



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

Design Advisory Group #33

14 February 2024

Version 2.0

MHHS-DEL2232

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 <i>5 mins</i>	1
2	Minutes and Actions	Approval of minutes and review of actions	Decision	Secretariat	10:05-10:25 <i>20 mins</i>	4
3	CR039 Decision	Decision on approval of Change Request	Decision	Chair & Programme (PMO)	10:25-10:45 <i>20 mins</i>	7
4	CR040 Decision	Decision on approval of Change Request	Decision	Chair & Programme (PMO)	10:45-11:05 <i>20 mins</i>	14
5	CR041 Decision	Decision on approval of Change Request	Decision	Chair & Programme (PMO)	11:05-11:25 <i>20 mins</i>	20
6	CR043 Impact Assessment	Decision on issuing CR043 for Impact Assessment	Decision	Chair, Programme (PMO) & Elexon (Mike Ceney)	11:15-11:40 <i>15 mins</i>	27
7	Design Updates	Updates on Design Issue Notifications (DINs) and other design related matters	Information	Programme (Paul Pettitt)	11:40-11:50 <i>10 mins</i>	30
8	Top Programme Risks related to DAG	Overview of Programme Risks related to DAG	Information	Programme (PMO)	11:50-11:55 <i>5 mins</i>	32
9	Upcoming Programme Milestones related to DAG	Overview of upcoming Programme Milestones related to DAG	Information	Programme (PMO)	11:55-12:00 <i>5 mins</i>	34
10	Programme Updates	Updates from other MHHS governance groups and wider Programme updates	Information	Programme (PMO)	12:00-12:10 <i>10 mins</i>	36
11	Summary and Next Steps	Summarise key discussions, actions, and next steps	Information	Chair & Secretariat	12:10-12:20 <i>10 mins</i>	38

Agenda (2/2)

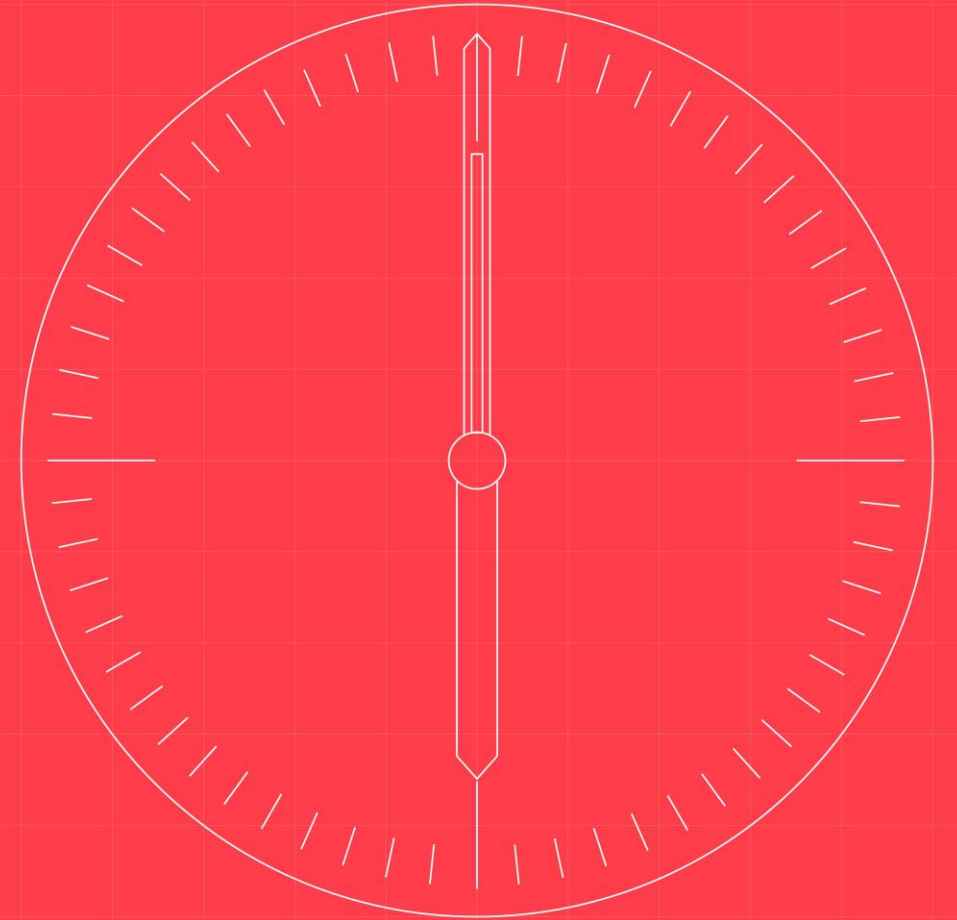
#	Item	Objective	Type	Lead	Time	Page
	Appendices / Attachments	Attachment 1 – DAG 08 November 2024 Minutes v1.1 (change marked)				
		Attachment 2 – DAG 10 January 2024 Headline Report v1.1 (change marked)				
		Attachment 3 – CR039 Registration Service IF-40 Change v1.1				
		Attachment 4 – CR040 Change to NFR E2E1009 for DNO & IDNO roles (LDSO, UMSO, Registrations) v1.1				
		Attachment 5 – CR041 Change the format of Market Participant Role Code from Char(1) to Char(2) v1.1				
		Attachment 6 – CR043 Supplier Registration of ABMU and MPAN Mapping 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 and Minutes of DAG held [08 November 2023](#) (**DECISION [90]**) and Headline Report of DAG held [10 January 2024](#) (**DECISION [91]**) .
2. Review outstanding actions:

Ref	Action	Owner	Due	Latest update
DAG31-01	Programme to provide response to Supplier Agent Representative's comments on the minutes of the DAG meeting held 08 November 2023	Programme (PMO)	03/01/2023	RECOMMEND CLOSED: Response provided. Change marked minutes provided as Attachment 1.
DAG31-04	Change Raiser and Programme to update title of CR034 to reflect that CR relates to Level 4 validations (not Level 3 as currently stated)	Change Raiser (NGESO) & Programme (Immy Syms)	18/12/2023	RECOMMEND CLOSED: CR title updated and re-published to MHHS website.
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 is undertaking a review of the current Change Control process to ensure greater engagement from Change Raisers and Programme Participants. A formal update is expected in March 2024.
DAG31-06	Programme to confirm when CR032 (P210 report) will be tested and confirm to DAG	Programme (Lee Cox)	10/01/2024	ONGOING: Update 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: Update to be provided in meeting.
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	ONGOING: See also ACTION DAG31-12. Update to be provided in meeting.
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'.
DAG32-01	Programme to query with ElectraLink whether changes to data item formats result in a D-Flow version increment, and whether this results in changes to DIP flow versioning	Programme (Design Team)	14/02/2024	ONGOING: Update to be provided in meeting.

Minutes and Actions Review (2 of 2)

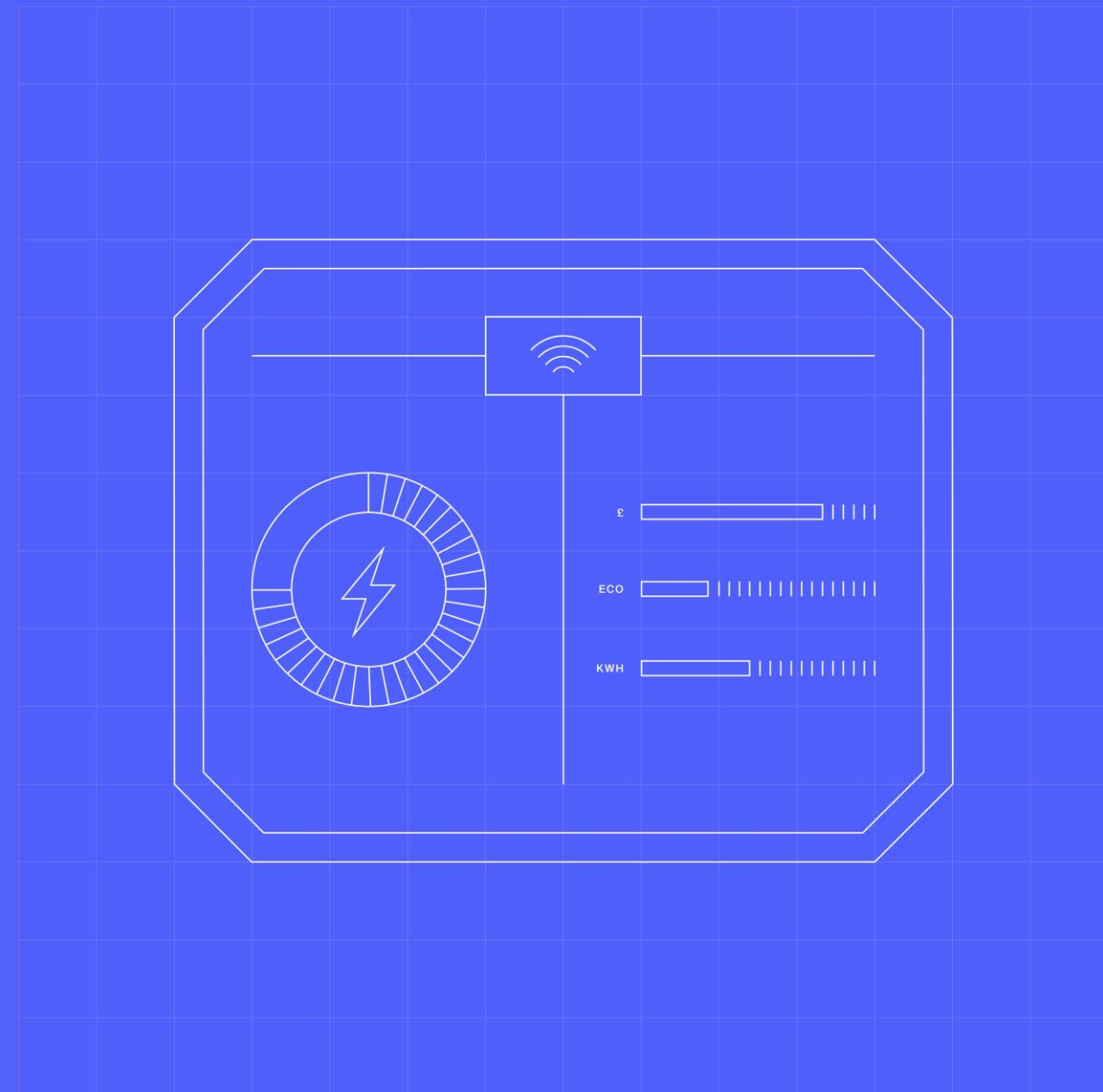
Ref	Action	Owner	Due	Latest update
DAG32-02	Programme to consider whether briefing sessions could be provided for participants on new Programme Change Requests to enable questions to be raised which support participant Impact Assessment	Programme (PMO)	14/02/2024	ONGOING: The Programme is undertaking a review of the current Change Control process to ensure greater engagement from Change Raisers and Programme Participants. A formal update is expected in March 2024.
DAG32-03	Elexon Helix to confirm error message response times for IF-021	Elexon Representative (Chris Day)	14/02/2024	ONGOING: Update to be provided in meeting.
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: Discussion with St Clements ongoing.
DAG32-05	Change Raiser to amend CR039 to include executive summary and provide supporting slides presented at DAG as an attachment	St Clements (Daniel Tadicicco)	ASAP	RECOMMEND CLOSED: Updated CR provided and issued for Impact Assessment. Approval decision to be discussed under Agenda Item 4.
DAG32-06	Programme to provide view, if possible, alongside CR039 on whether the Programme believe implementation is required despite the current Programme change freeze	Programme (Design Team)	ASAP	RECOMMEND CLOSE: The Design Team has provided its response as part of the CR. The Programme will assess this CR in line with the Change Freeze criterion as discuss with DAG
DAG32-07	Change Raiser to update CR040 to clarify whether the 60 minute response time proposed within the CR applies at all times or particular times of day, whether times are UTC or Clock Time, and whether there are impacts on the CR037 (Migration Message Processing Choreography Update) solution regarding response times	UKPN (David Yeoman)	ASAP	RECOMMEND CLOSED: Updated CR provided and issued for Impact Assessment. Approval decision to be discussed under Agenda Item 5.
DAG32-08	Programme to include within Impact Assessment response to CR040 an assessment of whether a wider review or relaxation of the Non-Functional Requirement relating to response time for the E2E1009 is prudent	Programme (Design Team)	24/01/2024	RECOMMEND CLOSED: The Programme provided its response based on the CR raised, a wider relaxation was not in part of the CR. The Programme will not be of performing a widescale Non-functional requirement review given the impending start of SIT functional and the Change Freeze criterion.
DAG32-09	Change Raiser to amend CR0401 to add clarity around the governance of the CR and its independence from CP1589, the need for a view of whether the CR is required pre-MHHS 'go live' and what the proposed implementation date would be	Elexon (Colin Berry)	ASAP	RECOMMEND CLOSED: Updated CR provided and issued for Impact Assessment. Approval decision to be discussed under Agenda Item 6.

