



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

Design Advisory Group #28

13 September 2023

Version 1.0

MHHS-DEL1610

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	Upcoming Programme Milestones related to DAG	Update on the upcoming Programme Milestones related to DAG	Information	Programme (PMO)	10:25-10:35 <i>10 mins</i>	7
4	CR023 Decision	Overview of implementation plan and decision on approval of CR023 Standardisation of Interfaces within the Smart Data Services	Decision	Programme (PMO)	10:35-10:45 <i>10 mins</i>	9
5	CR027 Decision	Overview of implementation plan and decision on approval of CR027 DUoS E-Billing DIP message for MHHS	Decision	Programme (PMO)	10:45-10:55 <i>10 mins</i>	17
6	CR028 Decision	Decision on approval of CR028 EES and SDEP Requirements	Decision	Programme (PMO)	10:55-11:05 <i>10 mins</i>	25
7	CR029 Decision	Decision on approval of CR029 DIP LDSO Interface Processing	Decision	Programme (PMO)	11:05-11:15 <i>10 mins</i>	31
8	CR030 Decision	Decision on approval of CR030 Introduction of Compressed Payloads into DIP Messages	Decision	Programme (PMO)	11:15-11:25 <i>10 mins</i>	37
9	CR031 Approval for Impact Assessment	Decision to approve CR031 Amending Transition Design Milestone Description and Delivery Date to Impact Assessment	Decision	Programme (Andrew Margan)	11:25-11:35 <i>10 mins</i>	44
10	DES-196 D-Flow and Interface Mapping	Decision on approval of supplementary documents	Decision	Programme (Derek Weaving)	11:35-11:45 <i>10 mins</i>	47
11	Design (DIN)	Update on Design (DIN)	Information	Programme (Paul Pettitt)	11:45-11:50 <i>5 mins</i>	50
	Break				11:50-12:00 <i>10 mins</i>	52

Agenda (2/2)

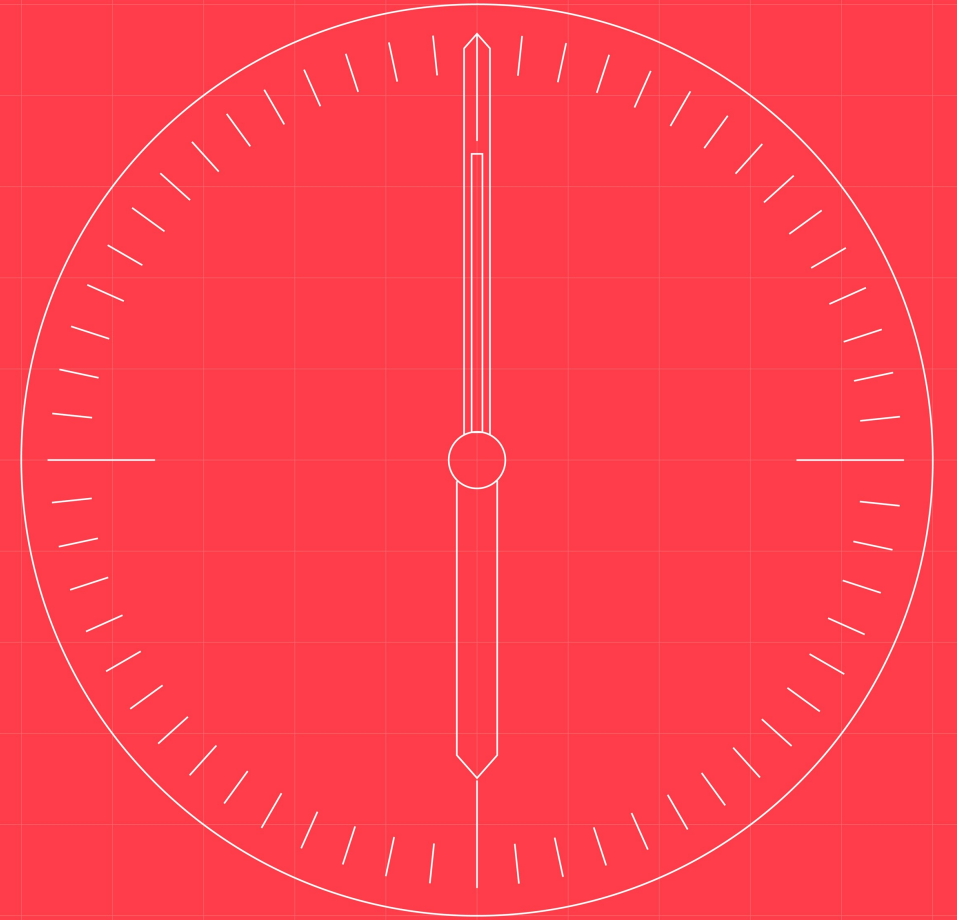
#	Item	Objective	Type	Lead	Time	Page
12	DAG Terms of Reference	Review and approval of updated DAG Terms of Reference	Decision	Chair	12:00-12:20 20 mins	53
13	Top Programme Risks related to DAG	Update on the top Programme Risks related to DAG	Information	Programme (PMO)	12:20-12:30 10 mins	56
14	Programme Updates	Updates from other MHHS governance groups and wider Programme updates	Information	Programme (PMO)	12:30-12:35 5 mins	58
15	Summary and Next Steps	Summarise key discussions, actions, and next steps	Information	Chair & Secretariat	12:35-12:45 10 mins	60
	Appendices / Attachments	<p>Appendix 1 – MHHS Governance Query and Escalation</p> <p>Attachment 1 – CR028 – EES and SDEP Requirements</p> <p>Attachment 2 – CR028 Appendix 1 – BRS006 EES and SDEP Requirements CR Redlining</p> <p>Attachment 3 – CR028 Appendix 2 – DES 138 Interface Catalogue – CR Redlining</p> <p>Attachment 4 – CR028 Appendix 3 – BPD001 Change of Supply CR Redlining</p> <p>Attachment 5 – CR029 – DIP LDSO Interface Processing</p> <p>Attachment 6 – CR030 – Introduction of Compressed Payloads into DIP Messages</p> <p>Attachment 7 – Data Catalogue v.5.2.1</p> <p>Attachment 8 – MHHS impacts to BSC owned Data Flows v0.5</p> <p>Attachment 9 – DES-196 D-Flow and Interface Mapping Supplementary Documents</p> <ul style="list-style-type: none"> • MM00aaa – Daaaa – 001 – Supplier Half Hourly Demand Report (MHHS) v0.5 • MM00bbb– Dbbbb – 001 – Supplier Settlement Header Report (MHHS) v0.5 • MM00ccc – Dcccc – 001 – GSP Group Consumption Totals Report (MHHS) v0.5 • MM00ddd – Ddddd – 001 – Supplier BM Unit Report (MHHS) v0.5 <p>Attachment 10 – Updated DAG Terms of Reference v1.1</p>			62	

Minutes and Actions

DECISION: Approval of minutes and review of actions

Secretariat

20 mins



Minutes and Actions Review

- Approve Headline Report and Minutes of DAG held [09 August 2023](#)
- Review outstanding actions:

Ref	Action	Owner	Due	Latest update
DAG27-08	Programme to confirm version incrementing arrangements for data flows and scenario variants changing as a result of MHHS	Programme (Matt McKeon)	13/09/2023	ONGOING: Action is ongoing until October when the Data Specification code drafting is published
DAG27-09	Programme to consider inclusion of open DINs by age in DIN reporting provided to DAG	Programme (Paul Pettitt)	13/09/2023	RECOMMEND CLOSED: See agenda item 10. New reporting provided.
DAG27-10	Programme to confirm how external code changes required as a result of DINs are progressed	Programme (Matt McKeon)	13/09/2023	RECOMMEND CLOSED: Code Bodies must review DIN Log and coordinate with Programme on assessment of whether external code change is required. Where the Programme becomes aware of a potential need for external code change, it will notify the relevant Code Body to request assessment. The Cross Code Advisory Group (CCAG) is the appropriate governance group for code-related matters to be discussed.
DAG20-03	DAG members to provide any views on the role of DAG post M5 Work-Off Plan completion to support review of DAG ToR	DAG Members	Ongoing	RECOMMEND CLOSED: See agenda item 12
DAG17-02	Chair to review the DAG Terms of Reference to ensure there is clarity over the role of DAG post-M5	Chair	Ongoing	RECOMMEND CLOSED: See agenda item 12

Minutes and Actions Review

- Approve Headline Report and Minutes of DAG held [09 August 2023](#)
- Review outstanding actions:

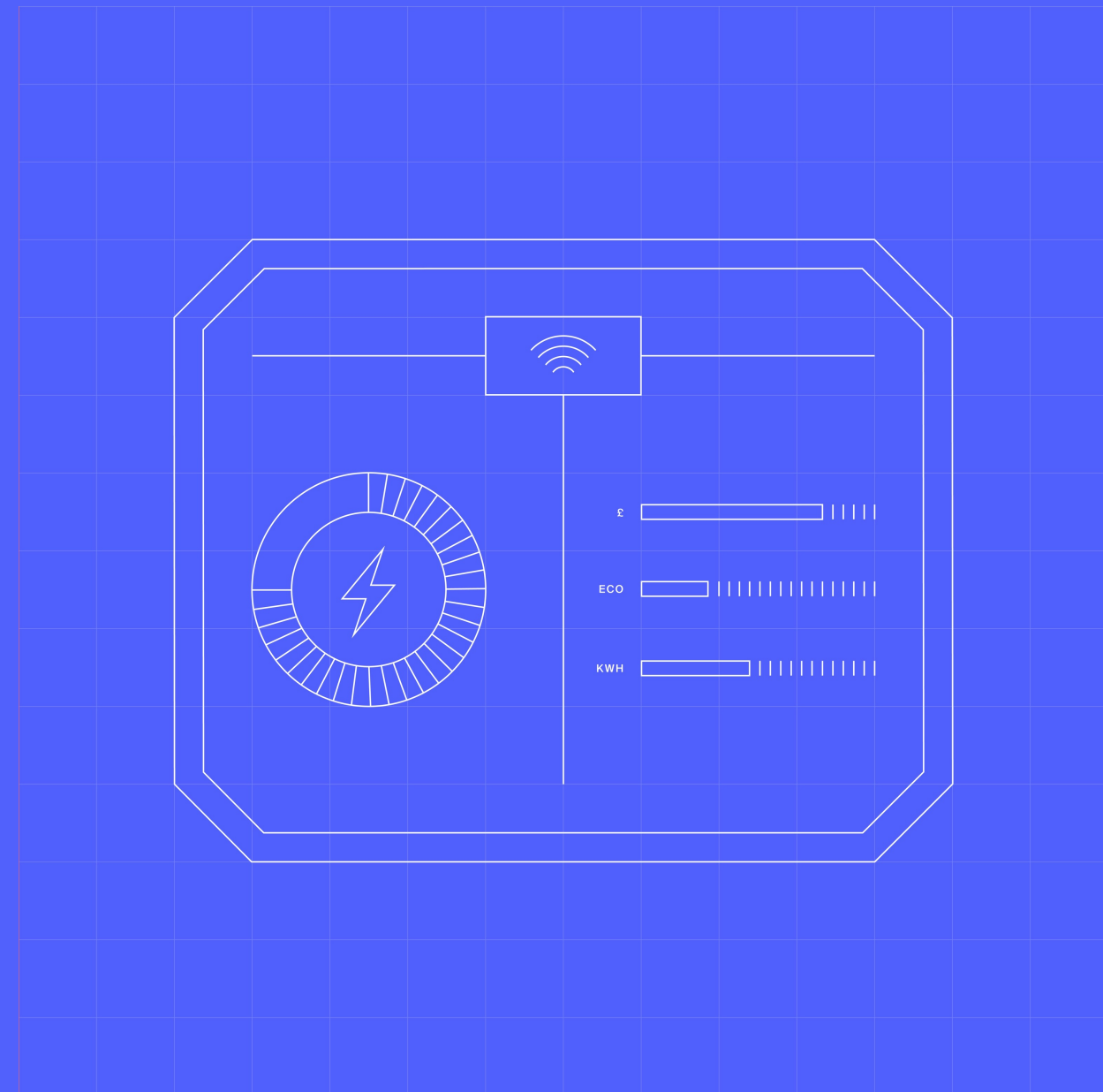
Ref	Action	Owner	Due	Latest update
DAG27-01	Programme to provide escalation/appeal information slide alongside Headline Report.	Programme (PMO)	11/08/2023	RECOMMEND CLOSED: Process slide provided alongside Headline Report for DAG held 09 August 2023. Slide provided as Appendix 1 of these papers also.
DAG27-02	Programme to provide implementation plan for CR023	Programme (PMO)	13/09/2023	RECOMMEND CLOSED: See agenda item 3.
DAG27-03	Programme to add CR023 and CR027 Impact Assessment responses are published to the Programme Collaboration Base	Programme (PMO)	ASAP	RECOMMEND CLOSED: Impact Assessment Reports and Recommendations published on the MHHS website .
DAG27-04	Programme to provide implementation plan for CR027	Programme (PMO)	13/09/2023	RECOMMEND CLOSED: See agenda item 4.
DAG27-05	RECCO to update CR028 to clarify option to use SDEP is not being removed	RECCo (Sarah Jones)	ASAP	RECOMMEND CLOSED: Updated CR received and issued for Impact Assessment (IA).
DAG27-06	NGED to update CR029 to clarify how responses to the proposed optional PUB flows would operate	NGED (Rachael Prosser)	ASAP	RECOMMEND CLOSED: Updated CR received and issued for Impact Assessment (IA).
DAG27-07	Programme to update CR030 to include additional information on compression rates, requirements for parties to unzip files, any salient security considerations, and the intention this method is applied to further ECS reports	Programme (Robert Golding)	ASAP	RECOMMEND CLOSED: Updated CR received and issued for Impact Assessment (IA).

Upcoming Programme Milestones related to DAG

INFORMATION: Update on the upcoming Programme milestones related to DAG

Programme (PMO)

10 mins



Upcoming milestones relevant to DAG

Upcoming milestones (rolling 3 months)

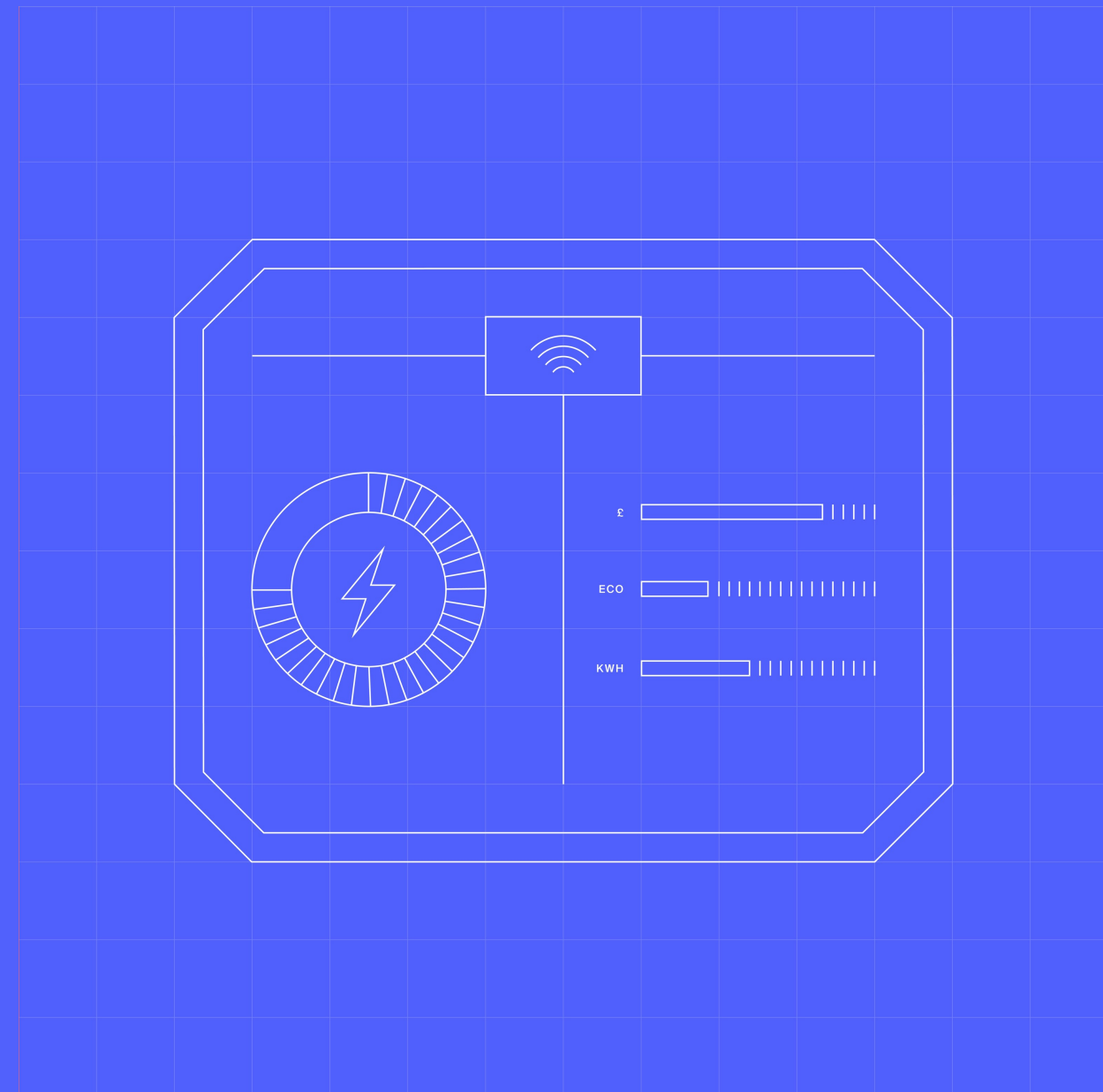
Milestone Tier	Milestone ID	Milestone Title	Baseline Date	Forecast Date	Last RAG	Current RAG	Next RAG	Update
T3	T3-DB-0097	Interim release 3 Go live	Wed 02/08/23	Wed 02/08/23	Green	Blue	Grey	
T2	T2-DB-0250	Tranche 2 Transition Design Baselined	Thu 03/08/23	Wed 15/11/23	Red	Red	Green	CR031 to be reviewed in this meeting
T3	T3-DB-0081	Interim release 4 Go live	Wed 30/08/23	Wed 30/08/23	Green	Blue	Grey	
T3	T3-DB-0083	Interim release 5 Go live	Wed 04/10/23	Wed 04/10/23	Green	Green	Blue	
T3	T3-DB-0085	Interim release 6 Go live	Fri 27/10/23	Fri 27/10/23	Green	Green	Green	
T2	T2-DB-0100	Phase 1 - SIT Volunteers (Core Providers) complete	Fri 27/10/23	Fri 27/10/23	Green	Green	Green	
T2	T2-DB-0200	SIT PPs design assurance (excl Migration/Reverse Migration) complete	Wed 22/11/23	Wed 22/11/23	Green	Green	Green	
T3	T3-DB-0098	Interim release 7 Go live	Wed 29/11/23	Wed 29/11/23	Green	Green	Green	

CR023 Decision

DECISION: Overview of implementation plan and decision on approval of CR023 Standardisation of Interfaces within the Smart Data Services

Programme (PMO)

10 mins



CR023 – Impact Assessment Summary

Objective:

DAG to review the outputs of the reissued CR023 Impact Assessments and advise SRO on their decision to approve or reject the Change Request.

