



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

Design Advisory Group #34

13 March 2024

Version 1.1

MHHS-DEL2354

Document Classification: Public

Agenda (1/2)

#	Item	Objective	Type	Lead	Time	Page
1	Welcome	Introduction to meeting and member apologies	Information	Chair	10:00-10:05 5 mins	1
2	Minutes and Actions	Approval of headline report and review of actions	Decision	Secretariat	10:05-10:25 20 mins	4
3	Interface Code of Connections	Decision on approval of updates to the Interface Code of Connections and DIP/PKI Certificate Profiles following assurance by the SDWG	Decision	Programme	10:25-10:30 10 mins	7
4	CR043 Decision	Decision on approval of Change Request	Decision	Chair, Programme (PMO) & Elexon (Mike Ceney)	10:30-10:45 15 mins	10
5	CR044 Impact Assessment	Decision on issuing Change Request for Impact Assessment	Decision	Programme (PMO)	10:45-11:05 20 mins	16
6	CR045 Impact Assessment	Decision on issuing Change Request for Impact Assessment	Decision	Programme (PMO)	11:05-11:25 20 mins	18
7	CR046 Impact Assessment	Decision on issuing Change Request for Impact Assessment	Decision	Programme (PMO)	11:25-11:45 20 mins	20
8	Design Updates	Updates on Design Issue Notifications (DINs) and other design related matters	Information	Programme (Paul Pettitt)	11:45-11:55 10 mins	22
9	Top Programme Risks related to DAG	Overview of Programme Risks related to DAG	Information	Programme (PMO)	11:55-12:05 5 mins	24
10	Upcoming Programme Milestones related to DAG	Overview of upcoming Programme Milestones related to DAG	Information	Programme (PMO)	12:05-12:10 5 mins	26
11	Programme Updates	Updates from other MHHS governance groups and wider Programme updates	Information	Programme (PMO)	12:10-12:20 10 mins	28

Agenda (1/2)

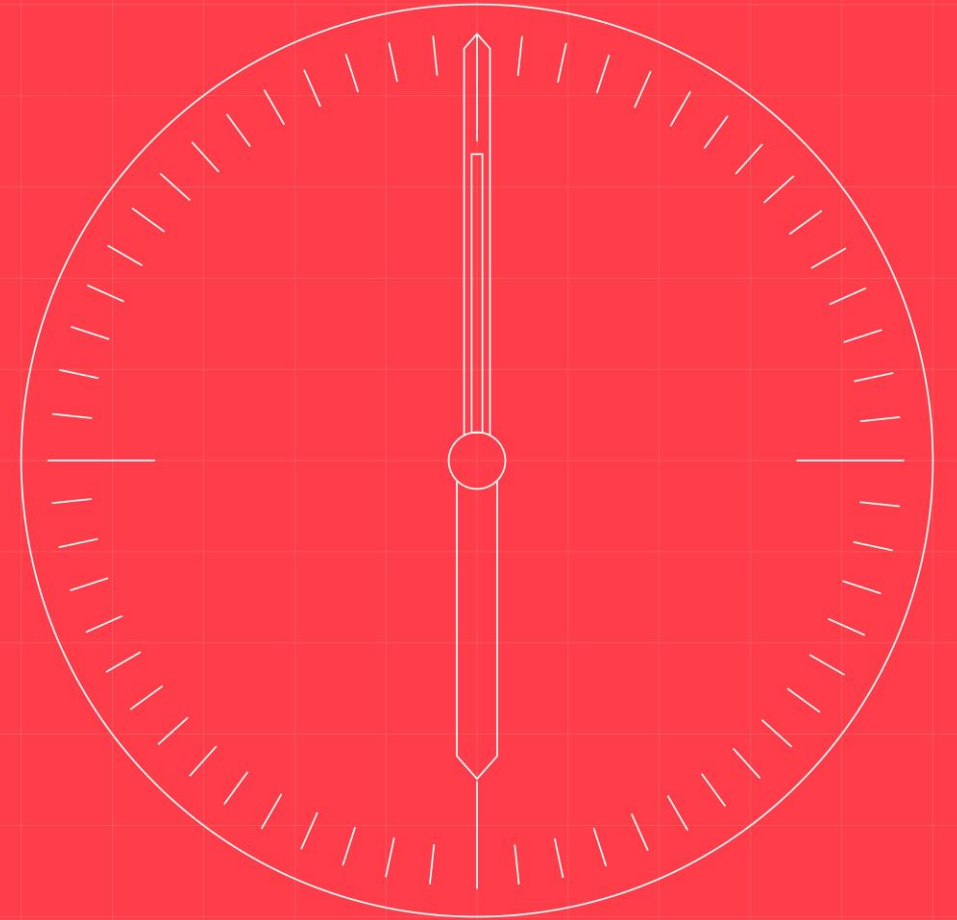
#	Item	Objective	Type	Lead	Time	Page
12	Summary and Next Steps	Summarise key discussions, actions, and next steps	Information	Chair & Secretariat	12:20-12:30 10 mins	30
	Attachments	Attachment 1 – Interface Code of Connections v1.4 (DRAFT) Attachment 2 – DIP/PKI Certificate Profiles v1.1 (DRAFT) Attachment 3 – CR043 Supplier Registration of ABMU and MPAN Mapping v1.1 Attachment 4 – CR044 - Data Refresh Message IF-051 v1.0 Attachment 5 – CR045 - Registration Service SSD Fix Tool v1.0 Attachment 6 – CR046 - Enabling Metering Point Energy Flow to be changed more than once v1.0				

Minutes and Actions

DECISION: Approval of minutes and review of actions

Secretariat

20 mins



Minutes and Actions Review (1 of 2)

1. Approval of Headline Report of DAG held [14 February 2024](#) (**DECISION [94]**) .
2. Review outstanding actions:

Ref	Action	Owner	Due	Latest update
DAG31-05	Programme to consider how Change Raiser and Programme responses to Impact Assessment (IA) comments can be provided as part of the IA outputs	Programme (PMO)	10/01/2024	ONGOING: The Programme has undertaken a review of the current Change Control process and a formal update provided to the PSG on 06 March 2024. The Programme have reviewed the IPA's findings on the CR036 appeal and incorporated recommendations into the updates provided to PSG. Further updates to be provided in meeting.
DAG31-08	Programme to urgently clarify potential implications of CR036 approval on SIT Functional Cycle 1 testing and raise for discussion at SIT Working Group, with an update to be provided at the January 2024 DAG	Programme (Lee Cox)	10/01/2024	ONGOING: CR036 and its implications for SIT Functional (SIT F) Cycle 1 had been raised at the SIT Working Group (SITWG). No specific issues were raised by SITWG attendees. The implications on agent appointments were communicated via Programme comms on 17/01/2024, which the Programme will issue to DAG members (see ACTION DAG33-03).
DAG31-11	Programme to provide clarity to participants on how the deferral of implementation of CR024 and CR025 should be managed	Programme (Testing Team)	10/01/2024	RECOMMEND CLOSED: See also ACTION DAG31-12. Participants are to build to IR7, which incorporates two elements of CR024 which change data item field names.
DAG31-12	CCAG Chair to ensure any actions required for code drafting in relation to the deferral of CR024 and CR025 are undertaken	Programme (CCAG Chair)	10/01/2024	RECOMMEND CLOSED: CCAG have directed the relevant changes be made to code drafting to reflect CR024 and CR025 and these will be included in drafting tranche 'Mop Up 2'.
DAG32-02	Programme to consider whether briefing sessions could be provided for participants on new Programme Change Requests to enable questions to be raised which support participant Impact Assessment	Programme (PMO)	14/02/2024	ONGOING: The Programme is undertaking a review of the current Change Control process to ensure greater engagement from Change Raisers and Programme Participants. A formal update will be provided to DAG in March 2024.
DAG32-04	Programme testing team to confirm St Clements can meet CR036 implementation approach agreed by DAG and what steps will be take should there be issues	Programme (Lee Cox)	14/02/2024	ONGOING: The Programme confirmed that St Clements will have MPRS ready to test CR036 at the start of SIT Functional Cycle 2. Risk 779 has been raised to reflect the agreed risk that St Clements Services may not be test-ready at this stage.

Minutes and Actions Review (2 of 2)

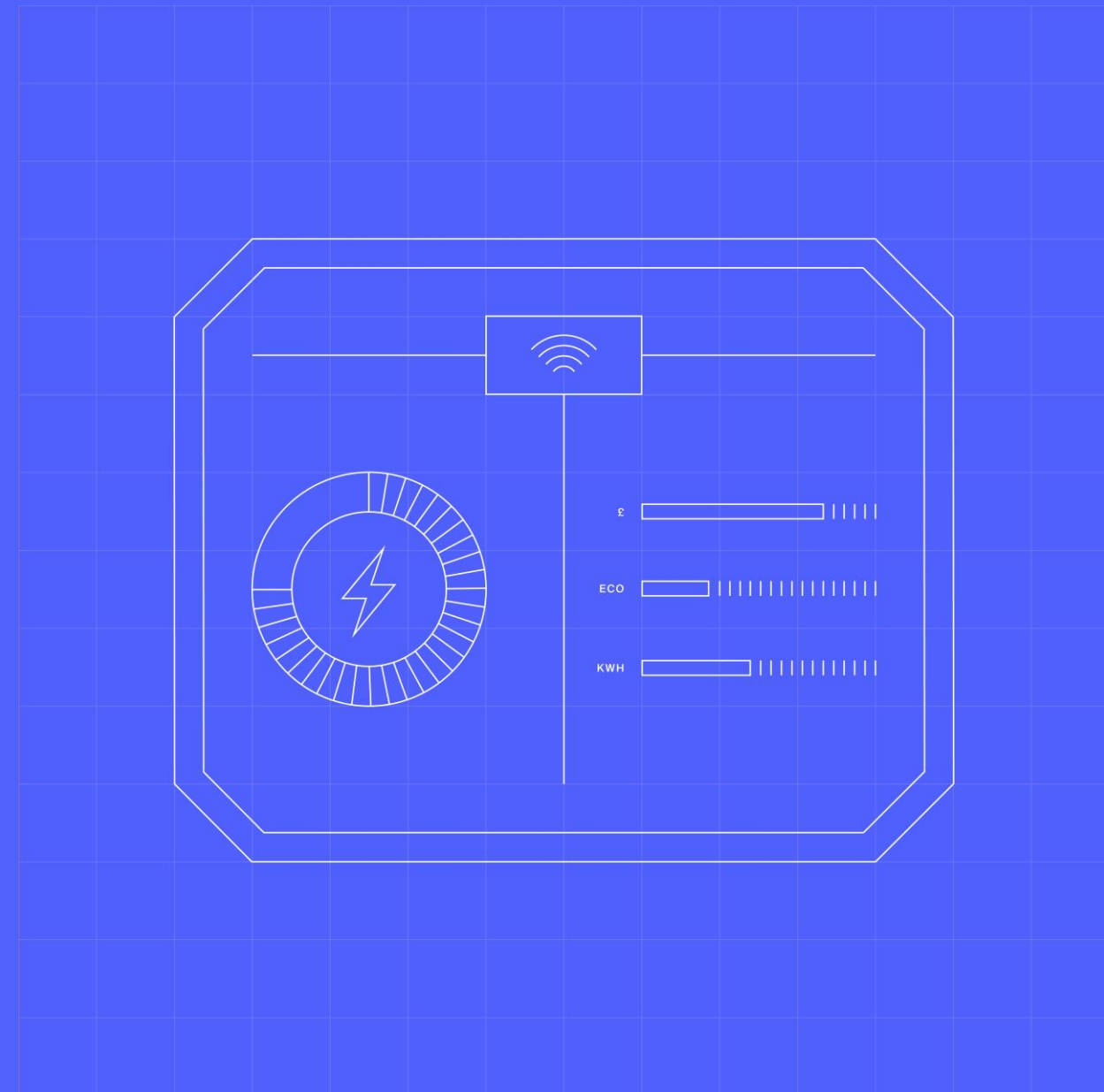
Ref	Action	Owner	Due	Latest update
DAG33-01	Programme to clarify whether design principles still apply in previous meeting minutes	Programme (Paul Pettit)	06/03/2024	RECOMMEND CLOSE: The Design Principles followed in the drafting of the E2E Design were those presented at the March DAG 2022 and were subsequently tabled in DAG meetings for review through to September 2022. The design was signed off based on these principles in October 2022.
DAG33-02	Identify items from CR024 & CR025 to be proposed to be brought forward	Large Supplier Representative (Craig Handford)	28/02/2024	RECOMMEND CLOSED: Update to be provided in meeting.
DAG33-03	Programme to issue comms shared on 17/01/2024 covering implications of CR036 on Testing with DAG members	Programme (PMO)	15/02/2024	RECOMMEND CLOSED: Communication shared with DAG
DAG33-04	Programme to confirm impacts of CR039 on Testing	Programme (Lee Cox)	21/02/2024	ONGOING: Update to be provided in meeting.
DAG33-05	Programme to consider scoping out a review of the impact of adjusting NFRs on the MHHS TOM process	Programme (Paul Pettit)	06/03/2024	RECOMMEND CLOSED: The Programme is reviewing the detail of the NFRs and volumetrics in preparation for Non-functional testing, whilst we are not looking to change any Non-Functional Requirement, we will consider any clarifications around the published NFRs.
DAG32-06	Programme to provide further detail on the change freeze criteria and how change requests are progressed into normal BSC/REC/SEC BAU	Programme (PMO)	06/03/2024	ONGOING: Update to be provided in meeting.
DAG33-07	Amendments to be made to CR043 before it is submitted to IA – confirmation of when rerouting should happen during Migration and clarity of target implementation in IR8	Elexon Change Raiser (Mike Ceney)	16/02/2024	RECOMMEND CLOSED: Updates applied to CR, and CR issued for Impact Assessment. Decision on approval to be taken under agenda item 4
DAG33-08	To confirm in CR form that alternate options have been discounted and are not for consideration as part of IA	Elexon Change Raiser (Mike Ceney)	15/02/2024	RECOMMEND CLOSED: Updates applied to CR, and CR issued for Impact Assessment. Decision on approval to be taken under agenda item 4
DAG33-09	Programme to issue CR043 for IA following Change Raiser amendments	Programme (PMO)	16/02/2024	RECOMMEND CLOSED: CR issued to Impact Assessment and decision on approval to be taken under agenda item 4