CR039 Decision

DECISION: Decision on approval of Change Request

Chair & Programme (PMO)

20 mins



CR039 – Impact Assessment Summary

Objective:

DAG to review the outputs of the issued CR039 Impact Assessments and advise SRO on their decision to approve or reject the redlining in the Change Request.

Headlines:

- Overall: **20 respondents supported the change; 9 respondents rejected the change; and 2 respondents abstained.**
- Most rejections came from suppliers, whilst support came from some suppliers and the LDSOs.
- **Those who supported the implementation of the Change Request did so on the following basis:**
 - The change would ensure that SLAs are always adhered to.
 - If the change is not approved, significant costs and time impacts will apply to MPRS and subsequently LDSOs. This could bring a risk to SIT completion.
 - Reducing ongoing running costs for Registration Services will reduce enduring industry costs.
 - The change meets the requirements of the Change Freeze as it removes the risks of delays for St Clements and LDSOs in meeting M10, and aligns with the design principle to centralise processes.
- **Those who rejected the Change Request did so on the following basis:**
 - All parties should adhere to SLAs which have been documented in the baselined design for a significant period of time.
 - The change does not meet the requirements of the Change Freeze as it does not fix a defect in the design and is not critical to M10.
 - The Change Request has been raised in too close proximity to SIT. Implementing the change at this point in the process would mean additional cost and timeline risks which need to be handled by multiple organisation both across SIT and other milestones.
- **Further comments:**
 - Although the Change Request did not offer solution optionality, the Change Raiser shared other options that they had previously explored. There was some support amongst respondents for alternative option 2a, which allows for MPRS (REGS/ERDA) to obtain the Annual Consumption value via the EES API “on-demand” for inclusion in B027, PUB-040s will be ignored/unsubscribed.
 - The Programme and other respondents suggested that the B027 block should remain if the proposed solution is implemented, as it is an option block and therefore does not need to be populated.
 - RECCo suggested that if the change is determined to be required, it should be implemented after M10.
- **Implementation:**
 - If approved, the Programme proposes that the change would be published in IR8 (April 2024). SIT Functional cycle 3 would prioritise regression testing of IF-001 and IF-036 ahead of testing non-SIT LDSO Qualification Testing.

CR039 – Submitted Impact Assessments

Programme Parties	CR039 Recommendations			
	Yes	No	Abstain	No Reply
Large Suppliers	1	3	-	1
Medium Suppliers	1	-	-	6
Small Suppliers	-	1	-	32
I&C	4	2	-	35
DNOs	6	-	-	-
iDNOs	1	-	-	12
Ind. Agents	3	-	-	44
Supplier Agents	-	-	-	7
S/W Providers	2	1	-	22
REC Code Manager	-	1	-	-
National Grid ESO	-	-	-	1
Consumer	-	-	-	1
Elexon (Helix)	-	1	-	-
DCC	-	-	1	-
SRO / IM & LDP	1	-	-	-
IPA	-	-	1	-
Avanade	1	-	-	-
Totals	20	9	2	160

Market Share			
Yes	No	Abstain	No Reply
24%	64%	-	12%
10%	-	-	90%
-	35%	-	65%
13%	6%	-	81%

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 and the IPA abstained from providing a recommendation as the change will not impact them.

CR039 Impacts – Views on the proposed approach (Page 1)

Programme Parties	Range of respondents' views on benefits and concerns (related to the approach in CR039)
Large Suppliers	<ul style="list-style-type: none"> + One of the four responding Large Suppliers supported the implementation of Change Request. - Three of the four responding Large Suppliers rejected the implementation of the Change Request. - The Change Request is based on an assumption that the 24-hour SLA will be breached. The current design has set the 24-hour target. It is the responsibility of Registration Services to develop their systems to manage the SLA. The Change Request has been raised to mitigate costs for the MRS and adds no value to the wider Programme. - The Change Request has been raised in too close proximity to SIT and future CIT and Qualification preparation. Implementing the change at this point in the process would mean additional cost and timeline risks which need to be handled by multiple organisation both across SIT and other milestones. - One respondent does not believe that the Change Request meets the requirement of the Change Freeze. See Programme response - The change is one of a number of changes which, instead of making changes to MPRS, put in place workarounds or have relaxed proposed SLAs. Avoiding investment in DNO/MPRS systems, combined with the implementation of these workarounds, could have unintended consequences and could impact the outcomes that MHHS is trying to achieve. • One Large Supplier was supportive of Option 2 in the Change Request form, another was supportive of Option 2a.
Medium Suppliers	<ul style="list-style-type: none"> + The one responding Medium Supplier supported Change Request. • They raised the following three questions: <ul style="list-style-type: none"> • If REGS retrieves the latest PUB-040 from the archive and sends it on appointment confirmation, what is the event code that will be populated? - The Event code will remain the same as the original message • Is it better to add a separate event code or add an indicator to the PUB-040 that is sent on appointment confirmation? The Event code will remain the same as the original message • How can the normally received PUB-040 flows be identified against the one retrieved from archive? Could a new code be added to signify the difference between the normally received monthly message and the one received as part of COA/COS? There is a flag in the header to indicate these are replayed messages
Small Suppliers	<ul style="list-style-type: none"> - The one responding Small Supplier rejected the implementation of the Change Request. - The design has been baselined for a significant amount of time. Implementation would cause SLA breaches and would lead to dated information being processed. - Making the proposed change during SIT would significantly increase the risk of Programme delay.
I&C	<ul style="list-style-type: none"> + Four of the six responding I&C Suppliers supported the implementation of the Change Request. + The change should be made to ensure SLAs are adhered to. + The solution strikes a balance between a need to quickly assess and view the annual consumption value, and the increased costs, effort and ongoing maintenance of processing the messages within operating hours. - Two of the six responding Large Suppliers rejected the implementation of the Change Request. - The responsibilities of the Registration Service have been documented in the design for a significant period of time. - The knock-on implications to supplier systems is not acceptable in close proximity to SIT and during the Change Freeze. • One respondent noted that, from an IT design perspective, they would opt for Option 2a. Another supplier also stated they would consider Option 2a. • One respondent believes that Option 2 would bring the greatest benefits. They, and other suppliers, already receive and use the API, so the impact would be reduced.

CR039 Impacts – Views on the proposed approach (Page 2)

Programme Parties	Range of respondents' views on benefits and concerns (related to the approach in CR039)
DNOs	<ul style="list-style-type: none"> + All six DNOs responded to the Impact Assessment, all of whom were in favour of implementing the Change Request. + The impact to MPRS and subsequently LDSOs is significant. If the Change Request is not approved, significant costs and time impacts will apply.
iDNOs	<ul style="list-style-type: none"> + The one responding iDNO supported the implementation of the Change Request. + If the Change Request is not approved, the additional processing times for significant numbers of IF-040s could cause performance issues for LDSOs with significant MPAN portfolios. This could bring a risk to SIT completion as changes are needed to MPRS.
Agents	<ul style="list-style-type: none"> + All three responding Agents supported the implementation of Change Request. + They recognise the constraints that will be imposed upon the Registration Services and believe that the suggested change is a workable solution. + Reducing ongoing running costs for Registration Services, without significant increase for other parties, will reduce the enduring costs for the industry. ▪ One respondent suggested that the given B027 block should remain, as it is an option block and therefore does not need to be populated. This minimises changes to the Interface Spec at this stage. See Programme response on slide 11 ▪ The change will require adjustments to several areas of systems which have already been developed and have completed PIT testing. This will therefore require additional development and testing time to be incorporated before IR8 SIT testing, but should not impact readiness for each cycle of SIT Functional testing.
S/W Providers	<ul style="list-style-type: none"> + Two of the three responding Software Providers supported the implementation of the Change Request. + The IF-040 is a high-volume message, which as an adaptor provider to MPRS, is an overhead to process if there are more pragmatic solutions. – One responding Software Provider rejected the implementation of the Change Request. – It should not be accepted by industry that inaccurate data will not be provided if the Change Request is not implemented. The SLAs are outlined in the design baseline. The responsibilities of the Registration Service have been documented have been documented for a significant period of time in the design artefacts. The knock-on impacts to software systems and therefore supplier systems is not acceptable this close to SIT and during the Programme Change Freeze. – Changes or missing functionality at this stage will likely cause defects and slow down SIT and PIT for Qualification. ▪ The rejecting respondent noted that they would consider Option 2a as an alternative solution.
REC Code Manager	<ul style="list-style-type: none"> – RECCo rejected the implementation of the Change Request. – They expect all parties to meet SLAs included in the baselined design and industry code. – The proposed change is a material change to the MHHS design, impacting multiple parties' processes and systems. Implementing this during the Change Freeze would put Programme milestones at risk and increase delivery costs. All options considered mean technical changes to parties outside of MPRS which could impact the Programme timeline. – The change could significantly impact SIT participant end to end testing, as they will not be in a position to receive Annual Consumption through another route. This will therefore increase the level of testing required by SIT Participants in later cycles or through Qualification Testing. ▪ RECCo suggests that if the Change Request is approved, it should be implemented after M10.