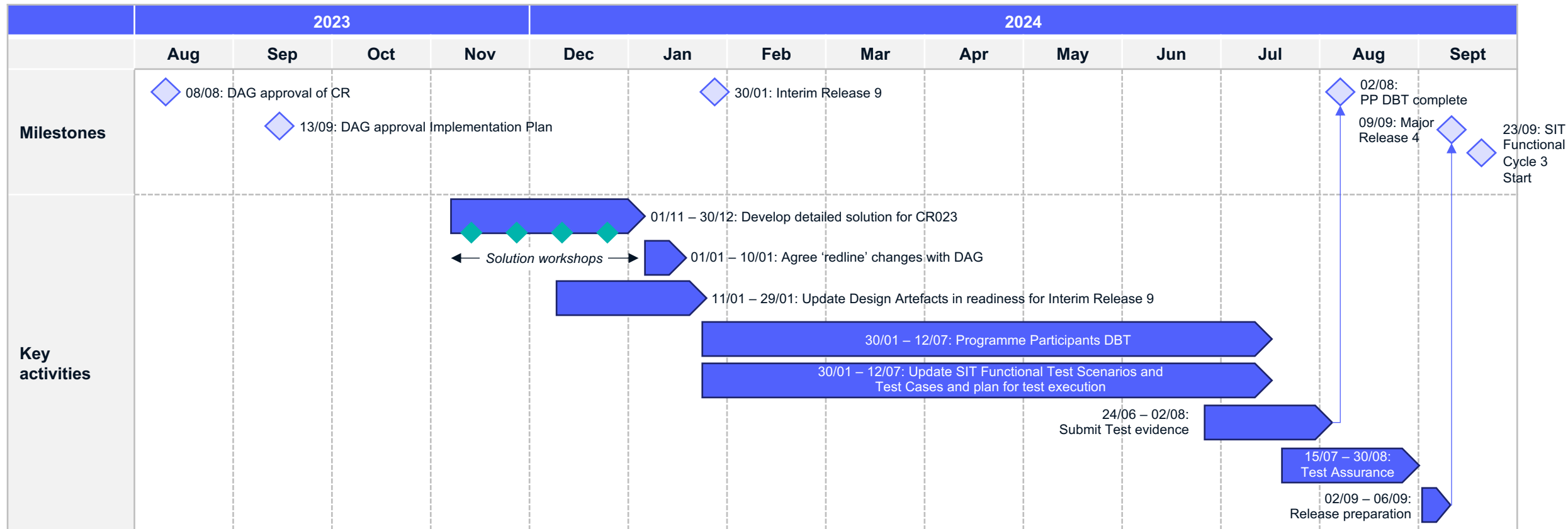
Headlines:

- The majority of respondents to the Impact Assessment were in favour of implementing the Change Request.
- Overall: **19 respondents supported the change; 4 respondents rejected the change; and 3 respondents abstained.**
 - Suppliers, DNOs and Software Providers generally voted in favour of the Change Request, whilst Supplier and Independent Agents did not support the Change Request.
- **The supporters of the change highlighted the following items/themes to support their decision:**
 - The encouragement of competition within the SDS role through standardisation.
 - The benefits for end consumers.
 - The enablement of customer-own appointments.
- **Those who rejected the change did so stating the following themes:**
 - The risk of significant delays to M9.
 - The potential impact implementation could have on development and testing schedules.
 - Variants in benefits due to the optionality of implementing the design.
 - Uncertainties surrounding the MDR role.
- **Further feedback was provided by both supporting and rejecting respondents:**
 - The possibility of another IF-021 Variant (IF-021Vb) to allow the exchange of consumption information between Supplier (acting as their existing IS/ES) and SDS (PSS).
 - The potential impact on overall MHHS Qualification timescales.

CR023 – Implementation Plan

Summary

- The detailed design for CR023 will require a series working groups to develop. We envisage these taking place throughout November and December.
- Once the detailed solution is developed, the redline changes will go through the agreed assurance process with DAG before being incorporated into an Interim Release. We have initially proposed IR9, but this could change based on time required to develop the detailed solution.
- The Programme will target Major Release 4 in September 2024 to deploy the functionality into SIT and test as part of SIT Functional Cycle 3.



Programme Parties	CR023 Recommendations			
	Yes	No	Abstain	No Reply
Large Suppliers	3	-	1	2
Medium Suppliers	1	-	-	6
Small Suppliers	-	-	-	33
I&C	5	-	-	36
DNOs	4	-	-	2
iDNOs	-	-	-	13
Ind. Agents	1	3	-	44
Supplier Agents	-	-	1	5
S/W Providers	3	-	-	22
REC Code Manager	-	-	1	-
National Grid	-	-	-	1
Consumer	-	-	-	1
Elexon (Helix)	-	1	-	-
DCC	-	-	-	1
SRO / IM & LDP	1	-	-	-
IPA	-	-	-	1
Avanade	1	-	-	-
Totals	19	4	3	167

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 Supplier Agent abstained due to the Change Request having no impact on their activity or role.
- RECCo abstained as the Change Request has no impact on REC provisions, but noted the potential risk to overall MHHS Qualification timelines.
- One Large Supplier abstained, stating that although they didn't disagree with the introduction of standardised interfaces, there are still a lot of uncertainties around the MDR role, and the potential for differing MDR operating models should be handled and addressed by the Programme in a clear manner that was consistent across the various approaches Participants could employ.

CR023 Impacts – Views on the proposed approach (Page 1)

Programme Parties	Range of respondents' views on benefits and concerns (related to the approach in CR023)
Large Suppliers	<ul style="list-style-type: none"> + Three of the four responding Large Suppliers supported the Change Request. + The change is seen by one Large Supplier as essential to enable non-domestic customer own appointments and supports a more flexible TOM. – One Large Supplier stated they believed the change would have a significant impact on timelines, cost, and resource. They believe it would delay M9 if it is agreed. – It was stated by a Large Supplier that they wouldn't agree if this was a mandatory process. ▪ One Large Supplier abstained from responding to the Change Request. They don't disagree with the introduction of standardised interfaces within the MHHS operating model, but raised that there are still a lot of uncertainties around the MDR role. ▪ One Large Supplier stated that their support was based on the assumption that the additional effort required for an analytical phase to be undertaken by the MHHS Programme does not push out the timescales for the start of SIT. ▪ The timing of the implementation would impact the timelines for the Programme, and need to be considered and consulted on with the impacted participants to ensure the change is supported by sound design logic and a plan that can be implemented with minimal impact to the current SIT timelines.
Medium Suppliers	<ul style="list-style-type: none"> + The one responding Medium Supplier supported the Change Request. + They stated that expedited information on the new interface formats will assist participants in their scheduling. – They raised that they had concerns regarding the limited timeframes between the functional phases for PIT, CIT and SIT, and the potential impact this could have on development and testing schedules, especially for Participants which have already concluded their functional PIT phase.
Small Suppliers	<i>Did not respond.</i>
I&C	<ul style="list-style-type: none"> + Five I&C Suppliers responded to the Change Request, all of which were in favour of its implementation. + Having a standardised format will help enable customer own appointments, which for a non-domestic supplier is vital. It will make qualification simpler to assess and encourages competition within the SDS role. ▪ One I&C Supplier requested clarity on whether suppliers as MDRs would need to provide additional test evidence.
DNOs	<ul style="list-style-type: none"> + Four DNOs responded to the Change Request, all of which were in favour of its implementation. + Their potential delay is necessary. Having standardised interfaces will increase the range of MDR service configurations and contracting options available to MHHS parties, avoiding the need for bespoke development work and associated costs which should ultimately benefit end consumers. ▪ One DNO's support was dependent on there being no impact on the MPRS system, as long as both the DIP Webhook subscription functionality incorporates the optionality referenced in the change and that both the IF-06 and IF-26 are classified as secondary.
iDNOs	<i>Did not respond.</i>

CR023 Impacts – Views on the proposed approach (Page 2)

Programme Parties	Range of respondents' views on benefits and concerns (related to the approach in CR023)
Agents	<ul style="list-style-type: none"> + One of the five responding Agents supported the Change Request. They stated that although they would generally disagree with standardisation in MHHS which doesn't already exist, they see a standard interface removes an item for consideration, which is particularly important where the relationship with the customer is direct rather than with the Supplier. – Three of the five responding Agents rejected the Change Request. – One rejecting Agent stated that well-designed bi-lateral interfacing arrangements do not present a significant barrier to a Supplier switching SDS agents. This is not a material enough problem to warrant approving this Change Request and the extra work it will create. The argument that this improves testing and qualification falls down as there are no plans to test non-standard interactions between SDS sub-roles, the proposed solution is optional, and Suppliers and their preferred SDS are tested independently. – The proposed solution introduces additional complexity that is not necessary to facilitate an optional interface for consumption data exchange. The impact of this additional complexity and cost/resource implications are a risk to delivering SIT. <ul style="list-style-type: none"> ▪ One Agent abstained, stating that the Change Request has no impact on their activity or role.
S/W Providers	<ul style="list-style-type: none"> + Three Software Providers responded to the Change Request, all of which were in favour of its implementation. – One Software Provider stated in their response that there is no proven benefit to SIT, and that as part of the Change Request implementation decision it would be beneficial to have the release date confirmed. They noted that it would only benefit those in qualification who choose to use the optional design. If the Change Request was mandated then the benefits would be realised in full. <ul style="list-style-type: none"> ▪ One Software Provider identified an additional simplification and saving that could be achieved through the Change Request, by considering another IF-021 Variant (IF-021Vb) to allow the exchange of consumption information between Supplier (acting as their existing IS/ES) and SDS (PSS). This could be used to remove duplicate SRV4* requests needing to be issued by the DCC (with the current TOM these will be sent to Supplier IS/ES for billing and MDR for settlement).
REC Code Manager	<ul style="list-style-type: none"> ▪ RECCo abstained from voting on the Change Request as it does not impact REC provisions. However, they noted that the inclusion of MDRs as DIP Users may result in additional BSC qualification activities, which would impact the joint qualification documents that RECCo is developing with BSC colleagues and may also impact overall MHHS Qualification timescales.
National Grid	<i>Did not respond.</i>
Consumer	<i>Did not respond.</i>

CR023 Impacts – Views on the proposed approach (Page 3)

Programme Parties	Range of respondents' views on benefits and concerns (related to the approach in CR023)
Elexon (Helix)	<ul style="list-style-type: none"> - Elexon are not in favour of implementing the Change Request. - They stated that any change to the current approach could increase rather than streamline the BSC Qualification process for MHHS. They would need to re-assess the requirements, approach and timescales based on any MDR requirements which may fall under BSC governance.
SRO / IM & LDP	<ul style="list-style-type: none"> + The Programme voted in favour of implementing the Change Request, on the basis that they support the principle of what the Change Request is seeking to achieve. - However, they noted that the current design does work, and it not broken. - The optionality provided in the Change Request negates the benefits for SIT testing and is unlikely to form part of SIT testing, as these interfaces are downstream of the SDS role. <ul style="list-style-type: none"> ▪ With regards implementation, the Change Request would need to be scheduled until after testing, but no later than M10 (March 2025).
DCC	<i>Did not respond.</i>
IPA	<i>Did not respond.</i>
Avanade	<ul style="list-style-type: none"> + Avanade support the implementation of the Change Request. <ul style="list-style-type: none"> ▪ The following risks were raised: schedule, the DIP SP assesses that this change cannot be delivered for M9; complexity, message specific routing, configuration or logic may be required within the DIP that is not immediately obvious – risk to effort and cost associated with the change.

DAG Decision on CR023 Standardisation of Interfaces within the Smart Data Services

The DAG are requested to advise SRO on their decision to approve or reject CR023:

DECISION [68]

SRO to approve/reject the CR023 'Standardisation of Interfaces within the Smart Data Services'

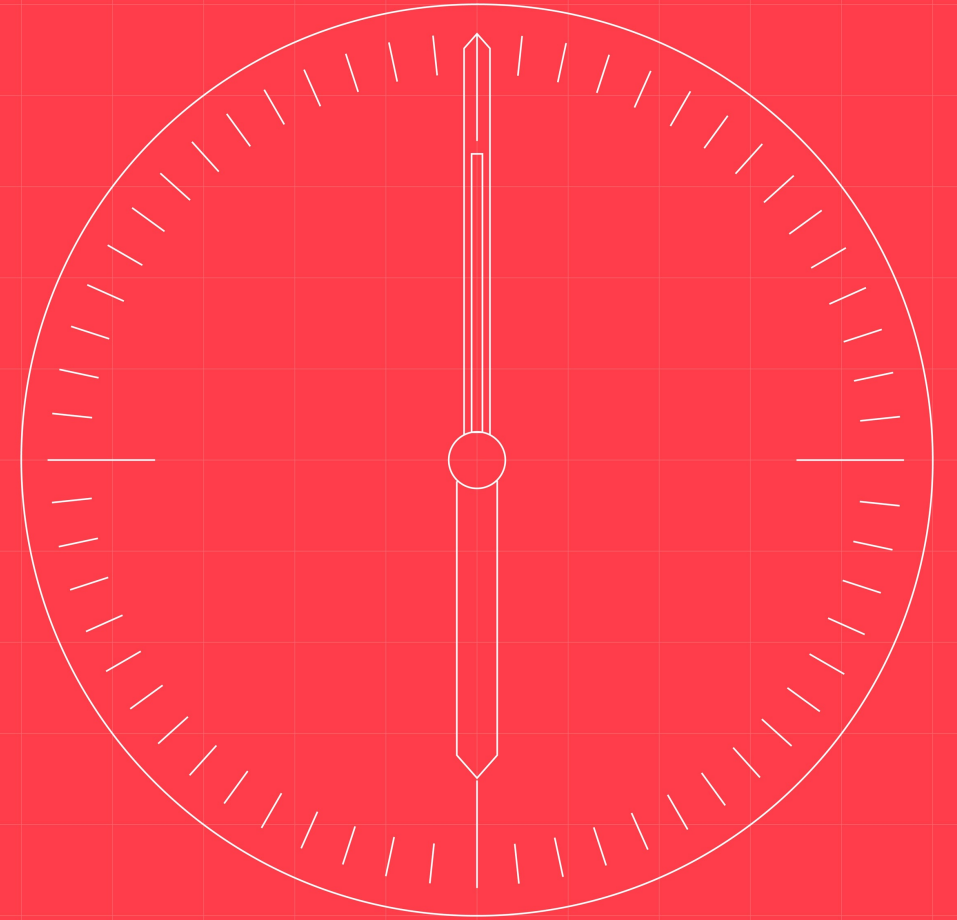
Confirmation of next steps will be provided following the decision.