Interface Code of Connections

DECISION: Decision on approval of updates to the Interface Code of Connections and DIP/PKI Certificate Profiles following assurance by the SDWG

Programme (PMO)

10 mins



Objectives:

1. Provide brief overview of:
 - a) Proposed updates to Interface Code of Connections (CoCo) and DIP PKI Certificate Profiles
 - b) Security Design Working Group (SDWG) Assurance Forum
 - c) DAG provide recommendation to SRO on whether updated artefacts should be approved for publication

1a) Proposed updates to CoCo and DIP PKI Certificate Profiles

CoCo Areas of Update (see Attachments 2 & 3)

Section 6.1.3 – Certificate revocation

Section 8.4 – Signing Messages

Section 8.5 – Verifying Signatures

Section 8.6 – Signature Key Generation and Certificate Signing Requests (CSRs)

1b) SDWG Assurance Forum

- Held 01 March 2024 – 46 attendees – Headline Report available [here](#)*
- One clarification comment raised – no changes to redlined draft artefacts
- One action to ensure onboarding process reflects updated CoCo

*NOTE: SDWG is a restricted group. If you would like to request access to the SDWG area of the Programme Collaboration Base, please contact PMO@mhhsprogramme.co.uk

Decision

The DAG are requested to advise the SRO on whether the updated CoCo (see Attachment 2) and DIP PKI Certificate Profiles (see Attachment 3) should be approved:

DECISION [95]

SRO to approve/reject proposed updates to the CoCo and DIP PKI Certificate Profiles

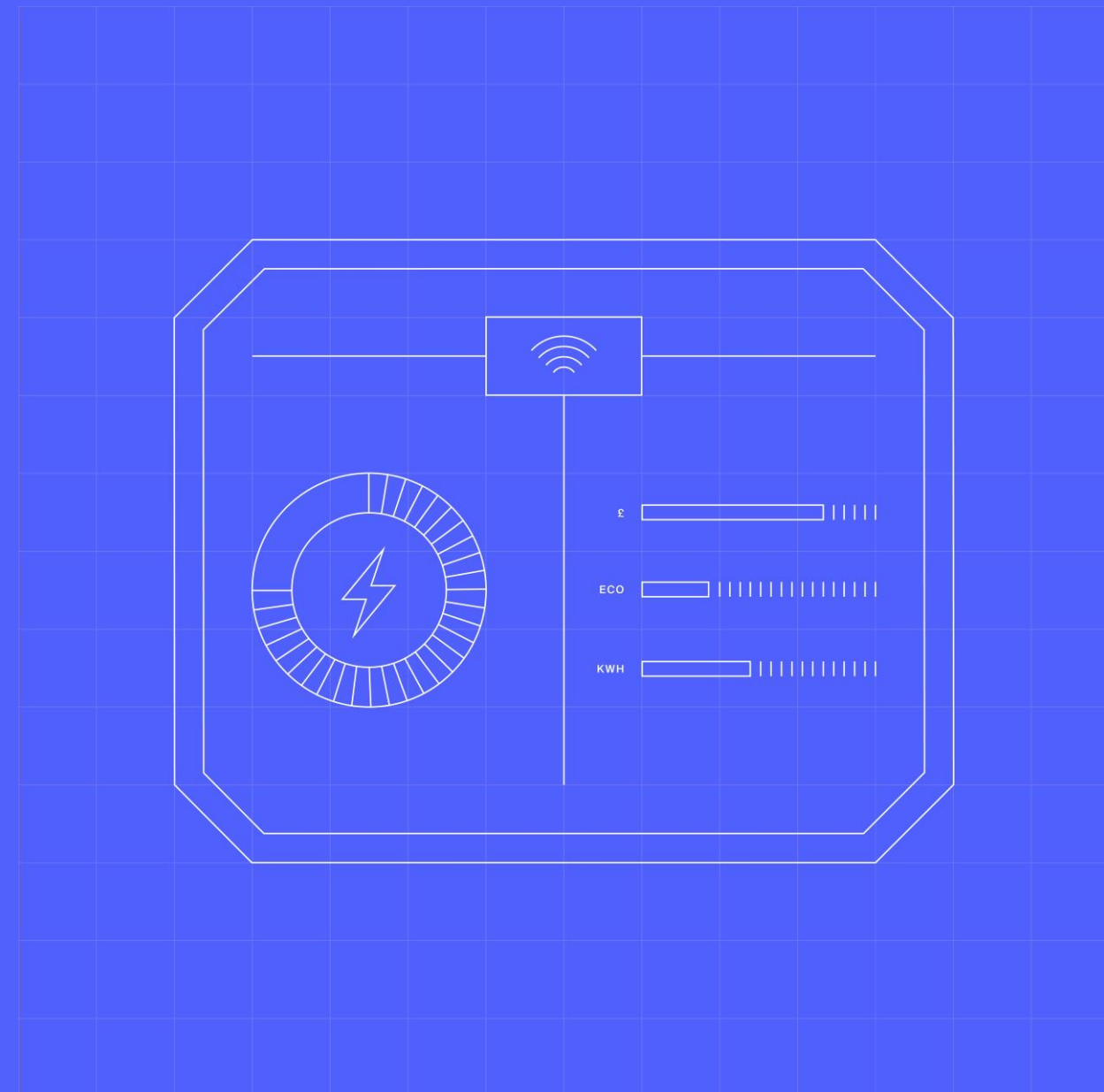
Confirmation of next steps will be provided following the decision

CR043 Decision

DECISION: Decision on approval of Change Request
CR043: *Supplier Registration of ABMU and MPAN
Mapping*

Chair & Programme (PMO)

20 mins



Objective:

DAG to review the outputs of the issued CR043 Impact Assessments and advise SRO on their decision to approve or reject the Change Request.

Headlines:

- Overall: **12 respondents supported the change; 0 respondents rejected the change; and 4 respondents abstained.**
 - The majority of support came from I&C Suppliers.
- **Those who supported the implementation of the Change Request did so on the following basis:**
 - If the change is not approved, there would be a commercial impact on suppliers and their customers.
 - The change closes an important gap in the requirements and ensures continuity of customer experience for those customers with MPANs in ABMUs.
 - A number of parties which are not directly impacted by the change support its implementation, as they recognise the importance of the impact on settlement.
- **Further comments:**
 - The Programme are supportive of the change during the Change Freeze, as it is recognised that the change fixes an oversight in the MHHS design.
- **Implementation:**
 - If approved, the change would be published in IR8 (April 2024). The testing schedule would be developed once an approval decision is made.

CR043 – Submitted Impact Assessments

Programme Parties	CR043 Recommendations			
	Yes	No	Abstain	No Reply
Large Suppliers	1	-	-	4
Medium Suppliers	1	-	-	6
Small Suppliers	-	-	-	33
I&C	6	-	-	35
DNOs	1	-	1	4
iDNOs	-	-	-	13
Ind. Agents	-	-	-	47
Supplier Agents	-	-	-	7
S/W Providers	-	-	-	25
REC Code Manager	-	-	1	-
National Grid ESO	1	-	-	-
Consumer	-	-	-	1
Elexon (Helix)	1	-	-	-
DCC	-	-	1	-
SRO / IM & LDP	1	-	-	-
IPA	-	-	1	-
Avanade	-	-	-	1
Totals	12	0	4	176

Market Share			
Yes	No	Abstain	No Reply
17%	-	-	83%
10%	-	-	90%
-	-	-	100%
68%	-	-	32%

Market Share information is according to the latest Meter Point Administration Number (MPAN) data held by the Programme as of August 2023. Market Share has not been provided for constituencies where MPAN data is not currently available.

Notes:

The classification of Independent and Supplier Agents is maintained by the Programme Party Coordinator and is subject to change.

Rationale for being marked down as abstained:

- The DCC, UKPN, RECCo and IPA abstained from providing a recommendation as the change will not impact them.

