



MHHS
PROGRAMME

Industry-led, Elexon facilitated

Cross Code Advisory Group #17

26 April 2023

Version 1.0

MHHS DEL1143

Document Classification: Public

Agenda

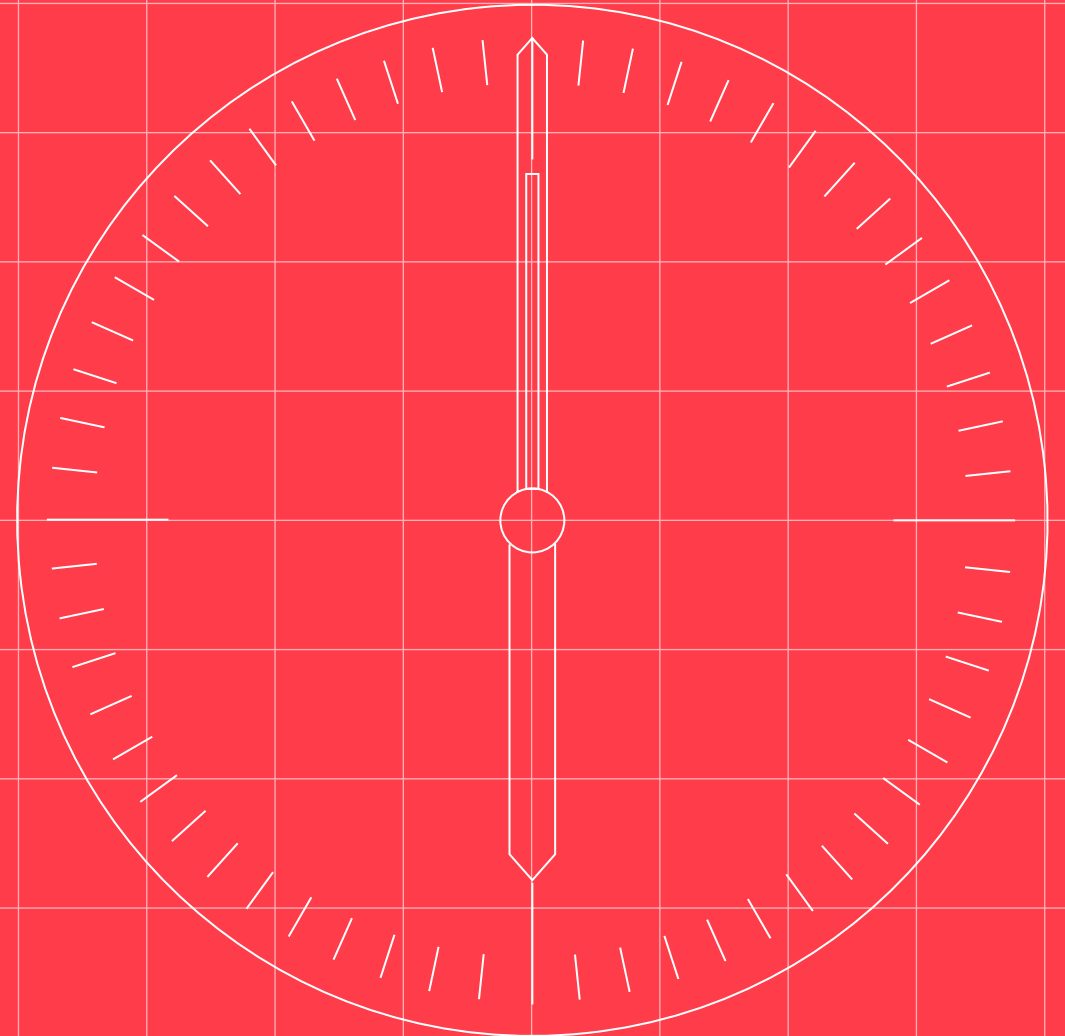
#	Item	Objective	Type	Lead	Time	Page
1	Welcome			Chair	10:00-10:05 5 mins	1
2	Minutes and Actions	Approve minutes of previous meeting and review outstanding actions	Decision	Chair & Secretariat	10:05-10:20 15 mins	3
3	Programme Updates	Updates from MHHS Programme governance groups and the wider Programme	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	Discussion	Code Bodies, Programme (PMO & Design Team)	10:25-10:45 20 mins	7
5	Change Process Map	Overview of external code change and Programme Change Request interaction process mapping (ACTION: CCAG16-01)	Discussion	Programme (Andrew Margan)	10:45-11:05 15 mins	13
6	CCAG Reporting	Updates on code drafting activities against approved code drafting plan	Information	Programme (Julian Woodland & Jason Brogden)	11:05-11:15 10 mins	18
7	CDWG Update	Updates from the Code Drafting Working Group (CDWG)	Information	Programme (Andrew Margan & Julian Woodland)	11:15-11:25 10 mins	21
8	Summary and Next Steps	Summarise meeting actions and next steps	Information	Chair & Secretariat	11:25-11:30 5 mins	24
	Appendix					26
	Appendix 1 – DRAFT Code Drafting Plan					

Minutes and Actions

DECISION: Approve minutes of previous meeting and review outstanding actions

Chair & Secretariat

15 mins



Minutes and Actions

- Approval of Headline Report and change marked Minutes of CCAG meeting held [22 February 20223](#)
- Approval of Headline Report and Minutes of CCAG meeting held [22 March 20223](#)
- Review of outstanding actions:

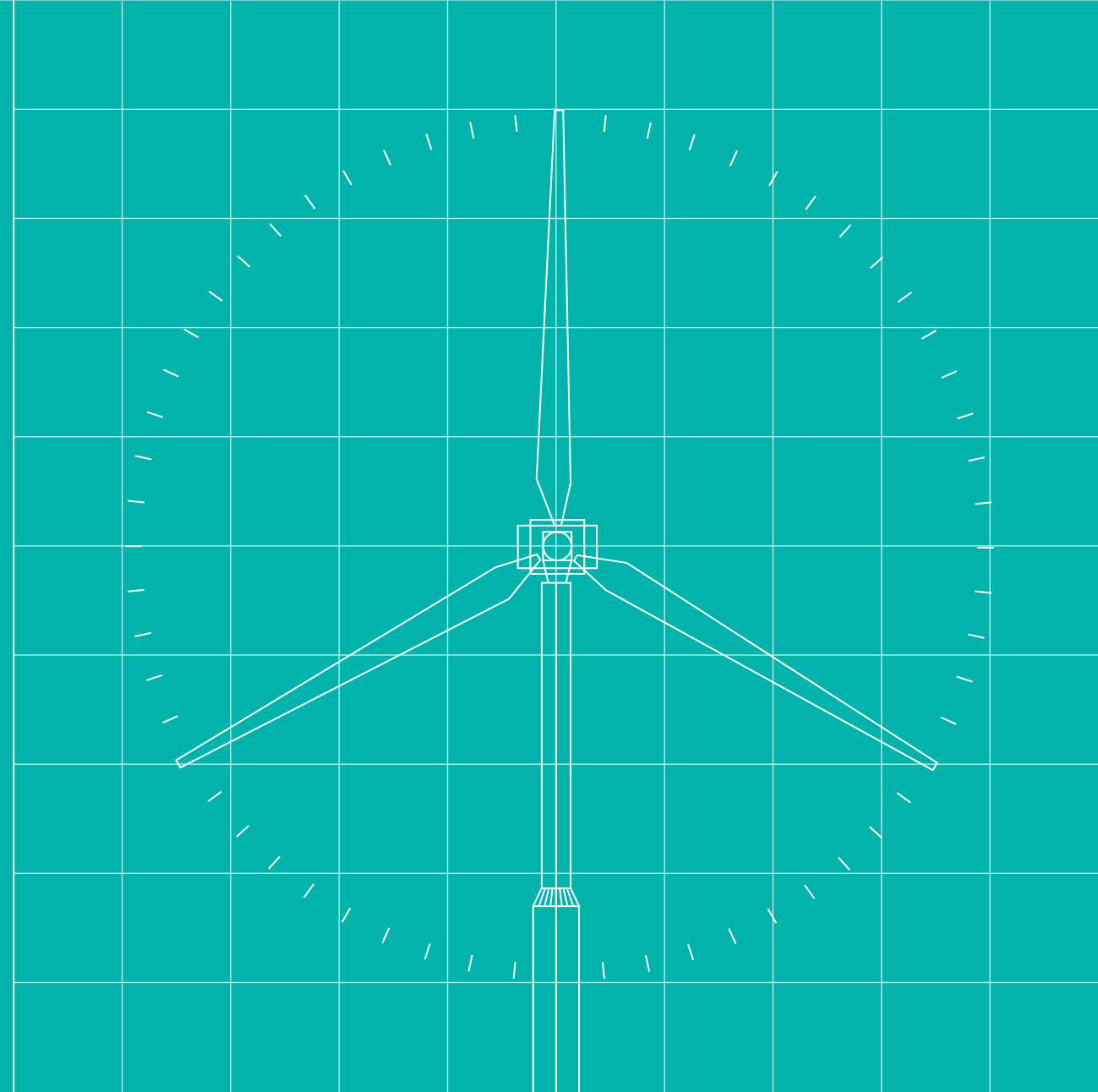
Ref	Date Raised	Action	Owner	Due Date	Update
CCAG16-01	22/03/2023	Programme to produce a process map on how external Code Change Proposals/Modifications and Programme Change Requests operate where dependencies may exist (e.g. DCP415 and CR019)	Programme (Andrew Margan)	26/04/2023	RECOMMEND CLOSED: To be discussed under agenda item 5.
CCAG16-02	22/03/2023	RECCo to consider addition of REC Change Proposal R0095 to the Horizon Scanning Log	RECCo	26/04/2023	RECOMMEND CLOSED: RECCo to provide update.
CCAG16-03	22/03/2023	Programme to consider CCAG feedback on the updated Code Drafting Plan and determine whether any additional updates are required	Programme (Andrew Margan)	26/04/2023	RECOMMEND CLOSED: Latest Code Drafting Plan part of CR022, currently out for Impact Assessment (deadline 26 April 2023).
CCAG14-01	25/01/2023	Programme to clarify position and timelines on BSC Issue 101 and how any requirements may proceed into CCAG-led code drafting	Programme (Chris Welby)	24/05/2023	RECOMMEND CLOSED: BSC confirm intention is to raise standalone BSC Modification following completion of Issue 101 group. As such, not current requirement for outcomes of Issue 101 to proceed into Programme code drafting.

Programme Updates

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

Programme PMO

5 mins



Governance group updates

Programme Steering Group (PSG)

Update from PSG 05 April 2023

- Programme Re-Plan:** The PSG discussed in detail the content of the re-plan, the changes to the plan, the key risks in the plan, and the need to baseline the plan now. The PSG agreed to raise the re-plan Change Request CR022 to Impact Assessment with IA window closing 26 April 2023
- Interim Plan extension:** The PSG approved a 2-month extended version of the Interim Plan POAP
- Programme Workstream Update:** The Programme updated on activity in the SI workstream
- IPA LDSO assurance:** The IPA presented outputs of recent LDSO assurance activity
- MHHS processes:** The Programme shared a reminder on MHHS escalation and consultation processes

PSG papers available [here](#).

Testing and Migration Advisory Group (TMAG)

Update from TMAG 15 March 2023

- Data Cleanse Plan:** The Programme provided an overview of the plan, scope and timescales
- Migration, Cutover & Data Strategy:** The Programme provided an update on progress to date
- SIT Scope:** The Programme provided updates on the SIT Scope document, and plans to update and rebaseline the MHHS E2E Testing and Integration Strategy
- Placing Reliance Policy update:** The Programme provided an update on the status of the Placing Reliance Policy for review ahead of planned approval at 27 March extraordinary TMAG
- Test Data Approach and Plan:** The Programme provided an update on progress of the Test Data Approach and Plan ahead of decision at May TMAG
- Working group updates – Updates were provided on activity at the Qualification and Non-Functional Testing Working Groups

TMAG papers available [here](#)

Design Advisory Group (DAG)

Updates from DAG 12 March 2023

- Change Requests:** the DAG looked to make decisions on three Change Requests. The DAG agreed to update and re-issue CR018 to Impact Assessment and to defer the decision on CR017 to be made alongside CR018. The DAG approved CR019.
- Design change management updates:** The Programme presented the revised Change Management process and shared the forward plan for the first Interim Release of updated design artefacts. DAG members provided feedback.

DAG papers available [here](#)

Cross Code Advisory Group (CCAG)

Update from CCAG 22 March 2023

- Code Drafting Plan:** CCAG received updates on changes to the plan arising both from feedback received following the first code drafting consultation and as part of the Programme Replan. Consultation timeframes will be extended to three weeks, and traceability matrices have been produced showing the level of documentation which may require review in future to assist participants resource planning.
- BSC Issue 101:** BSC provided an overview of the work of this issues group. CCAG were advised the group will produce a solution and recommendation to be included in an SCR-driven modification to the BSC. The Programme are reviewing whether there may be impacts on the DIP technical design
- CDWG Update:** CCAG were given an overview of the first code drafting consultation and forward plan for the CDWG. Over 1,100 comments were received from the majority of participant constituencies.

CCAG papers available [here](#)

Wider Programme updates

Change Request CR022: MHHS Programme Replan:
 On 5 April 2023, the Programme Steering Group (PSG) agreed to issue **CR022: MHHS Programme Replan** for Impact Assessment.
 The Programme Team are now running Playback sessions on the content of the Replan. Playbacks are split per industry constituency and invites have already been shared with participant principal contacts. To view times and dates of the sessions, please visit the Replan Playbacks page of the MHHS website. Please email PMO@mhhsprogramme.co.uk if you have not received a diary invite but would like to attend.
 Please email your CR022 Impact Assessment responses to PMO@mhhsprogramme.co.uk by **17:00 on Wednesday 26 April 2023**.

Design Assurance Update
Survey is live for Cohort One: Core Central Providers: The Programme emailed the Design Assurance Survey to Core Central Providers and they have until Tuesday 2 May 2023 to respond. You can find the survey questions and information on the approach and timelines on the [Design Assurance page of the MHHS website](#).

MHHS Code Update
 The Code Drafting Working Group (CDWG) met on **Tuesday 11 April**. At this meeting, the Programme shared an updated Programme Plan and details of the Code Artefacts post-consultation activity. The consultation update included an overview of the consultation triage process and key themes for accepting, rejecting or deferring consultation comments.

Recently Closed Consultations

- 'Placing Reliance' Policy Consultation Closed:** The consultation closed on Tuesday 11 April. The Programme will publish a consolidated log of comments submitted during this consultation in due course. This will be available on the [Testing Overview page of the MHHS website](#), and on the Collaboration Base.
- Qualification Approach and Plan Consultation Closed:** The Programme will publish a consolidated log of comments submitted during this consultation in due course. This will be available on the Qualification page of the MHHS website. The Code Bodies expect that there will be further iterations of the plan throughout the year, and these updates will be facilitated through QWG.

