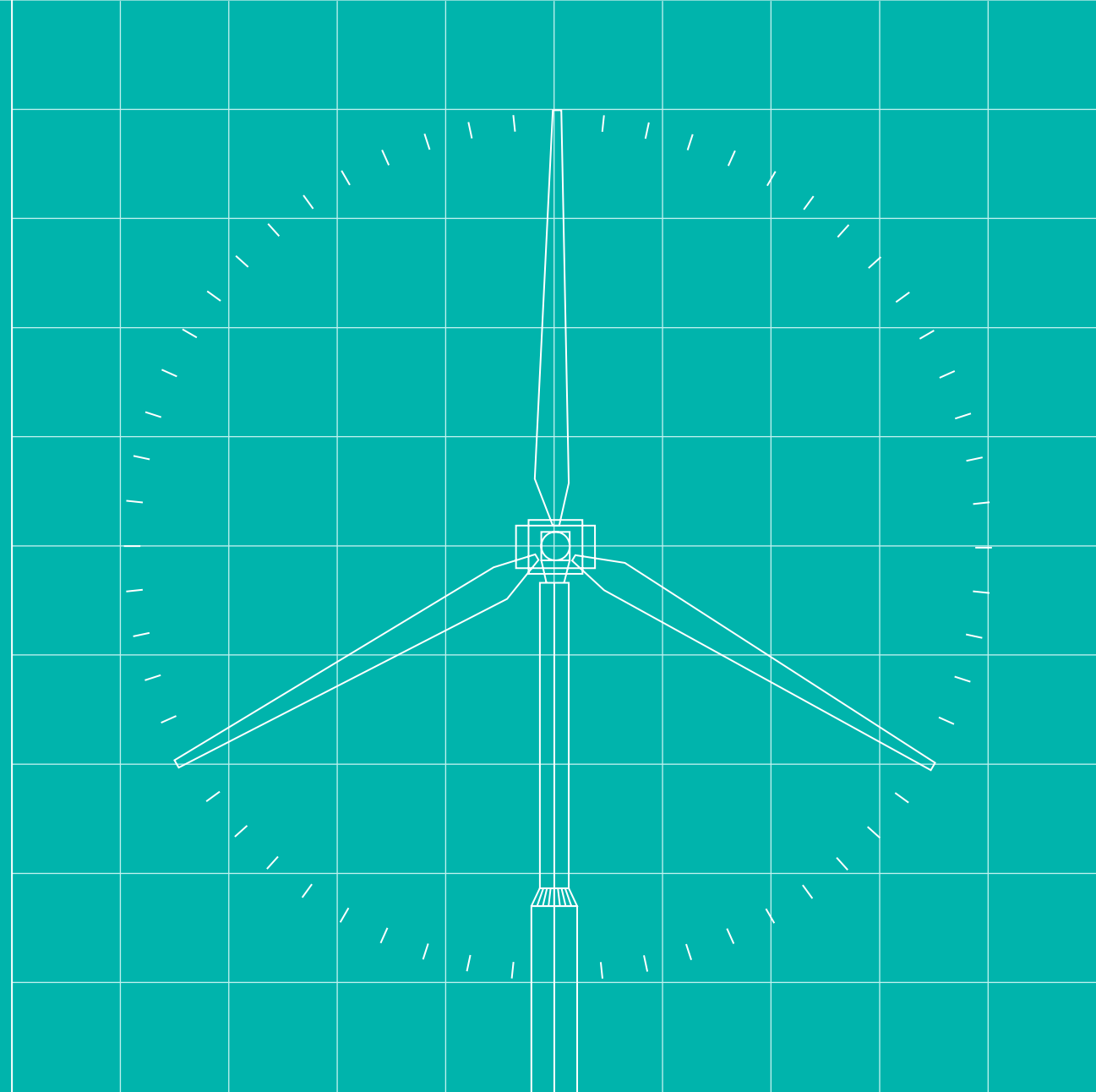
The Code Drafting Plan has been updated and included in the round 3 replan consultation.

The plan has been amended to include:

- A new consequential code drafting topic area which consists of:
  - 2 week review of consequential change
  - 2 week industry consultation period
  - 8 week review cycle:
    - Action and triage comments – 3 weeks
    - CDWG review – 4 weeks
    - CCAG review – 1 week

- Bringing forward Interfaces/Data specification topic in response to CCAG feedback.