CR043 Impacts – Views on the proposed approach (Page 1)

Programme Parties	Range of respondents' views on benefits and concerns (related to the approach in CR043)
Large Suppliers	<ul style="list-style-type: none"> + The one responding Large Supplier supported the implementation of Change Request. + If not addressed, there would be a commercial impact on suppliers - the AMBU/MPAN mapping process is currently used to enable customers to access the balancing mechanism revenue streams, and it is expected that the number of customers will increase in the future. + The change needs to be implemented before M10. If not, it would not be possible to register any new AMBU/MPAN mappings for any MHHS migrated MPANs, which would have a material commercial impact upon large suppliers and their customers, as supplier provide flexibility through this mechanism.
Medium Suppliers	<ul style="list-style-type: none"> + The one responding Medium Supplier supported the implementation of the Change Request. <p>Clarity was requested on the following “During the Migration phase, the supplier will need to identify if the MPAN has been migrated to the new settlement regime and route the flow accordingly” - Does this imply MHHS qualified suppliers will need to send D0297 during migration for all MPANs, or is it only for MPANs with a specific criteria? The Programme notes that the statement should read: "During Transition, the supplier will need to identify if the MPAN has been migrated to the new settlement regime and route the flow accordingly". The supplier will have to be cognisant of whether an MPAN is on legacy or MHHS Settlement. If it's still on legacy then they will need to send any D0297s to the DCs, if it has been migrated to MHHS then the D0297 will need to be sent to MDS instead.</p>
Small Suppliers	<i>Did not respond.</i>
I&C	<ul style="list-style-type: none"> + The six responding I&C Suppliers supported the implementation of the Change Request. + AMBUs are utilised to ringfence customer MPANs with required contractual parameters. Inability to allocate MPANs to the correct AMBU impacts settlement and contractual customer service delivery. + It is important that the change is implemented, as whilst a relatively small number of MPANs are affected, they are part of high value commercial agreements. + The change closes an important gap in the requirements and ensures continuity of customer experience for those customers with MPANs in ABMUs. + The main consumer benefits derives from the process occurring between supplier & MDS, rather than between supplier & HHDA. The proposal removes potential for error to arise in supplier processes, as MDS is a central function.
DNOs	<ul style="list-style-type: none"> + One of the two responding DNOs supported the implementation of the Change Request. + They noted that the change does not impact them, but that they are supportive of the correct units being applied to settlements. <ul style="list-style-type: none"> • One DNO abstained from providing a recommendation as they are not impacted by the change, but noted the importance of the change to the upstream settlement process.
iDNOs	<i>Did not respond.</i>
Agents	<i>Did not respond.</i>
S/W Providers	<i>Did not respond.</i>

CR043 Impacts – Views on the proposed approach (Page 2)

Programme Parties	Range of respondents' views on benefits and concerns (related to the approach in CR043)
REC Code Manager	<ul style="list-style-type: none"> • RECCo abstained from providing a recommendation as the change does not impact them.
National Grid ESO	<ul style="list-style-type: none"> + ESO are supportive of the implementation of the Change Request. + Although the ESO is not materially impacted by this change, they recognise the overall benefits to industry in delivering the change.
Consumer	<i>Did not respond.</i>
Elexon (Helix)	<ul style="list-style-type: none"> + As the Change Raiser, Helix are supportive of the implementation of the Change Request.
SRO / IM & LDP	<ul style="list-style-type: none"> + The Programme are supportive of the implementation of the Change Request. + The Change Request meets the requirements of the Change Freeze as it fixes an oversight in the MHHS design. • If approved, the design workstream will need to pull together requirements to redirect flows and validate. • There will be an impact on specific AMBU test scenarios, which will be largely new tests. • Implementation in IR8 could risk extending settlement testing beyond SIT Functional Cycle 2, which has the potential to create a planning clash within the test environment. The testing workstream will await an approval decision to assess the full impact of the change on testing requirements. • <i>If approved, the change would be published in IR8 (April 2024). The testing schedule would need to be developed once an approval decision is made.</i>
IPA	<ul style="list-style-type: none"> • The IPA abstained from providing a recommendation as the change does not impact their activities.
Avanade	<i>Did not respond.</i>

DAG Decision on CR043 'Supplier Registration of ABMU and MPAN Mapping'

The DAG are requested to advise the SRO on whether CR043 should be approved:

DECISION [96]	SRO to approve/reject CR043 and associated implementation approach
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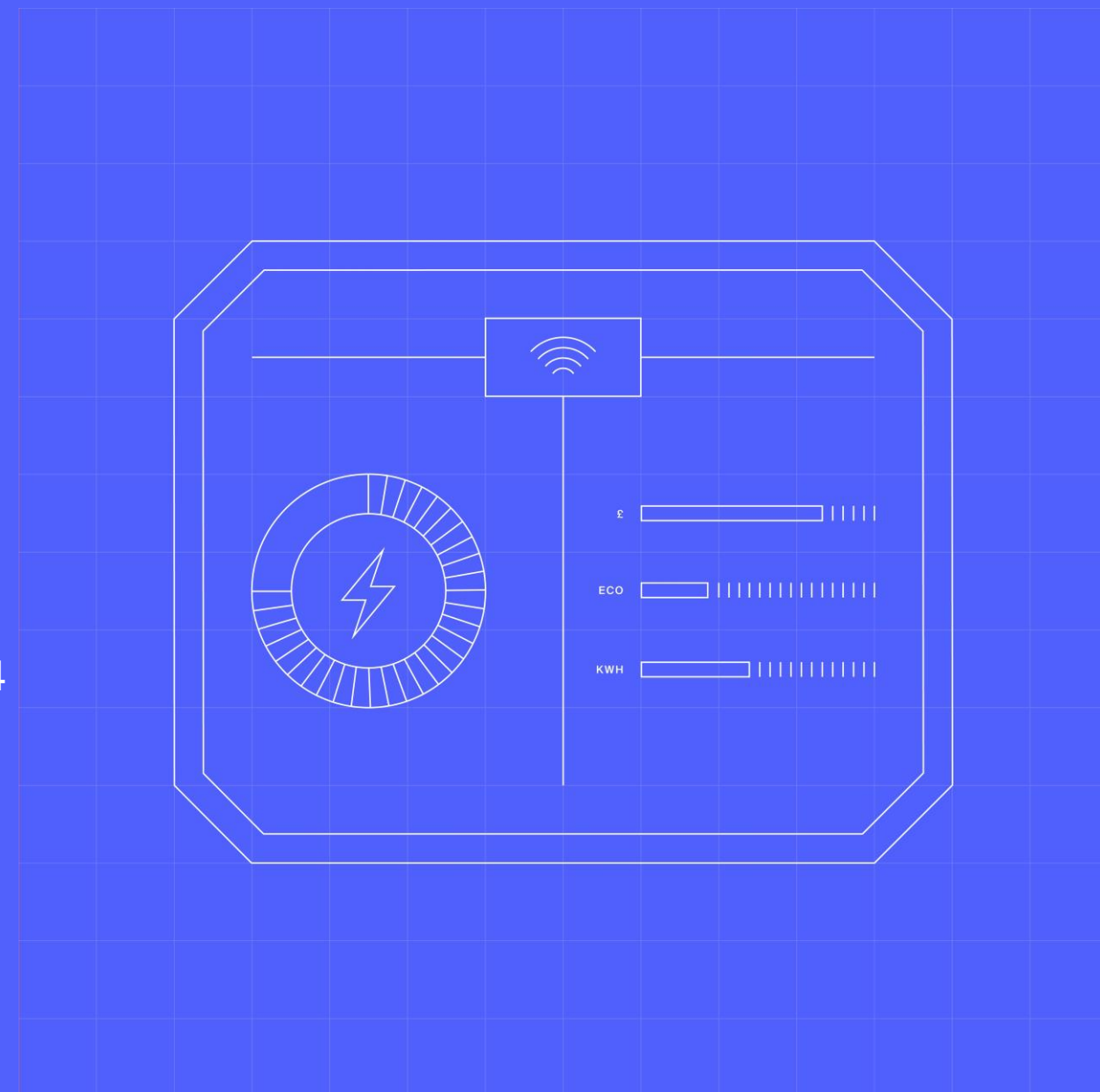
Confirmation of next steps will be provided following the decision

CR044 Impact Assessment

DECISION: Decision on issuing Change Request CR044 'Implementation of 'Data Refresh' Message IF-051' for Impact Assessment

Programme (PMO)

20 mins



CR044 'Implementation of 'Data Refresh' Message IF-051' Overview

Objective: DAG to validate CR044 and agree on next steps

Implementation of 'Data Refresh' Message IF-051

Issue Statement:

- Following the significant CSS P1 incident experienced in summer 2023, the MMHS Design Team, St Clements and RECCo agreed that a formalised 'data refresh' mechanism should be defined and documented as part of the MHHS design. This is so that, in the event that an outage, defect, or other incident resulted in the misalignment of data between central parties, a 'pre-designed and agreed' mechanism could be quickly deployed in order to realign any mismatched data and speed the restoration of normal operations.
- This issue has been discussed at the DRG, where feedback on a solution was sought.

Description of Change:

- Creation of a new MHHS interface message "IF-051-Data Refresh", which would provide a refresh of the data held by Registration Service, as required, to the EES, DIP and/or MDS.
- MHHS Design Team would also update the "DIP-050 Secondary Routing" document, to document how the DIP should process the IF-051 message.
- EES & MDS would need to make updates to their own documentation & solutions based on guidance provided alongside the IF-051 message definition.

Target Date of Change and Next Steps:

- A decision on whether to progress this Change Request should be reached as quickly as possible. However, further discussions would be required between the Programme & impacted participants on the proposed implementation timescale.
- If the DAG believes the Change Request is valid, it should be submitted for a 10-working day industry impact assessment, and should be returned for an approval decision at April DAG.

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Change Request Form

Change Request details

Change Request details	
Change Request Title	Implementation of 'Data Refresh' Message IF-051
Change Request Number	CR044
Originating Advisory / Working Group	DAG
Risk/issue reference	
Change Raiser	Sean Cooper, MHHS Programme
Date raised:	14/02/24

For further guidance on how to complete this document please see the supporting Change Request Form Guidance for Programme Participants. The guidance will support raising a change and responding to a change request via Impact Assessment. The Change Raiser should consider sharing the draft Change Request Form with impacted programme parties, prior to submission to PMO. The guidance, as well as other key documents are referenced below and can be found via the MHHS website.

Change Request to be read in conjunction with:

MHHS Change Request Form Guidance for Programme Participants
MHHS Change Control Approach
MHHS Governance Framework
Ofgem's MHHS Transition Timetable

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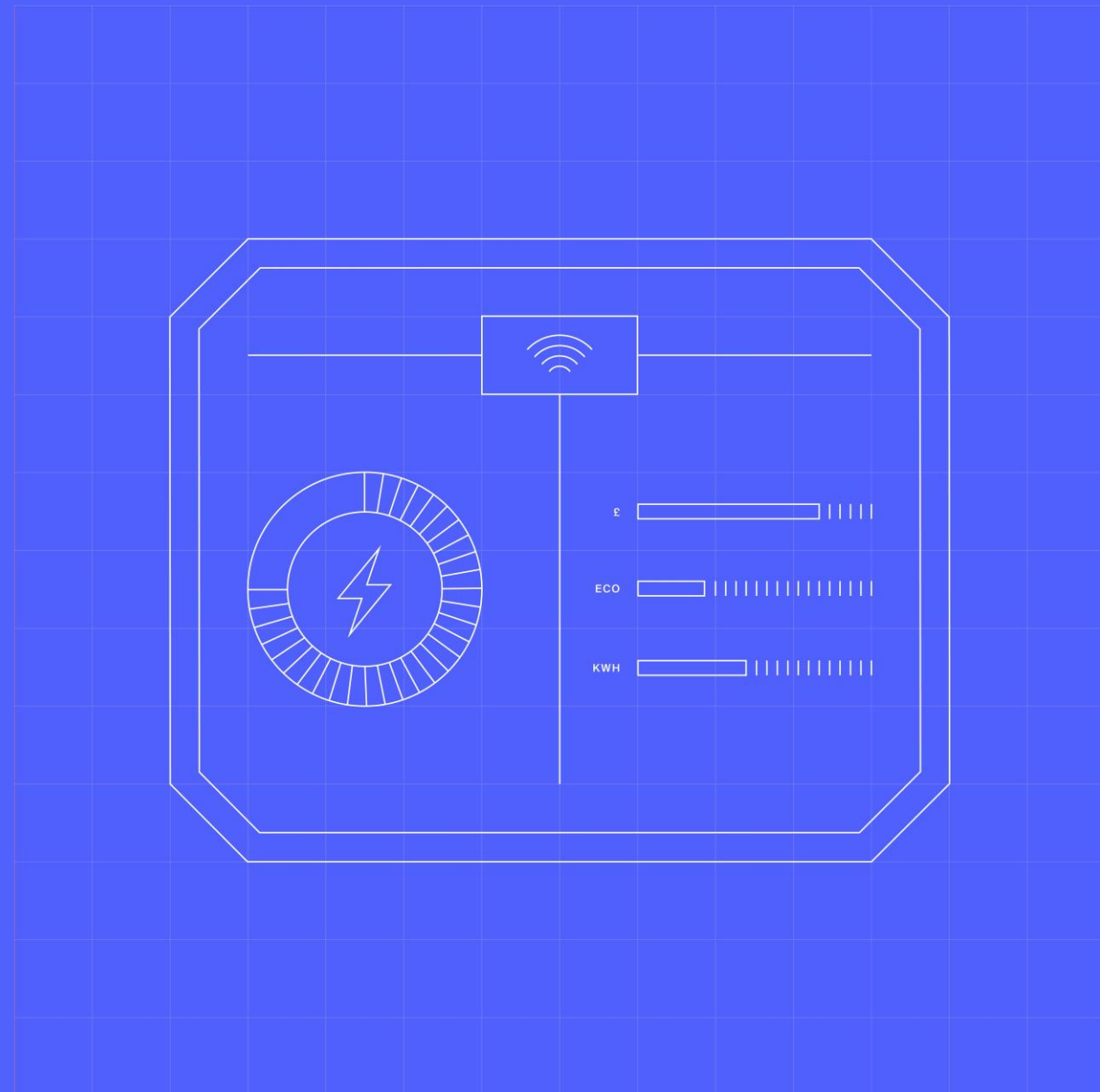
MHHS-DEL2284 CR044 Draft