CR027 Decision

DECISION: Overview of implementation plan and decision on approval of CR027 DUoS E-Billing DIP message for MHHS

Programme (PMO)

10 mins



Objective:

DAG to review the outputs of the reissued CR027 Impact Assessments and advise SRO on their decision to approve or reject the Change Request.

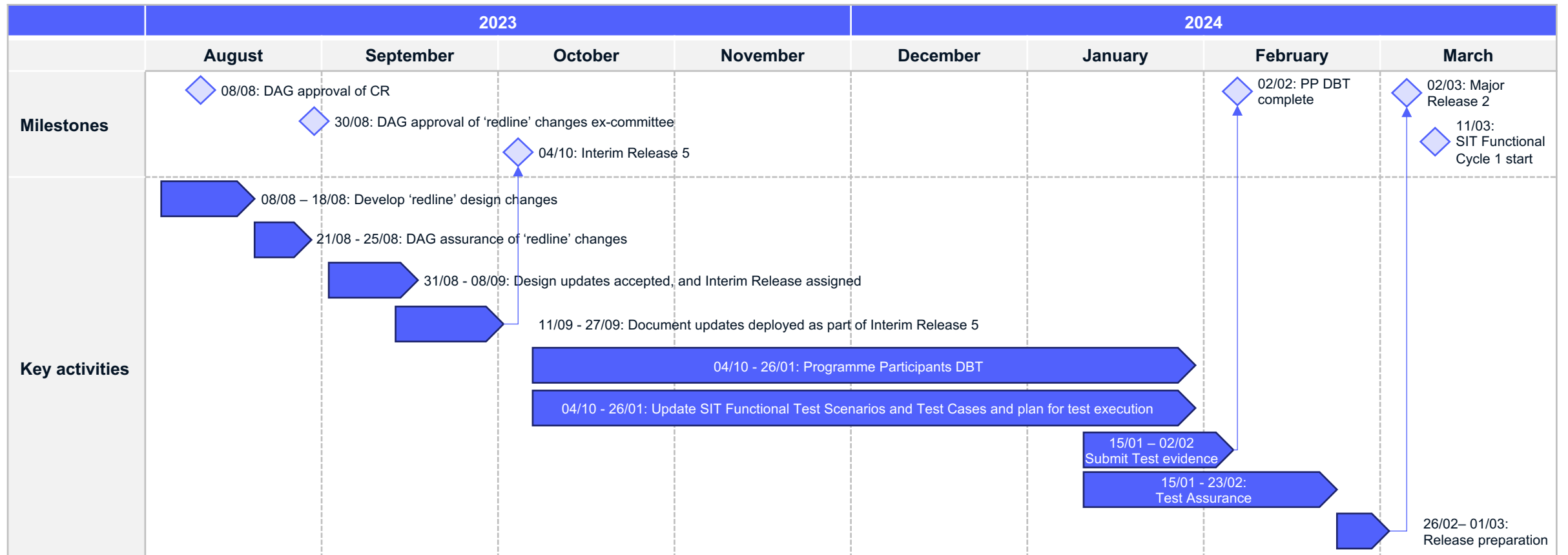
Headlines:

- The majority of respondents to the Impact Assessment were in favour of implementing the Change Request.
- Overall: **19 respondents supported the change; 3 respondents rejected the change; and 7 respondent abstained.**
 - Of the 19 supporters, **3 stated that their support is subject to conditions.**
 - These conditions are as follows: for DIP to be the enduring solution for market messages going forward; for e-billing itself to not be mandated; and for a CCN requirement (from Avanade).
- DNOs and iDNOs generally voted in favour of the Change Request, whilst responses from suppliers were mixed.
- **The supporters of the change highlighted the following items/themes to support their decision:**
 - Modernisation of billing and embracing new technologies
 - Protecting and managing revenue and cash flow.
 - Preventing duplication outside of the DIP.
- **Those who voted against the Change Request did so on the following basis:**
 - Benefits are not realised whilst the D2021 invoice is received over the DIP whilst the D2026 remittance is returned via the DTN.
 - Concerns around e-billing becoming mandated for those who do not currently use it.
- **Additional risks were raised:**
 - Impacting Programme timelines.
 - Flexibility of DIP messaging, notably the requirement for postcodes, and the lack of ability to add notes.

CR027 – Implementation Plan

Summary

- The detailed design for CR027 is well formed and the redline changes have been made by the Design Management team.
- These changes go through the usual DAG assurance cycle before being included for publication into Interim Release 5 on 04 October 2023.
- Design changes in Interim Release 5 will be deployed into testing at Major Release 2, scheduled currently for 02 March 2024.
- This will allow testing of the functionality for CR027 at the start of SIT Functional.



CR027 – Submitted Impact Assessments

Programme Parties	CR027 Recommendations			
	Yes	No	Abstain	No Reply
Large Suppliers	3	1	-	2
Medium Suppliers	1	-	-	6
Small Suppliers	-	-	-	33
I&C	2	1	-	38
DNOs	6	-	-	-
iDNOs	4	1	-	8
Ind. Agents	-	-	2	45
Supplier Agents	-	-	-	6
S/W Providers	1	-	-	24
REC Code Manager	-	-	1	-
National Grid	-	-	1	-
Consumer	-	-	-	1
Elexon (Helix)	-	-	1	-
DCC	-	-	1	-
SRO / IM & LDP	1	-	-	-
IPA	-	-	-	1
Avanade	1	-	-	-
Central Parties	-	-	1	-
Totals	19	3	7	164

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:

- National Grid ESO abstained from responding as the change does not impact them.
- RECCo abstained from responding as the change does not impact REC provisions.
- An Independent Agent abstained from responding as they expected no direct impact from the change.

CR027 Impacts – Views on the proposed approach (Page 1)

Programme Parties	Range of respondents' views on benefits and concerns (related to the approach in CR027)
Large Suppliers	<ul style="list-style-type: none"> + Four Large Suppliers responded to the Impact Assessment, three of which supported the implementation of the Change Request. + They supported the modernisation of LDSO invoices and the standardising of message flows. + The change would remove risk to distributor revenue and code obligations for suppliers on invoice settlement. - The rejecting Large Supplier agreed with the principles of the change but listed the following dependencies: whether or not the change incorporates iDNOs, how the response to D2021 with D2026 would be shaped; how the period from MPAN migration will be managed; and the replacement of D2021. - One supporting respondent raised the risk of impacting Programme timescales. - Another supporting respondent called out the challenge of implementing the change ahead of SIT, and the need for a Programme-wide assessment to validate if this is achievable.
Medium Suppliers	<ul style="list-style-type: none"> + The one responding Medium Supplier supported the implementation of the Change Request. - Although supportive of the change, they raised the risk of impacting schedules due to the requirement of additional development and testing.
Small Suppliers	<i>Did not respond.</i>
I&C	<ul style="list-style-type: none"> + Two of the three responding I&C Suppliers were supportive of the Change Request. + Their support was provided on the basis that the DIP will be the enduring solution for market messages going forward. - One of the responding I&C Suppliers rejected the Change Request. - They were supportive of the intentions to move site specific DUoS charging provision over the DIP, however we feel the benefits case is not realised whilst the D2021 invoice is received over the DIP whilst the D2026 remittance is returned via the DTN. In order for benefits to be realised, both need to be DIP derived.
DNOs	<ul style="list-style-type: none"> + Six DNOs responded to the Impact Assessment, all of which were in favour of implementing the Change Request. + Not implementing the change could negatively impact DNOs' ability to recover DUoS charges in a timely manner. This has a much wider and significant impact on a DNOs ability to effectively manage cash flow, which could have adverse implications for DNO short term finances and could in the long term increase costs to customers. + It is better to recognise the new technology and embrace that, rather than adapting the old. + The change would ensure the continuous recovery of revenue as efficiently as possible. + The implementation of this change removes significant risk from the end-to-end DUoS billing process for LDSOs in particular and also assists Suppliers involved in the same process, while not materially increasing the overall scope of the MHHS Programme. - The following potential risks were raised: maximum message size allowed to be sent over the DIP; Pattern B for sending REP messages; zipping of messages to accommodate the maximum message size. - One respondent noted the following: a workaround for offshore suppliers who do not have postal codes; the ability to add notes into invoices.

CR027 Impacts – Views on the proposed approach (Page 2)

Programme Parties	Range of respondents' views on benefits and concerns (related to the approach in CR027)
iDNOs	<ul style="list-style-type: none"> + Four of the five responding DNOs supported the implementation of the Change Request. + The proposed change prevents duplication outside of the DIP. - One iDNO reject the Change Request, arguing that only those Parties currently subscribed and using the Electralink's e-Billing commercial should be mandated to support the new DIP message. <ul style="list-style-type: none"> ▪ One iDNOs support was given on the basis that for existing parties utilising e-billing, they will be mandated to utilise the DIP flow rather than the existing D-flow, and that the e-billing itself is not mandated. ▪ Clarification was requested as to whether the Change Request proposes mandating the use of the DIP flow for all LDSO and Supplier parties. Currently e-Billing is optional under DCUSA.
Agents	<ul style="list-style-type: none"> ▪ Two Agents responded to the Impact Assessment, both of which abstained from voting on the Change Request. ▪ One respondent highlighted three issues with the proposed changes: the IF-021 will be routed to LDSOs for all unmetered MPANs, of which there will be around 20,000 in MHHS (after NHH have moved to HH), LDSOs should consider whether they want all this data, or whether they will rely on the aggregated data coming from central systems for DUoS billing; the consideration of the DIP constraints on the size of messages; the introduction of potential charges for de-energised MPANs.
S/W Providers	<ul style="list-style-type: none"> + The one responding Software Provider voted in favour of implementing the Change Request.
REC Code Manager	<ul style="list-style-type: none"> ▪ RECCo has abstained from voting on this change as there is no impact on REC provisions. ▪ They noted that the new interface includes a number of new data items. Before release into the DES138, the missing data item attributes such as data item descriptions will need to be populated.
National Grid	<ul style="list-style-type: none"> ▪ National Grid abstained from voting as the change does not impact them.
Consumer	<p><i>Did not respond.</i></p>
Elexon (Helix)	<ul style="list-style-type: none"> ▪ Elexon abstained from voting.
SRO / IM & LDP	<ul style="list-style-type: none"> + The Programme is supportive of the change. The Programme will work on the implementation alongside CR019 with a target of Interim Release 5.

CR027 Impacts – Views on the proposed approach (Page 3)

Programme Parties	Range of respondents' views on benefits and concerns (related to the approach in CR027)
Avanade	<ul style="list-style-type: none"> + Avanade support the implementation of the Change Request, subject to a CCN which will be required. + The DIP SP assessment is that it feasible to deliver the change in line with the existing programme milestones. <ul style="list-style-type: none"> ▪ The following risks were highlighted: complexity, message specific routing, configuration or logic may be required within the DIP that is not immediately obvious within the supporting documentation provided – risk to effort and cost associated with the change; schedule, volume of changes impacting the DIP introduces risk to timescales for delivery – prioritisation of change may therefore be required.
IPA	<i>Did not respond.</i>
Central Party	<ul style="list-style-type: none"> ▪ Electralink abstained from voting on the Change Request as they do not have a view on whether this will improve the process from a Distributor / LDSOs. ▪ They will continue to offer of DUoS e-billing service to the market, whilst Participants require it.

DAG Decision on CR027 DUoS E-Billing DIP message for MHHS

The DAG are requested to advise SRO on their decision to approve or reject CR027:

DECISION [69]	SRO to approve/reject the 'CR027 DUoS E-Billing DIP message for MHHS'
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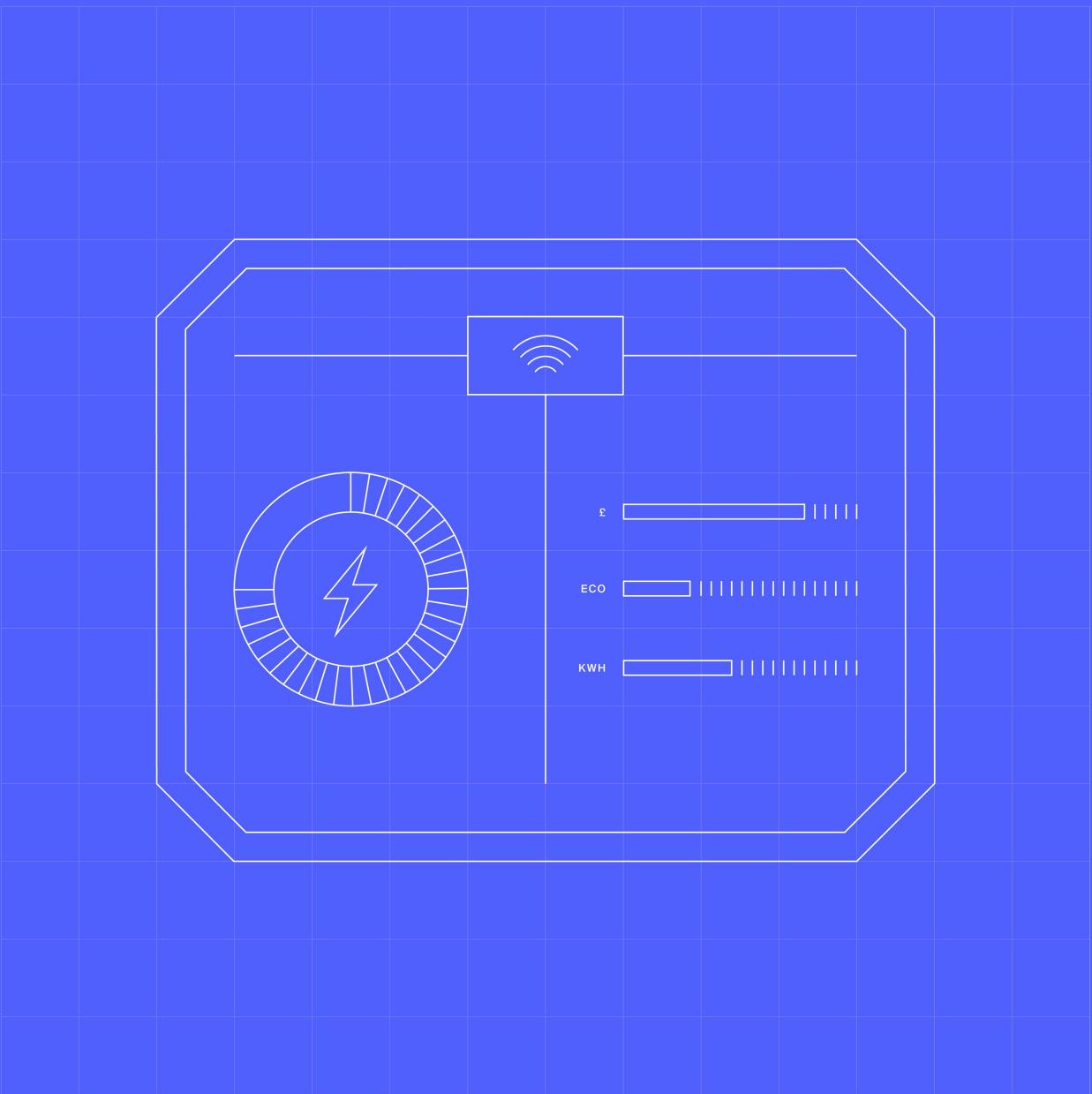
Confirmation of next steps will be provided following the decision.

CR028 Decision

DECISION: Decision on approval of CR028 EES and SDEP Requirements

Programme (PMO)

10 mins



CR028 – Impact Assessment Summary

Objective:

DAG to review the outputs of the reissued CR028 Impact Assessments and advise SRO on their decision to approve or reject the Change Request.

Headlines:

- The vast majority of respondents to the Impact Assessment were in favour of implementing the Change Request.
- Overall: **21 respondents supported the change; 1 respondent rejected the change; and no respondents abstained.**
 - Of the 21 respondents who agreed with the Change Request, **4 stated that their support is subject to conditions.**
 - These conditions are as follows:
 - All existing functionality of both the EES and SDEP will remain, including all EES search functions and SDEP use cases.
 - The provision of clarity on whether an MSN API was ever in scope for EES and SDEP, and confirmation that EES needs to consume the C2460 from CSS.
 - Retaining the existing functionality that allows search via MPAN and MSN from the SDEP home page.
 - Guidance documentation is not lost and published elsewhere in the MHHS Programme.
- **The supporters of the change highlighted the following items/themes to support their decision:**
 - Removal of ambiguity and provision of clarity.
 - The removal of ‘guidance’ provides assurance to parties of the correct processes to follow.
 - The work required to implement the change is worth the long term benefits the change would bring.
- **The respondent who rejected the Change Request did so on the following basis:**
 - The language used within the guidance does not align with mandatory obligations. Descriptions require amending from ‘should’ to ‘shall’ or ‘must’ to ensure the obligations are complied with.
 - They stated that they were supportive of the clarity the change would bring.