- Combining Governance and Qualification into a single topic area because of the lower amount of drafting required.

- Ensuring there is less overlap for the mop-up and consistency check areas.

The amendments above have <u>extended the M6 delivery date to 4th April 2024</u>.

MHHS PROGRAMME
Industry-led, Elexon facilitated

Code Drafting Plan – Including Consequential Code Drafting Change CR12

|	Activity		Dec 22	Jan 23	Feb 23	Mar 23	Apr 23	May 23	Jun 23	Jul 23	Aug 23	Sep 23	Oct 23	Nov 23	Dec 23	Jan 24	Feb 24	Mar 24	Apr 24	May 24
A	Planning	Impact assess design, finalise plan, define M6-8 acceptance criteria (8 wks – start Nov '22)	8 wk																	
B	Data Services (BSC)	Drafting (6 wks) and review cycles (10 wks)		16 weeks																
C	Metering Services (REC)	Drafting (6 wks) and review cycles (10 wks)		16 weeks																
D	Interfaces / Data Specification (REC and BSC)	Drafting (8 wks) and review cycles (12 wks)			20 weeks															
E	Registration (REC and BSC)	Drafting (8 wks) and review cycles (12 wks)			20 weeks															
F	Review	Mid-point assessment of process (2 wks)					2													
G	BSC Central Services (BSC)	Drafting (9 wks) and review cycles (11 wks)						20 weeks												
H	Qualification & Governance (REC and BSC)	Drafting (9 wks) and review cycles (11 wks)						20 weeks												
I	Consequential Change	Review (2 wks), review cycle (10 wks)								12 weeks										
J	Transition Text (all codes)	Drafting (8 wks) and review cycles (10 wks). Soft start during previous topics							18 weeks											
K	Topic area mop up	Review & plan (2 wks). Drafting (4 wks). Review cycles (10 wks)										16 weeks								
L	Finalise and consistency check	• Gap analysis and consistency check (2 wks) • Finalise documentation (1 wk) • Final consultation and approval (8 wks)														11 weeks				

M5

M6

15 months

Prototyping Update

INFORMATION: Overview of outcomes of Sprint 2
Prototyping exercise

RECCo (Sarah Jones) & Programme (Matt McKeon)

10 mins

**MHHS
PROGRAMME**
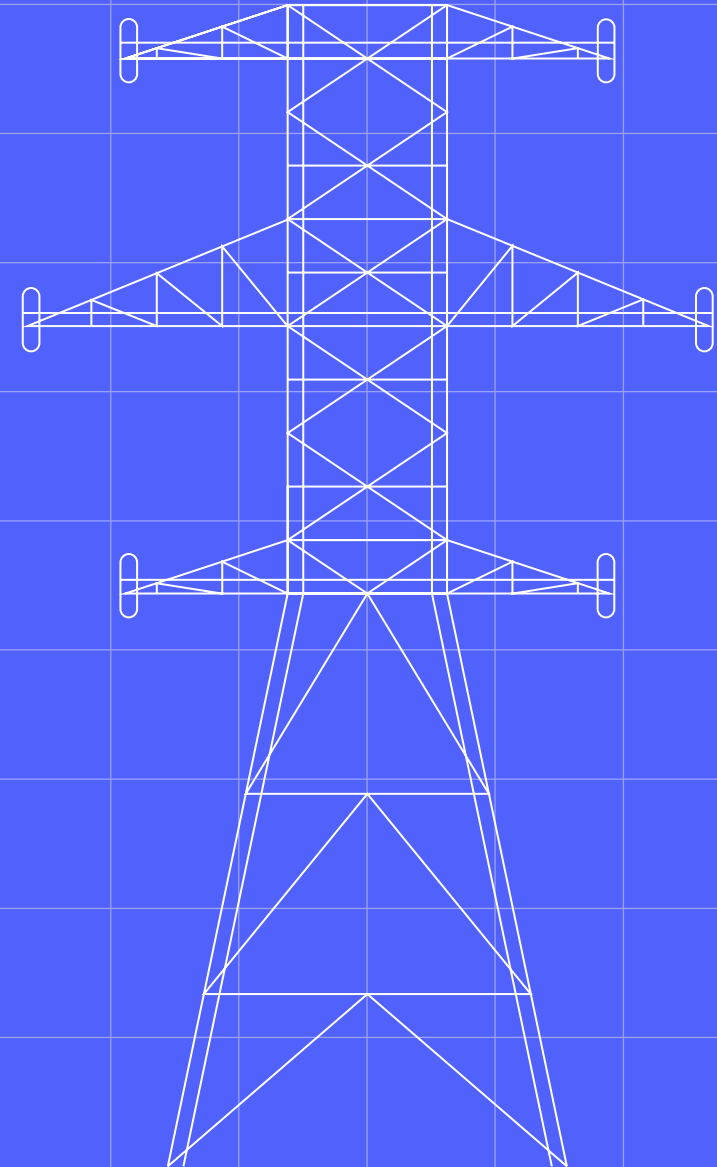
Sprint 2 focused on the design traceability and agreement on high level drafting principles.