CR045 Impact Assessment

DECISION: Decision on issuing Change Request CR045 'Supply Start Date (SSD) Correction Tool' for Impact Assessment

Programme (PMO)

20 mins



CR045 'Supply Start Date (SSD) Correction Tool' Overview

Objective: DAG to validate CR045 and agree on next steps

Supply Start Date (SSD) Correction Tool

Issue Statement:

- There are a number of known issues with CSS/ MPRS interactions which leads to data, principally Supply Start Date (SSD), being set incorrectly in the Registration Service.
- Currently LDSO Registration Service Super Users have access to a tool that allows the changing of Supplier Start / End Dates and issues a D0204 flow to inform participants of the changes. However, this existing Super User Tool will cease to work for sites following migration to the MHHS Settlement Regime.
- This issue has been discussed at the DRG, where feedback on a solution was sought.

Description of Change:

- The Registration Service would provide a “LDSO Registration Service Super User” function which allowed for the following amendments:
 - Insertion of a ‘missed’ switch (i.e. retrospective notification of switch)
 - Annulment of an ‘invalid’ switch (i.e. removal of a switch which should not have occurred)
- Registration Service would limit any updates to ensure changes were not back-dated beyond the previous Supplier’s SSD or the Settlement Cut Off Date, which ever was most recent. Suggested interface changes would be as follows:
 - IF-037 ~ Addition of a new De-Appointment Reason code of “SSDFIX”
 - IF-001 ~ Creation of a new Event Code “SwitchAnnulled”
 - IF-001 ~ Creation of a new Event Code “SwitchRestored”

Target Date of Change and Next Steps:

- The change is required before Migration start.
- If the DAG believes the Change Request is valid, it should be submitted for a 10-working day industry impact assessment, and should be returned for an approval decision at April DAG.

The screenshot shows a 'Change Request Form' for CR045. It includes a table with the following details:

Change Request details			
Change Request Title	Supply Start Date (SSD) Correction Tool		
Change Request Number	CR045		
Originating Advisory / Working Group	DAG		
Risk/issue reference	MHHS-DIN-48 and Risk re CSS Defects (R569)		
Change Raiser	Sean Cooper, MHHS Programme, on behalf of St Clements Services	Date raised:	14/02/24

Below the table, there is a section titled 'Change Request to be read in conjunction with:' which lists several documents: MHHS Change Request Form Guidance for Programme Participants, MHHS Change Control Approach, MHHS Governance Framework, and Ofgem's MHHS Transition Timetable.

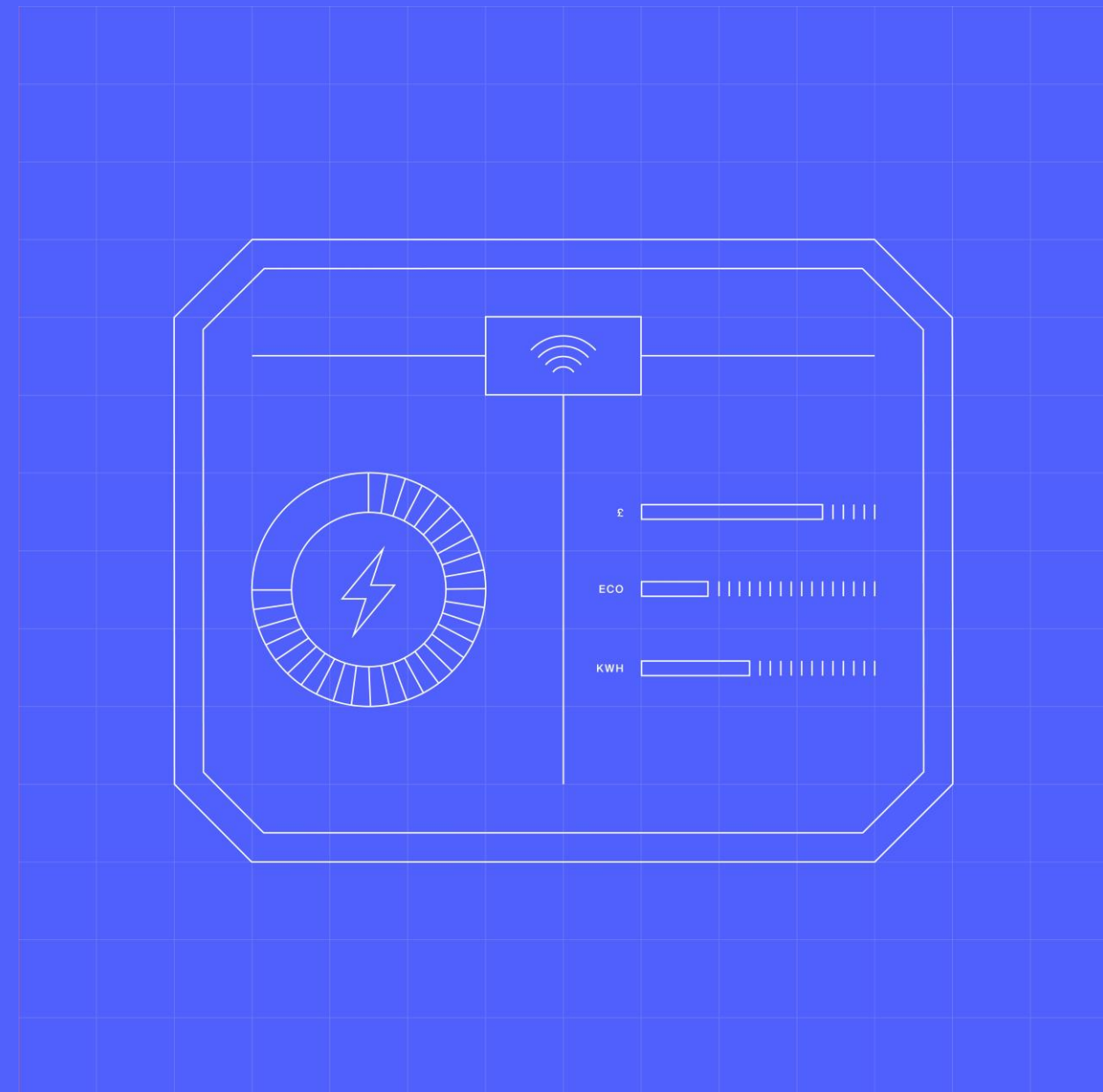
MHHS-DEL2285 CR045 Draft

CR046 Impact Assessment

DECISION: Decision on issuing Change Request CR046 '*Enabling Metering Point Energy Flow to be changed more than once*' for Impact Assessment

Programme (PMO)

20 mins

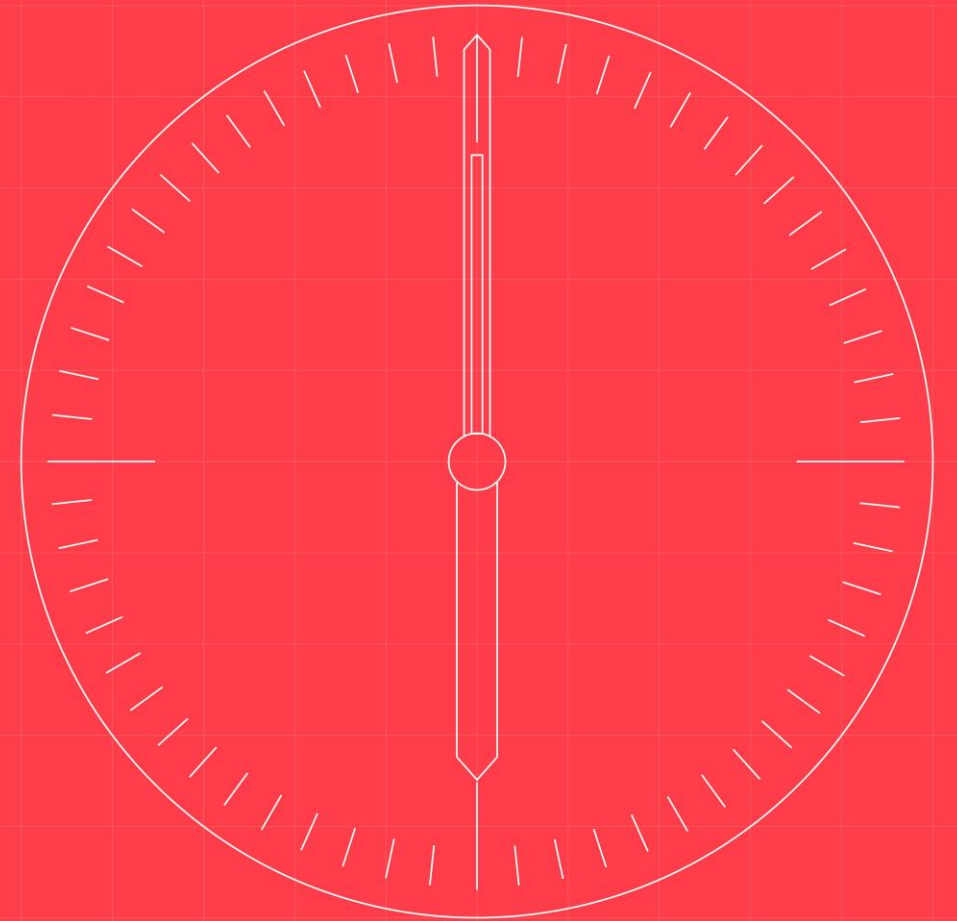


Design Updates

INFORMATION: Updates on Design Issue Notifications (DINs) and other design related matters