Note: As SDEP will continue to be available as an option, the Programme does not plan on removing its reference within MHHS documentation.

It has been noted by the Programme that the approval of the Change Request could create a Design gap. An Implementation Plan will be presented to DAG following the agreement on what an alternative communication method will be if SDEP is removed, (and clarity on what will happen to Meter Agent queries).

CR028 – Submitted Impact Assessments

Programme Parties	CR028 Recommendations			
	Yes	No	Abstain	No Reply
Large Suppliers	4	-	-	1
Medium Suppliers	1	-	-	6
Small Suppliers	-	-	-	33
I&C	2	-	-	39
DNOs	3	1	-	2
iDNOs	2	-	-	11
Ind. Agents	1	-	-	46
Supplier Agents	1	-	-	6
S/W Providers	2	-	-	23
REC Code Manager	1	-	-	-
National Grid ESO	-	-	-	1
Consumer	-	-	-	1
Elexon (Helix)	1	-	-	-
DCC	1	-	-	-
SRO / IM & LDP	1	-	-	-
IPA	-	-	-	1
Avanade	1	-	-	-
Totals	21	1	-	170

Market Share			
Yes	No	Abstain	No Reply
87%	-	-	13%
4%	-	-	96%
-	-	-	100%
32%	-	-	68%

Market Share information is according to the latest Meter Point Administration Number (MPAN) data held by the Programme as at 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.

No respondents abstained from voting on the Change Request.

CR028 Impacts – Views on the proposed approach (Page 1)

Programme Parties	Range of respondents' views on benefits and concerns (related to the approach in CR028)
Large Suppliers	<ul style="list-style-type: none"> + Four Large Suppliers responded to the Impact Assessment, all of which supported the implementation of the Change Request. + The clarity gained from the updates should benefit parties in the long term, causing the minor impacts on scope from the change to be considered acceptable. – A risk was raised regarding the data cleanse required, and how this would be managed from both a Participant and Programme perspective, in terms of reporting elements, etc. <ul style="list-style-type: none"> ▪ It was noted that the change will not improve the customer experience, and it is therefore not necessary to claim that it does. ▪ A further potential flaw within the use of SDEP was identified: the use of the current pot “MPAN error resolution query” could increase volume within the workstream. Further, there is no call out for any “MHHS” tag on any queries, making it increasingly difficult for a ring fenced area to manage. It could also lead to increasing reporting problems and managing of any activity is managed via a .csv upload.
Medium Suppliers	<ul style="list-style-type: none"> + The one responding Medium Supplier supported the implementation of the Change Request. <ul style="list-style-type: none"> ▪ The support from this respondent is conditional to the assumption that the ability to search via MPAN and MSN on the SDEP homepage will remain.
Small Suppliers	<i>Did not respond.</i>
I&C	<ul style="list-style-type: none"> + Two I&C Suppliers responded to the Impact Assessment, both of which supported the implementation of the Change Request. <ul style="list-style-type: none"> ▪ It was requested that the guidance documents were published elsewhere in the MHHS Programme, rather than being removed altogether.
DNOs	<ul style="list-style-type: none"> + Four DNOs responded to the Impact Assessment, three of which were in favour of implementing the Change Request. + The change will provide clarity to service providers and remove any disparity in processes ensuring a clear understanding from parties. + They were supportive of firming up the documentation and moving away from a guidance document to a firm requirements document. – One DNO rejected the Change Request, although stated that they were supportive of the change to bring clarity. – The rejecting respondent noted that the language used within the guidance does not align with mandatory obligations. Descriptions require amending from ‘should’ to ‘shall’ or ‘must’ to ensure the obligations are complied with. <ul style="list-style-type: none"> ▪ One DNO stated that their support was conditional to all existing functionality of both the EES and SDEP remaining, including all EES search functions and SDEP use cases. ▪ Another DNO stated that their support was conditional to both the provision of clarity on whether an MSN API was ever in scope for EES and SDEP, and confirmation that EES needs to consume the C2460 from CSS.
iDNOs	<ul style="list-style-type: none"> + Two iDNOs responded to the Impact Assessment, both of which supported the implementation of the Change Request. + They agreed that the change should be made to bring the requirements in line with relevant changes.

CR028 Impacts – Views on the proposed approach (Page 2)

Programme Parties	Range of respondents' views on benefits and concerns (related to the approach in CR028)
Agents	<ul style="list-style-type: none"> + Two Agents responded to the Impact Assessment, both of which supported the implementation of the Change Request. ▪ The risk was raised that the R0006 may be withdrawn, and if so, the decision to withdraw some of the SDEP requirements may need to be reassessed.
S/W Providers	<ul style="list-style-type: none"> + Two Software Providers responded to the Impact Assessment, both of which supported the implementation of the Change Request.
REC Code Manager	<ul style="list-style-type: none"> + As the Change Raiser, RECCo support the implementation of the Change Request. + The changes add clarity to the MHHS design.
National Grid	<i>Did not respond.</i>
Consumer	<i>Did not respond.</i>
Elexon (Helix)	<ul style="list-style-type: none"> + Elexon voted in favour of the implementation of the Change Request.
SRO / IM & LDP	<ul style="list-style-type: none"> + The Programme voted in favour of the implementation of the Change Request. ▪ As SDEP will continue to be available as an option, the Programme does not plan on removing its reference within MHHS documentation.
Avanade	<ul style="list-style-type: none"> + Avanade voted in favour of the implementation of the Change Request. + Based on the current forward view of change impacting the DIP, the DIP believe that it is feasible to deliver the change in line with the existing programme milestones.
IPA	<i>Did not respond.</i>

DAG Decision on CR028 EES and SDEP Requirements

The DAG are requested to advise SRO on the decision below:

DECISION [70]	DAG to agree on replacement of SDEP in CR028 'EES and SDEP Requirements'
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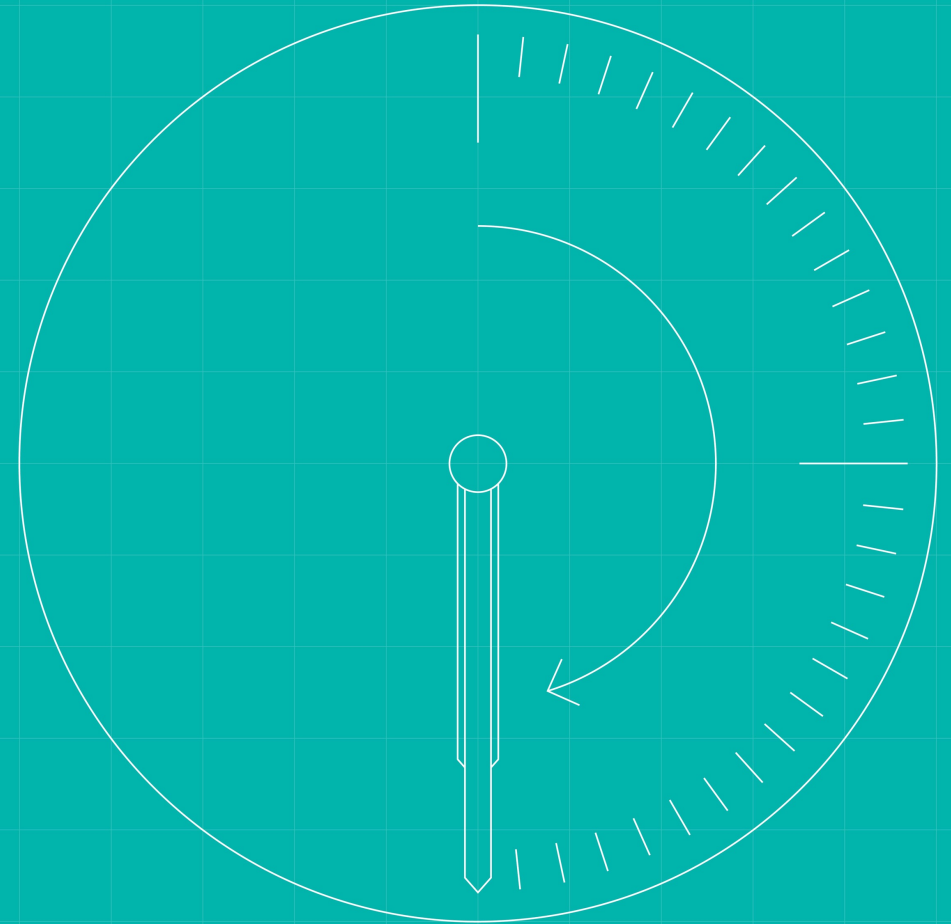
Confirmation of next steps will be provided following the decision.

CR029 Decision

DECISION: Decision on approval of CR029 DIP LDSO Interface Processing

Programme (PMO)

10 mins



Objective:

DAG to review the outputs of the reissued CR029 Impact Assessments and advise SRO on their decision to approve or reject the Change Request.

Headlines:

- The majority of respondents to the Impact Assessment were in favour of implementing the Change Request.
- Overall: **16 respondents supported the change; 2 respondents rejected the change; and 5 respondent abstained.**
- DNOs and iDNOs generally voted in favour of the Change Request, whilst responses from suppliers were mixed.
- **The supporters of the change were united in the following themes to support their decision:**
 - Implementing the change would reduce costs and DBT complexity for all LDSOs and improve the likelihood of completing MHHS qualification in time for M10.
 - All data listed in PUB messages is already shared via the internal integration between MPRS and LDSO systems.
- **Those who voted against the Change Request did so on the following basis:**
 - The Change Request delays the full transition to real time data sharing, leaves other Programme Participants implementing real time messaging and facing batch system delays. This will result in misalignment of industry data until LDSO systems catch up.
 - The changes sets a precedent on participants applying optionality to DIP messages, which could risk the MHHS delivery and goes against the Target Operating Model set out as a principle by the Programme.
- **Further comments:**
 - Helix have requested to be consulted on during the solution and auditability of the flows, so that they can measure the potential impacts on PAF performance reporting and Qualification.
 - RECCo have noted that approval of the Change Request would mean that as part of Qualification, LDSOs will be required to confirm how they are receiving this data. They will need to provide evidence demonstrating how changes to their existing processes have been tested.

Note: Avande are exploring a toggle functionality to implement the change. This should not impact the approval of the Change Request.

If approved, the Change will be implemented via a DIN. The artefact requiring an update is the MHHSP-DES138-Interface Catalogue.

CR029 – Submitted Impact Assessments

Programme Parties	CR029 Recommendations			
	Yes	No	Abstain	No Reply
Large Suppliers	1	2	-	2
Medium Suppliers	-	-	1	6
Small Suppliers	-	-	-	33
I&C	2	-	-	39
DNOs	5	-	-	1
iDNOs	3	-	-	10
Ind. Agents	1	-	1	45
Supplier Agents	-	-	-	7
S/W Providers	1	-	1	23
REC Code Manager	-	-	1	-
National Grid ESO	-	-	-	1
Consumer	-	-	-	1
Elexon (Helix)	1	-	-	-
DCC	-	-	1	-
SRO / IM & LDP	1	-	-	-
IPA	-	-	-	1
Avanade	1	-	-	-
Totals	16	2	5	169

Market Share			
Yes	No	Abstain	No Reply
17%	46%	-	36%
-	-	4%	96%
-	-	-	100%
32%	-	-	68%

Market Share information is according to the latest Meter Point Administration Number (MPAN) data held by the Programme as at 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:

- DCC, C&C Group, Utilita and Siemens abstained from voting as the change does not impact them.
- RECCo abstained from voting as they are neutral to the approval of the Change Request.

CR029 Impacts – Views on the proposed approach (Page 1)

Programme Parties	Range of respondents' views on benefits and concerns (related to the approach in CR029)
Large Suppliers	<ul style="list-style-type: none"> + One Large Supplier supported the implementation of the Change Request. - Two of the three responding Large Suppliers rejected the Change Request. - The Change Request would cause the Programme to fall short of its objectives and customer detriment, as it would cause metering data to be temporarily misaligned. Catering for both synchronised real time messaging and asynchronous interfaces will complicate the overall choreography and introduce new complexities. - The Change Request sets a precedent for Participants applying optionality to DIP interactions, and as such poses a significant risk to the Programme.
Medium Suppliers	<ul style="list-style-type: none"> ▪ The one responding Medium Supplier abstained from voting on the Change Request as it does not impact them.
Small Suppliers	<i>Did not respond.</i>
I&C	<ul style="list-style-type: none"> + Two I&C Suppliers responded to the Impact Assessment. Both are in favour of implementing the Change Request.
DNOs	<ul style="list-style-type: none"> + Five DNOs responded to the Impact Assessment, all of which were in favour of implementing the Change Request. + Implementing the Change Request would enable LDSOs to optionally process certain DIP messages which would avoid significant unnecessary costs, risks and resources to the Programme, and will continue to deliver the Programme benefits and milestones. + One DNO stated that they see no requirement for mandating the use of DIP flows for processes that are either already initiated from LDSO systems or already have an update via DNO internal update flows, and believe that the removal of this requirement will be beneficial to the Programme milestone delivery. ▪ One responding DNO noted the following: on page 3, for consistency PUB-003 Notification of Reverse Migration & DeAppointment should be added to the list; on page 3, the description given for PUB-036 should be "Service Provider Notification of Appointment"; on page 4, the detail in the "Alternative options" section doesn't actually describe alternatives.
iDNOs	<ul style="list-style-type: none"> + Three iDNOs responded to the Impact Assessment, all of which were in favour of implementing the Change Request. + The change avoids unnecessary development and testing effort (and extra costs) which bring no defined benefit to customers.
Agents	<ul style="list-style-type: none"> + One Agent voted in favour of implementing the Change Request. + Approving the Change Request would reduce the DBT complexity for all LDSOs and improve the likelihood of completing MHHS qualification in time for M10. ▪ One Agent abstained from voting on the Change Request as it does not impact them, but raised the risk of the Change potentially deviating from the MHHS design, and could encourage other Participants taking the same approach, which would lead to a lack of standardisation.

CR029 Impacts – Views on the proposed approach (Page 2)

Programme Parties	Range of respondents' views on benefits and concerns (related to the approach in CR029)
S/W Providers	<ul style="list-style-type: none"> + One Software Provider voted in favour of implementing the Change Request. ▪ One Software Provider abstained from voting on the Change Request as it does not impact them.
REC Code Manager	<ul style="list-style-type: none"> ▪ RECCo has abstained from voting on this change as there is no impact on REC provisions. ▪ If the Change Request is approved, LDSOs will need to confirm how they will be receiving data, and provide evidence on how changes to the existing process have been testing, as part of qualification.
National Grid	<i>Did not respond.</i>
Consumer	<i>Did not respond.</i>
Elexon (Helix)	<ul style="list-style-type: none"> + Elexon voted in favour of implementing the Change Request. ▪ The Change may impact PAF performance reporting and Qualification. A means of tracking progress of the change is required.
SRO / IM & LDP	<ul style="list-style-type: none"> + The Programme voted in favour of implementing the Change Request. ▪ This would have a potential significant impact on the planning of Non-SIT LDSO Testing. The Change Request would require a more complex flexible solution to be designed and managed.
Avanade	<ul style="list-style-type: none"> + Avanade voted in favour of implementing the Change Request. ▪ At present, Avanade assesses it is feasible to deliver the change in line with the existing Programme milestones. However, the volume of changes impacted the DIP does introduce risk to Programme timescales for delivery. Prioritisation of change may therefore be required.
IPA	<i>Did not respond.</i>

DAG Decision on CR029 DIP LDSO Interface Processing

The DAG are requested to advise SRO on their decision to approve or reject CR029:

DECISION [71]	SRO to approve/reject the CR029 'DIP LDSO Interface Processing'
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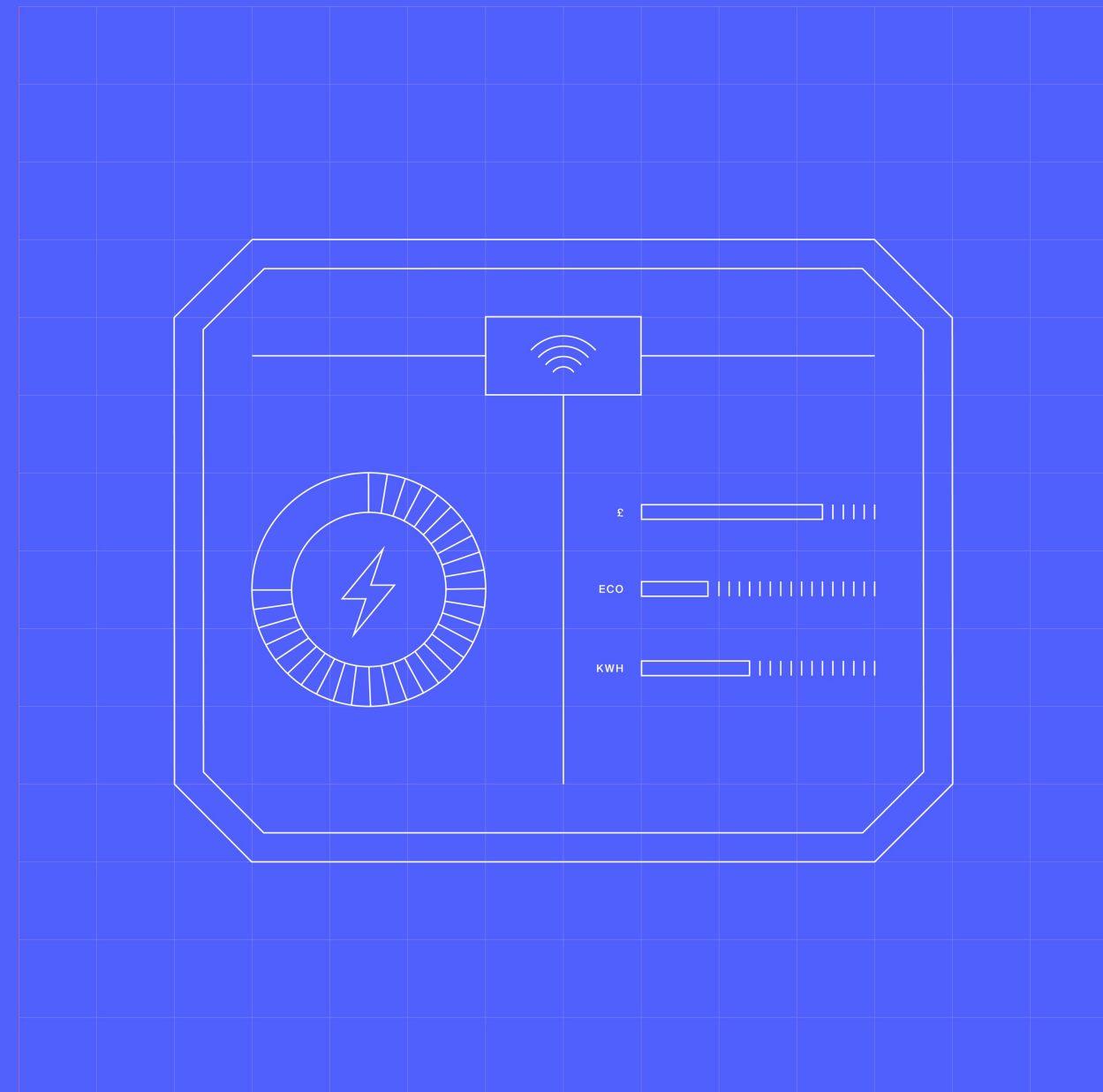
Confirmation of next steps will be provided following the decision.