An initial traceability matrix was created showing:
- Left to right mapping using the design artefact tracker; and
- Right to left mapping based on BSC and REC baseline statements.

The initial traceability exercise focused on artefact level mapping.

Examples of lower-level traceability was also undertaken, to demonstrate the approach that will be followed during the drafting tranches.

Prototyping output documents:

MHHS-DEL830 - MHHS Traceability Matrix Prototype v1.0

MHHS-DEL827 – MHHS Drafting Principles and Terminology for CDWG v1.0

MHHS
PROGRAMME
Industry-led, Elexon facilitated

MHHS proposal that lower-level traceability is limited to business requirements spreadsheets – business process steps are repeated in the requirements docs.

Example 1 Metering Service requirements – shows how each requirement will be mapped to a code artefact, section and clause.

Example 2 Disconnection process – shows the governance of each process step (note that many processes will fully reside in a single code).

MHHS PROGRAMME
Industry-led, Elexon facilitated

Metering Point Disconnection process was chosen for a deep dive as it covers BSC, REC and DCUSA.

Code bodies agreed the following principles:

- DCUSA covers the physical connection / disconnection of a Metering Point by the DNO.

- When the DNO disconnects the Metering Point in accordance with the DCUSA, they notify SMRS via the DB03 internal message.

- SMRS updates registration data and issues required MHHS interfaces (BSC)

- ERDS changes the RMP Status to terminated and notifies the CSS (REC)

This split in responsibilities will be applied to other processes.

MHHS PROGRAMME
Industry-led, Elexon facilitated

An initial spreadsheet was created to record the drafting principles - a number of which were discussed at the last CDWG.