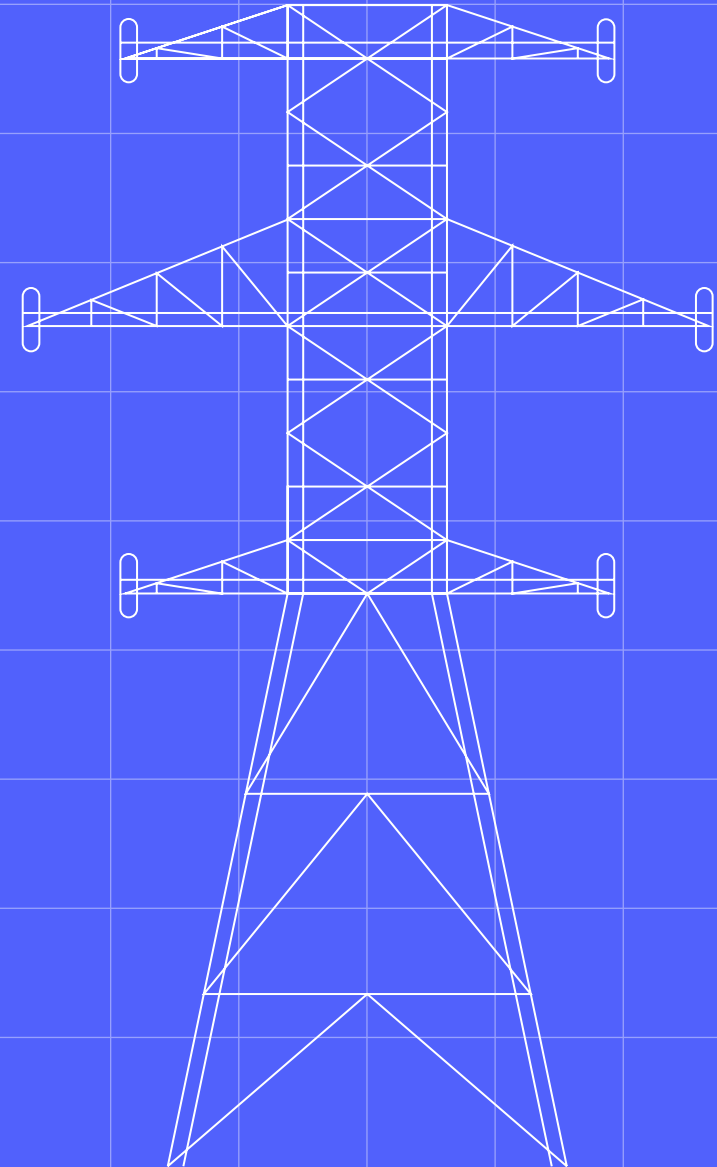
DIP simulator
 We launched Release 1 of the Data Integration Platform (DIP) Simulator on 29 March 2023, which is available to all participants. Please email Sims.Ems@mhhsprogramme.co.uk to request access to the DIP Simulator.

Horizon Scanning Log

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

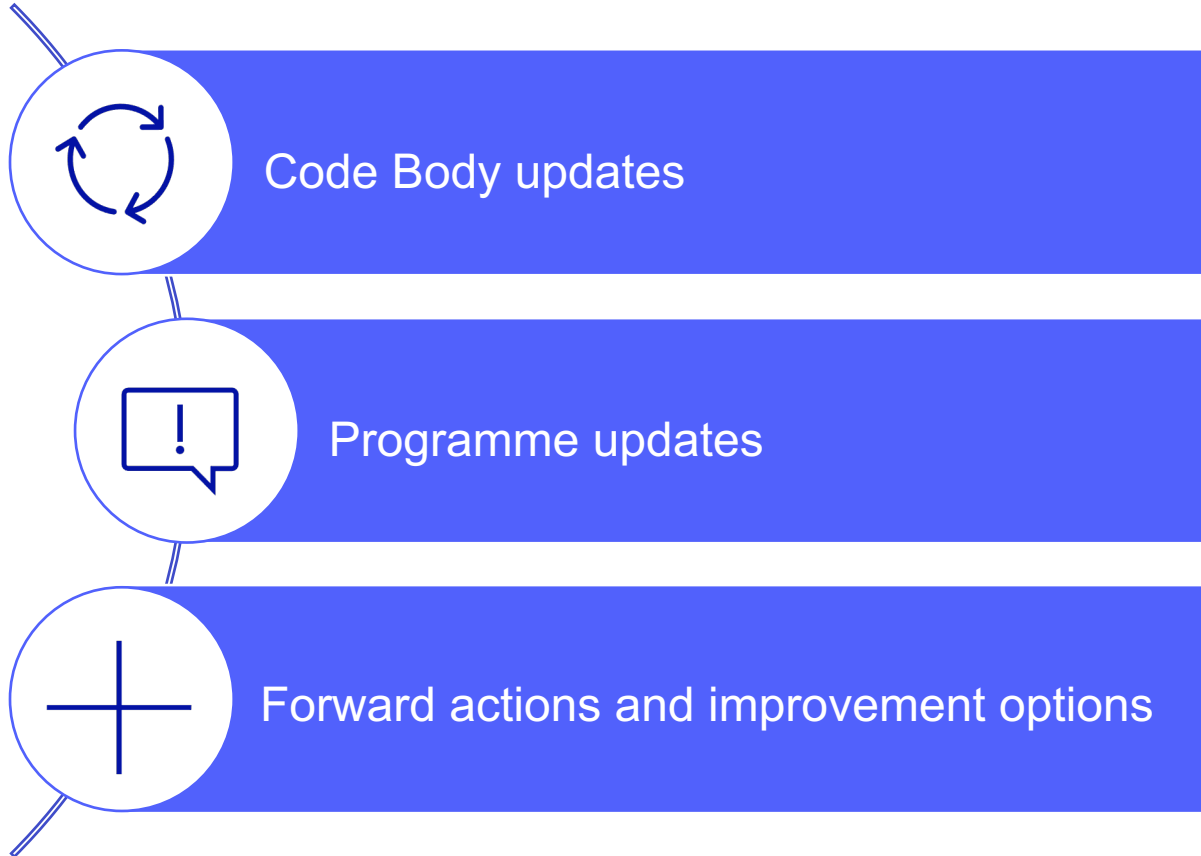
Code Bodies & Programme (PMO & Design Team)

20 mins

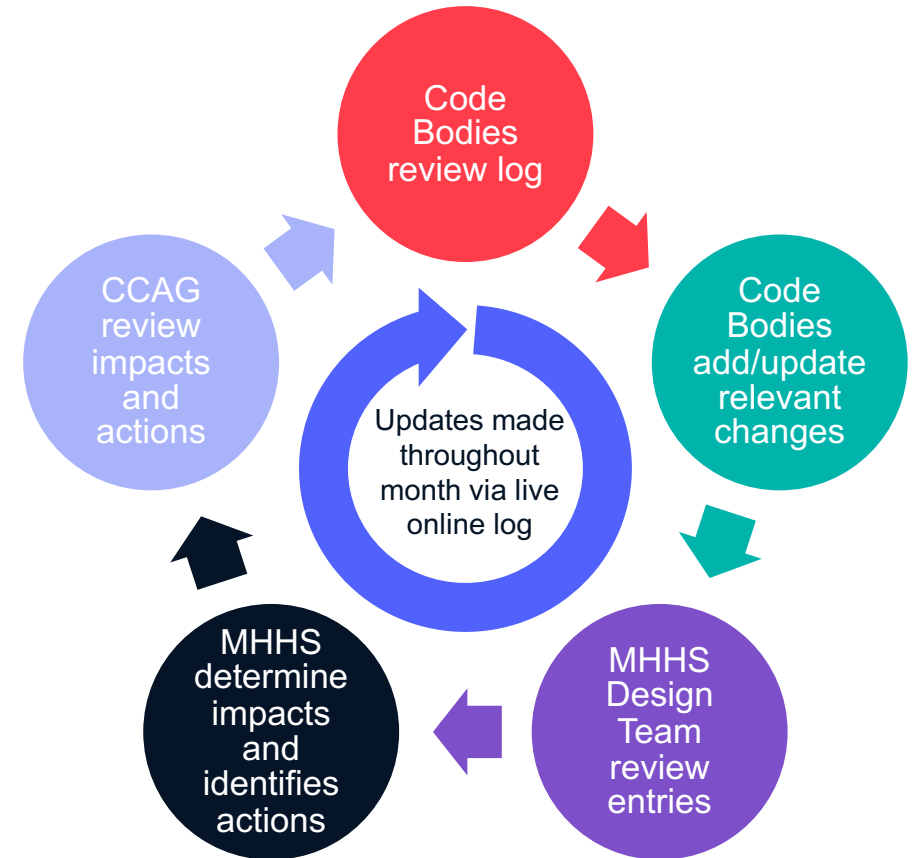


Horizon Scanning Log

CCAG Horizon Scanning Log 26 April 2023



Reminder: Horizon Scanning Log Process



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](#)