CR030 Decision

DECISION: Decision on approval of CR030 Introduction of Compressed Payloads into DIP Messages

Programme (PMO)

10 mins



Objective:

DAG to review the outputs of the reissued CR030 Impact Assessments and advise SRO on their decision to approve or reject the Change Request.

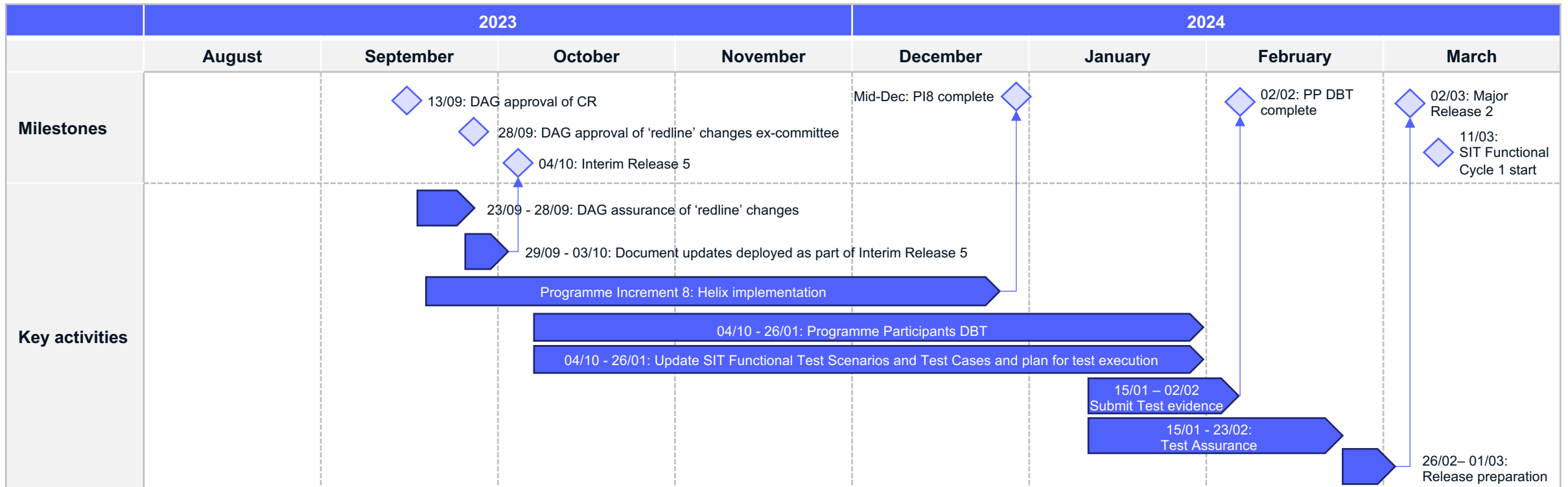
Headlines:

- The majority of respondents to the Impact Assessment were in favour of implementing the Change Request.
- Overall: **19 respondents supported the change; 1 respondent rejected the change; and 1 respondent abstained.**
- **The supporters of the change highlighted the following items/themes to support their decision:**
 - The change will ensure ongoing stability of the DIP through message size restriction.
 - The change provides extra security and a valuable way to meet file sizes.
 - Programme costs should be reduced, as the proposal is thought to be the most cost-efficient design for all Market Participants.
- **The respondent who voted against the Change Request did so on the following basis:**
 - The respondent questioned whether the reduction in file size below 1MB could be achieved, and noted that the developmental costs associated with implementing the change could be significant.
- **Further comments:**
 - A Large Supplier stated the need to understand timelines for the implementation of the change (i.e. ahead of or post SIT).
 - An I&C Supplier requested explicit confirmation that once they have ingested a gzip compressed REP002 through REP009, they will still be able to route it correctly for internal business processes.
 - RECCo noted that whilst they believe that an identifier on whether a particular interface will have a compressed payload should be included within the REC Data Specification, the details on the compression should be detailed elsewhere, probably within the enduring BSC provisions.

CR030 – Implementation Plan

Summary

- Helix plan to include the change into PI8 (September – December 2023).
- Design changes in Interim Release 5 will be deployed into testing at Major Release 2, scheduled currently for 02 March 2024.
- This will allow testing of the functionality for CR030 at the start of SIT Functional.



CR030 – Submitted Impact Assessments

Programme Parties	CR030 Recommendations			
	Yes	No	Abstain	No Reply
Large Suppliers	3	1	-	1
Medium Suppliers	1	-	-	6
Small Suppliers	-	-	-	33
I&C	2	-	-	39
DNOs	3	-	1	2
iDNOs	2	-	-	11
Ind. Agents	2	-	-	45
Supplier Agents	-	-	-	7
S/W Providers	2	-	-	23
REC Code Manager	1	-	-	-
National Grid ESO	-	-	-	1
Consumer	-	-	-	1
Elexon (Helix)	1	-	-	-
DCC	-	-	-	1
SRO / IM & LDP	1	-	-	-
IPA	-	-	-	1
Avanade	1	-	-	-
Totals	19	1	1	171

Market Share			
Yes	No	Abstain	No Reply
59%	29%	-	12%
10%	-	-	90%
-	-	-	100%
32%	-	-	68%

Market Share information is according to the latest Meter Point Administration Number (MPAN) data held by the Programme as at 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 DNO abstained from providing a recommendation as they do not know how the change would impact their billing systems.
- RECCo are neutral on the approval of the Change Request.

CR030 Impacts – Views on the proposed approach (Page 1)

Programme Parties	Range of respondents' views on benefits and concerns (related to the approach in CR030)
Large Suppliers	<ul style="list-style-type: none"> + Four Large Suppliers responded to the Impact Assessment, three of which supported the implementation of the Change Request. + The change will ensure ongoing stability of the DIP through message size restriction. + The change provides extra security and a valuable way to meet file sizes. - One Large Supplier rejected the Change Request. - The rejecting supplier questioned whether the reduction in file size below 1MB could be achieved, and noted the developmental costs associated with implementing the change. <ul style="list-style-type: none"> ▪ Little risk is expected, but development will need to be progressed to ensure files can be uncompressed on receipt. ▪ One respondent stated the need to understand timelines for the implementation of the change (i.e. ahead of or post SIT).
Medium Suppliers	<ul style="list-style-type: none"> + The one responding Medium Supplier supported the implementation of the Change Request. + Programme costs should be reduced, as the proposal is thought to be the most cost efficient design for all Market Participants.
Small Suppliers	<i>Did not respond.</i>
I&C	<ul style="list-style-type: none"> + Two I&C Suppliers responded to the Impact Assessment, both of which supported the implementation of the Change Request. + Implementation would have minimal design/architectural impacts, and well as minimal cost impacts. <ul style="list-style-type: none"> ▪ One respondent requested explicit confirmation that once they have ingested a gzip compressed REP002 through REP009, they will still be able to route it correctly for internal business processes.
DNOs	<ul style="list-style-type: none"> + Four DNOs responded to the Impact Assessment, three of which were in favour of implementing the Change Request. <ul style="list-style-type: none"> ▪ One DNO abstained from voting on the Change Request as they don't yet know how this would impact their billing systems. Discussions with their Service Provider would be required to understand the cost and effort required to implement the change.
iDNOs	<ul style="list-style-type: none"> + Both responding iDNOs supported the implementation of the Change Request.
Agents	<ul style="list-style-type: none"> + Both responding Agents supported the implementation of the Change Request. + Although the change does not directly impact Supplier Agents, we support the introduction of a compressed payload message pattern.

CR030 Impacts – Views on the proposed approach (Page 2)

Programme Parties	Range of respondents' views on benefits and concerns (related to the approach in CR030)
S/W Providers	<ul style="list-style-type: none"> + Both responding Software Providers supported the implementation of the Change Request. ▪ One respondent stated that they would need to be able to identify when a report has been compressed in order for their system to process it appropriately. The message header should indicate that it has been compressed.
REC Code Manager	<ul style="list-style-type: none"> ▪ RECCo abstained from voting as they are neutral on the approval of the Change Request. ▪ RECCo noted that whilst they believe that an identifier on whether a particular interface will have a compressed payload should be included within the REC Data Specification, the details on the compression should be detailed elsewhere, probably within the enduring BSC provisions.
National Grid	<i>Did not respond.</i>
Consumer	<i>Did not respond.</i>
Elexon (Helix)	<ul style="list-style-type: none"> + Elexon is supportive of the change. + The change would have a small impact on their development in the next Product Increment, but this can be absorbed.
SRO / IM & LDP	<ul style="list-style-type: none"> + The Programme is supportive of the change.
IPA	<i>Did not respond.</i>
Avanade	<ul style="list-style-type: none"> + Avanade are supportive of the change, subject to the required CCN. + Based on the current forward view of change impacting the DIP, the DIP assessment is that it feasible to deliver the change in line with the existing programme milestones.

DAG Decision on CR030 Introduction of Compressed Payloads into DIP Messages

The DAG are requested to advise SRO on their decision to approve or reject CR030:

DECISION [72]	SRO to approve/reject the CR030 'Introduction of Compressed Payloads into DIP Messages'
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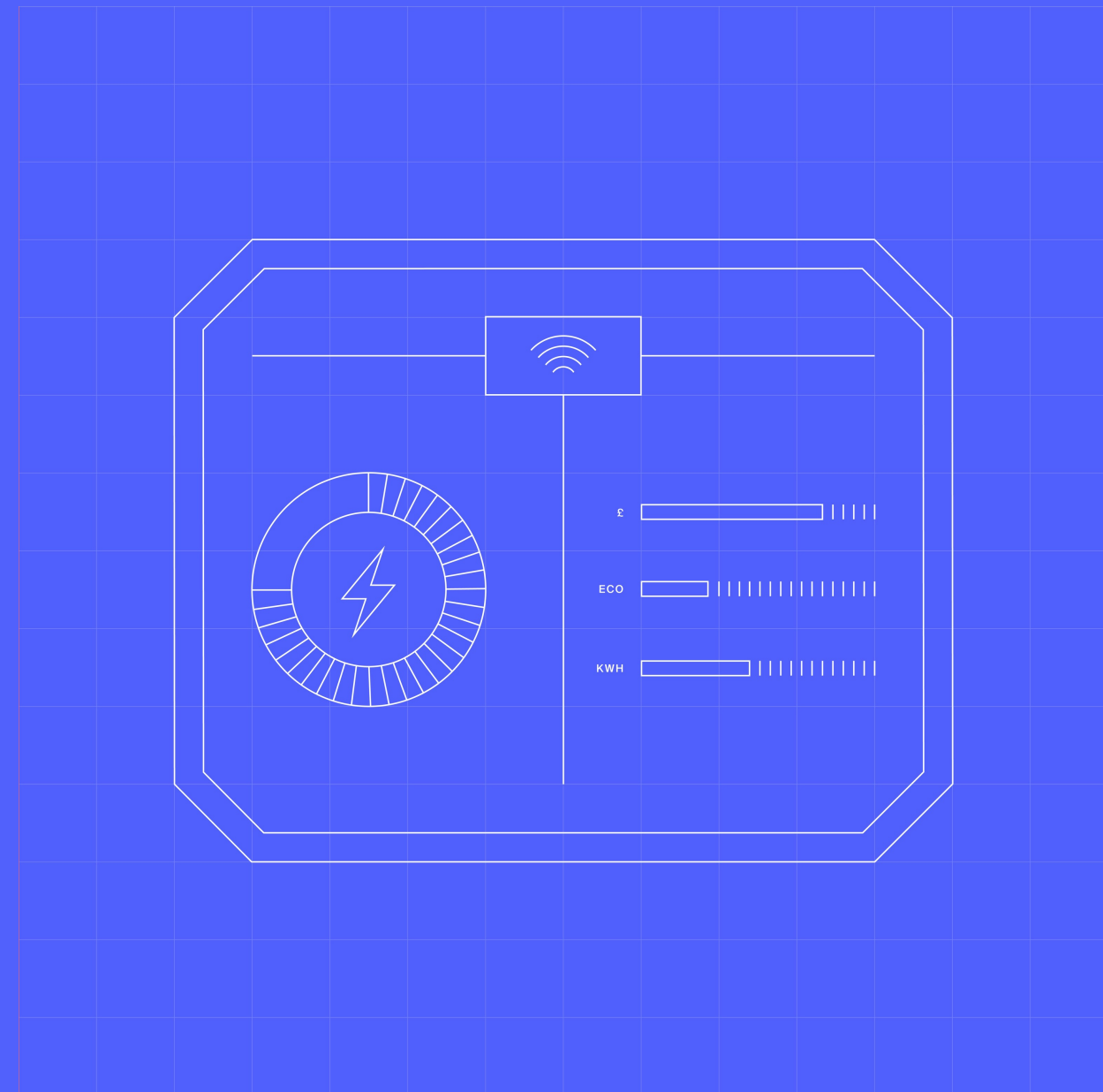
Confirmation of next steps will be provided following the decision.

CR031 Approval for Implementation

DECISION: Decision to approve CR031 Amending Transition Design Milestone Description and Delivery Date

Programme (Andrew Margan)

10 mins



CR031 overview

Objective: DAG to consider CR031 and advise DAG Chair on decision to approve

Amending Transition Design Milestone Description and Delivery Date

Issue Statement:

- The Transition Design Milestone delivery date is currently 03 August 2023. This date was set during the Programme Re-plan exercise, on the assumption that a 4-month period of industry collaboration would be sufficient to baseline Transition Design Tranche 2 in August. This assumption has been invalidated and a longer period of time is required to consult and agree the Settlement Transition Timetable with industry. The Settlement Transition Timetable (Transition Design Tranche 2) solution delivery has missed that date and will not complete until mid-November. Therefore, the current milestone date is not realistic or achievable and the milestone date needs to be updated to reflect the revised delivery date.
- This delivery has no downstream impacts on any milestone. This is not on the critical path of the programme.

Description of change:

- The proposal is to amend the Programme Plan T2 Milestone date and description for the Transition Design milestone. The workstream milestone description will change from DAG Transition Design Approved, to Tranche 2 Transition Design Baselined. This is to better align with other milestone terminology. The milestone delivery date will be amended, from the 02 August 23 to 15 November 2023.
- The initial Design Artefact will be shared with industry at the end of August, for discussion at an early September workgroup meeting. Workgroup feedback will be incorporated into an amended Design, before being reissued for workgroup review and discussion. Following the 2nd workgroup meeting at the end of September, the level 4 group will recommend to DAG, that the proposal is sent for a 2-week consultation. Consultation comments will be actioned, before the proposal is available for a final assurance step.
- Assuming there are no issues, following the assurance process, the Design Artefacts will be presented to DAG for approval on 08 November 23. Once approved 5 days are allowed for admin (e.g. collaboration base/clock) before the workstream activity is formally baselined.