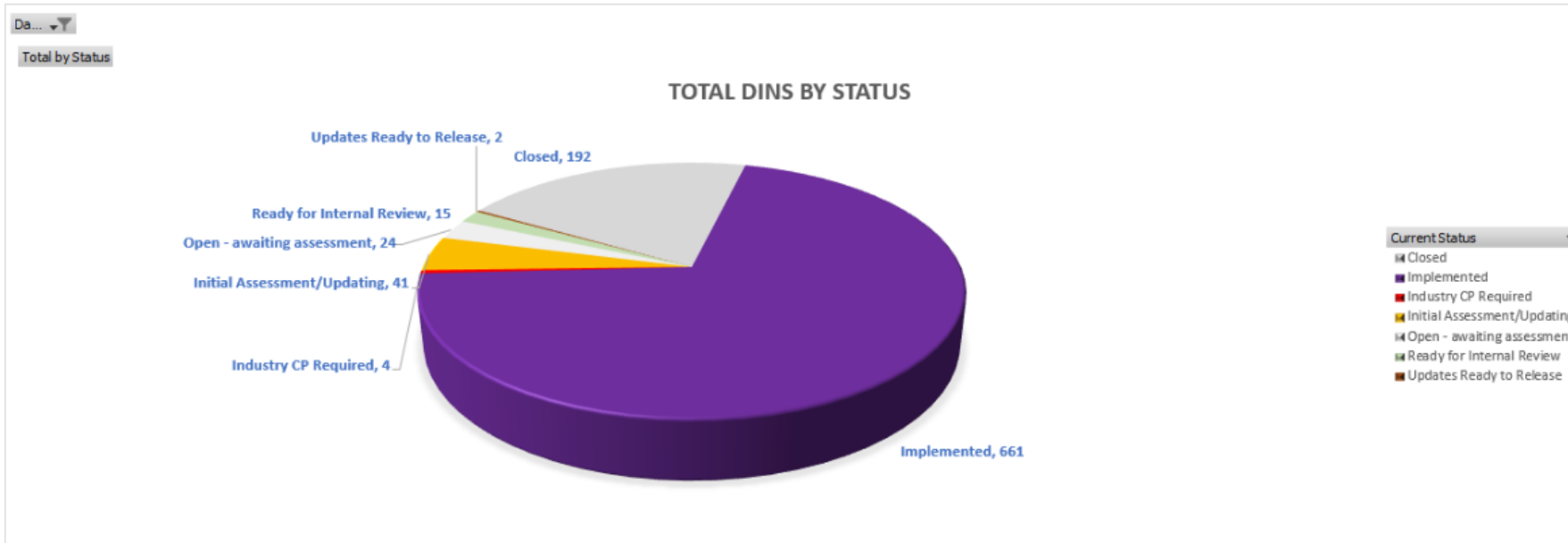
Programme (Paul Pettitt)

10 mins



DIN Log Stats as at 1 March 2024

Total Recorded DINs 939



IR8 will be published on 3-Apr-24
Effective from SIT Cycle 3
Objection cut-off 20-Mar-24

Total DINs by Status

Current Status	Total by Status
Closed	192
Implemented	661
Industry CP Required	4
Initial Assessment/Updating	41
Open - awaiting assessment	24
Ready for Internal Review	15
Updates Ready to Release	2
Grand Total	939

Total DINs by Release

Target Release	Total by Release
Interim Release 1	133
Interim Release 2	103
Interim Release 3	57
Interim Release 4	84
Interim Release 5	103
Interim Release 6	34
Interim Release 7	80
Interim Release 8	40
Interim Release 5.1	25
Interim Release 2.1	3
Interim Release 2.2	1
Post Go-live Release	14
TBC	7
Interim Release 5.2	20
Interim Release 2.3	6
Interim Release 5.3	2
Interim Release 5.4	10
Interim Release 7.1	18
Interim Release 5.5	5
Grand Total	745

Total Open DINs

Status	Total by Status
Industry CP Required	4
Initial Assessment/Updating	41
Open - awaiting assessment	24
Ready for Internal Review	15
Updates Ready to Release	2
Grand Total	86

Total Closed DINs

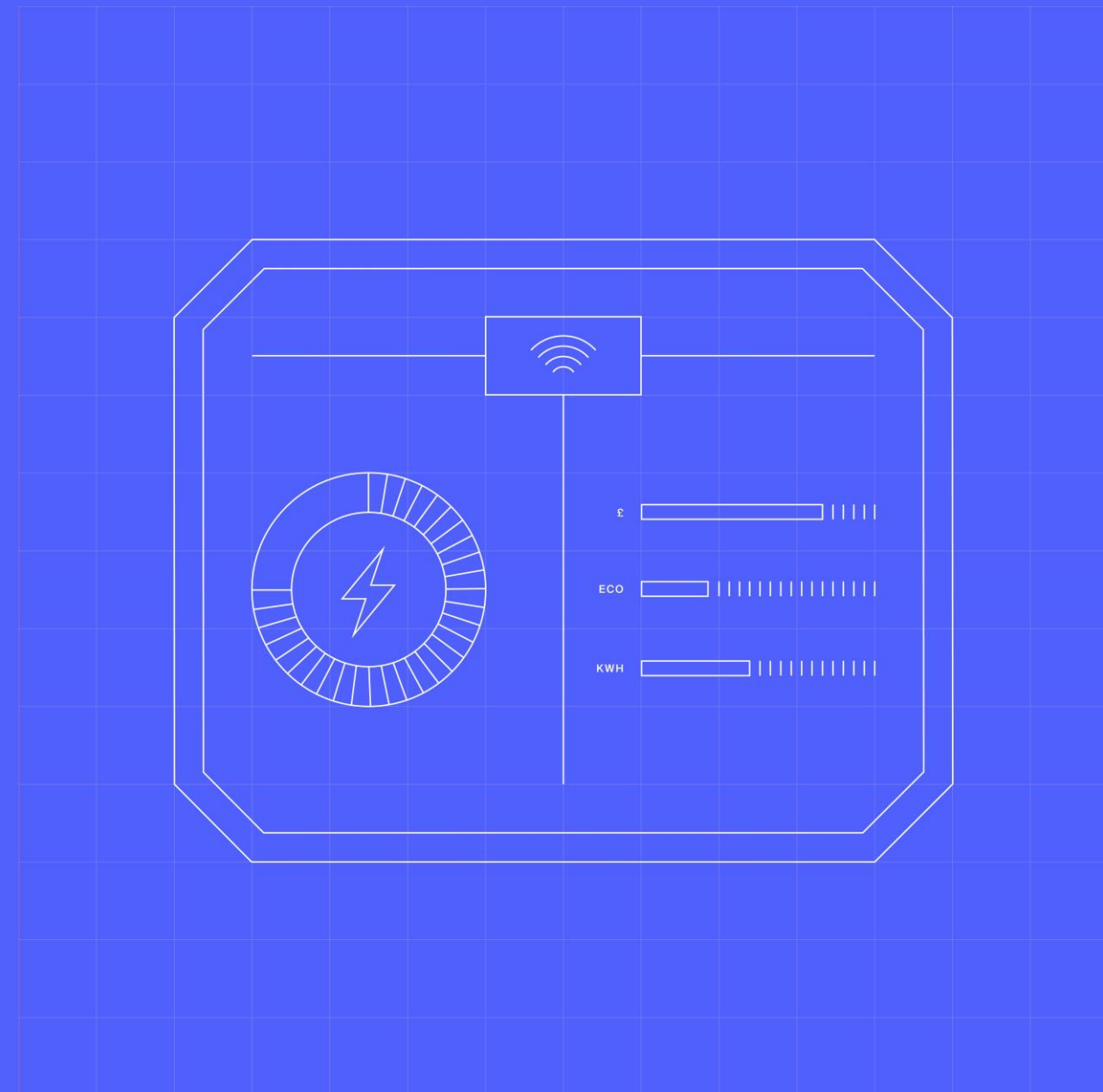
Status	Total by Status
Closed	192
(blank)	192
Implemented	661
Interim Release 1	133
Interim Release 2	103
Interim Release 3	57
Interim Release 4	84
Interim Release 5	103
Interim Release 6	34
Interim Release 7	80
Interim Release 5.1	25
Interim Release 2.1	3
Interim Release 2.2	1
Interim Release 5.2	20
Interim Release 2.3	6
Interim Release 5.3	2
Interim Release 5.4	10
Grand Total	853

Top Programme Risks related to DAG

INFORMATION: Overview of Programme Risks related to DAG

Programme (PMO)

5 mins



Key RAID Artefacts



A new RAID item can be raised using the [RAID Log Input Form](#)



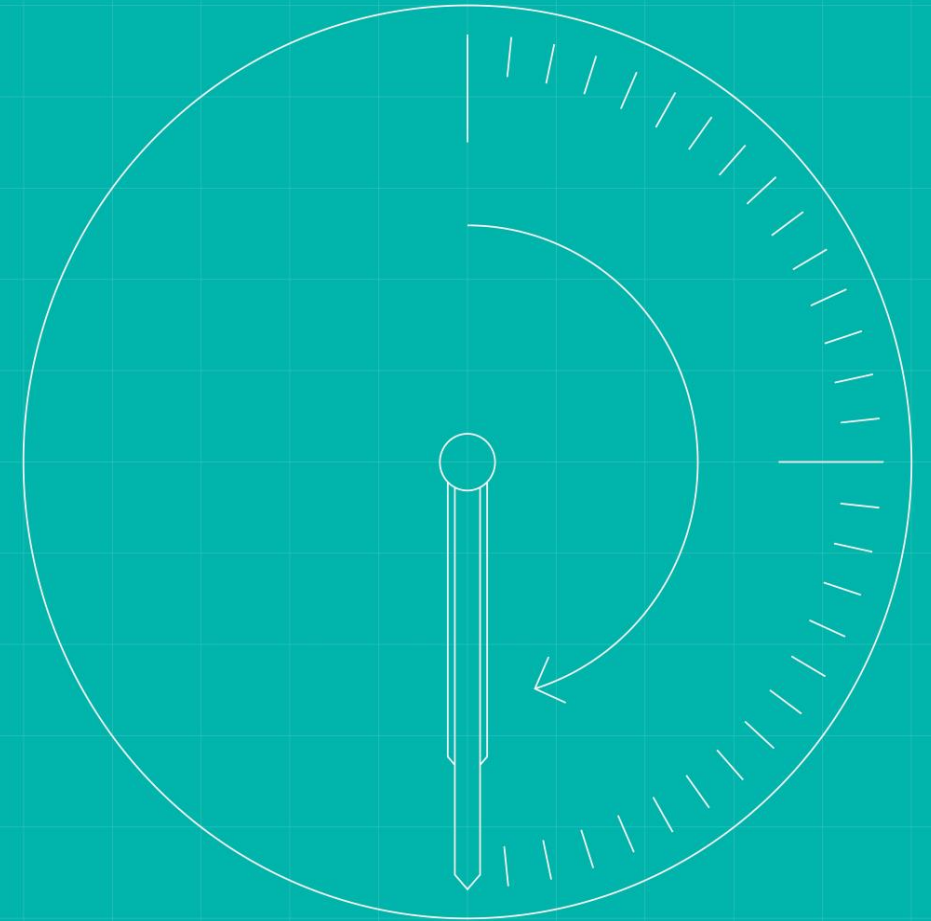
You can view RAID items across the programme using [dPMO Tool](#)

Upcoming Programme Milestones related to DAG

INFORMATION: Overview of upcoming Programme Milestones related to DAG

Programme (PMO)