Horizon Scanning Code Body Change Updates - Existing

Change Title		R0015 Remote communication obligations for electricity Advanced Meters					
Change Summary:		<p>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.</p> <p>Update 19/04 – The Authority published its decision to Approve the change on 24/03. Implementation will be in the June 2023 release. Obligation effective date is tied to the start of migration (M11).</p>					
Stakeholder positions:		MEMs – obligations to be placed on MEMs Change was originally rejected by the REC Metering Expert Panel, the Code Manager appealed this to Ofgem. Revised timelines for implementation and effective date in Send Back solution supported.					
Date raised:	17/11/21	Status:	Approved for implementation	Decision date:	Authority decision 24/03/23	MHHS Impact	Supporting an effective transition
Change Title		R0017 - Invalid Requests for Site Technical Details					
Change Summary:		<p>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)</p> <p>Update 19/04 – The Preliminary Change Report was published for Consultation on 14/04.</p>					
Stakeholder positions:		MEMs and DNOs - supported					
Date raised:	22/11/22	Status:	REC Consultation	Decision date:	TBC	MHHS Impact	Of interest

Change Title		R0083 and R0083A - Changes to Supply Number Format for MHHS					
Change Summary:		<p>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.</p> <p>Update 19/04 – Party Impact Assessment issued on 06/04, with two solution options under R0083 and a third option that provides the solution for R0083A. Responses due by end of 03/05.</p>					
Stakeholder positions:		TBC					
Date raised:	17/11/21	Status:	Party Impact Assessment	Decision date:	TBD	MHHS Impact	Of interest

Change Title		R0062 - Removal of ERDA meteringPointEnergyFlow change restriction					
Change Summary:		<p>ERDS currently derives the Energy Direction (meteringPointEnergyFlow DI90033) from the LLF Class Indicator (DI50370). From June 2023, via BSC CP1558, Energy Direction will become an independent data item. This change looks to allow DNOs to make more than one change to Energy Direction to improve data accuracy without requiring a new RMP. It will align ERDS with CSS and only enforce the Effective Date rule.</p> <p>Update 19/04 – CP added to the Horizon Scanner. Initial assessment started.</p>					
Stakeholder positions:		TBC					
Date raised:	28/02/22	Status:	Initial Assessment	Decision date:	TBC	MHHS Impact	Of interest

Change Title		R0095 - Changes to allow DNOs to reinstate disconnected MPANs					
Change Summary:		<p>This CP looks to allow a Distribution Network Operator to reinstate MPANs which have been erroneously disconnected, regardless of the Registration Status. CSS to accommodate reinstating a registration from secured inactive to secured active.</p> <p>Update 19/04 – New CP added to the Horizon Scanner. RFI completed in March to understand size of issue and best way to progress the CP.</p>					
Stakeholder positions:		TBC					
Date raised:	17/02/23	Status:	New CP	Decision date:	TBC	MHHS Impact	TBC

Change Title		R0101 - Revision of the Implementation Date and approved solution for R0021					
Change Summary:		<p>Following questions raised in an industry webinar on R0021, to aid readiness for release and implementation, this Change Proposal has been raised to progress changes to the R0021 approved solution and defer implementation to 04 November 2023.</p> <p>Update 19/04 – New Urgent CP added to the Horizon Scanner. The Preliminary Change Report published on 14/04 and due to be issued for Consultation on 24/04.</p>					
Stakeholder positions:		TBC					
Date raised	23/03/23	Status	New CP	Decision date	Authority decision TBC	MHHS Impact	Direct impact

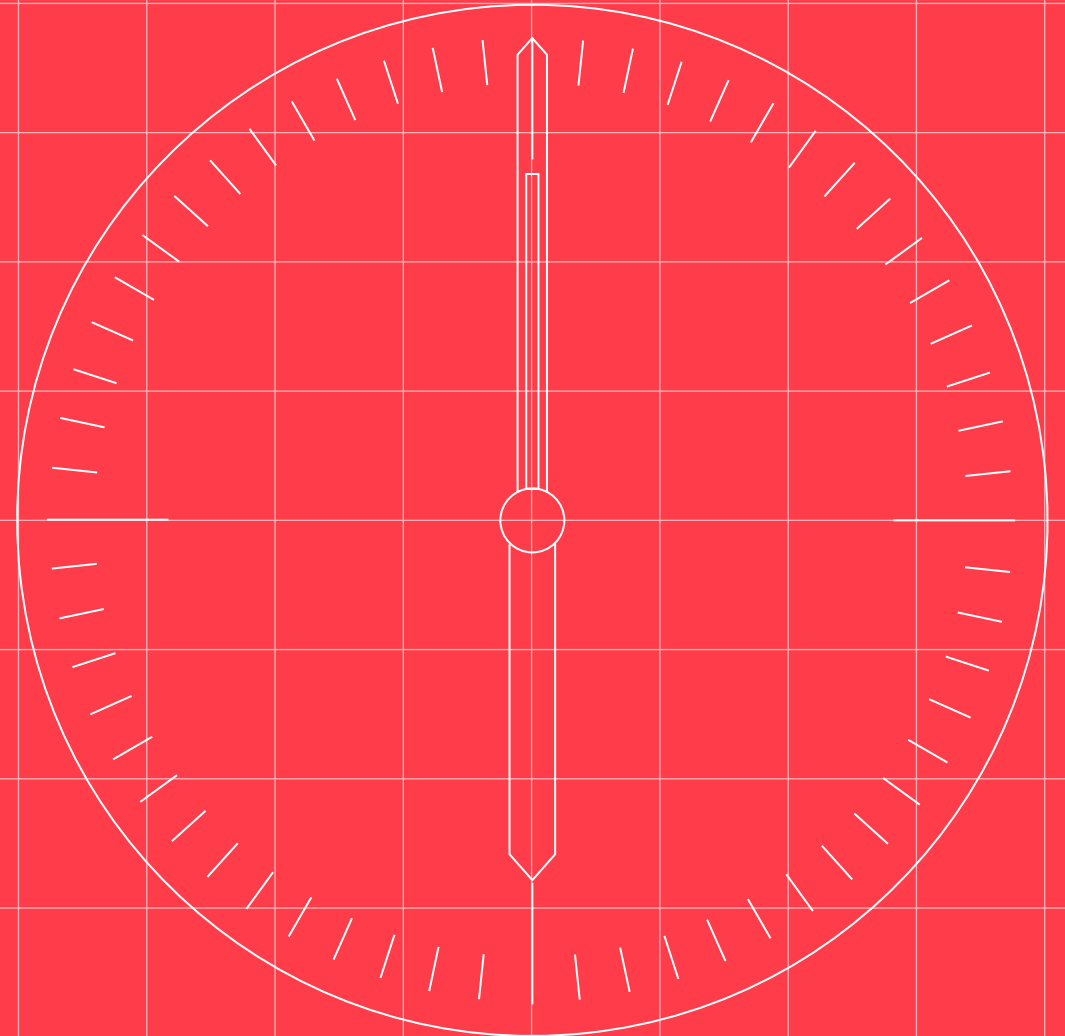
Change Title		R0102 - Revision of the approved solution for R0032					
Change Summary:		<p>This Change Proposal has been raised to progress changes to the approved R0032 solution that have been determined by the Code Manager following review of questions from industry during preparation for release and implementation regarding the version of the D0312 (MM00256) Market Message and the number of register digits that should be provided for specific meter types.</p> <p>Update 19/04 – New Urgent CP added to the Horizon Scanner. The Preliminary Change Report issued for Consultation on 14/04.</p>					
Stakeholder positions:		TBC					
Date raised	27/10/22	Status	New CP	Decision date	26/04/23	MHHS Impact	Direct impact

Change Process Map

INFORMATION: Overview of external code change and Programme Change Request interaction process mapping (ACTION: CCAG16-01)

Programme – Andrew Margan

15 mins



Situation

CCAG highlighted a dependency between the Code Bodies' change processes and the MHHSP Change Process if a change will impact the MHHS Design.