A joint list of proposed definitions have been developed showing the translation of MHHS design terminology into codes and vice versa.
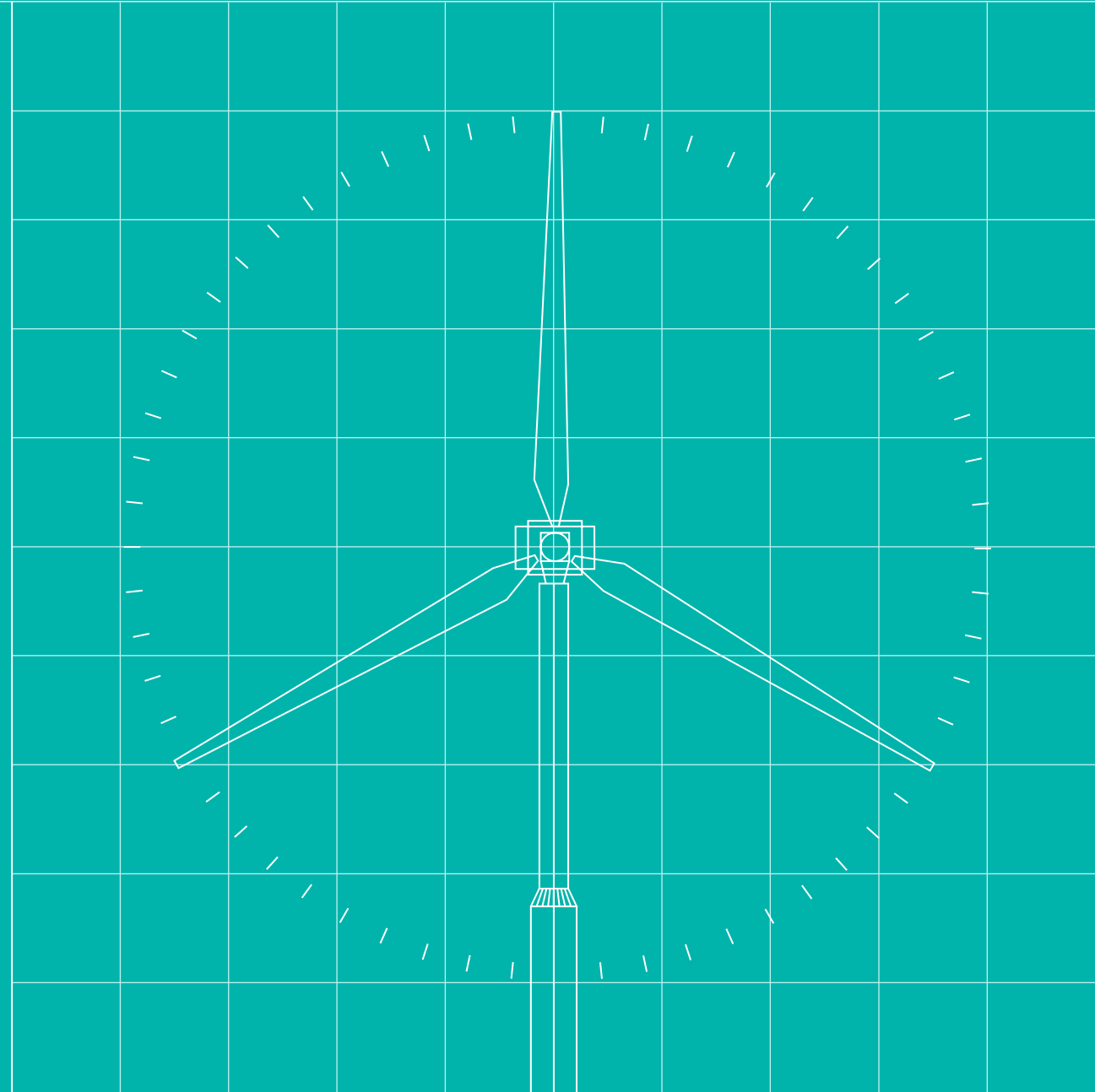
These are working documents to be maintained by the Programme throughout the drafting phase.

CCAG Reporting

INFORMATION: Updates on code drafting activities against approved code drafting plan

Programme – Becca Fox

10 mins

MHHS PROGRAMME
Industry led, Elexon facilitated

MHHS Programme – Code drafting progress update

Status Summary

The current code drafting plan has been amended to include CR12 consequential code change and therefore has changed M6 delivery to 4/4/24

Prototyping sprint 2 has been completed. The outputs have been shared with CDWG and CCAG. The traceability matrix will be key to managing and reporting on the code drafting.

January Deliverables

- Code drafting commences on Data Services and Metering Services
- The first CDWG will take place during a code drafting window giving us opportunity to workshop drafting questions
- Go live of the updated code drafting collaboration space
- Preparation activities for the first industry consultation on 14/2/23

| Drafting Milestones	Target date*	Forecast date	Status
Data Services approved at CCAG	26/4/23	26/4/23	Green
Metering Services approved at CCAG	26/4/23	26/4/23	Green
Interfaces/Data Specification approved at CCAG	28/6/23	28/6/23	Green
Registration approved at CCAG	28/6/23	28/6/23	Green
Governance and Qualification approved at CCAG	23/8/23	23/8/23	Green
BSC Central Services approved at CCAG	23/8/23	23/8/23	Green
Consequential Change approved at CCAG	25/10/23	25/10/23	Green
Transition Text approved at CCAG	25/10/23	25/10/23	Green
Topic Area Mop Up approved at CCAG	24/1/24	24/1/24	Green
Finalise and consistency check approved at CCAG	27/3/24	27/3/24	Green
Code changes baselined (M6)	4/4/25	4/4/25	Green
Smart Meters Act powers enabled (M7)	6/12/24	6/12/24	Green
Code changes delivered (M8)	7/3/25	7/3/25	Green