Target date of change and next steps:

- The Change Raiser seeks a decision as soon as practical. The Change Request is non-urgent.
- It is recommended that the DAG Chair approves the Change Request, without the requirement to issue to Impact Assessment.

MHHS PROGRAMME
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Change Request Form

Change Request details

Change Request details	
Change Request Title	Amending Transition Design Milestone Description and Delivery Date
Change Request Number	CR031
Originating Advisory / Working Group	Design Advisory Group (DAG) and Migration Transition Design Subgroup
Risk/issue reference	I127
Change Raiser	Andrew Morgan, MHHS Programme
Date raised:	16/08/23

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
Ogem's MHHS Transition Timetable

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MHHS PROGRAMME
Industry-led, Elexon facilitated

MHHS-DEL1551 CR031 Draft

DAG Decision on CR031 Amending Transition Design Milestone Description and Delivery Date

The DAG are requested to advise the SRO on the decision below:

DECISION [73]

SRO to approve implementation of CR031 'Amending Transition Design Milestone Description and Delivery Date'

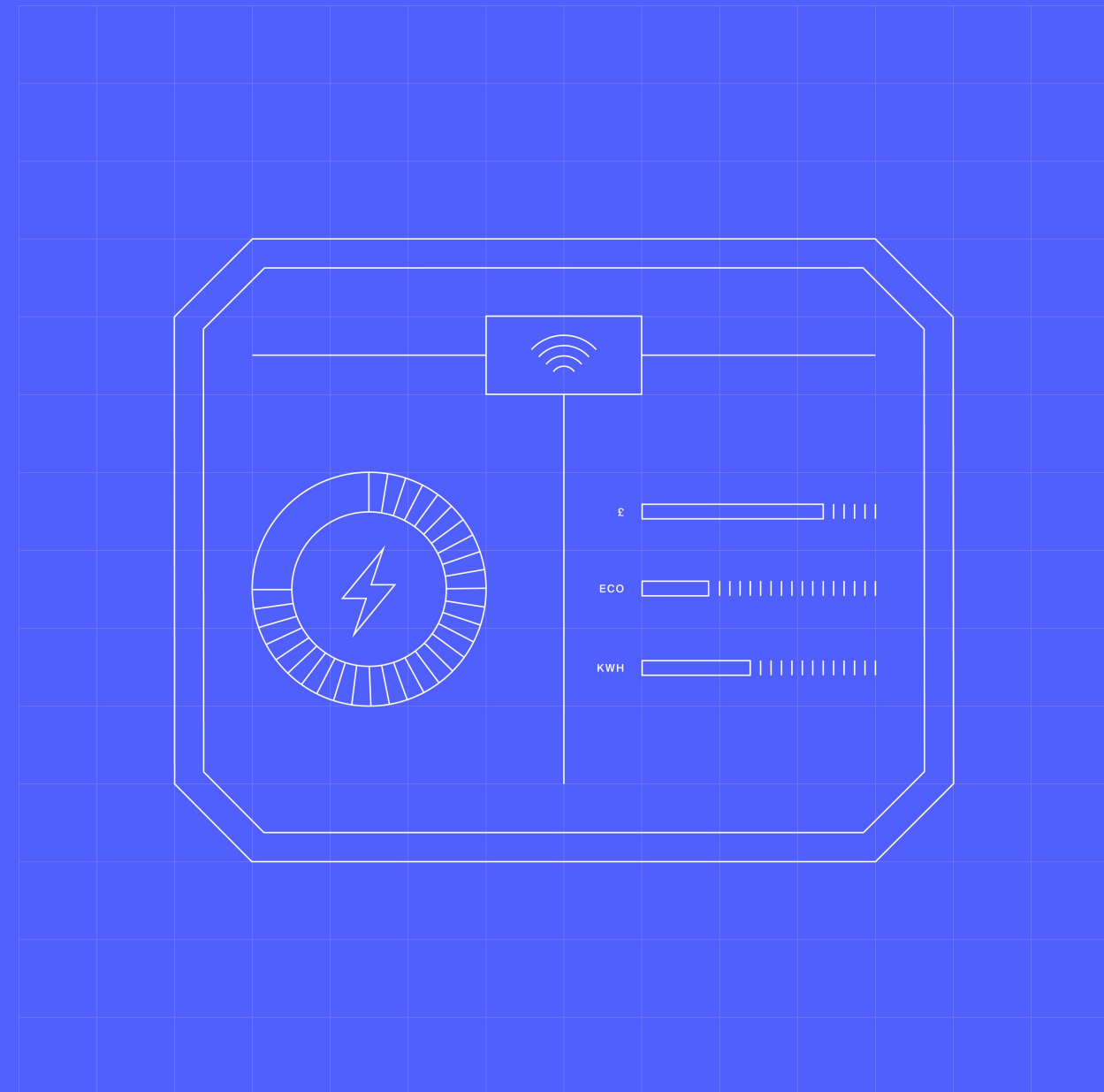
Confirmation of next steps will be provided following the decision.

DES-196 D-Flow and Interface Mapping

DECISION: Decision on approval of supplementary documents

Programme (Derek Weaving)

10 mins



- Further comments (21) received on Elexon Central System (ECS) Reports Daaa, Dbbb, Dccc and Dddd.
- Updates have been made to version 0.6 and attached for approval.

MHHSP view is that the new ECS Reports are of sufficient accuracy and quality to baseline and publish as v1.0

Where comments (19) have been received about the complimentary document to DES-196, these will be incorporated into the updates planned to take place after Interim Release 5 and have been acknowledged in the "Consultation Comments Log".

DAG Decision on DES-196 D-Flow and Interface Mapping

The DAG are requested to advise the SRO on the decision below:

DECISION [74]

SRO to approve the ECS Reports to become baselined attachments alongside DES-196

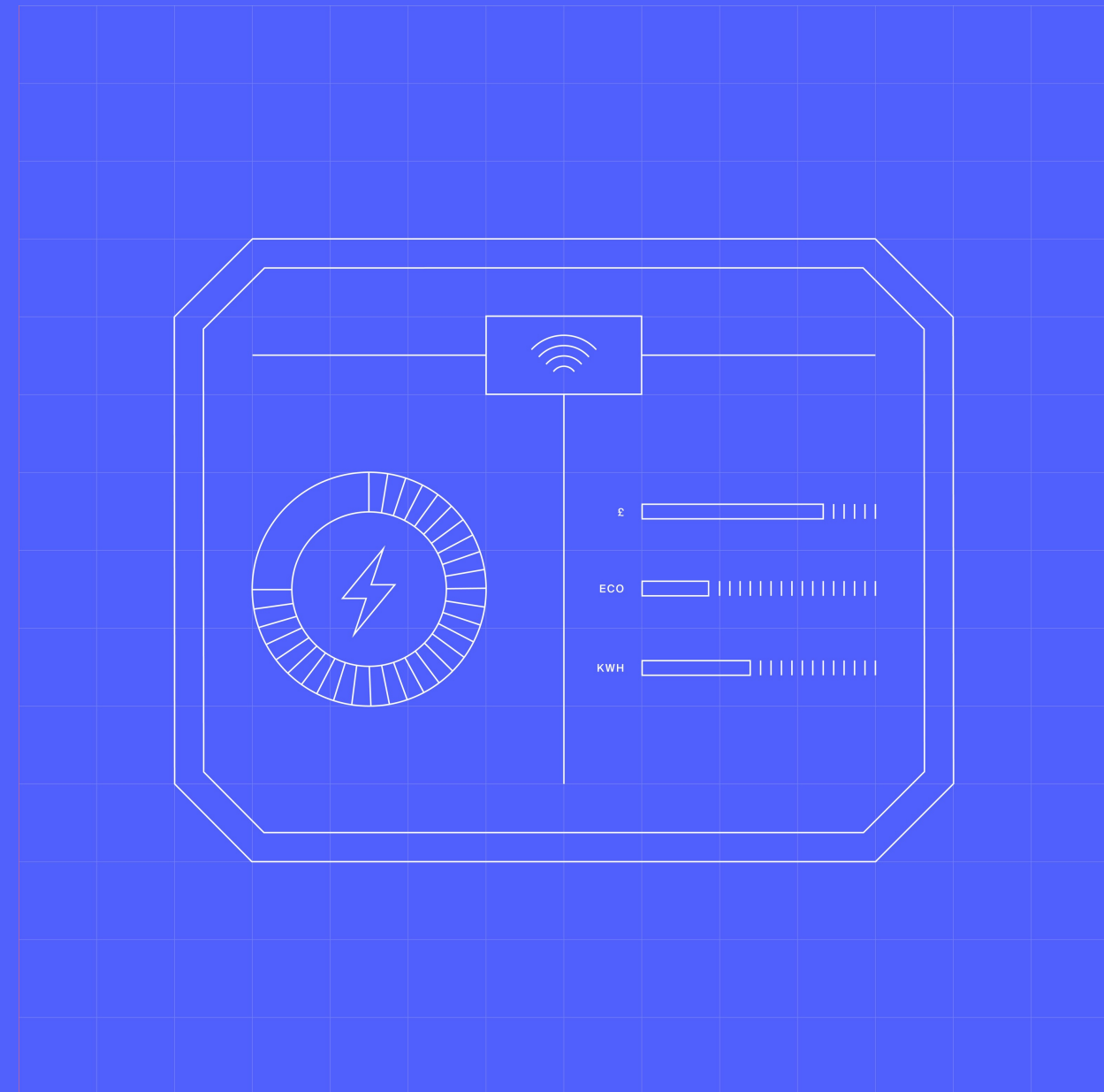
Confirmation of next steps will be provided following the decision.

Design (DIN)

INFORMATION: Update on the Design (DIN)

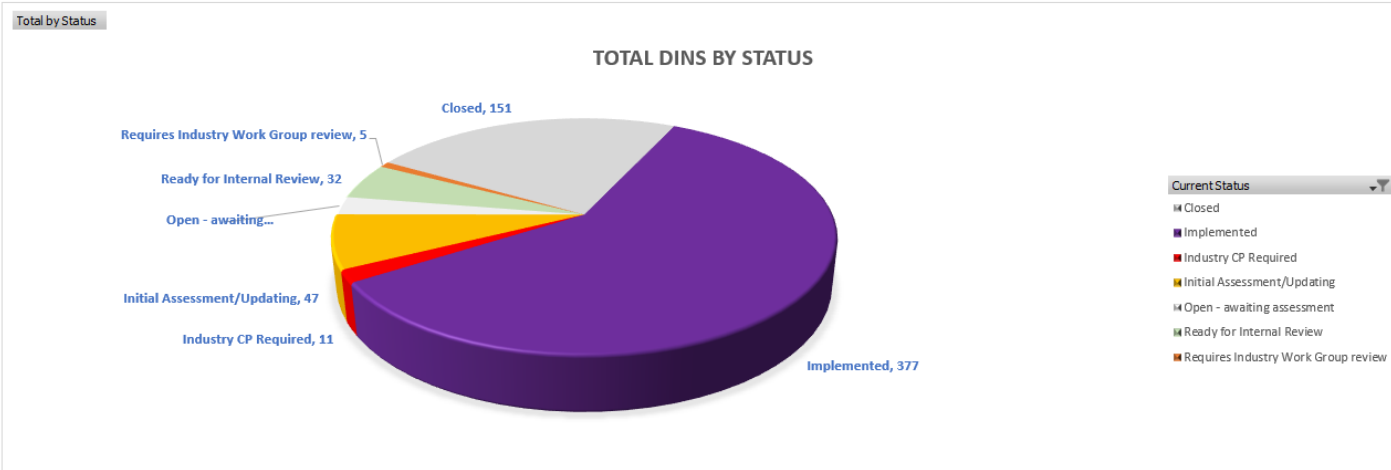
Programme (Paul Pettitt)

5 mins



DIN Log Stats as at 4 September 2023

Total Recorded DINs 639



Total DINs by Status

Current Status	Total by Status
Closed	151
Implemented	377
Industry CP Required	11
Initial Assessment/Updating	47
Open - awaiting assessment	16
Ready for Internal Review	32
Requires Industry Work Group review	5
Grand Total	639

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	83
Interim Release 6	25
Interim Release 7	2
Interim Release 8	1
Grand Total	488

Total Open DINs

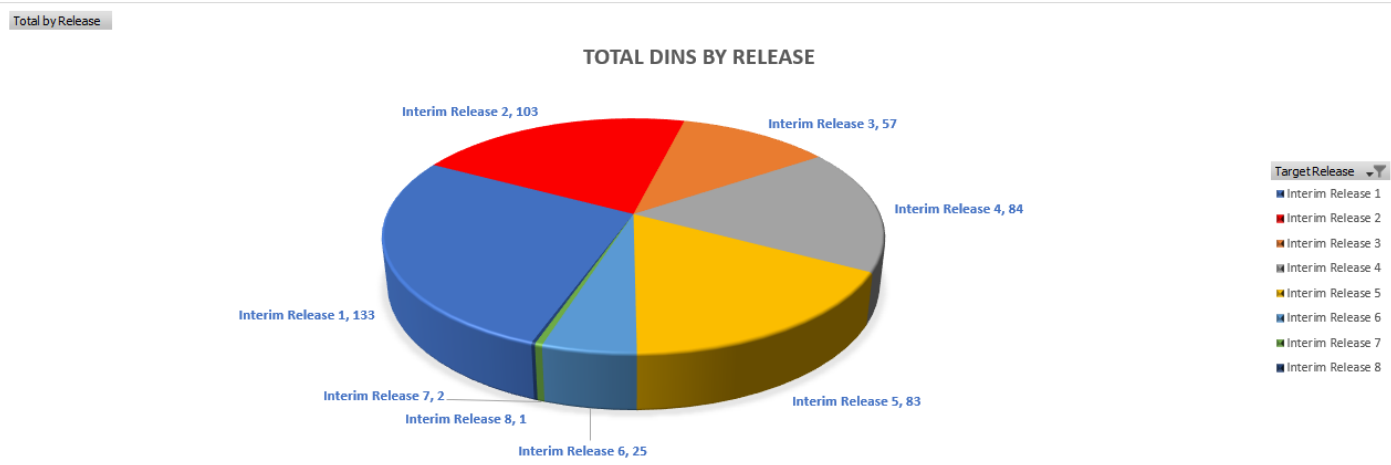
Status	Total by Status
Industry CP Required	11
Initial Assessment/Updating	47
Open - awaiting assessment	16
Ready for Internal Review	32
Requires Industry Work Group review	5
Grand Total	111

Total Closed DINs

Status	Total by Status
Closed (blank)	151
Implemented	377
Interim Release 1	133
Interim Release 2	103
Interim Release 3	57
Interim Release 4	84
Grand Total	528

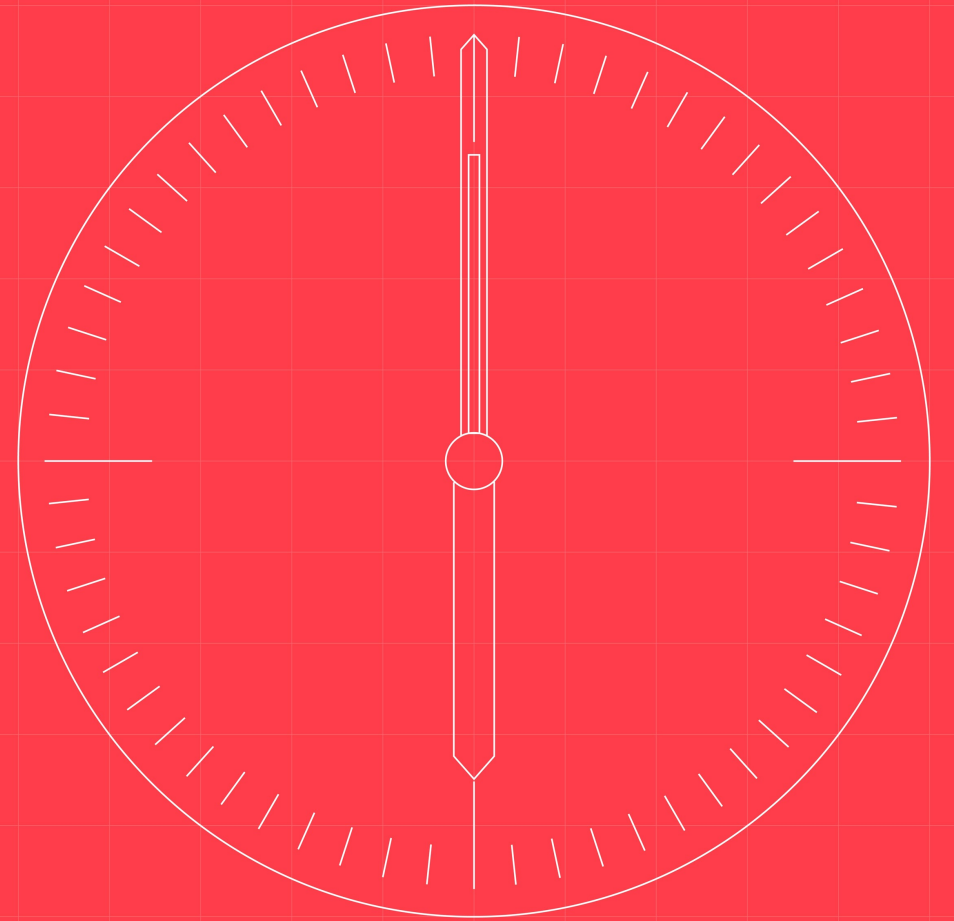
Total Open DINs by Age & Status

DINs by Date & Status	Total by Status
Jan	4
Initial Assessment/Updating	4
Feb	1
Initial Assessment/Updating	1
Mar	3
Initial Assessment/Updating	1
Requires Industry Work Group review	1
Ready for Internal Review	1
Apr	4
Initial Assessment/Updating	2
Requires Industry Work Group review	1
Ready for Internal Review	1
May	8
Initial Assessment/Updating	8
Jun	13
Industry CP Required	10
Initial Assessment/Updating	3
Jul	32
Open - awaiting assessment	13
Initial Assessment/Updating	13
Requires Industry Work Group review	1
Ready for Internal Review	5
Aug	40
Open - awaiting assessment	3
Industry CP Required	1
Initial Assessment/Updating	14
Requires Industry Work Group review	2
Ready for Internal Review	20
Sep	6
Initial Assessment/Updating	1
Ready for Internal Review	5
Grand Total	111