Complication

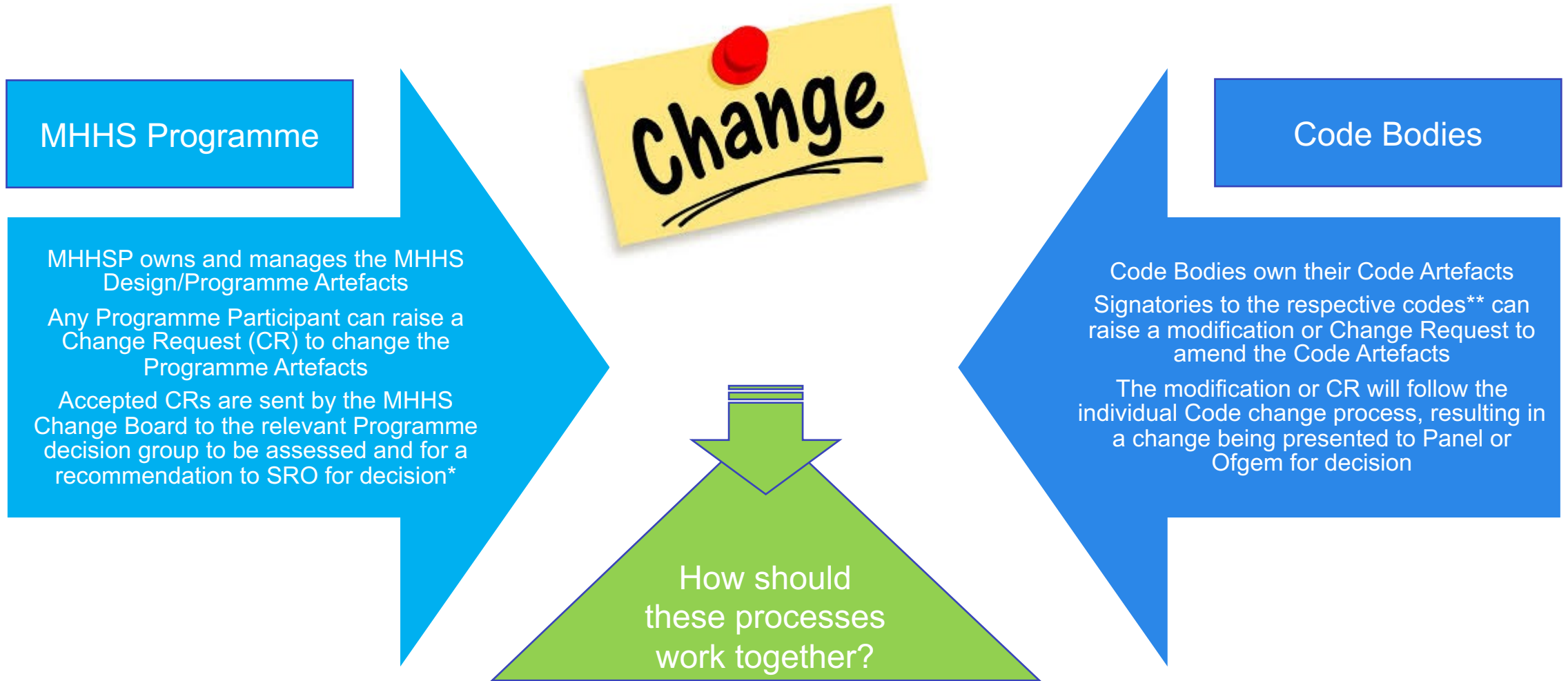
Both Code and Programme change processes operate independently, although the MHHS Design can only be changed through a MHHSP CR.

There are no principles or process which sets out how the dual governance should operate.

Governing Thought

To give industry direction, principles and process steps should be developed and agreed with CCAG.





*Programme changes above agreed thresholds are to be sent by the SRO to Ofgem for decision

** Note under the REC, anyone can raise a change

Principle and High-Level Governance Steps

Following discussions with Ofgem -

Principle

If a change to the MHHS Design is required, Code Bodies must not progress change, but direct the change raiser to the Programme to raise a Programme CR