5 mins



Upcoming milestones relevant to DAG

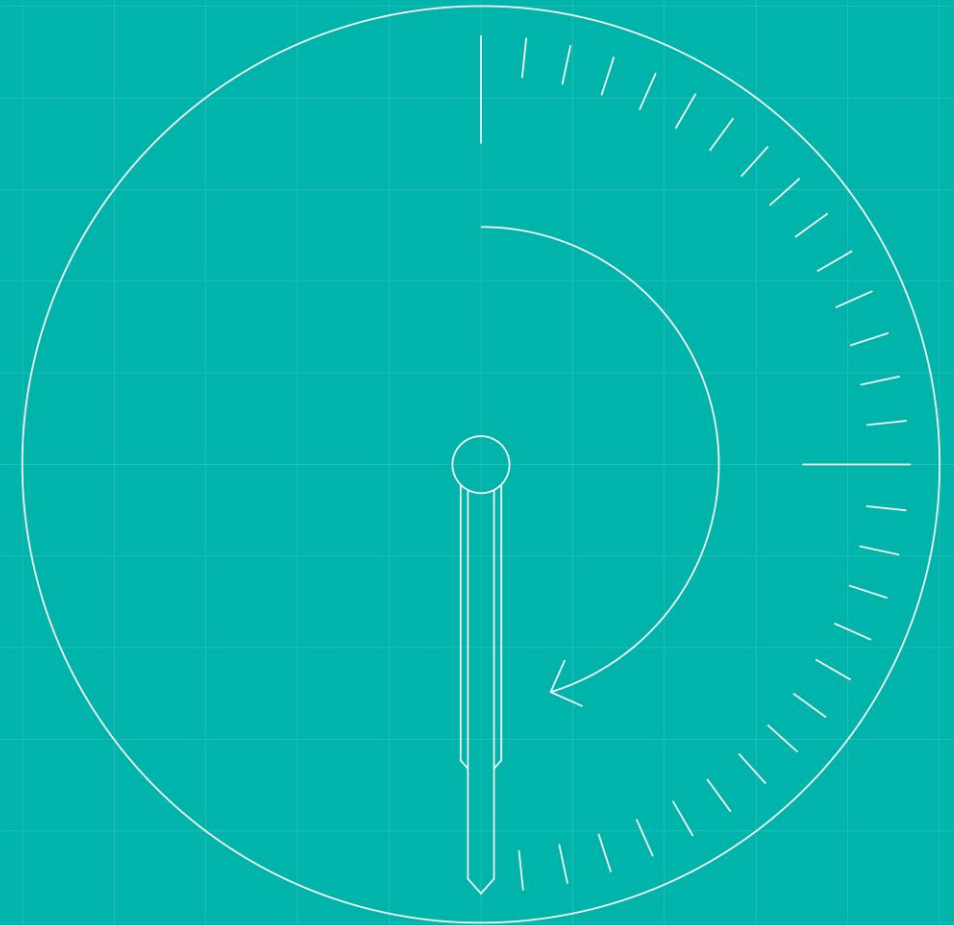
Milestone ID	Responsible	Milestone Title	Baseline Date	Forecast Date	Previous RAG 14/2/24	Current RAG 13/3/24	Forecast RAG 10/4/24	Commentary
T3-DB-0099	SI Design	Interim release 8 Go live	Wed 03/04/24	Wed 03/04/24	On track	On track	On track	Currently on track with objection window closing 20 March 2024

Programme Updates

INFORMATION: Updates from other MHHS governance groups and wider Programme updates

Programme (PMO)

10 mins



Governance group updates

Programme Steering Group (PSG)

PSG 07 February 2024

Sponsor Update: Ofgem suggests considering smart metering for future innovation.

Qualification Testing: Feedback on the draft Qualification Approach and Plan is due by 14 February 2024.

Migration Updates: Development of a Migration Control Centre (MCC) Framework is underway, with workshops scheduled for February 2024.

CR042 Decision: The PSG approved CR042, which adjusts a Tier 2 migration milestone date.

Future Readiness Assessments: Approved changes to upcoming Readiness Assessments reduce participant effort.

CR036 Decision Appeal: The IPA confirmed that the appeal is ongoing and reminded parties to continue activities as per the original decision.

PSG papers available [here](#).

Design Advisory Group (DAG)

DAG 14 February 2024

CR039 Decision: SRO approved CR039 Registration Service IF-40 Change for release in Interim Release 8 on 3 April 2024, to be tested in SIT Cycle 3.

CR040 Decision: SRO approved CR040: Change to NFR E2E1009 for DNO and iDNO roles (Licensed Distribution System Operator (LDSO), Unmetered Supplies Operator (UMSO) Registrations) for completed release in Interim Release 8 on 3 April 2024, to be tested in SIT Cycle 3.

Rejected CR041: SRO rejected CR041 due to Change Freeze requirements but suggested consideration post M10.

CR043 Impact Assessment: SRO approved CR043 for Impact Assessment, pending clarifications by 29 February 2024 on rerouting during Migration.

DAG papers available [here](#).

Cross Code Advisory Group (CCAG)

CCAG 28 February 2024

Horizon Scanning Log: No updates from DCUSA. REC provided updates on R0062, R0064, R0080, R0093, R0121 & R0139. CP1589 has been withdrawn as it was rejected by DAG in February, as well as three Mods 466, P467 & P468, and two CPs CP1592 & CP1593, have been raised.

CDWG Escalations: No escalations raised.

Consequential Code Delivery: CUSC panel presented two modification proposals CMP430 and CMP431 to Ofgem. The CUSC working group has requested urgency from Ofgem with regards to the decision.

Code Drafting Working Group (CDWG): March CDWGs are to be cancelled as there is not enough meeting material.

License Review: Consultation closed 13 March.

CCAG papers available [here](#).

Qualification Advisory Group (QAG)*

QAG 22 February 2024

QAG Terms of Reference: QAG approved draft SITAG Terms of Reference and recommended for Programme Steering Group (PSG) approval.

Working Groups under QAG: QAG provided an update on the Working Groups under QAG and the format of the Qualification Working Group (QWG) after the implementation of Change Request CR035.

Qualification Milestones: QAG provided an update on proposed changes to Qualification milestones and walked through the proposed changes to milestones to support updating the Programme plan. QAG members were asked to go to constituents for additional comments on any changes to milestones.

QAG papers available [here](#)

Migration & Cutover Advisory Group (MCAG)*

MCAG 27 February 2024

MCAG Terms of Reference: Provided feedback on the MCAG Terms of Reference and requested endorsement for Programme Steering Group (PSG) approval.

Data Cleanse Plan Decision: MCAG approved the latest Data Cleanse Plan (v2.0).

Service Management Strategy: MCAG approved the latest Service Management Strategy (v1.0).

Migration Control Centre Framework: Provided an update on the Migration Control Centre Framework.

Programme Milestones: SRO approved the revised delivery date for milestone T3-MI-0023 to 28/05/2024

MCAG papers available [here](#).

Wider Programme Updates

Participant Checklist:

- 1.REMINDER: Non-Systems Integration Testing (SIT) Licensed Distribution System Operator (LDSO) Test Scenarios & Test Cases Review – the deadline is **Friday 8 March 2024**
 - 2.REMINDER: Code Topic Mop Up 2 Consultation – the deadline is **Monday 11 March 2024**
 - 3.REMINDER: MHHS Supply, Distribution & Transmission Licence Review Consultation – the deadline is **Wednesday 13 March 2024**
 - 4.MHHS Programme Participant Information Request (PPIR): Use of Meter Data Retrieval (MDR) Function - Supporting Assumptions for the Data Communications Company (DCC) Capacity Planning - the deadline is **Tuesday 19 March 2024**
 - 5.Design Interim Release 8 objection cut-off - the deadline is **Wednesday 20 March 2024**
 - 6.REMINDER: Pre-Qualification Submission – the deadline is **Friday 26 April 2024**
 - 7.Data Integration Platform (DIP) Simulator version 2.3 stood down on **1 March 2024**
 - 8.Design Interim Release 7.1 Artefacts being published today
 - 9.Azure DevOps (ADO) User Guide and training materials for Systems Integration Testing (SIT) Functional published
 - 10.SIT Functional Test Scenarios and Test Cases Themes 1-9 uplifted
 - 11.Qualification Approach & Plan: updated documents published
- You can view the **Participant Checklist** on the respective **Planning pages** of the [Collaboration Base](#) and the [MHHS website](#).

Upcoming Governance Meetings:

- 7 March 2024:** Systems Integration Testing Working Group (SITWG)
- 8 March 2024:** MHHS Migration Framework Development Workshop 3
- 11 March 2024:** [Extraordinary Systems Integration Testing Advisory Group \(SITAG\)](#)
- 12 March 2024:** Qualification and End-to-end (E2E) Sandbox Working Group (QWG)
- 13 March 2024:** [Design Advisory Group \(DAG\)](#)

Upcoming Events:

- Next MHHS Webinar:** Our next webinar in the MHHS Webinar Series is at **10:30-11:30 tomorrow, Thursday 7 March 2024** and focuses on the **Pre-Qualification Submission**. Please register for this webinar by [completing this enrolment form](#) by **17:00 today, Wednesday 6 March 2024**. Ahead of the webinar tomorrow, we requested questions to be submitted, in advance, for the Code Bodies to cover during the webinar. You can view the FAQs on the [Pre-Qualification Submission page of the MHHS website](#).
- MHHS Webinar: Change of Supplier process: 12 March 2024:** Our next webinar in the MHHS Webinar Series is at **12:30 – 13:00 on Tuesday 12 March 2024** and focuses on the **Change of Supplier process**.
- REMINDER: MHHS Open Day: 23 April 2024:** Our next **MHHS Open Day** is on **Tuesday 23 April 2024** at **Elxon's offices, 350 Euston Rd, London NW1 3AW**. There is also a virtual livestream option for participants to join the event.

Data Integration Platform (DIP)

- The Data Integration Platform (DIP) will be available next week:** The DIP will be available from **Monday 11 March 2024**. Please note that no messages can be sent to the DIP before this date. Any messages that are sent before this date will trigger an error message.
- FAQs updated:** The Programme has published an updated version of the **DIP Onboarding FAQs (v1.2)** which addresses the requested participant changes. You can view the updated FAQs and the accompanying appendices on the [DIP Guidance Documents page of the MHHS website](#).