*dates subject to Programme Replan

Risks

#	Risk or Issue	Mitigation Plan	RAG
R	There is a risk that the outputs of code drafting may not reflect the design	1)Ensure the code drafting does align to the design solution 2)Complete a cross check between code drafting and design at the end of the code drafting process	**Medium Risk**
R	There is a risk that there may be a material volume and/or individual large changes required to the design after M5 (e.g. as a result of testing, code drafting, or raised by Programme Participants) that require code drafting to be paused and/or approached differently.	1)The SRO/LDP team will manage all the queries 2)Monitoring and managing the change request process	**Medium Risk**
R	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	1)The CCAG has/will consider their approach to reviewing and updating code, should the design change e.g., maintaining working groups on stand-by 2)To ensure the change control process is followed correctly	**Medium Risk**
R	There is a risk that parties involved in code drafting and review may not dedicate sufficient resource to deliver drafting and review within given timescales and therefore code drafting may take longer than given	1)Resource requirement defined and agreed with relevant parties in advance of M5 - Complete 2)Resource position of relevant parties transparently shared ahead of M5 - Complete 3)Clearly defined code drafting timelines, including review, captured in Round 2 plan - Complete 4)A final review of the BSC code drafting matrix - complete	**Medium Risk**

MHHS PROGRAMME
Industry-led, Elexon facilitated

CDWG Update

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

Programme – Andrew Margan

10 mins
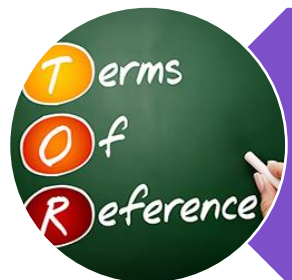
MHHS PROGRAMME

Industry-led, Elexon facilitated
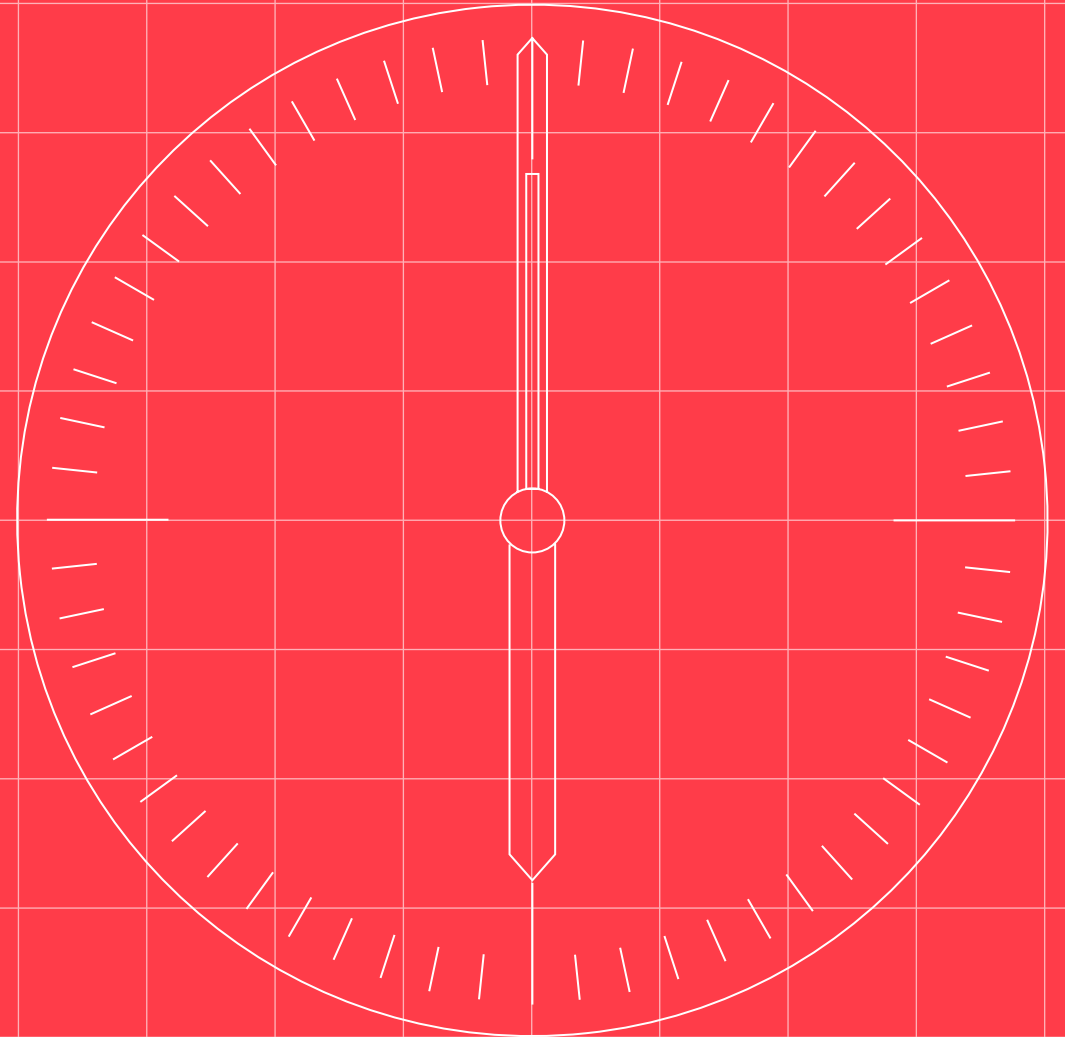
December CDWG update