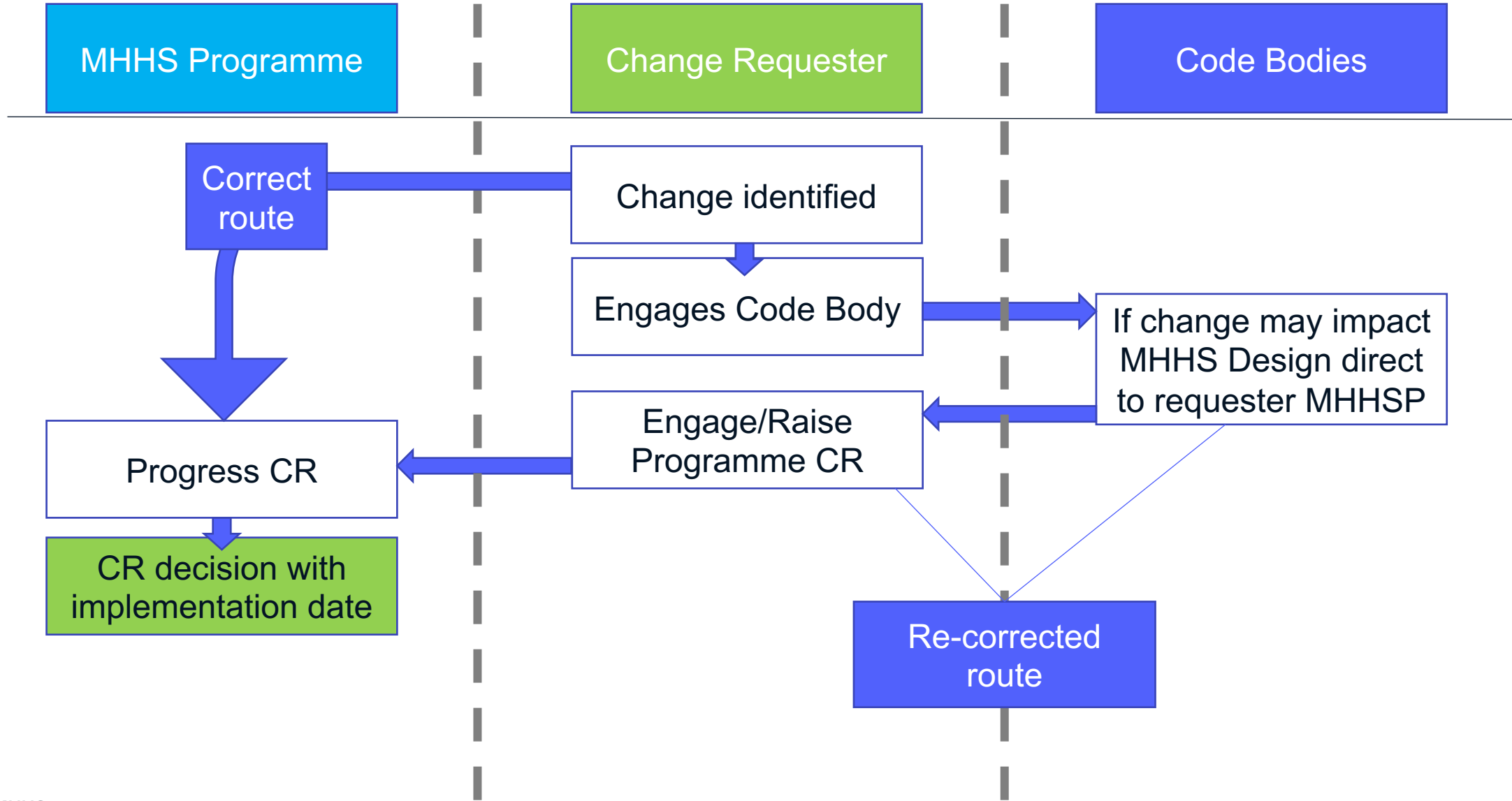
Steps

If a Code change may impact the MHHS Design or other MHHS Artefacts, industry must...

1. Engage the Programme to raise a Programme CR
2. If the Programme CR is approved, the Programme will issue the implementation date
3. If the change to Design requires a change to Code, this will be managed through the Programme Code workstream



Code Change and Programme Change Process (Strawman)

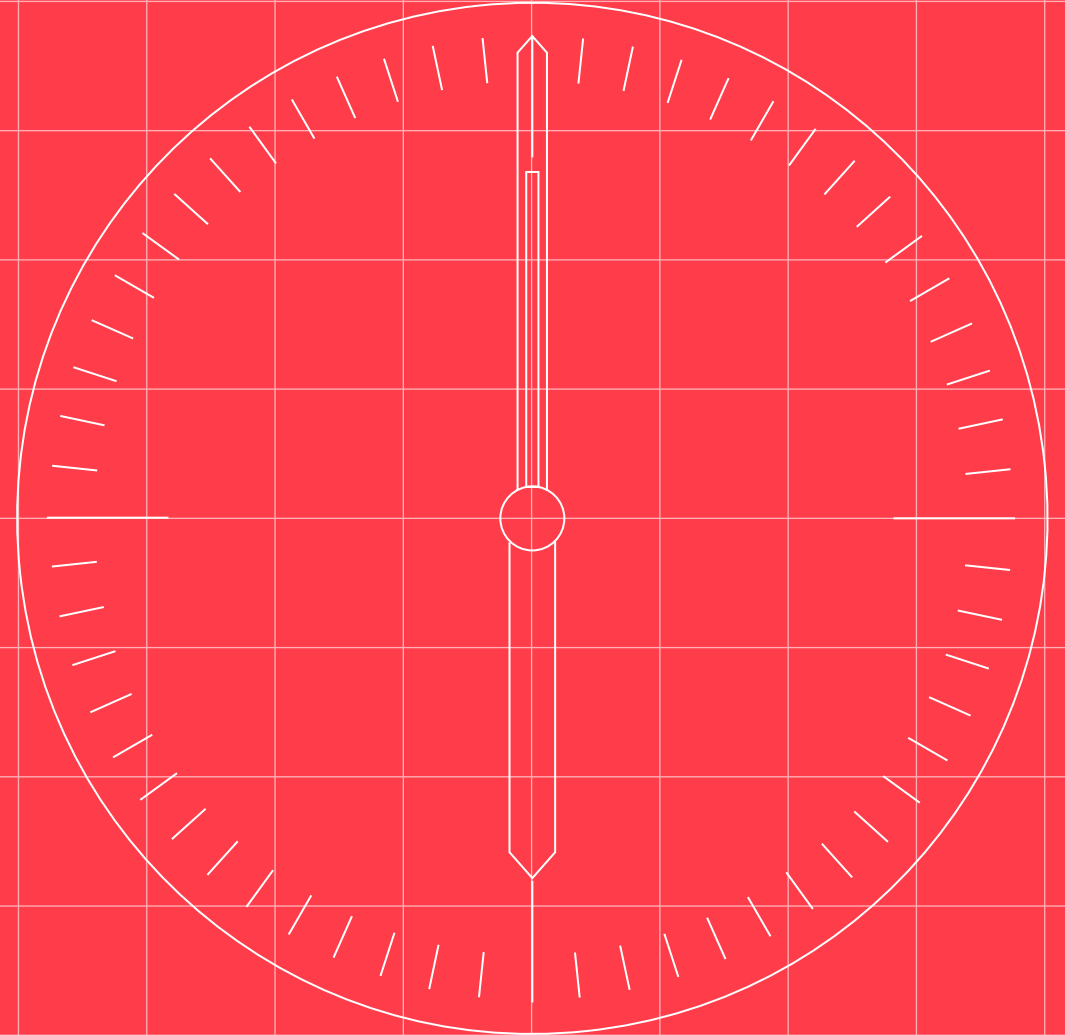


CCAG Reporting

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

Programme – Julian Woodland and Jason Brogden

10 mins



MHHS Programme – Code drafting progress update



Status Summary

- Code drafting re-plan is part of CR21 and the main replan activity
- Tranche 1 code artefacts have been updated following industry consultation
- Tranche 1 artefacts are at CDWG for discussion and final improvements
- Tranche 1 code artefacts are on target to be presented to CCAG on 24 May for recommendation
- Tranche 2 Registration consultation is on track for 31 May



May Deliverables

- Close tranche 1 triage process by resolving final comments
- Progress tranche 1 code artefacts from CDWG to CCAG for recommendation
- Continue code drafting of Registrations and BSC Central Services
- Host Tranche 2 consultation webinar to improve Participant engagement
- Embed additional quality assurance process to remove type/format errors



Risks

#	Risk or Issue	Mitigation Plan	RAG
R354	There is a risk that external code modifications or change proposals are raised that impact MHHS Programme	1) Monitor Horizon scanning in CCAG. The MHSP should make the decision on implementation within Programme timescales of any change that impacts MHHS Design. 2) Programme in discussion with Code Bodies and CCAG to set an optimum process for progressing external change that impacts MHSP to learn the lessons.	Medium Risk
R425	There is an issue that the design of the Performance Assurance Regime for the TOM will not be delivered in line with Ofgem's Transition Timetable and cannot be completed without a baselined design Elexon estimates it will be ready in September, whereas currently code drafting assumptions sit at August" There will be gaps in the information required to finalise the Performance Assurance Regime that could require in changes to the baselined design.	Converted back to a risk - aligning the Elexon delivery of PA framework w/2nd tranche of CC in plan Update 13/04/2023 - updated Code Drafting plan to reflect Elexon's changes due in September. AM to chase Elexon on date certainty.	Medium Risk
R355	There is a risk that Consequential Change solutions are not approved by responsible parties in advance of the associated Code Drafting topics being started	Monitoring Consequential Change delivery through the Consequential Change Log at CCIAG and escalate where necessary.	Medium Risk

Drafting Milestones	Target date*	Forecast date	Status
Data Services approved at CCAG	26/4/23	24/5/23	BSC
Metering Services approved at CCAG	26/4/23	24/5/23	REC
			BSC
Interfaces/Data Specification approved at CCAG	28/6/23	28/6/23	Amber
Registration approved at CCAG	28/6/23	28/6/23	Amber
Governance and Qualification approved at CCAG	23/8/23	23/8/23	Amber
BSC Central Services approved at CCAG	23/8/23	23/8/23	Amber
Consequential Change approved at CCAG	25/10/23	25/10/23	Amber
Transition Text approved at CCAG	25/10/23	25/10/23	Amber
Topic Area Mop Up approved at CCAG	24/1/24	24/1/24	Amber
Finalise and consistency check approved at CCAG	27/3/24	27/3/24	Amber
Code changes baselined (M6)	4/4/24	4/4/24	Amber
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 Replan CR