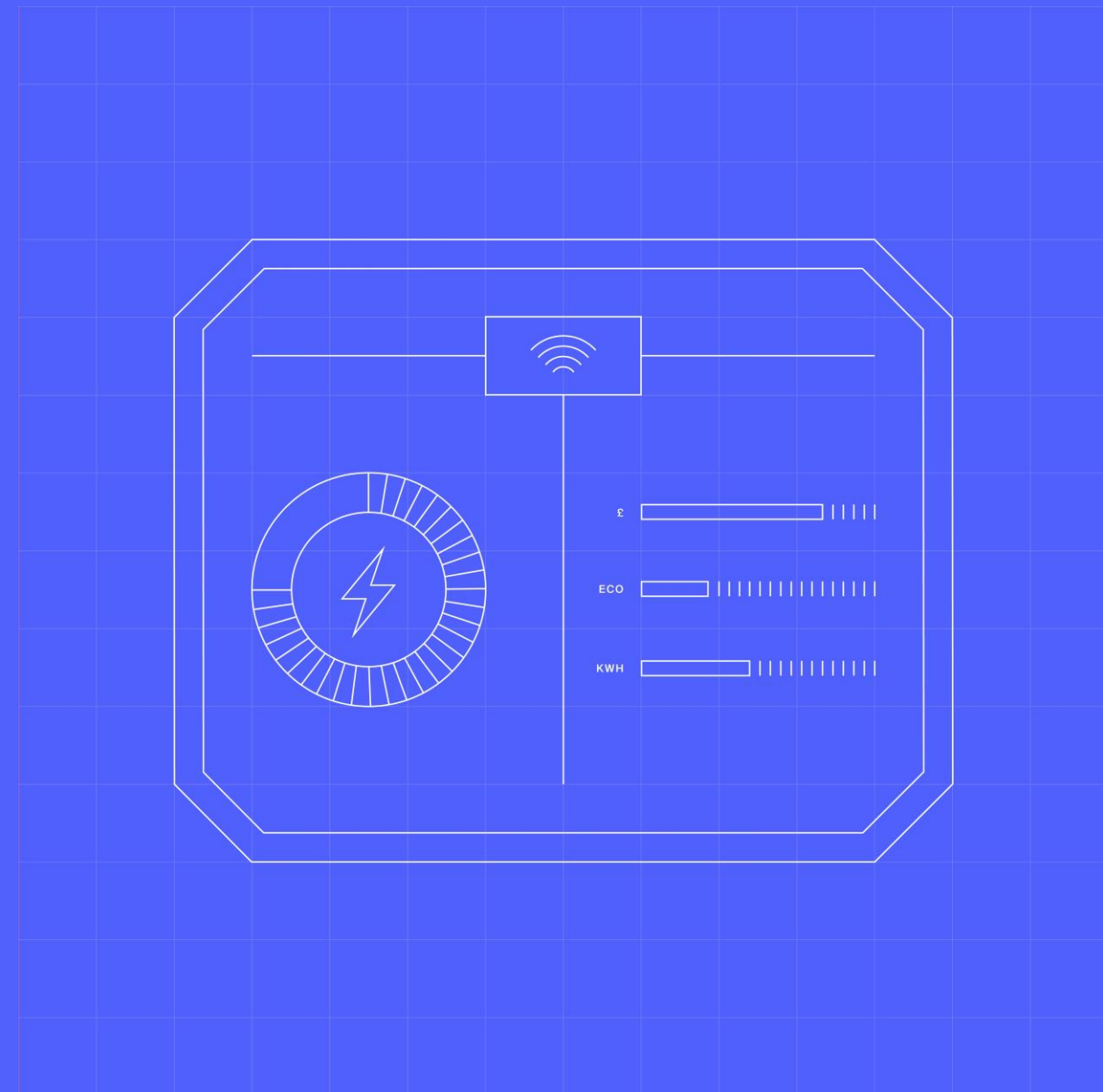
*SITAG, MCAG, QAG replaced the Testing and Migration Advisory Group (TMAG) in Q1 2024.

Summary and Next Steps

INFORMATION: Summarise key discussions, actions, and next steps

Chair & Secretariat

10 mins



Summary and Next Steps

Next steps:

- Confirm actions and decisions from meeting
- Next DAG meeting: **10 April 2024 at 10am**

For information:

- MHHS Open Day 2024: **23 April 2024**

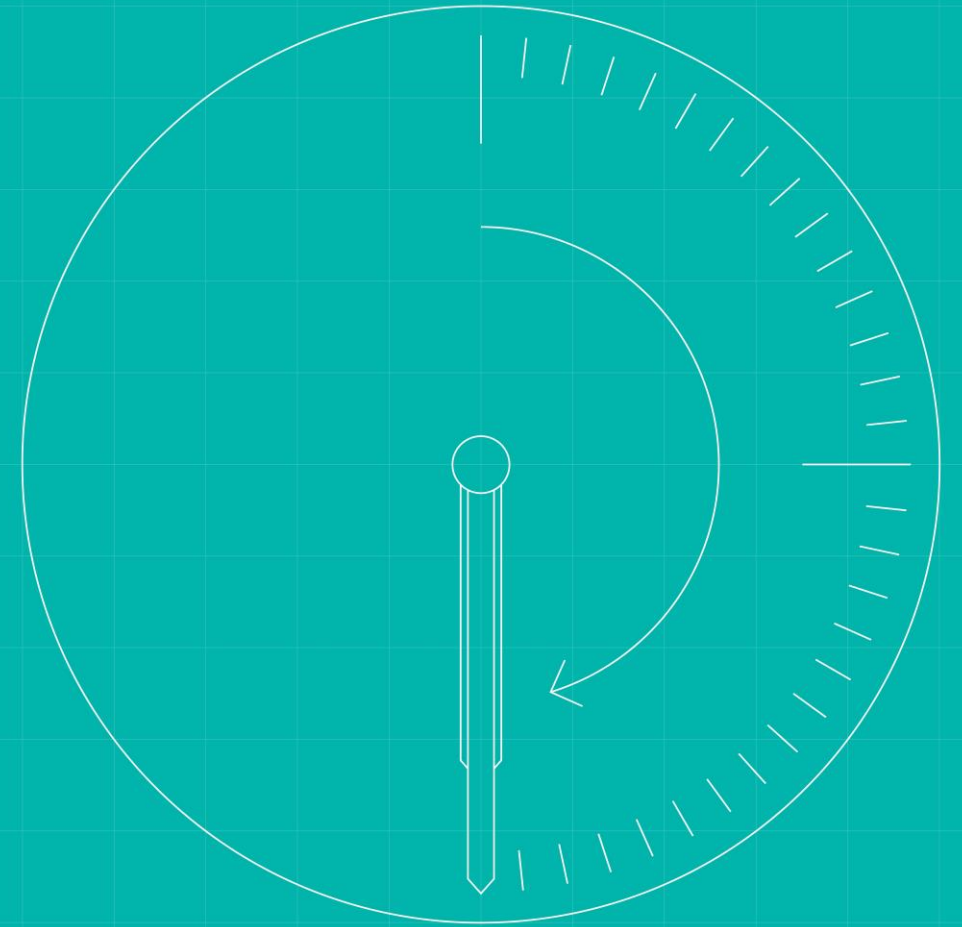
DAG agenda roadmap:

Meeting dates	10-April	08-May	12-Jun
Relevant milestones or activities	<ul style="list-style-type: none"> • None 	<ul style="list-style-type: none"> • Interim Release 8 	<ul style="list-style-type: none"> • None
Agenda items	<ul style="list-style-type: none"> • Change Requests (TBC) 	<ul style="list-style-type: none"> • Change Requests (TBC) 	<ul style="list-style-type: none"> • Change Requests (TBC)
Standing items	<ul style="list-style-type: none"> • Minutes and Actions • Programme Updates • Design Updates • Upcoming Programme Milestones related to DAG • Top Programme Risks related to DAG • Summary and Next Steps 	<ul style="list-style-type: none"> • Minutes and Actions • Programme Updates • Design Updates • Upcoming Programme Milestones related to DAG • Top Programme Risks related to DAG • Summary and Next Steps 	<ul style="list-style-type: none"> • Minutes and Actions • Programme Updates • Design Updates • Upcoming Programme Milestones related to DAG • Top Programme Risks related to DAG • Summary and Next Steps

If you would like to propose an agenda item for the DAG or would like any information about MHHS governance groups, please contact the Programme PMO (PMO@mhhsprogramme.co.uk)

AOB

Change Control



Background and Context

The Programme is proposing an amendment to the existing MHHS Change Control process in response to the IPA's recommendations following their review of the CR036 appeal as well as recent participant feedback.

Additionally, as we progress further into the testing phases of the Programme we recognise that new change requests have greater cross-workstream impact, and require greater qualification and collaboration. Implications on code, test, migration, qualification and transition workstreams all need significant consideration.

Proposed amendments

The proposed amendments will see the Change Board determining whether a Change Request is issued to Impact Assessment (IA), rather than the Advisory Group. Ahead of the IA being issued an industry-wide webinar will be held with Programme Participants. The Change Raiser will present their proposed Change Request and take any immediate questions from industry.

Following completion of the IA, the Change Board will review the results and make a recommendation on behalf of the SRO, who will be responsible for making the approval decision and ratifying this at each Programme Steering Group (PSG).

Benefits

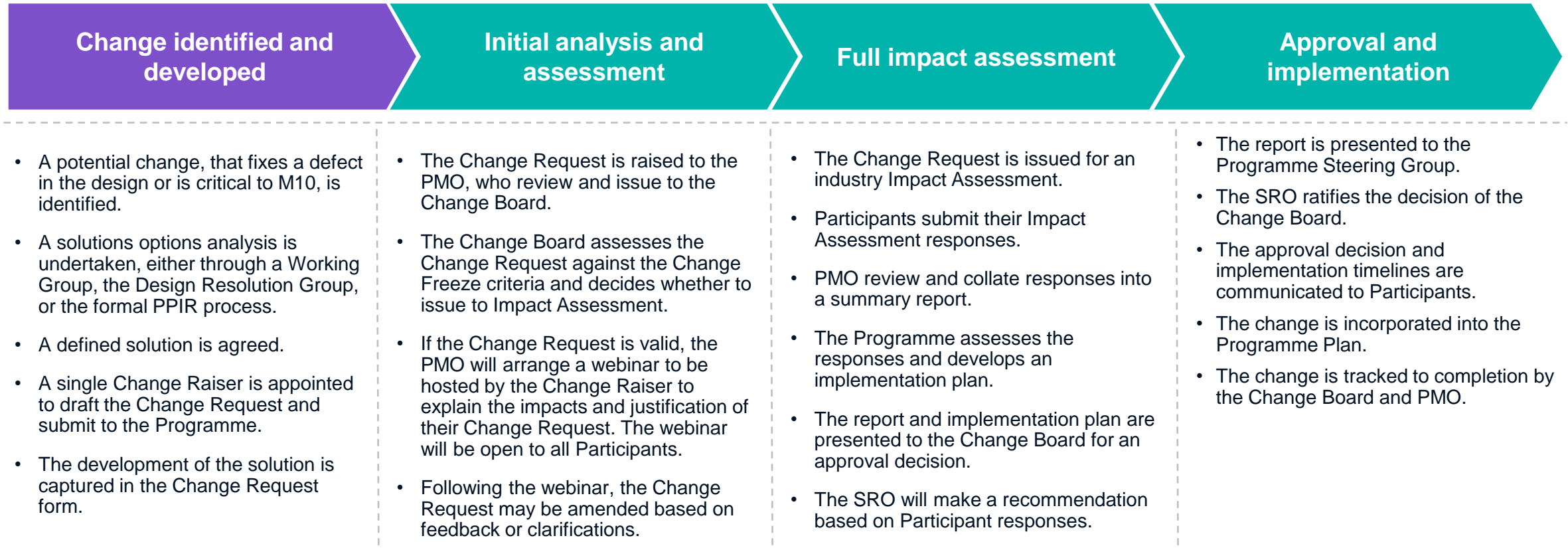
The updated process:

- Speeds up the end-to-end process and removes the onus on the Advisory Groups to process multiple Change Requests
- Ensures Programme Participants are better engaged in upcoming Change Requests, and;
- Enables direct communication with the Change Raiser to address any queries or concerns.

A number of improvements are also being made to the Change Request form to compliment the updated process, notably requiring the Change Raiser to provide a proposed implementation timeline, and to justify why their Change Request is valid during the Change Freeze.