CR039 Impacts – Views on the proposed approach (Page 3)

Programme Parties	Range of respondents' views on benefits and concerns (related to the approach in CR039)
National Grid ESO	<i>Did not respond.</i>
Consumer	<i>Did not respond.</i>
Elxon (Helix)	<ul style="list-style-type: none"> - Helix rejected the implementation of the Change Request. - They expect all involved parties to adhere to the SLAs outlined in the baselined design and industry code. - The proposed alteration constitutes a significant modification to the current MHHS design, affecting the processes and systems of multiple participants. Implementing this change during the Change Freeze period could jeopardise Programme milestones and escalate delivery costs. - The change could significantly impact SIT participant end to end testing, as they will not be in a position to receive Annual Consumption through another route. This will therefore increase the level of testing required by SIT Participants in later cycles or through Qualification Testing. - The change, which has an impact on multiple Participants, systems, and processes, does not meet the threshold to be considered during the Change Freeze, as it is not critical for achieving go-live. Detailed consideration of the change should be postponed until after go-live.
SRO / IM & LDP	<ul style="list-style-type: none"> + The Programme supports the implementation of the Change Request. + The change meets the requirements of the Change Freeze as it removes the risks of delays for St Clements and LDSOs in meeting M10, and aligns with the design principle to centralise processes. <ul style="list-style-type: none"> ▪ If approved, the change would be published in IR8 (April 2024). SIT Functional cycle 3 would prioritise regression testing of IF-001 and IF-036 ahead of testing non-SIT LDSO Qualification Testing. ▪ The Programme notes that their support is dependent on Avanade's ability to meet M10 on time. ▪ The Programme recommends retaining block B027 in order to minimise the impact on other Participants.
IPA	<ul style="list-style-type: none"> ▪ The IPA is comfortable that the change request is not expected to have an impact on their activities.
Avanade	<ul style="list-style-type: none"> + Avanade support the implementation of the Change Request. <ul style="list-style-type: none"> ▪ The Change Request should reflect that a change will be required to the DIP delivery schedule to accommodate the DIP design, build and test of the final specification. ▪ There is a risk that the change will lead to reprioritisation of existing work which may impact committed timelines from the DIP SP for in flight changes, and that additional message volumes within the DIP may incur additional Azure consumption costs for Elxon.

DAG Decision on CR039 'Registration Service IF-40 Change'

The DAG are requested to advise the SRO on whether CR039 should be approved:

DECISION [92]	SRO to approve/reject CR039 and associated implementation approach
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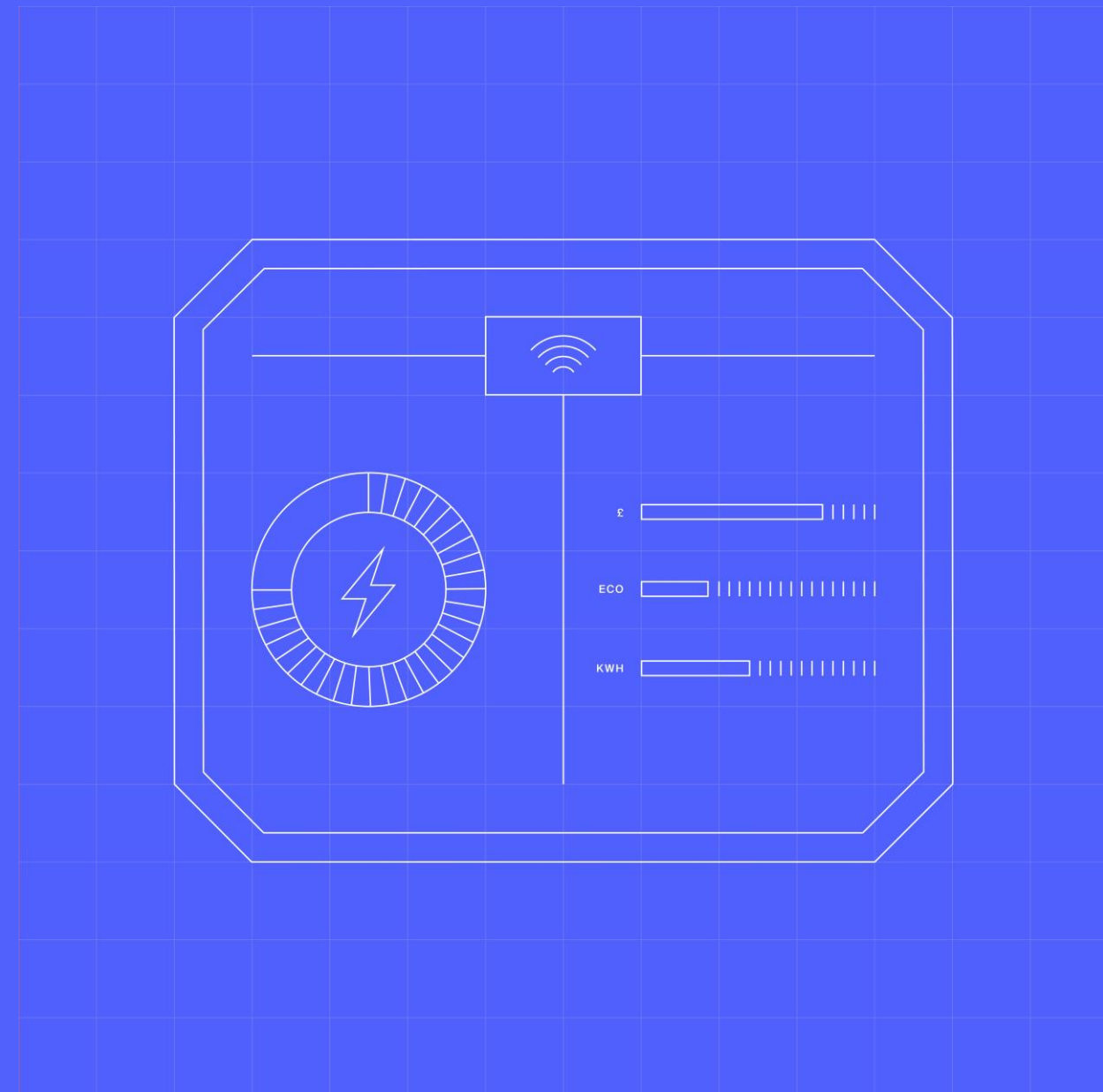
Confirmation of next steps will be provided following the decision

CR040 Decision

DECISION: Decision on approval of Change Request

Chair & Programme (PMO)

20 mins



Objective:

DAG to review the outputs of the issued CR040 Impact Assessments and advise SRO on their decision to approve or reject the redlining in the Change Request.

Headlines:

- Overall: **24 respondents supported the change; 3 respondents rejected the change; and 4 respondents abstained.**
- Support was spread across a wide variety of constituencies, whilst the rejections came from Large Suppliers and an Independent Agent.
- **Those who supported the implementation of the Change Request did so on the following basis:**
 - The change would bring alignment between the L4 validation response NFR and the Operational Choreography.
 - The change would negate DBT costs, which could be passed down to the consumer. It would also remove the requirements to change existing systems to run more frequently, which could impact M10.
- **Those who rejected the Change Request did so on the following basis:**
 - A Large Supplier raised a concern that, when implemented alongside CR034, the change could lead to delays of up to two hours. It would be difficult to handle rejections or exceptions in-day, leading to potential customer detriment.
 - An Agent stated that they cannot be not supportive of any change which lowers ambitions as part of the transition to Net Zero.
- **Further comments:**
 - A Medium Supplier requested that the 60-minute response time frame was extended to all market participants that use a DIP adapter, whilst an Agent stated that their support is provisional to a review of NFRs for all services. *The Programme provided its response based on the CR raised, a wider relaxation was not part of the CR. At this point in time and given the Change Freeze the Programme will not be expanding the relaxation of this NFR as part of a wider review.*
- **Implementation:**
 - If approved, the change would be published in IR8 (April 2024) and participants are expected to implement in readiness for SIT Functional Cycle 3.

CR040 – Submitted Impact Assessments

Programme Parties	CR040 Recommendations			
	Yes	No	Abstain	No Reply
Large Suppliers	1	2	1	1
Medium Suppliers	1	-	-	6
Small Suppliers	-	-	-	33
I&C	3	-	-	38
DNOs	5	-	-	1
iDNOs	7	-	-	6
Ind. Agents	2	1	-	44
Supplier Agents	-	-	-	7
S/W Providers	3	-	-	22
REC Code Manager	-	-	1	-
National Grid ESO	-	-	-	1
Consumer	-	-	-	1
Elexon (Helix)	-	-	-	1
DCC	-	-	1	-
SRO / IM & LDP	1	-	-	-
IPA	-	-	1	-
Avanade	1	-	-	-
Totals	24	3	4	161

Market Share			
Yes	No	Abstain	No Reply
17%	46%	24%	13%
10%	-	-	90%
-	-	-	100%
44%	-	-	56%

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:

- One Large Supplier abstained from providing a recommendation due to the Change Request having a minimal impact on them.
- RECCo, DCC and IPA abstained from providing a recommendation as the change will not impact them.

CR040 Impacts – Views on the proposed approach (Page 1)

Programme Parties	Range of respondents' views on benefits and concerns (related to the approach in CR040)
Large Suppliers	<ul style="list-style-type: none"> + One of the four responding Large Suppliers supported the implementation of Change Request. - Two of the four responding Large Suppliers rejected the implementation of the Change Request. - They raised a concern that, when implemented alongside CR034, the change could lead to delays of up to two hours. It would be difficult to handle rejections or exceptions in-day, leading to potential customer detriment. - It was noted that the Change Request does not address all interfaces impacted by the change. - One respondent stated that they felt there was a lack of clarity as to why the Change Request had been raised. • One Large Supplier abstained due to the Change Request having a minimal impact on them.
Medium Suppliers	<ul style="list-style-type: none"> + The one responding Medium Supplier supported Change Request. • The respondent requested that the 60-minute response time frame should be extended to all market participants that use a DIP adapter.
Small Suppliers	<i>Did not respond.</i>
I&C	<ul style="list-style-type: none"> + The three responding I&C Suppliers supported the implementation of the Change Request.
DNOs	<ul style="list-style-type: none"> + The five responding DNOs supported the implementation of the Change Request. + Implementing the Change Request would bring alignment between the L4 validation response NFR and the Operational Choreography. + The change would negate DBT costs which could be passed down to the consumer. It would also remove the requirements to change existing systems to run more frequently, which would impact M10 whilst serving no benefit to the Programme. + The change would introduce stability to current architecture and will allow DNOs to focus on Testing & Qualification.
iDNOs	<ul style="list-style-type: none"> + The seven responding iDNOs supported the implementation of the Change Request. + Not implementing the change would mean making extensive changes to systems with associated costs, which would materially impact iDNO delivery of the MHHS Programme.