Regulatory (Code Drafting) – Update from Replan Implementation Approach v2.0 Key RAID Items

The replan reflects the latest agreed plan for Code drafting and included a snapshot of key RAID as below.
Impact Assessment

ID	Issue	Current Impact
I092	There is an issue that the Design has inconsistencies that result in issues in Code drafting that are difficult or unable to be resolved	Medium

ID	Risk	Potential Impact
R354	External Code modifications or change proposals are raised that impact MHHS Programme	Medium
R434	Programme Parties do not have sufficient resource to review Code output within consultation windows, particularly during Summer holiday period	Low
R355	Consequential Change solutions are not approved by responsible parties (as per the CCIAG log) in advance of the associated Code drafting topics being started	Medium
R454	Licence changes are found to be necessary later in the Programme	Medium
R455	SCR consultation process highlights issues that require resolution in the Programme	Medium

ID	Assumption	Assumption Uncertainty
A081	Any changes to the Design via the Programme's Change Control process and subsequent changes required to industry codes can be managed within timeframes in the Code draft plan	Medium
A085	Ofgem will be able to deliver all activity required for M7 (to enact SCR or SMAP powers) and then consult and make a decision to implement Code changes for the planned release date	Low
A142	Code Bodies can align Implementation Dates for Code changes to an extraordinary Release aligned with M10	Low
A082	Any MHHS-related Code changes required after MHHS Code changes are implemented (M8) will be managed by the relevant Code Bodies	Medium

ID	Dependency	Manage-able?
D023	M8 is dependent on Code Bodies implementing Code changes	Yes
D051	Code releases to deliver the MHHS Code changes are dependent on activation of the Significant Code Review, Smart Meters Act Powers or equivalent Ofgem direction	Yes
D052	Code drafting can only begin once all Design (including Migration and Transition) has been baselined and subsequent impact assessment of the design has been completed by Code Bodies	Yes

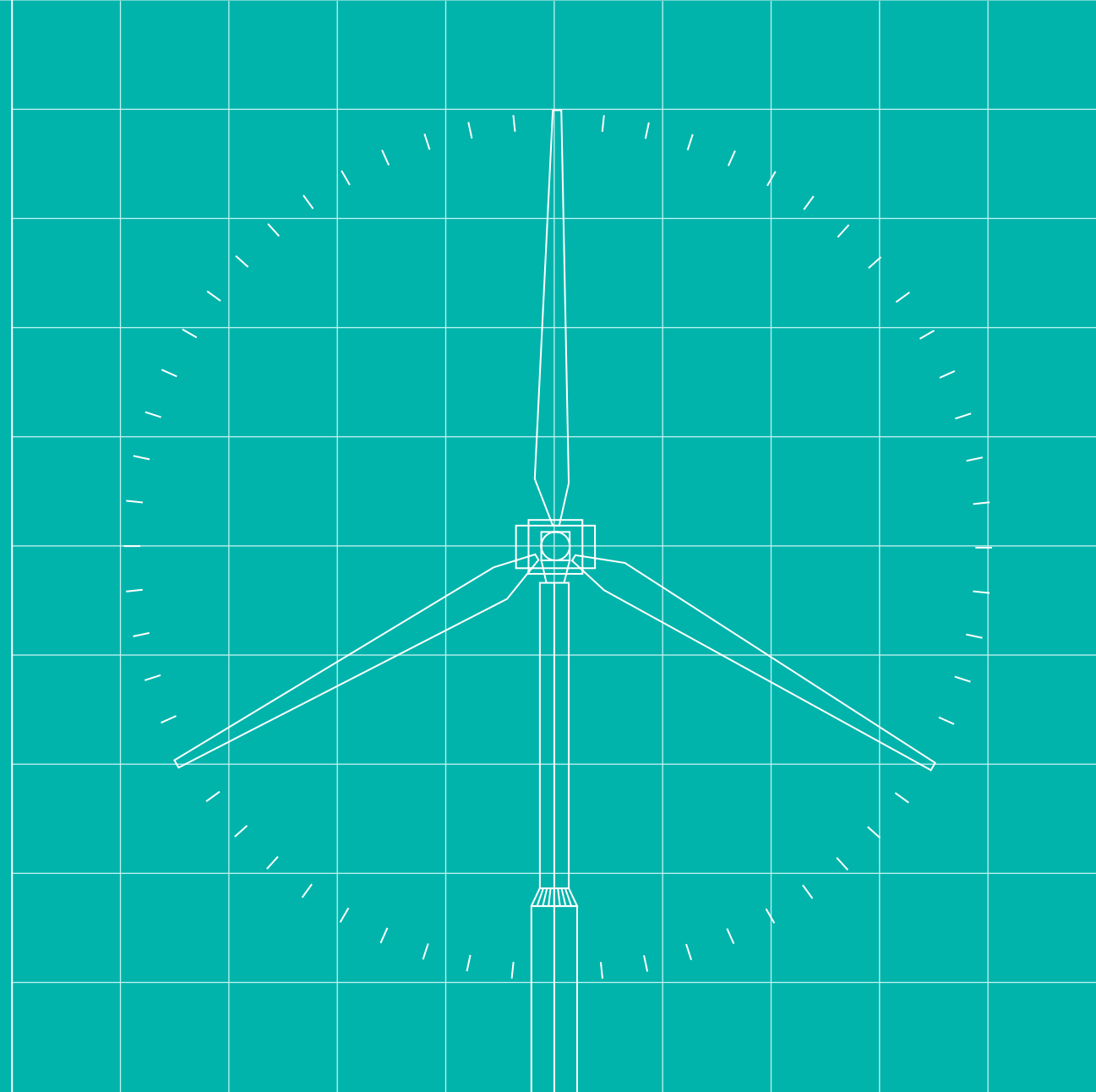
Please note all RAID items are relevant when the IA is published and are subject to regular change. All current RAID items can be seen in the dPMO.

CDWG Update

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

Programme – Andrew Margan & Julian Woodland

10 mins

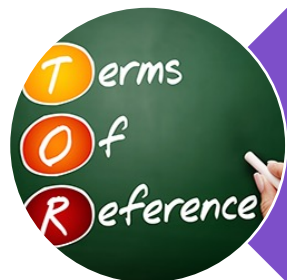




April CDWG update



May CDWG tasks



Upcoming agenda items

CDWG Discussion Topics April

- Consultation comments were processed and actioned by Code drafters
- Industry are raising additional comments and seeking clarifications to action taken
- Later Tranche 2 approaches and updates shared with industry



CDWG Key May tasks

- Resolve any final comments related to Code Drafting Tranche 1
- Progress Data Services and Meter Services Code Artefacts to CCAG
- Progress Tranche 2 Code Artefacts