Break

10 mins

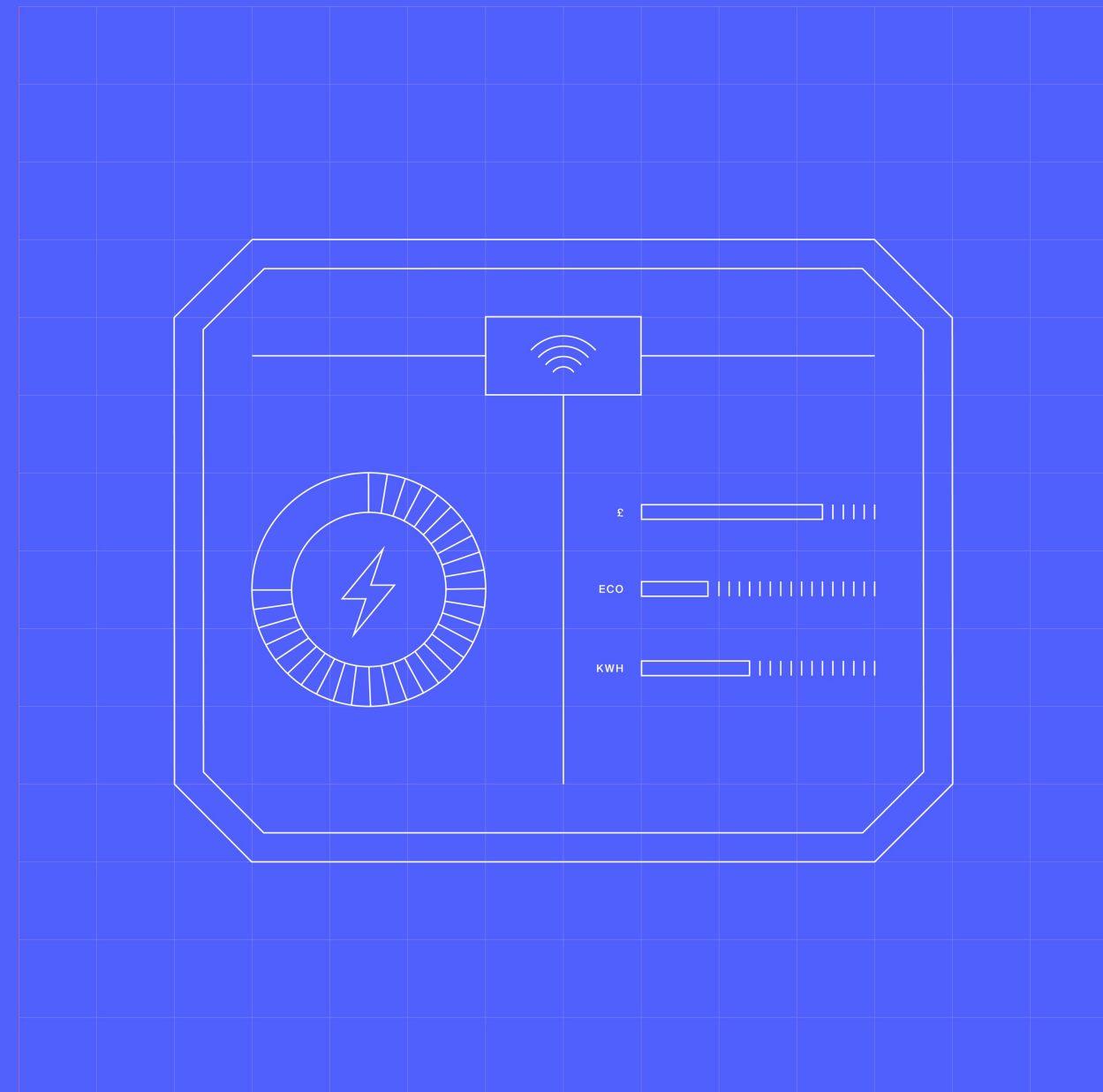


DAG Terms of Reference - Review and Approval

DECISION: Approval of updated DAG's Terms of Reference

Chair (Justin Andrews)

20 mins



- DAG actions DAG17-02 and DAG20-03:
 - *'Chair to review the DAG Terms of Reference to ensure there is clarity over the role of DAG post-M5'*
 - *'DAG members to provide any views on the role of DAG post M5 Work-Off Plan completion to support review of DAG ToR'*
- DAG Terms of Reference have been reviewed and updated to address:
 - moving from agreeing a design baseline to managing changes
 - feedback from the IPA, e.g. focussed decision making, design experts in attendance
 - explicit recognition of the updated CR process and Fast track design process
- DAG members invited to review updated DAG Terms of Reference, see attachment 13 and provide comments to MHHS PMO

DAG review and approval of updated DAG Terms of Reference

The DAG are requested to advise the SRO on the decision below:

DECISION [75]	SRO to approve the updated DAG Terms of Reference
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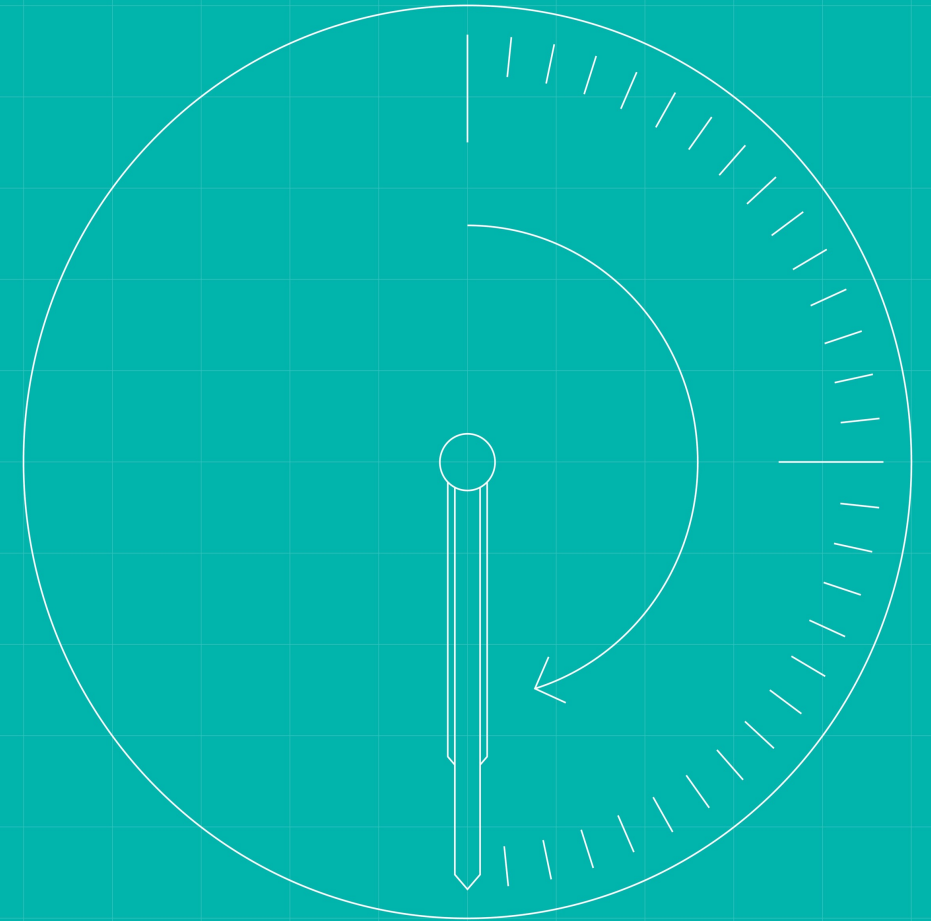
Confirmation of next steps will be provided following the decision.

Top Programme Risks related to DAG

INFORMATION: Update on the top Programme Risks related to DAG

Programme (PMO)

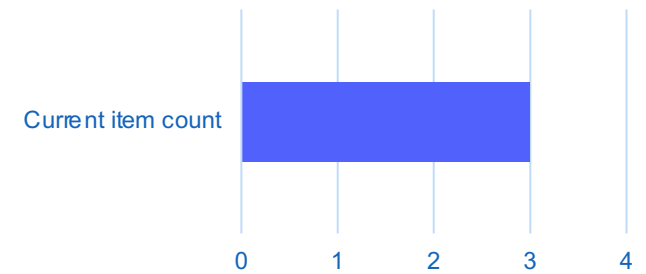
10 mins



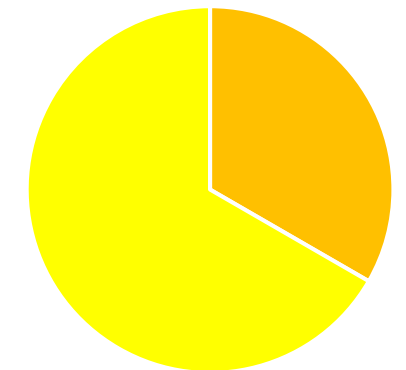
Top Programme Risks related to DAG

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	This could result in potential impacts to participant design and prevents participants meeting M9 milestone. This also may have implications for Code drafting.	High	1) Monitoring Change Requests and understanding their impact on Design 2) Where changes not concluded, making clear what risks are contained within future Programme planing
R421	There is a risk that following the recent Design Resolution Group (DRG - for DINs needing industry discussion) being established (which may lead to changes required to IF/ PUB interfaces), this risks parties' designs no longer being appropriate requiring new or additional rework	<u>Potential impacts are:</u> 1) Designs for parties outside of the programme may need to change 2) These and the PIT simulator may not support these changes and updates will be required in time for PIT testing and some/all PIT testing undertaken to date may be Null and Void. Changes will need to be fully implemented ahead of future dated (Supplier etc) PIT testing to ensure testing is valid. 3) Potential increased costs to support new designs with extended timescales to develop new / update current designs & solutions.	Medium	We accept this is an ongoing risk. Mitigations: 1) Programme will consider responses to any change requests raised and how this may affect participants and the overall Programme Plan 2) Participants must progress with information known to date (see no.4) 3) Programme planning may need to account and to allow for these new changes, based on feedback from participants 4) Programme has provided clarity on minimum Design to work to (CIT - end of June 23 version, SIT - October 23 version)
R214	There is a risk that suppliers will face increased meter reading costs due to the compressed settlement window. Suppliers may be required to read trad/non-communicative meters more frequently	This may result in an increased cost to suppliers	Medium	1) Session required to initiate modelling of Smart Meter rollout and meter read retrieval rates to inform Performance Metrics 2) Accepted risk - this is an issue for PA framework and BSC when they monitor suppliers' ability to read trad meters.

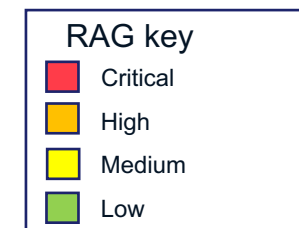
DAG risk count



DAG risks RAG



■ High risks ■ Medium risks

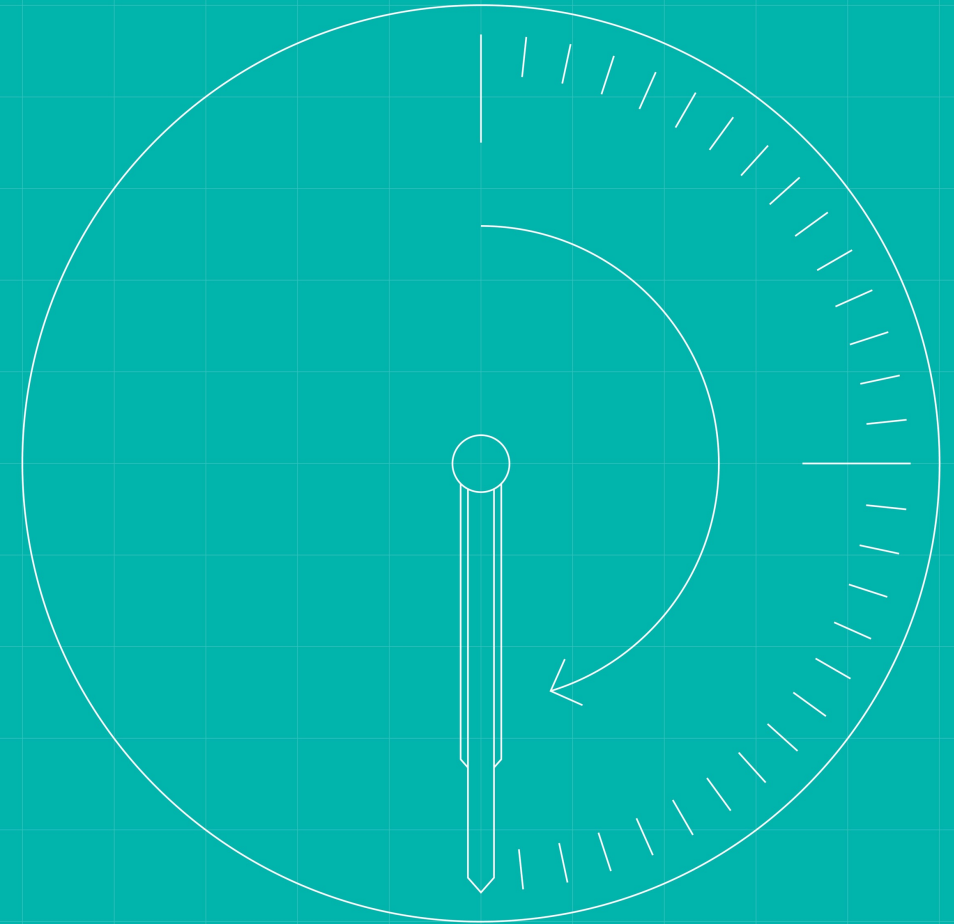


Programme Updates

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

Programme (PMO)

5 mins



Governance group updates

Programme Steering Group (PSG)

Updates from PSG 02 August 2023

- Route to M9:** PSG received an overview of activities required and the process for approval in the sign-off of M9 (System Integration Test Start). This included the route to SIT readiness, SIT CIT & SIT Functional timelines and an overview of decision choreography & high-level criteria.
- SIT Assurance Observations:** PSG received an overview of observations gathered as part of delivery and design assurance in readiness for M9 (System Integration Test Start)
- Core Capability Provider Update:** PSG members received focused delivery updates from SCS, DCC and RECCo
- IPA Testing Assurance:** The IPA provided an update on the outcome of the P1 Test Assurance report and timelines for P2.

PSG papers available [here](#).

Testing and Migration Advisory Group (TMAG)

Update from TMAG 16 August 2023

- Upcoming Programme Milestones related to TMAG:** The TMAG approved the SIT Data Cut GONG for the 19 August 3034.
- Environments Approach and Plan:** The TMAG approved v2.5 of the Environment Approach and Plan (with the caveat that sign-off of future versions will come to TMAG).
- SIT Functional Test Approaches & Plans:** The TMAG approved version 0.4 of the SIT Functional Test Approach and Plan.
- SIT Functional Test Data Approaches & Plans :** The TMAG approved version 0.4 of the SIT Functional Test Approach and Plan.
- CIT Test Scenarios Update:** The Programme shared that the CIT Test Scenarios were coming to an extraordinary TMAG for approval on 30 August 2023.
- CIT Readiness Criteria:** The TMAG approved the CIT Readiness Criteria and Tracker.
- Qualification Update:** The Elaxon Qualification Lead provided an update on the responses received to participant Qualification tranche requests.
- IPA Test Assurance Update:** The IPA provided an update on P2 Test Assurance.