CR040 Impacts – Views on the proposed approach (Page 2)

Programme Parties	Range of respondents' views on benefits and concerns (related to the approach in CR040)
Agents	<ul style="list-style-type: none"> + Two of the three responding Agents supported the implementation of Change Request. + Over stringent NFRs introduce additional costs, which will be ultimately borne by the customer. - One responding Agent rejected the implementation of the Change Request. - Their rejection was based on the fact that they have invested in cutting edge technology to play their part in the transition to Net Zero. They are not supportive of any change which lowers ambitions as part of the transition to Net Zero. <ul style="list-style-type: none"> ▪ One respondent stated that their support is provisional to a review of NFRs for all services.
S/W Providers	<ul style="list-style-type: none"> + The three responding Software Providers supported the implementation of the Change Request. + C&C Group, as a service provider to the majority of DNOs and iDNOs, are in full support of the change to the NFR. + NFRs as written for Level 4 validation would require a change to MPRS and LDSO infrastructure to connect to the DIP directly using a PUSH model. This would greatly complicate the design which in turn would require significant delays to M10, delaying the MHHS Benefits for consumers.
REC Code Manager	<ul style="list-style-type: none"> ▪ The change does not have an impact on REC processes. ▪ The changes to the Operational Choreography need to be clear to ensure that these are correctly reflected in code. Before approval, we would expect that the MHHS Programme SRO and Design Team are happy that the change to a 60-minute SLA is aligned to MHHS Programme design principles.
National Grid ESO	<i>Did not respond.</i>
Consumer	<i>Did not respond.</i>
Elexon (Helix)	<i>Did not respond.</i>
SRO / IM & LDP	<ul style="list-style-type: none"> + The Programme supports the implementation of the Change Request. + The change will align response times to the Operational Choreography. <ul style="list-style-type: none"> ▪ The change would be implemented in IR8 (April 2024) and the Programme testing approach can be developed around this change if it is approved.
IPA	<ul style="list-style-type: none"> ▪ The IPA is comfortable that the change request is not expected to have an impact on their activities.
Avanade	<ul style="list-style-type: none"> + Avanade support the implementation of the Change Request. <ul style="list-style-type: none"> ▪ Their support is contingent on the observations on intra-day message volumes being noted and addressed via separate discussions with the SRO.

DAG Decision on CR040 'Change to NFR E2E1009 for DNO & iDNO roles'

The DAG are requested to advise the SRO on whether CR040 should be approved:

DECISION [93]	SRO to approve/reject CR040 and associated implementation approach
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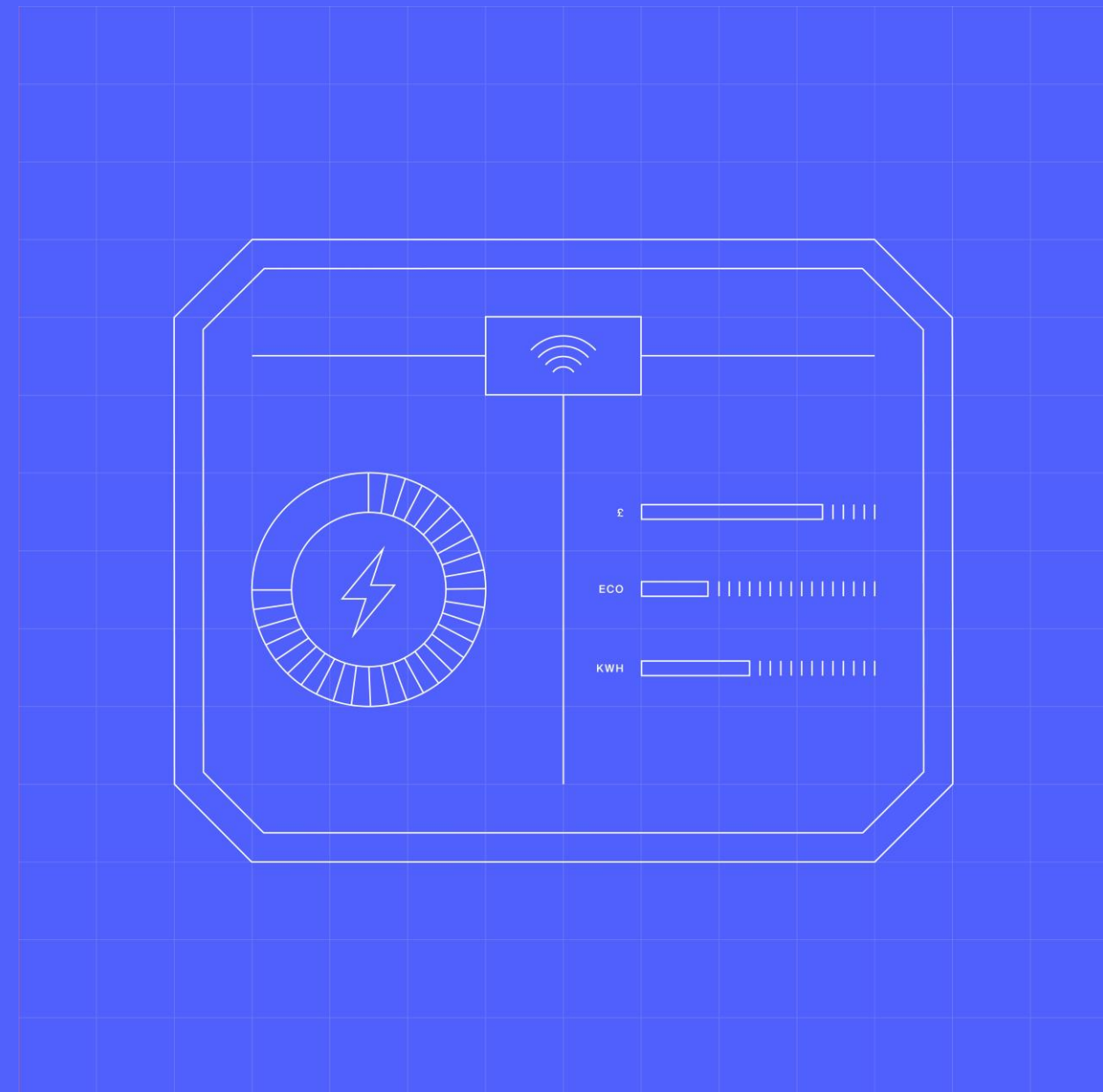
Confirmation of next steps will be provided following the decision

CR041 Decision

DECISION: Decision on approval of Change Request

Chair & Programme (PMO)

20 mins



Objective:

DAG to review the outputs of the issued CR041 Impact Assessments and advise SRO on their decision to approve or reject the redlining in the Change Request.

Headlines:

- Overall: **23 respondents supported the change; 8 respondents rejected the change; and 2 respondents abstained.**
- A significant number of rejections were given on the basis that the **Change Request does not meet the requirements of the Change Freeze.**
- **Those who supported the implementation of the Change Request did so on the following basis:**
 - The change would add future proof to changes within the industry, as it expands role code availability to support future market needs.
 - New role codes have been required to support numerous changes in recent years. The availability of new role codes would make similar future changes possible.
- **Those who rejected the Change Request did so on the following basis:**
 - As there is not an imminent need for a new role code, the Change Request is not critical to M10, nor does it fix a defect in the design, and therefore does not meet the requirements of the Change Freeze.
 - The change to Char(2) is significant and would have an impact on the delivery of MHHS as it would require a significant amount of rework.
 - The proposed change mitigates a risk that may not arise - there is currently no industry need for a new role code.
 - An Agent stated that they cannot be not supportive of any change which lowers ambitions as part of the transition to Net Zero.
- **Further comments:**
 - Of those who supported the change, a significant number did so based on the assumption that existing role codes would remain as single characters.
- **Programme implementation:**
 - The Change Request would require changes to the ISD and ECS reporting.

CR041 – Submitted Impact Assessments

Programme Parties	CR041 Recommendations			
	Yes	No	Abstain	No Reply
Large Suppliers	2	2	-	1
Medium Suppliers	1	-	-	6
Small Suppliers	-	-	-	33
I&C	3	2	-	36
DNOs	5	1	-	-
iDNOs	2	-	-	11
Ind. Agents	2	2	-	43
Supplier Agents	1	-	-	6
S/W Providers	3	-	-	22
REC Code Manager	1	-	-	-
National Grid ESO	1	-	-	-
Consumer	-	-	-	1
Elexon (Helix)	1	-	-	-
DCC	-	-	1	-
SRO / IM & LDP	-	1	-	-
IPA	-	-	1	-
Avanade	1	-	-	-
Totals	23	8	2	159

Market Share			
Yes	No	Abstain	No Reply
41%	46%	-	13%
10%	-	-	90%
-	-	-	100%
16%	52%	-	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 and IPA abstained from providing a recommendation as the change will not impact them.

CR041 Impacts – Views on the proposed approach (Page 1)

Programme Parties	Range of respondents' views on benefits and concerns (related to the approach in CR041)
Large Suppliers	<ul style="list-style-type: none"> + Two of the four responding Large Suppliers supported the implementation of Change Request. + The move to Char(2) would add future proof to changes within the industry. – Two of the four responding Large Suppliers rejected the implementation of the Change Request. – It was agreed that a change is required, but the change to Char(2) would be a significant one. The change is larger than what is reflected in the Change Request and will directly impact the implementation of MHHS. – The change impacts every DIP flow, as well as external and internal reports transferred via the DIP. (The Programme notes that the change does not impact every DIP flow, but ISD and some ECS reports). This may require a significant amount of rework, particularly in testing. • It was suggested that the use of capital and lower-case letters should be investigated further, as this may be easier to implement.
Medium Suppliers	<ul style="list-style-type: none"> + The one responding Medium Supplier supported Change Request. • The respondent requested confirmation of the imminency of the new role code being required, and whether the proposed change could instead be managed by making use of some role codes that become available when existing role codes are decommissioned.
Small Suppliers	<i>Did not respond.</i>
I&C	<ul style="list-style-type: none"> + Three of the five responding I&C Suppliers supported the implementation of the Change Request. – Two of the five responding I&C Suppliers rejected the implementation of the Change Request. – The purpose of the change is to mitigate a medium-term risk that may or may not arise over the next few years. This approach is too cautious, and in turn creating cost and effort to facilitate a “what if” scenario. – One respondent identified impacts across 13 separate systems through the CP1589 assessment consultation, all of which will require support from a service provider and in house Service support teams to facilitate the change. As such, we have assessed significant for facilitating this change. – There are sufficient role codes at present for the parties in the market. Introducing this change will not prevent any parties from being part of the new MHHS arrangement and the change is not required by M10. – Due to a new role code not being required imminently, the Change Request does not meet the requirements of the Change Freeze.
DNOs	<ul style="list-style-type: none"> + Five of the six responding DNOs supported the implementation of the Change Request. + The change is required to expand the role code availability to support future market needs. – One responding DNO rejected the implementation of the Change Request. – The change is going to be required in the future. However, at this time it will impact all industry flows and systems. The benefits will be negated by the substantial changes required not only to participant systems but to the MHHS design processes and test scenarios. – Current systems are not capable of handling such a significant change without extensive analysis and Design, Build and Test (DBT). This would impact all MHHS milestones. • Two respondents gave their support based on the assumption that the existing single character role codes will continue to be reported as Char(1) and will not be ‘padded’ to Char(2). If the single characters will become double, there will be an additional resource impact on service providers to accommodate a more complex change.