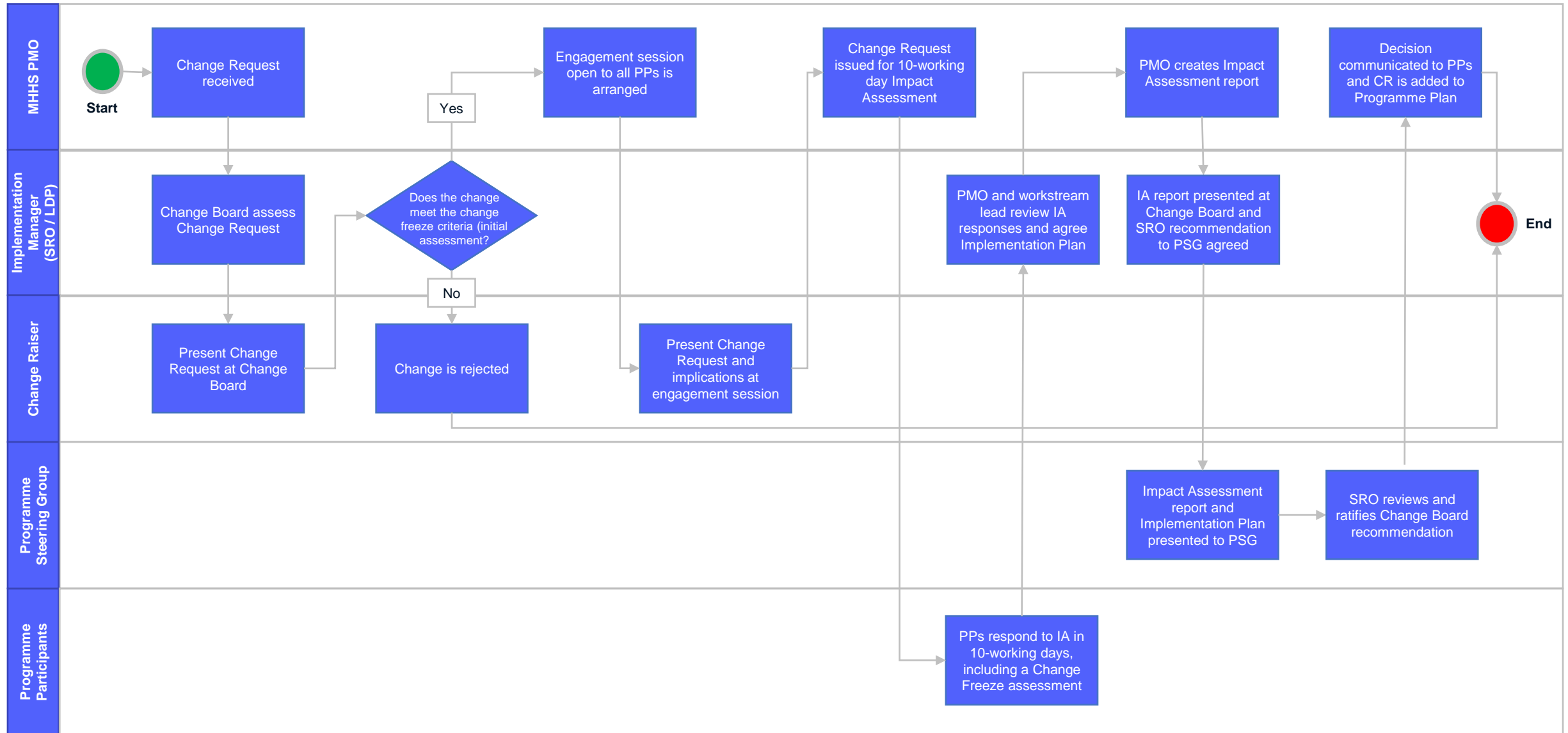
The new process is outlined on the following slides.

There are four key phases to the Change Control process. These, along with the associated activities, are highlighted in the diagram below:

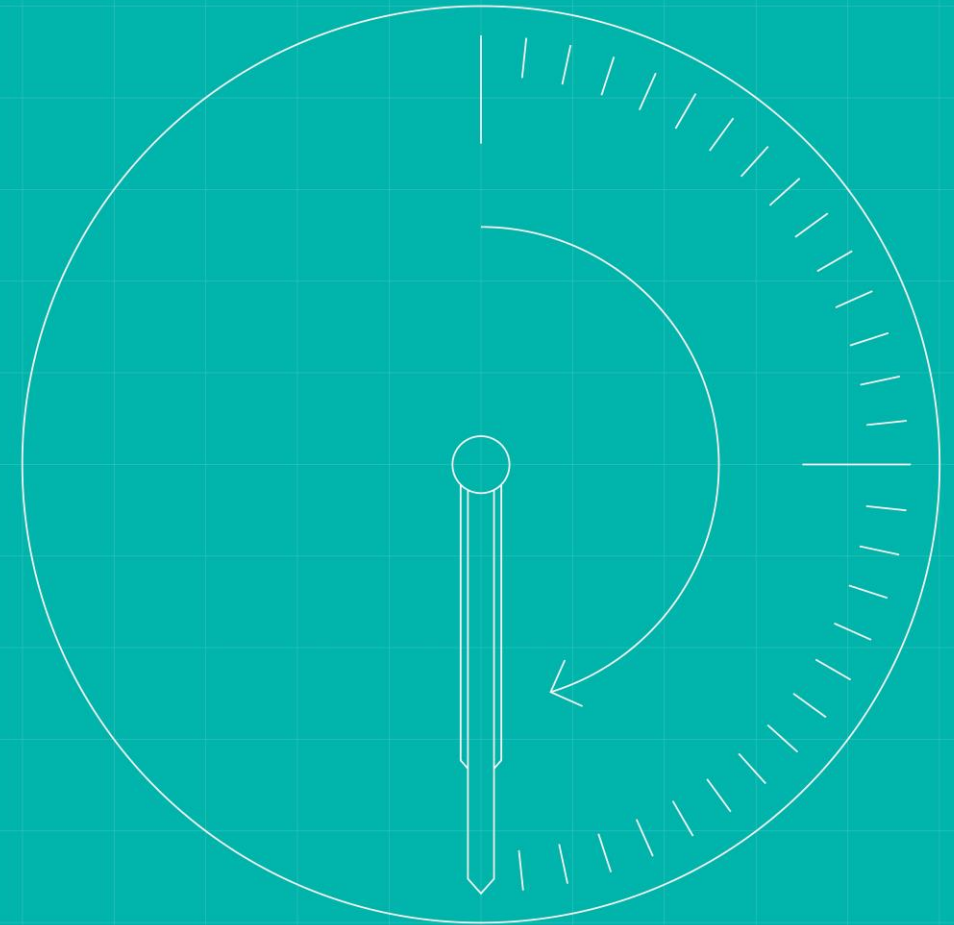


Note: The Independent Programme Assurer (IPA) sit on the Change Board and are party to all decision-making rationale. Any appeals of decisions made by the Change Board should be raised with the IPA as per the documented appeals process.

Proposed Change Control process



Appendix Advisory Groups Update



New Advisory Groups Update

System Integration & Testing Advisory Group (SITAG)	
Monthly cadence: Third Wednesday of the month First Meeting: Weds 21 Feb 2024	
Representative	Nomination received
Elxon (as central systems provider)	Yes
DCC (as smart meter central system provider)	Yes
RECCo	Yes
Large Supplier	Yes
Medium Supplier	No
Small Supplier	Yes
I&C Supplier	No*
Supplier Agent	No
Supplier Agent (Independent)	Yes
DNO	Yes
iDNO	Yes
National Grid ESO	Yes
Consumer	No**

Migration & Cutover Advisory Group (MCAG)	
Monthly cadence: Fourth Tuesday of the month First Meeting: Tues 27 Feb 2024	
Representative	Nomination received
Elxon (as central systems provider)	Yes
DCC (as smart meter central system provider)	Yes
RECCo	Yes
Large Supplier	Yes
Medium Supplier	No
Small Supplier	No
I&C Supplier	Yes
Supplier Agent	No
Supplier Agent (Independent)	Yes
DNO	Yes
iDNO	Yes
Consumer	No**
National Grid ESO	Yes

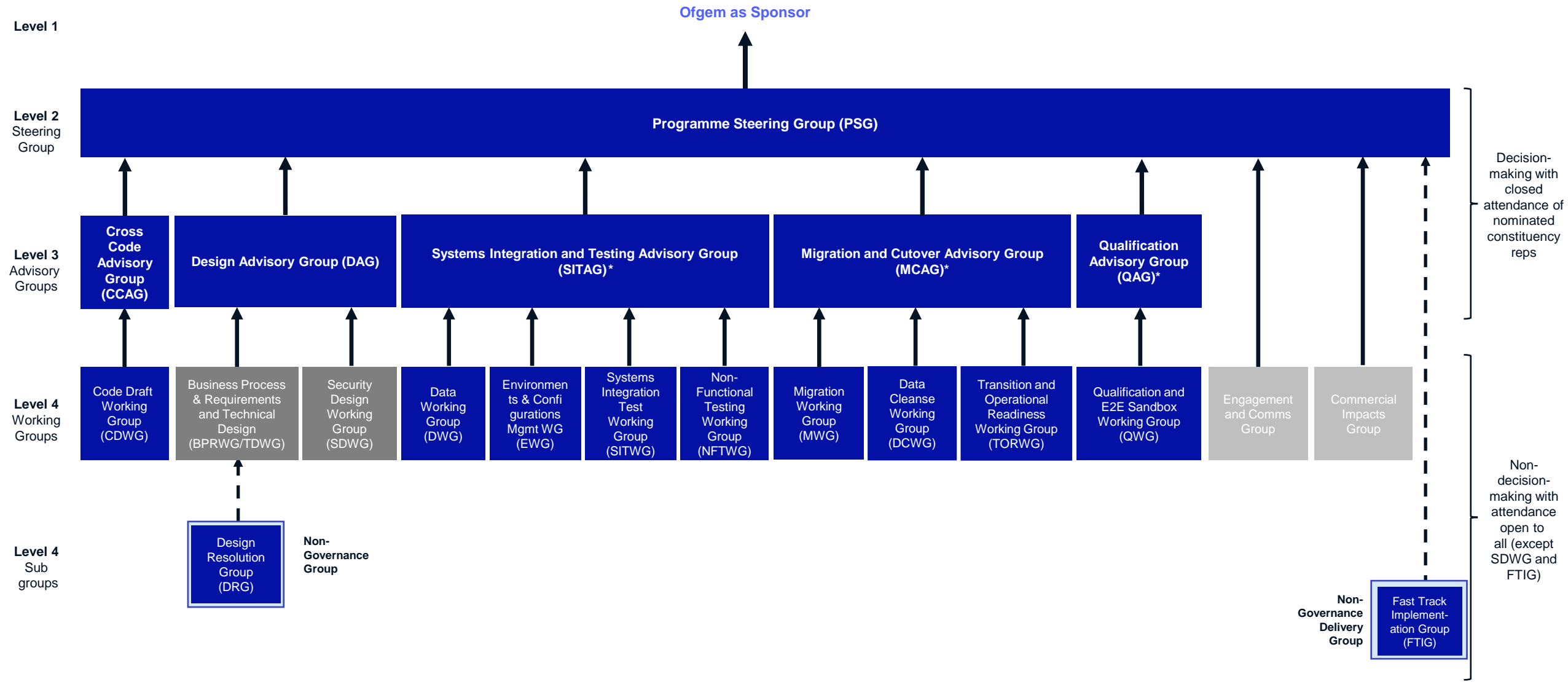
Qualification Advisory Group (QAG)	
Monthly cadence: Third Thursday of the month First Meeting: Thurs 15 Feb 2024	
Representative	Nomination received
RECCo (Qualification Body)	Yes
BSCCo (Qualification Body)	Yes
Large Supplier	Yes
Medium Supplier	Yes
Small Supplier	No
I&C Supplier	Yes
Supplier Agent	Yes
Supplier Agent (Independent)	Yes
DNO	Yes
iDNO	Yes
Consumer	No**

Colour Key	
Recent change	Seat vacant

*I&C constituency has advised they do not intend to provide a representative for SITAG owing to there being no I&C Suppliers undertaking SIT. As such, this seat will remain vacant.

** Consumer constituency has confirmed they do not intend to provide a representative for SIAG, MCAG, or QAG owing to the technical nature of these meetings. Attendance will be by exception where required.

MHHS Governance and Decision-Making Structure



Key	Mobilised	Mobilisation in progress	To be mobilised in future	May be mobilised	Available for any ad hoc meetings

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