January 2023 CDWG

Upcoming agenda items

December CDWG Discussion Topics

- Code drafting plan timelines
- Update on sprint 2 prototyping exercise
- Programme Change Request 12
- Code drafting collaboration base
- CDWG standing agenda items

Actions from December CDWG

- The Programme and RECCo will review proposals for defined terms relating to data and agent services, and consider whether existing terms to continue
- The Programme will create a process document detailing how consequential change (CC) items will be brought into CAG-led code drafting following approval of CR12. This will include cut off dates for CC items and info on how items will be approved for inclusion

Summary and Next Steps

INFORMATION: Summarise meeting actions and next steps

Chair & Secretariat

5 mins

MHHS PROGRAMME
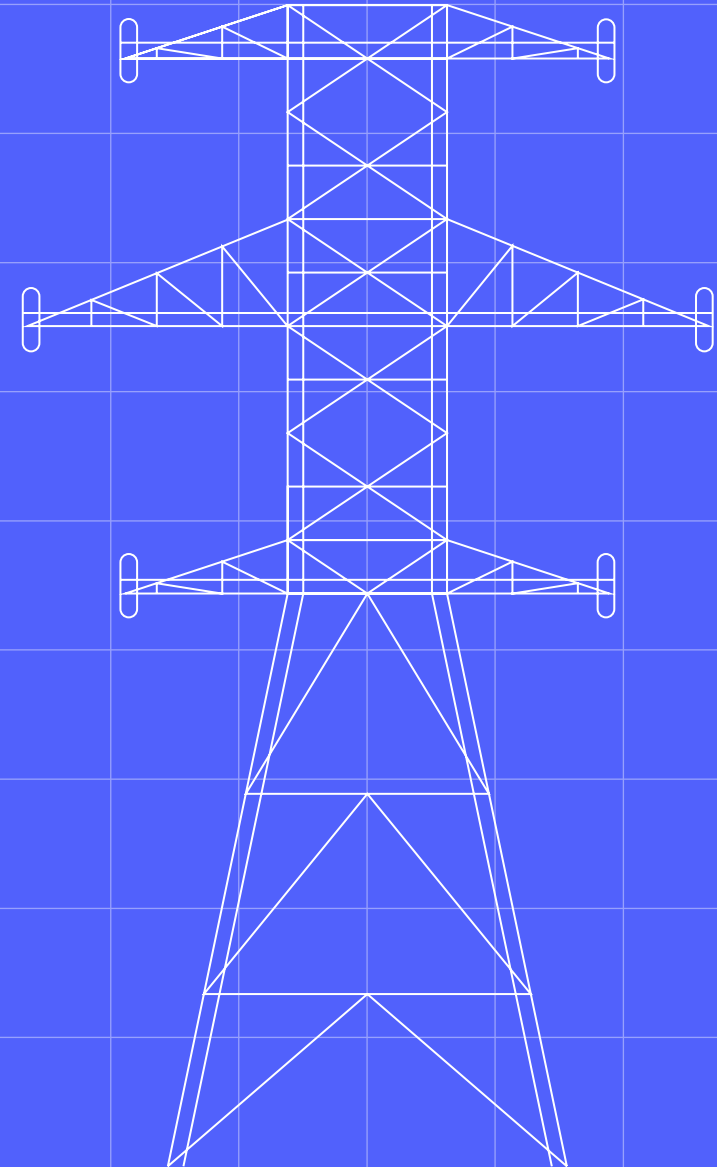
- Secretariat to confirm actions and decisions from meeting

- Next CCAG meeting **25 January 2023** at **10:00am**

- Next CDWG meeting **17 January 2023** at **10:00am**