CR041 Impacts – Views on the proposed approach (Page 2)

Programme Parties	Range of respondents' views on benefits and concerns (related to the approach in CR041)
iDNOs	<ul style="list-style-type: none"> + The two responding iDNOs supported the implementation of the Change Request. • Their support is based on the assumption that the existing single character role codes will continue to be reported as Char(1) and will not be 'padded' to Char(2). If the single characters will become double, there will be an additional resource impact on service providers to accommodate a more complex change.
Agents	<ul style="list-style-type: none"> + Three of the five responding Agents supported the implementation of Change Request. – Two responding Agents rejected the implementation of the Change Request. – As the change is not critical to go-live at M10, and does not fix a defect in the design, it should be rejected due to the Change Freeze. – As there is no current industry need for any additional role codes, the CR is looking to fix a problem that does not yet exist. ▪ One respondent suggested a phased approach to the change, to allow legacy systems to effectively 'ignore' the new two-digit role codes until interaction is required, to reduce change to these systems. Further, they questioned whether the change could be made in future BAU change, as no new role codes are in the pipeline ahead of go-live.
S/W Providers	<ul style="list-style-type: none"> + The three responding Software Providers supported the implementation of the Change Request. • Their support is based on the assumption that the existing single character role codes will continue to be reported as Char(1) and will not be 'padded' to Char(2). If the single characters will become double, there will be an additional resource impact on service providers to accommodate a more complex change.
REC Code Manager	<ul style="list-style-type: none"> + RECCo are supportive of the implementation of the Change Request. + They believe it should not have an adverse impact on the Programme's schedule or impact major milestones. + New role codes have been required to support numerous changes in recent years. Without the availability of new role codes, similar future changes will not be possible. Not implementing this change will create a block on potential non MHHS related change and prevent future innovation.
National Grid ESO	<ul style="list-style-type: none"> + ESO are supportive of the implementation of the Change Request. • Their support is based on the assumption that the existing single character role codes will continue to be reported as Char(1) and will not be 'padded' to Char(2). If the single characters will become double, there will be an additional resource impact on service providers to accommodate a more complex change.
Consumer	<p><i>Did not respond.</i></p>

CR041 Impacts – Views on the proposed approach (Page 3)

Programme Parties	Range of respondents' views on benefits and concerns (related to the approach in CR041)
Elexon (Helix)	<ul style="list-style-type: none"> + As the Change Raisers, Helix are supportive of the implementation of the Change Request.
SRO / IM & LDP	<ul style="list-style-type: none"> - The Programme has rejected the implementation of the Change Request on the basis of the Change Freeze requirements. - Because there is no immediate need for a new role code, the Change Request is not critical to M10, and therefore does not meet the requirements of the Change Freeze. <ul style="list-style-type: none"> ▪ If the Change Request is approved, it would require changes to the ISD, which would be published as part of post-M10 design release
IPA	<ul style="list-style-type: none"> ▪ The IPA is comfortable that the change request is not expected to have an impact on their activities. ▪ They noted that the interfaces which transmit the relevant information would have to be updated to accommodate the new field format, and therefore all parties would need to perform regression testing to ensure that files were transferred successfully, and systems could identify the new two-digit field.
Avanade	<ul style="list-style-type: none"> + Avanade are supportive of the implementation of the Change Request. <ul style="list-style-type: none"> ▪ If approved, the change would be added to the DIP 'Backlog of Change'. The priority for DIP delivery would be determined in discussion with the Programme and SRO. ▪ There is a risk that the change will lead to reprioritisation of existing work which may impact committed timelines from the DIP SP. ▪ Agreement from the DIP SP is contingent on the necessary contract change being approved via the SRO and Programme.

DAG Decision on CR041 'Change the format of Market Participant Role Code from Char(1) to Char(2) '

The DAG are requested to advise the SRO on whether CR041 should be approved:

DECISION [94]	SRO to approve/reject CR041 and associated implementation approach
----------------------	---

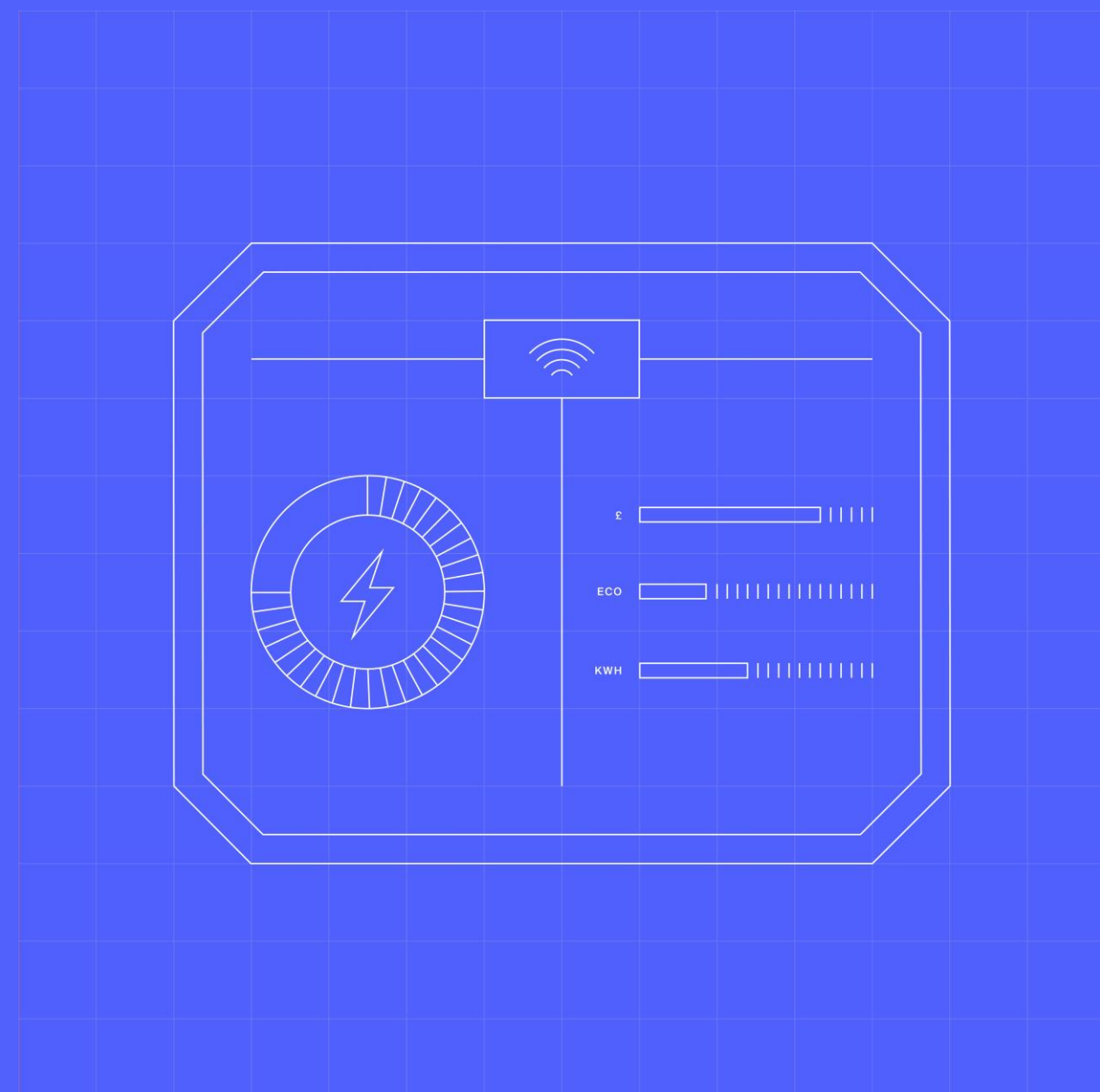
Confirmation of next steps will be provided following the decision

CR043 Impact Assessment

DECISION: Decision on issuing CR043 for Impact Assessment

Chair, Programme (PMO) & Mike Ceney (Elexon)

15 mins



CR043 Overview

Objective: DAG to validate CR043 and issue to Impact Assessment

Supplier Registration of ABMU and MPAN Mapping

Issue Statement:

- In order to correctly perform its calculations, MDS requires Suppliers to register their MPAN/ABMU Mapping. Currently, they send a D0297 to HHDA's to provide the Mapping and can populate the SVA Metering Service Register for MSID Pairs where they are used in the Balancing Mechanism using the P0278 and self-service via ELEXON Kinnect.
- This doesn't work in MHHS because;
 - There are no HHDA's in MHHS TOM so the D0297 will need to be sent somewhere else
 - The validation in Kinnect only supports instances where both export and import are with a single supplier as per current Operating Model
- There is a gap in the Design and no way for Participants to provide the data to MDS.

Description of Change:

- The proposed change is to replicate the existing legacy process whereby the supplier sends a D0297, which holds the MPAN_ABMU Mapping, to MDS. MDS will then validate the request and then either D0294 or D0295 to accept or reject the request.
- To facilitate this change, it requires a routing change for the flows mentioned, changing from HHDA to MDS as a recipient and sender.

Target Date of Change and Next Steps:

- If DAG agrees Change Request is valid, it should be submitted for an industry Impact Assessment.
- The Programme would suggest a target implementation date of IR8 in April 2024.

The screenshot shows a 'Change Request Form' for the MHHS Programme. The form title is 'Change Request Form' and the details are as follows:

Change Request details			
Change Request Title	Supplier Registration of ABMU/MPAN mapping		
Change Request Number	CR043		
Originating Advisory / Working Group	DRG		
Risk/issue reference	MHHS-DIN-651		
Change Raiser	Mike Coney, Elexon	Date raised:	24/01/2024

Below the table, there is a note: "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."

At the bottom, there is a section titled "Change Request to be read in conjunction with:" which lists:

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

The MHHS Programme logo is visible in the top left and bottom right corners of the form.