TMAG papers available [here](#)

Design Advisory Group (DAG)

Updates from DAG 09 August 2023

- CR024 Decision:** The DAG Chair approved [CR024 \(Data Item Names and Descriptions\)](#). The change will now be scheduled for release via the Design Issues Notification (DIN) Log and the release date confirmed in due course.
- CR023 & CR027:** Decisions on approval of [CR023 \(Standardisation of Interfaces within the Smart and Advanced Data Services Roles\)](#) and [CR027 \(Distribution Use of System \(DUoS\) E-Billing Data Integration Platform \(DIP\) message for MHHS \)](#) were deferred to the September 2023 DAG meeting, pending the provision on implementation plans by the Programme.
- CR028, CR029 & CR030:** These new CRs were approved for issuance to Impact Assessment (IA) subject to minor amendments. Each CR will be issued for IA in dues course with notification to be provided to all Principal Contacts and view The Clock.
- DES-196 D-Flow and Interface Mapping:** DAG approved the issuance supplementary documents relating to data flows for consultation.

DAG papers available [here](#)

Cross Code Advisory Group (CCAG)

Update from CCAG 23 August 2023

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

CCAG papers available [here](#)

Wider Programme updates

Programme News:

- Readiness Assessment 3:** On **Tuesday 5 September**, the Programme Party Coordinator (PPC) Team issued Readiness Assessment Three (RA3) to participants' Principal Contacts for completion. Participants have three weeks, until **17:00 on Monday 25 September**, to return their completed assessment.
- MHHS Programme Survey:** Last week, you received an email inviting you to fill in a survey about the MHHS Programme Collaboration Base, Website and The Clock. The survey is open until **Friday 22 September 2023**. [Click here to fill in the short anonymous survey](#) which will take you **less than five minutes** to complete.
- Hotfix: DIP Simulator aligned to v1.2 of Swagger:** In response to concerns raised by participants to the known inconsistencies between Swagger and the DES138 Interface Catalogue, the DIP Simulator has undergone a Hotfix (update performed on a live environment) to align the DIP Simulator with v1.2 of Swagger. You can find more information on the Hotfix on the [Simulators and Emulators page of the MHHS website](#).

Participant Checklist:

- Design Interim Release 4 and Interim Release 5 objection cut-off:** The Programme has published the **Interim Release 4 Design Artefacts** on the [Baselined Design Artefacts page of the MHHS website](#), as well as a published red-lined documents with tracked changes on the [Red-lined Design Artefacts page](#). The objection cut-off date for Interim Release 5 is **Wednesday 20 September 2023**.
- Systems Integration Testing (SIT) Functional Test Scenarios Assurance Review:** The approved Test Scenarios are published on the [SIT page of the MHHS website](#). Participants can also view the Consolidated Comments Logs for both the v5.0 Assurance Review,

Upcoming events:

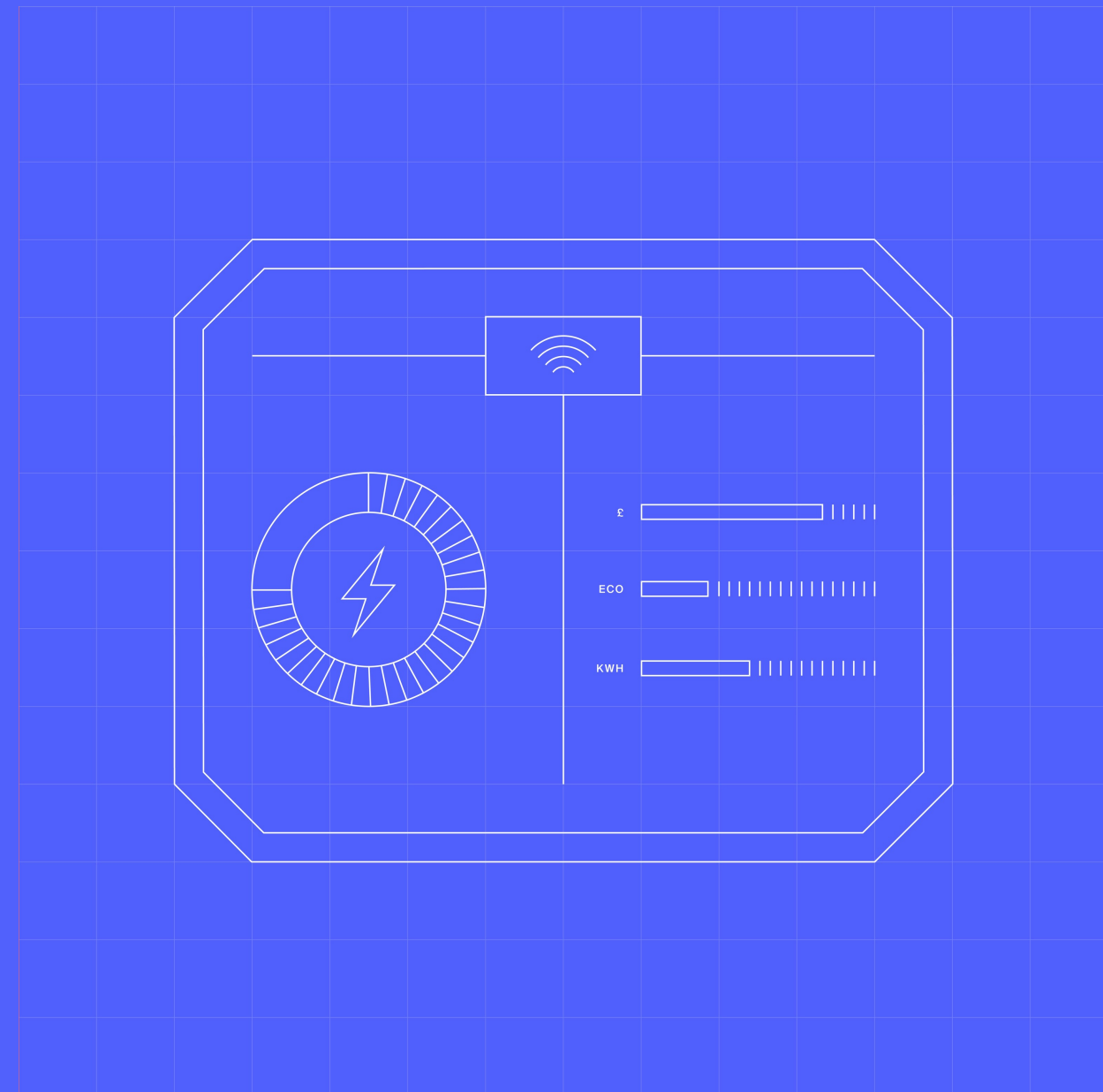
- 7 September:** Data Working Group (DWG)
- 7 September:** Systems Integration Testing Working Group (SITWG)
- 7 September:** DIP Onboarding Webinar 12:30-13:15
- 12 September:** Qualification and End-to-End Sandbox Working Group (QWG)
- 12 September:** Code Drafting Working Group (CDWG)
- 13 September:** [Design Advisory Group \(DAG\)](#)

Summary and Next Steps

INFORMATION: Summarise key discussions, actions, and next steps

Chair & Secretariat

10 mins



Summary and Next Steps

Next steps:

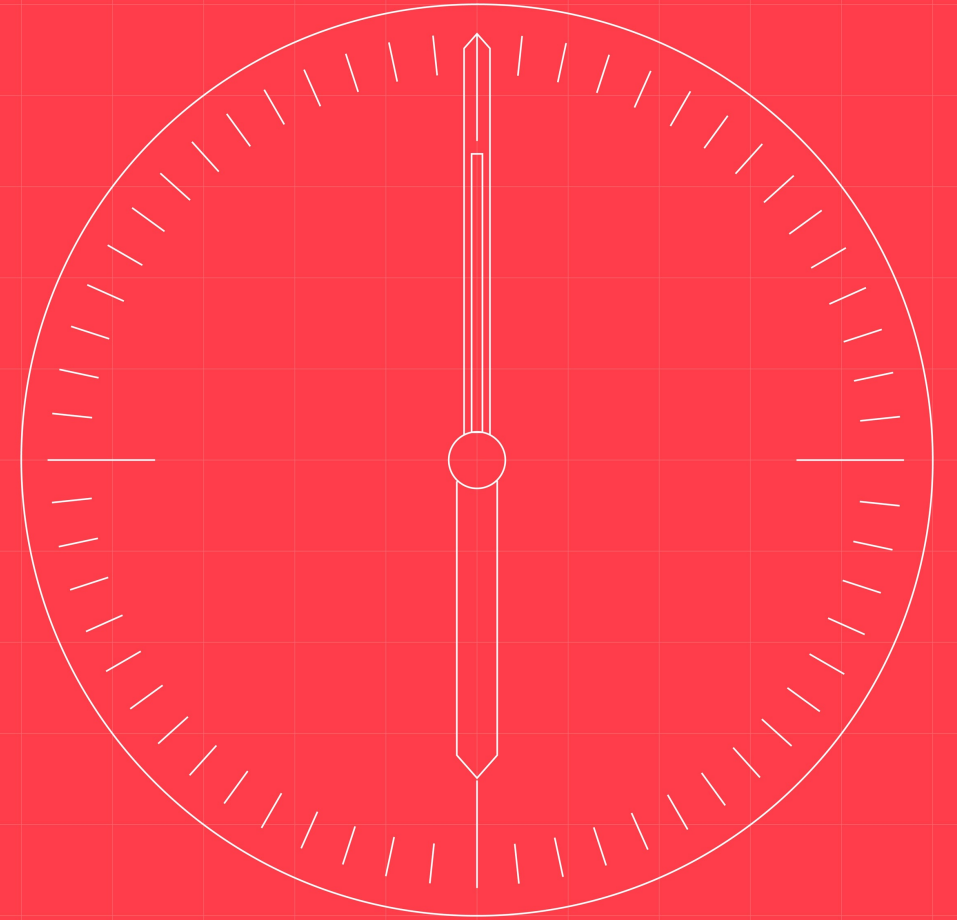
- Confirm actions and decisions from meeting
- Next DAG regular meeting: **11 October 2023 at 10am**

DAG agenda roadmap:

Meeting dates	11-October	08-November	13-December
Relevant milestones or activities	<ul style="list-style-type: none">• TBC	<ul style="list-style-type: none">• TBC	<ul style="list-style-type: none">• TBC
Agenda items	<ul style="list-style-type: none">• Interim Releases and DIN Log• Programme Change Requests	<ul style="list-style-type: none">• Interim Releases and DIN Log• Programme Change Requests	<ul style="list-style-type: none">• Interim Releases and DIN Log• Programme Change Requests
Standing items	<ul style="list-style-type: none">• Minutes and Actions• Programme Updates• Summary and Next Steps	<ul style="list-style-type: none">• Minutes and Actions• Programme Updates• Summary and Next Steps	<ul style="list-style-type: none">• Minutes and Actions• Programme Updates• 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)

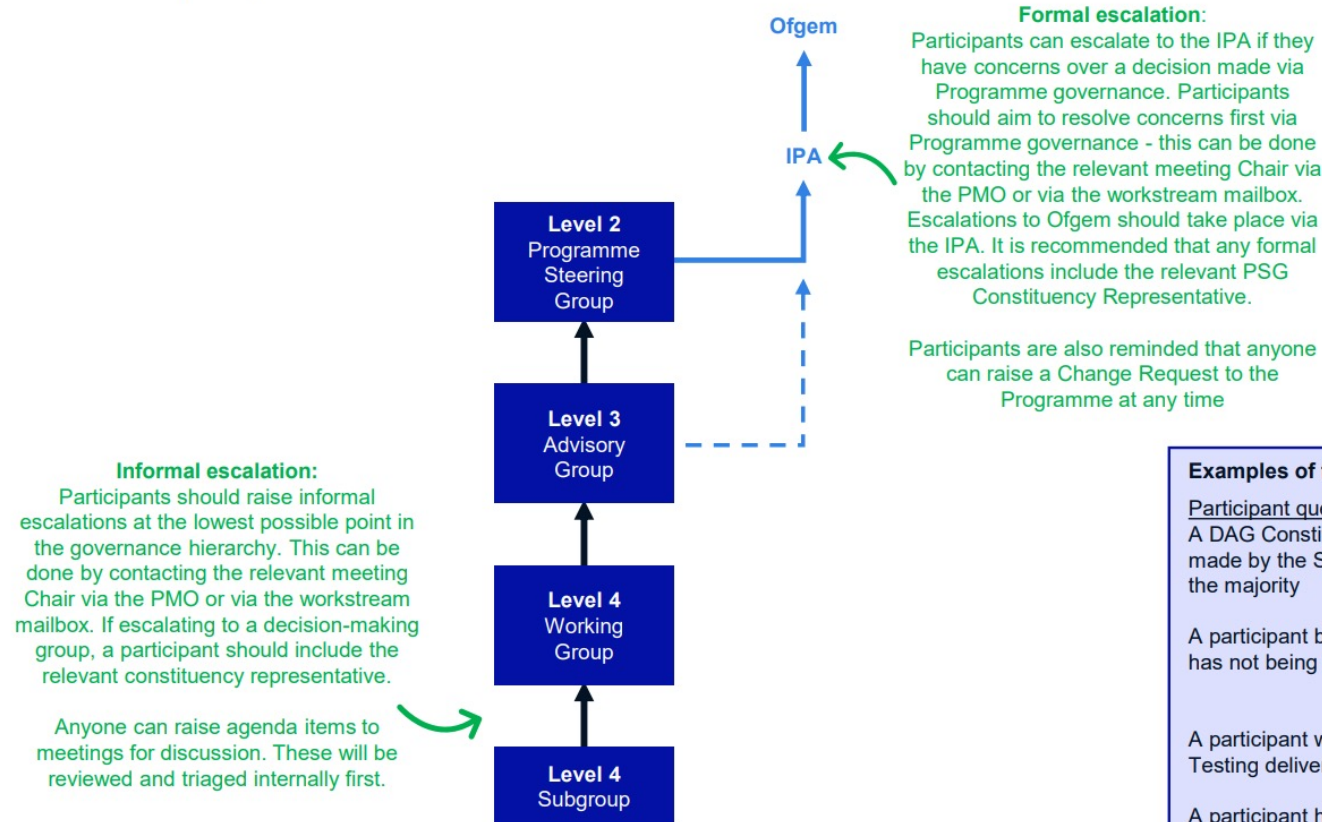
Appendix 1



MHHS Governance Query and Escalation Processes

Escalation process

Formal escalations relating to a decision made via Programme governance should be escalated to the next level of Programme governance or to the IPA. **Informal** escalations on items such as general activity or approach should be escalated to the lowest level of Programme governance for the relevant workstream. The governance structure should be used for all escalations and participants should avoid directing concerns to specific points of contact. When raising an escalation, participants should provide clear context, rationale and any impacts if no action is taken (the format of the Change Request form could be used as a guide for the information required).



Note: this process is separate to Ofgem decision-making escalation criteria

General queries

General queries can be directed to the relevant Programme workstream by email. Each workstream owns a mailbox. An update-to-date list of workstream email addresses is available on the Website and Collaboration Base.

If you do not know where to direct a query, the Programme Party Coordinator (PPC) team can happily help at PPC@mhhsprogramme.co.uk

Contact Us

Programme email addresses have been set up to support participants. To help triage as quickly as possible, please use the most suitable email address below:

PMO@mhhsprogramme.co.uk for business related queries relating to Programme meetings or planning, including dPMO.

Design@mhhsprogramme.co.uk for queries on Design documents, comments or meetings.

Testing@mhhsprogramme.co.uk for queries on Testing documents, comments or meetings.

Code@mhhsprogramme.co.uk for queries on the Code workstream or code-related documents or meetings.

Migration@mhhsprogramme.co.uk for any queries on Migration Design.

Sims.Ems@mhhsprogramme.co.uk for queries on Simulators & Emulators, the DIP Simulator demo or to join our Sims & Ems Show & Tell sessions.

SRO@mhhsprogramme.co.uk for correspondence or information on strategy, governance or the Programme as a whole.

Comms@mhhsprogramme.co.uk for queries on the MHHS website, The Clock, Design Newsletter or media relations.

Extract of 'Contact us' webpage

Examples of this in action:

<p><u>Participant query</u> A DAG Constituency Representative believes a decision was made by the SRO at DAG without solid rationale and against the majority</p> <p>A participant believes a significant activity required in SIT has not being considered by the Programme at the SITWG</p> <p>A participant wants to know more detail about an upcoming Testing deliverable</p> <p>A participant has proposals on how to improve the communications process for consultations</p>	<p><u>Appropriate action</u> The participant should escalate to the PSG Chair via the PMO and via their PSG Constituency Rep. If this does not resolve their concern, they should escalate to IPA.</p> <p>The participant should escalate to the TMAG by contacting their TMAG Constituency Rep and the TMAG meeting chair via the PMO and the workstream mailbox.</p> <p>The participant should contact the Testing mailbox</p> <p>The participant should contact the PPC mailbox</p>
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