Code Consultation Update

CCAG Related Steps – Heads up for May's meeting

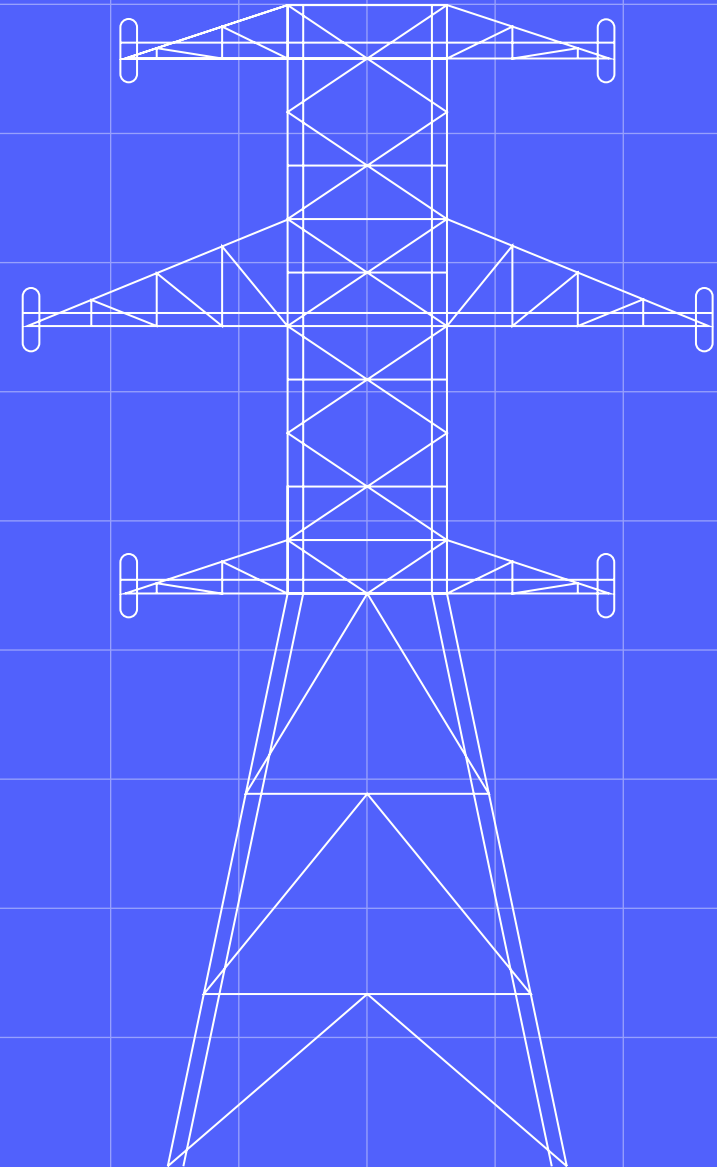
1. By 9 May CDWG will be requested to send to CCAG the Code Artefacts for recommendation
2. **CCAG recommended Code Artefacts will remain 'live documents'** which means they are not baselined until M6 final approval
3. The Code Artefacts remain in the public domain at all times for transparency and customer reference
4. Any contentious areas can be ring fenced, tracked and picked up through the mop-up process (to avoid delaying a whole tranche)
5. There are no plans for 'repeat' consultations, although the mop-up and finalisation/consistency tranches provide for consultations
6. Before M6 any changes to Design (through a CR) will need to be reflected in the Code Artefacts

Summary and Next Steps

INFORMATION: Summarise meeting actions and next steps

Chair & Secretariat

5 mins

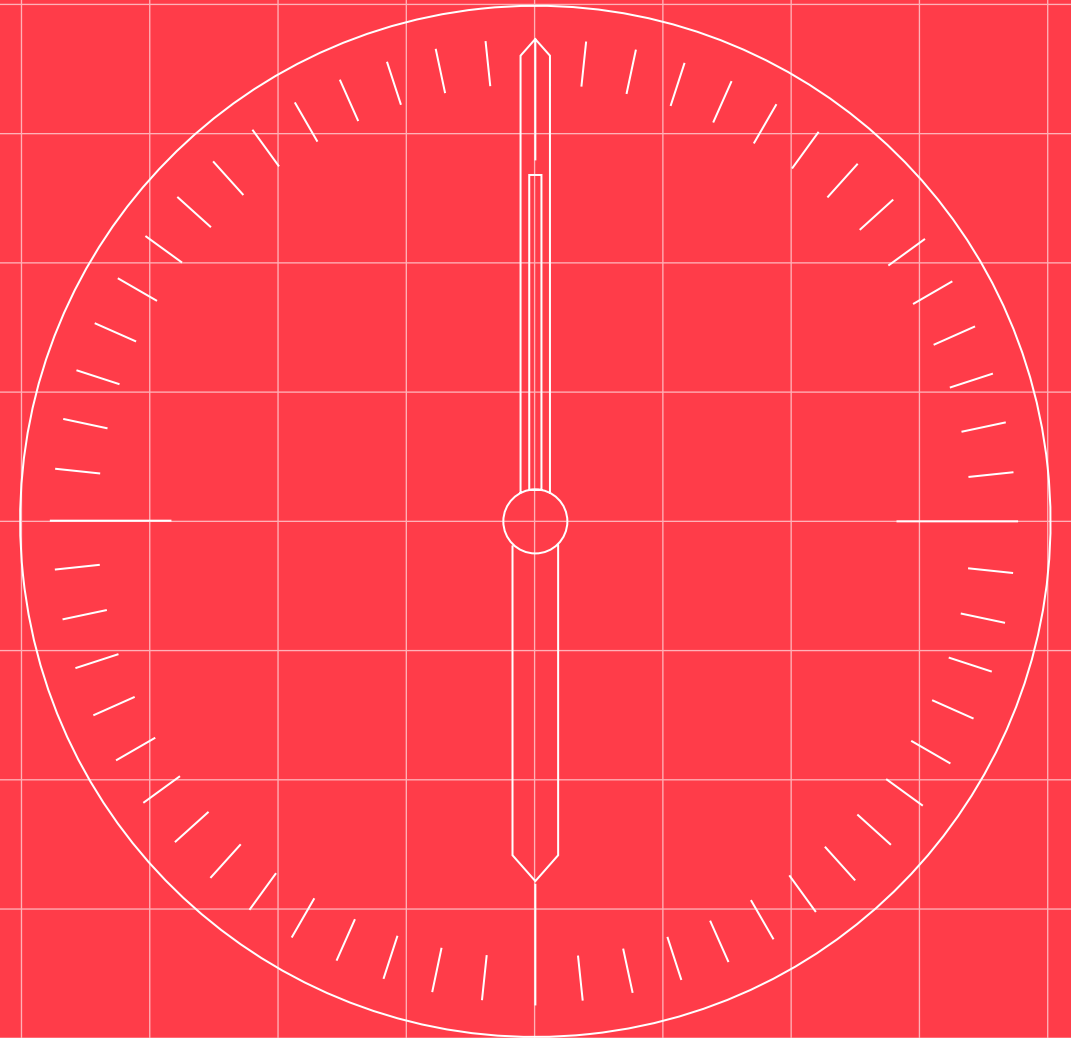


Next steps

- Secretariat to confirm actions and decisions from meeting
- Next CCAG meeting **24 May 2023 at 10:00am**
- Next CDWG1 meeting **09 May 2023 at 10:00am**
- Next CDWG2 meeting **16 May 2023 at 10:00am**

Meeting dates	24 May	28 June	26 July
Relevant milestones or activities	Tranche 1 code drafting recommendation/approval requested		
Agenda items	<ul style="list-style-type: none"> •Tranche 1 Code Drafting •Preparing for Registration consultation 	<ul style="list-style-type: none"> •Updates on the Tranche 2 Code drafting •Updates on Code Drafting Process •Preparation/updates for BSC Central Services consultation 	Updates to Registration consultation Preparation for Tranche 3 code drafting – Interfaces, Qualification, Migration
Standing items	<ul style="list-style-type: none"> •Headline report and actions •Programme updates •Horizon Scanning Log •CCAG Reporting •CDWG Updates •Next steps 	<ul style="list-style-type: none"> •Headline report and actions •Programme updates •Horizon Scanning Log •CCAG Reporting •CDWG Updates •Next steps 	<ul style="list-style-type: none"> •Headline report and actions •Programme updates •Horizon Scanning Log •CCAG Reporting •CDWG Updates •Next steps

Appendix



Appendix 1 – DRAFT Code Drafting Plan

Key:

	Industry Consultation		CCAG
	CDWG		Consequential code change consultation