MHHS-DEL2262 CR043 Draft

DAG Decision on CR043 Impact Assessment

The DAG are requested to advise the SRO on whether CR043 should be issued for Impact Assessment:

DECISION [95]	SRO / DAG Chair to approve/reject the issuing of CR043 for Impact Assessment
----------------------	---

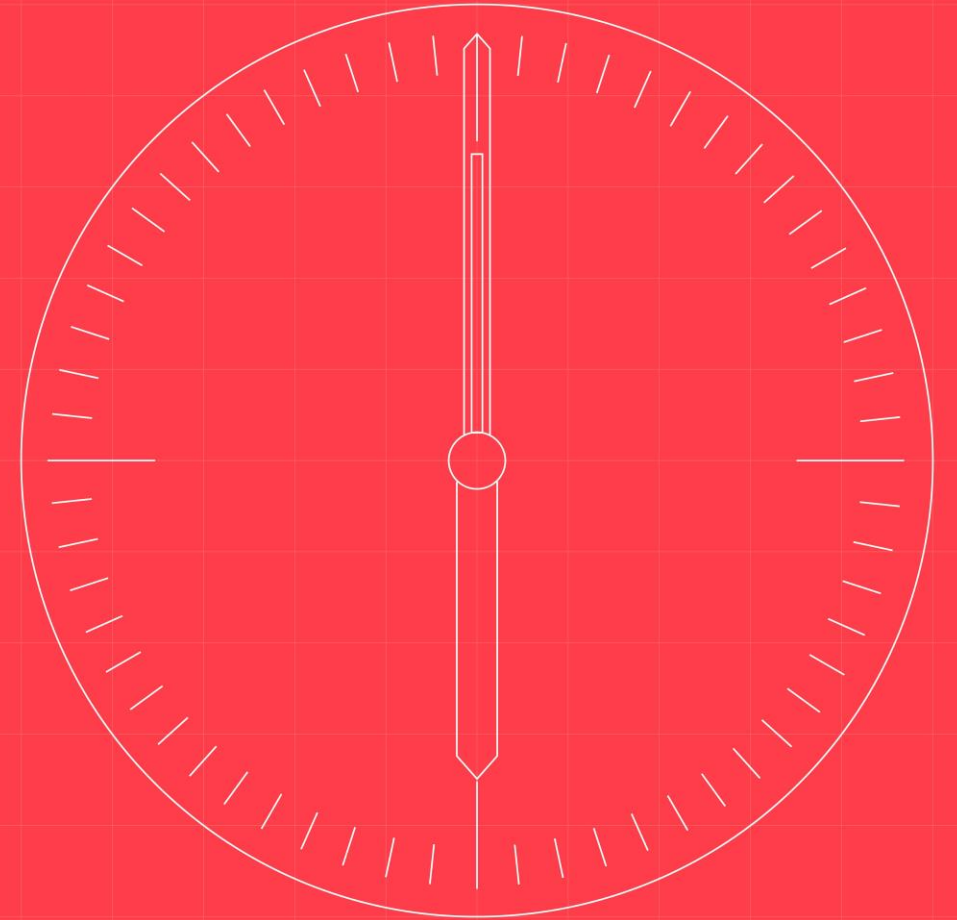
Confirmation of next steps will be provided following the decision

Design Updates

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

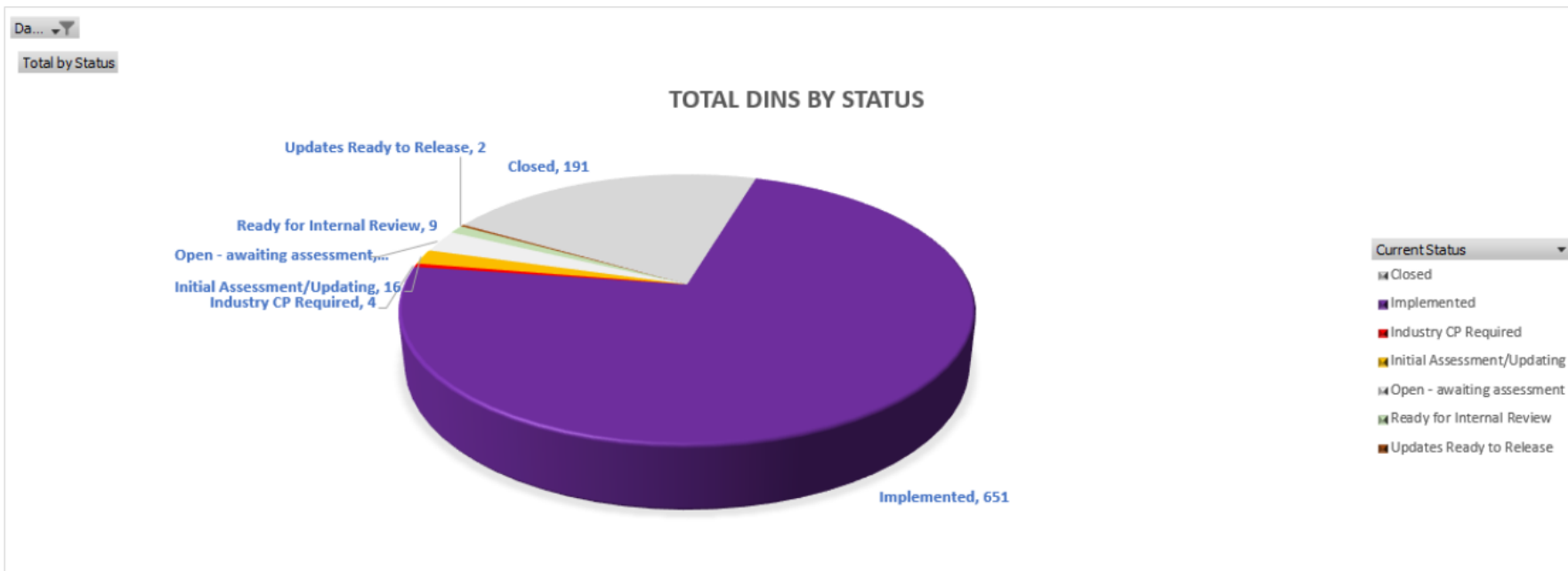
Programme (Paul Pettitt)

10 mins



DIN Log Stats as at 7 February 2024

Total Recorded DINs 897



Total DINs by Status

Current Status	Total by Status
Closed	191
Implemented	651
Industry CP Required	4
Initial Assessment/Updating	16
Open - awaiting assessment	24
Ready for Internal Review	9
Updates Ready to Release	2
Grand Total	897

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	25
Interim Release 5.1	25
Interim Release 2.1	3
Interim Release 2.2	1
Post Go-live Release	13
TBC	6
Interim Release 5.2	20
Interim Release 2.3	6
Interim Release 5.3	2
Interim Release 5.4	9
Grand Total	704

Total Open DINs

Status	Total by Status
Industry CP Required	4
Initial Assessment/Updating	16
Open - awaiting assessment	24
Ready for Internal Review	9
Updates Ready to Release	2
Grand Total	55

Total Closed DINs

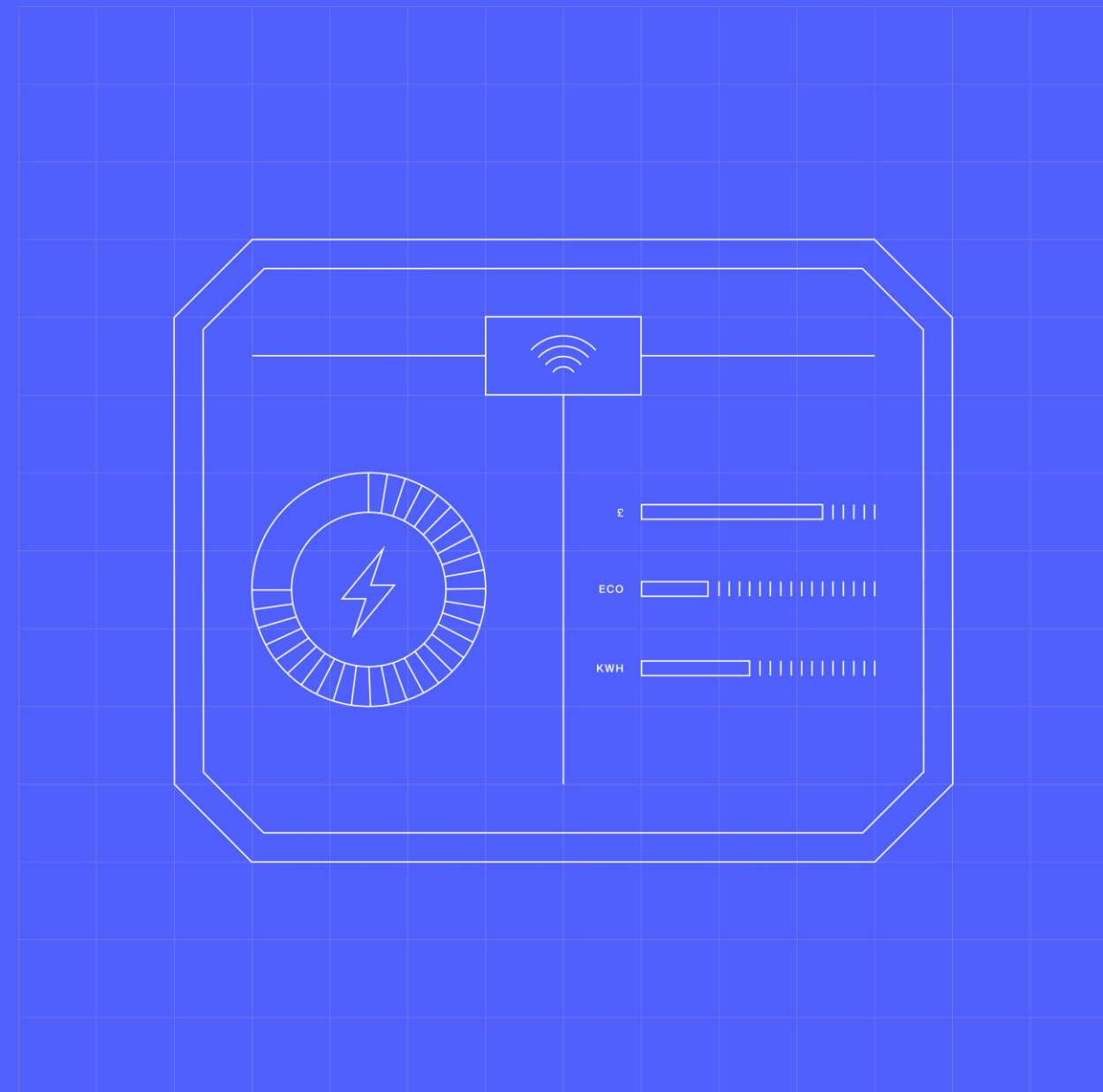
Status	Total by Status
Closed	191
(blank)	191
Implemented	651
Interim Release 1	133
Interim Release 2	103
Interim Release 3	57
Interim Release 4	84
Interim Release 5	103
Interim Release 6	34
Interim Release 7	80
Interim Release 5.1	25
Interim Release 2.1	3
Interim Release 2.2	1
Interim Release 5.2	20
Interim Release 2.3	6
Interim Release 5.3	2
Grand Total	842

Top Programme Risks related to DAG

INFORMATION: Overview of Programme Risks related to DAG

Programme (PMO)

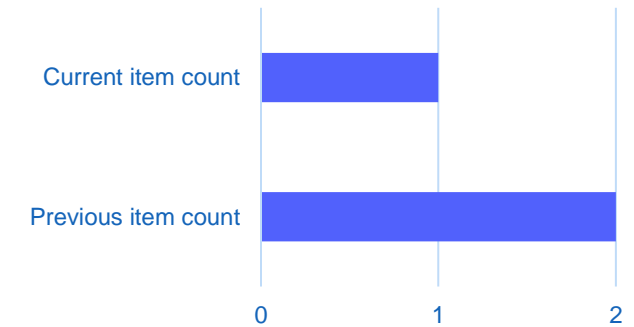
5 mins



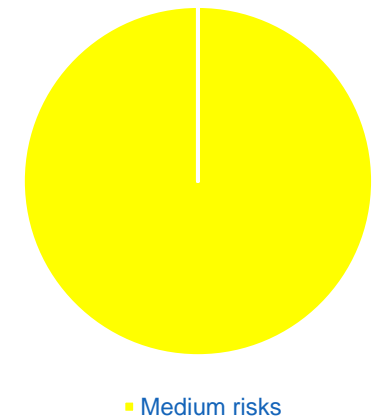
Top Programme Risks related to DAG

Risk/Issue ID	Risk Description	Risk Impact	RAG	Mitigation
R432	There is a risk that new and existing Change Requests have a material impact on the baseline Design	<p>This could result in potential impacts to participant design and prevents participants meeting M9 milestone.</p> <p>This also may have implications for Code drafting.</p>	Medium	<p>1) Monitoring Change Requests and understanding their impact on Design</p> <p>2) Where changes not concluded, making clear what risks are contained within future Programme planning</p> <p>3) Code Freeze agreed at PSG limits further Design changes unless they have a significant impact on the progression of milestones</p>

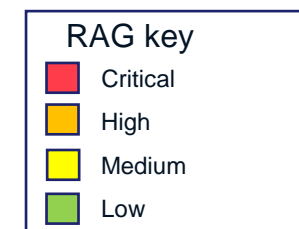
DAG risk count



DAG risks RAG



Items can be raised to the Programme RAID log using the [RAID input form](#). Please refer to the Programme [Digital PMO \(DPMO\)](#) to see Programme risks in more detail

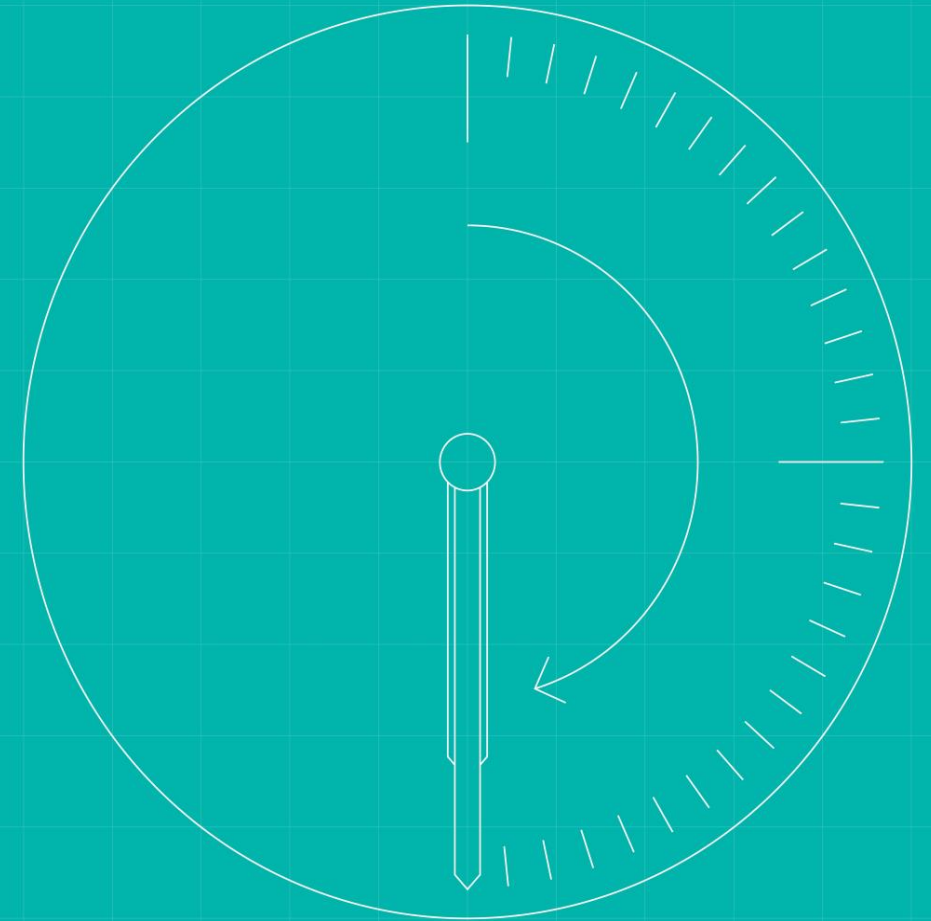


Upcoming Programme Milestones related to DAG

INFORMATION: Overview of upcoming Programme Milestones related to DAG

Programme (PMO)

5 mins



Upcoming milestones relevant to DAG

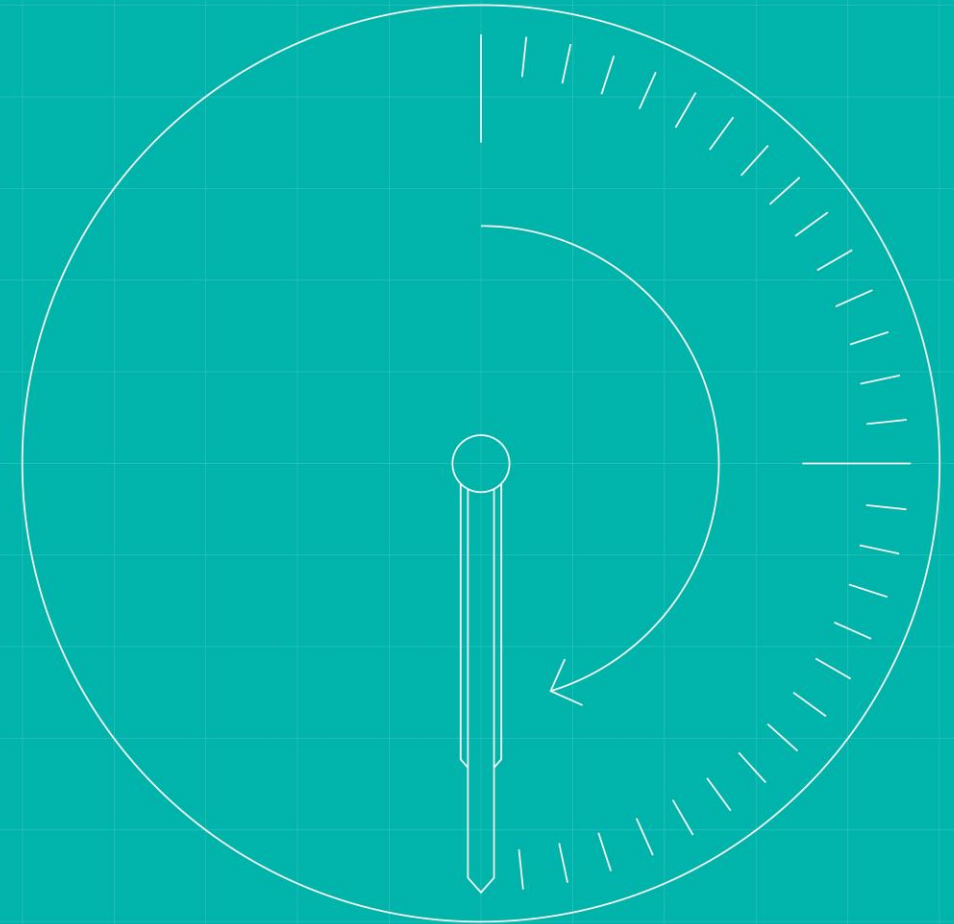
Milestone ID	Responsible	Milestone Title	Baseline Date	Forecast Date	Previous RAG 10/01/24	Current RAG 14/2/24	Forecast RAG 13/3/24	Commentary
T3-DB-0098	SI Design	Interim release 7 Go live	Wed 31/01/24	Wed 31/01/24	On track	Complete	On track	
T3-DB-0099	SI Design	Interim release 8 Go live	Wed 03/04/24	Wed 03/04/24	On track	On track	On track	

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 advised DESNZ consider smart metering as an important factor in future innovation. Progressing MHHS according to the timelines within the Programme Plan is considered essential and DESNZ are keen to support industry parties in ensuring timelines are met.
- Qualification Testing:** Responses on the draft Qualification Approach and Plan are due 14 February 2024. Further consultation will be issued soon. Notice of all consultations and response deadlines will be provided in The Clock.
- Migration Updates:** A Migration Control Centre (MCC) Framework is under development with workshop sessions to be held in February 2024. Initial principles and known complexities were shared with the PSG. Participants are encouraged to attend the Migration Working Group to support understanding of migration requirements.
- CR042 Decision:** The PSG approved CR042 which changes a Tier 2 migration milestone date.
- Future Readiness Assessments:** Changes to upcoming Readiness Assessments were approved which reduce effort required by participants.
- CR036 Decision Appeal:** The IPA advised the appeal is ongoing, and reminded parties they are expected to continue activities according to the original decision.

PSG papers available [here](#).

Testing and Migration Advisory Group (TMAG)

TMAG 17 January 2024

- CR037 Decision:** The TMAG approved CR037 ([Migration Message Processing Choreography Update](#)) was approved for implementation. The updated MHHS Design will be included in Interim Release (IR) 8 on 03 April 2024 and will be deployed into SIT Non-Functional testing scheduled to commence on 02 September 2024.
- SIT Functional Test Scenarios and Test Cases:** Theme 8 (settlement and coverage gaps) were issued for review on 12 & 19 January 2024. The Programme will respond to all comments received ahead of the target approval date at the February 2024 SIT Advisory Group (SITAG).
- SIT Functional Test Scenarios and Test Cases (Themes 6,7,9):** Themes 6, 7, 8 were issued to participants for review on 15 December 2024 and replies provided to respondents. On 08 January 2024 the SITWG recommended approval. The TMAG approved themes 6, 7, 8.
- Additional Secondary Routing:** The Programme advised additional secondary routing testing would be conducted between CIT and SIT Functional, led by the Programme Testing Team. The DIP Simulator will be extended for this, and following successful completion, IR5.3 will be deployed.

TMAG papers available [here](#)

Design Advisory Group (DAG)

DAG 10 January 2024

- CR039 Impact Assessment:** CR039 ([Registration Service IF-40 Change](#)) was approved for issuance to IA subject to agreed amendments. Responses are due by 31 January 2024.
- CR040 Impact Assessment:** CR040 ([Change to NFR E2E1009 for DNO IDNO roles \(LDSO UMISO Registrations\)](#)) was approved for issuance to IA subject to agreed amendments. Responses are due by 24 January 2024.
- CR041 Impact Assessment:** CR041 ([Change the format of Market Participant Role Code from Char\(1\) to Char\(2\)](#)) was approved for issuance to IA subject to agreed amendments. Responses are due by 24 January 2024.
- Interim Releases:** The next design releases are IR7 on 31 January 2024 and IR8 on 03 April 2024. Subsequent release dates are TBC.
- CR036 Updates:** CR036 ([Use of Clock Midnight for Appointments and Reads](#)) was approved at the December 2023 DAG meeting and is scheduled for IR7 with implementation in SIT Functional Cycle 2 in June 2024. A Design Resolution Group (DRG) was held 12 January 2024 to refine the redlining of the change that will be released in IR7.

DAG papers available [here](#)

Cross Code Advisory Group (CCAG)

CCAG 23 January 2024

- CDWG Escalations:** The CCAG approved the Transitional Text and Interfaces code drafting following a recommendation from the CDWG. It was confirmed that any changes to the approved text as a result of new Programme Change Requests (CRs) or Design Issue Notifications (DINs) which progress despite the Programme change freeze would be reviewed and approved as part of the 'Topic Area Mop-Up' code drafting tranche.
- Consequential Code Change Delivery:** The BSC advised qualification and performance assurance code drafting will be discussed at the January 2024 Elexon PAB. The CUSC advised changes to TNUoS charging required as a result of MHHS have been discussed with Ofgem and will be decoupled from CCAG-led code drafting and progressed via standard CUSC governance. CUSC changes are targeted for approval by 30 September 2024 for the start of the charging year.
- Licence Review:** The Programme has reviewed potential licence changes required for MHHS and no change requirements have been identified. A consultation will be issued in due course.

CCAG papers available [here](#)

Wider Programme Updates

Participant Checklist:

- REMINDER: Data Cleanse Plan Consultation – the deadline is **Friday 9 February 2024**
- SIT Migration Theme 1 Test Scenarios and Cases Consultation – the deadline is **Monday 12 February 2024**
- Component Integration Testing (CIT) Completion Test Report Template - the deadline is **Tuesday 13 February 2024**.
- REMINDER: Qualification Approach & Plan Consultation – the deadline is **Wednesday 14 February 2024**
- REMINDER: Qualification Approach & Plan Annex 1: Non-SIT Licensed Distribution System Operator (LDSO) MHHS Qualification Testing Approach & Plan Consultation – the deadline is **Wednesday 14 February 2024**
- REMINDER: Qualification Approach & Plan Annex 4: Non-Completion of Qualification Consultation – the deadline is **Wednesday 14 February 2024**
- Systems Integration Testing (SIT) Functional Participant Readiness Report Template – the deadline is **Wednesday 14 February 2024**
- REMINDER: MHHS Supply, Distribution & Transmission Licence Review Consultation – the deadline is **Wednesday 13 March 2024**
- Pre-Qualification Submission – the deadline is **Friday 26 April 2024**
- Design Interim Release 5.4 being published today
- Design Interim Release 7 Artefacts published
- Change Request 42 approved by the Programme Steering Group (PSG)
- SIT Functional Test Scenarios & Test Cases uplifted

You can view the **Participant Checklist** on the respective **Planning pages** of the [Collaboration Base](#) and the [MHHS website](#).

Upcoming Governance Meetings:

- Thursday 8 February 2024:** Migration Working Group (MWG)
- Tuesday 13 February 2024:** Code Drafting Working Group (CDWG)
- Tuesday 13 February 2024:** Qualification and End-to-end (E2E) Sandbox Working Group (QWG)
- Wednesday 14 February 2024:** [Design Advisory Group \(DAG\)](#)
- Wednesday 14 February 2024:** Transition and Operational Readiness Working Group (TORWG)

Programme News:

Code Mo Up 2: Final Review Consultation: Programme participants will have a **final opportunity to review and provide feedback on Code Artefacts** in the upcoming **Mop Up 2 consultation**. The Programme will publish the Mop Up 2 Code Artefacts for participant review on **19 February 2024** and comments will be due by **17:00 on 11 March 2024**.

Level 3 Advisory Groups following the Testing & Migration Advisory Group (TMAG) restructure: We've updated the respective **Governance pages** of the MHHS website to include information about these new Advisory Groups, published the calendar of upcoming meeting dates, and this is where you'll be able to find the meeting papers and headline reports before and after the meetings.

- [Systems Integration Testing Advisory Group \(SITAG\)](#) - **Wednesday 21 February 2024**
- [Qualification Advisory Group \(QAG\)](#) - **Thursday 22 February 2024**
- [Migration & Cutover Advisory Group \(MCAG\)](#) - **Tuesday 27 February 2024**

You can still view materials from previous TMAG meetings on the [Historic Testing Governance Groups page of the MHHS website](#).

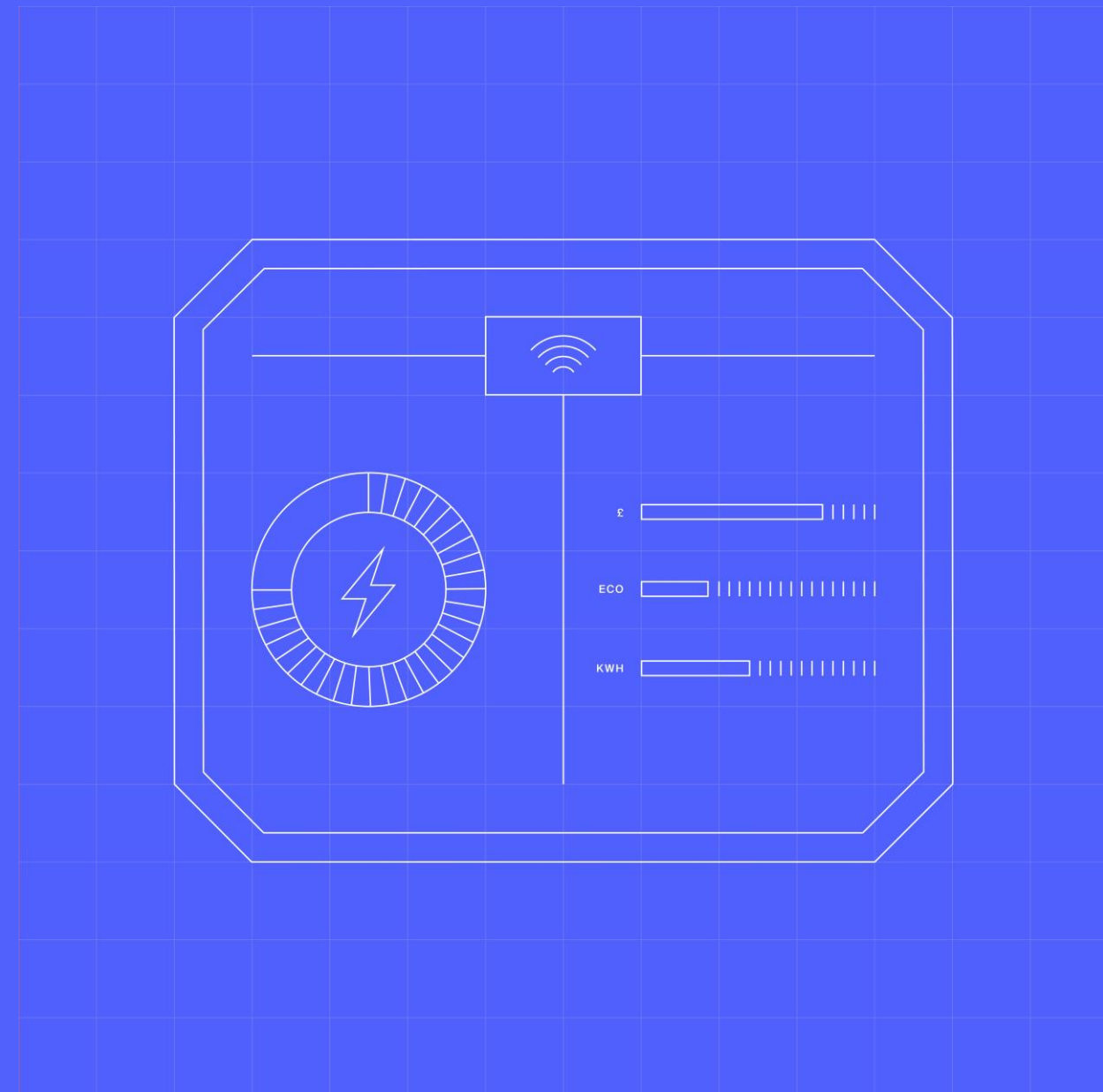
Simulators & Emulators Update: Data Integration Platform (DIP) Simulator Early Uplift: The Programme will implement an early uplift to the DIP Simulator to incorporate changes to Interim Release 5.4 Design Artefacts.

Summary and Next Steps

INFORMATION: Summarise key discussions, actions, and next steps

Chair & Secretariat

10 mins



Summary and Next Steps

Next steps:

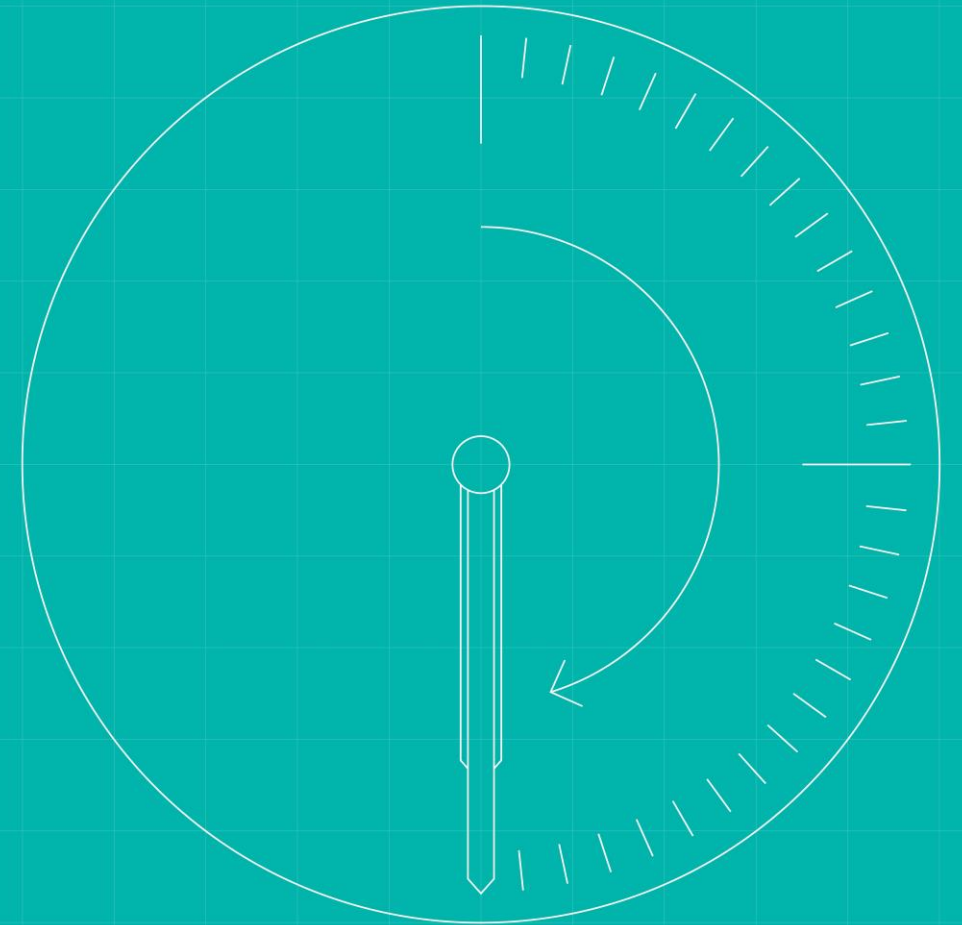
- Confirm actions and decisions from meeting
- Next DAG meeting: **13 March 2024 at 10am**

DAG agenda roadmap:

Meeting dates	13-March	10-April	08-May
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)

Appendix



New Advisory Groups Update

Updated 07/02/2024. Please note content may be subject to change.

System Integration & Testing Advisory Group (SITAG)	
Monthly cadence: Third Wednesday of the month First Meeting: Weds 21 Feb 2024	
Representative	Nomination received
Elexon (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
Elexon (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	
Changed since last DAG	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.

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.