
Programme Steering Group #30

06 March 2024

Agenda

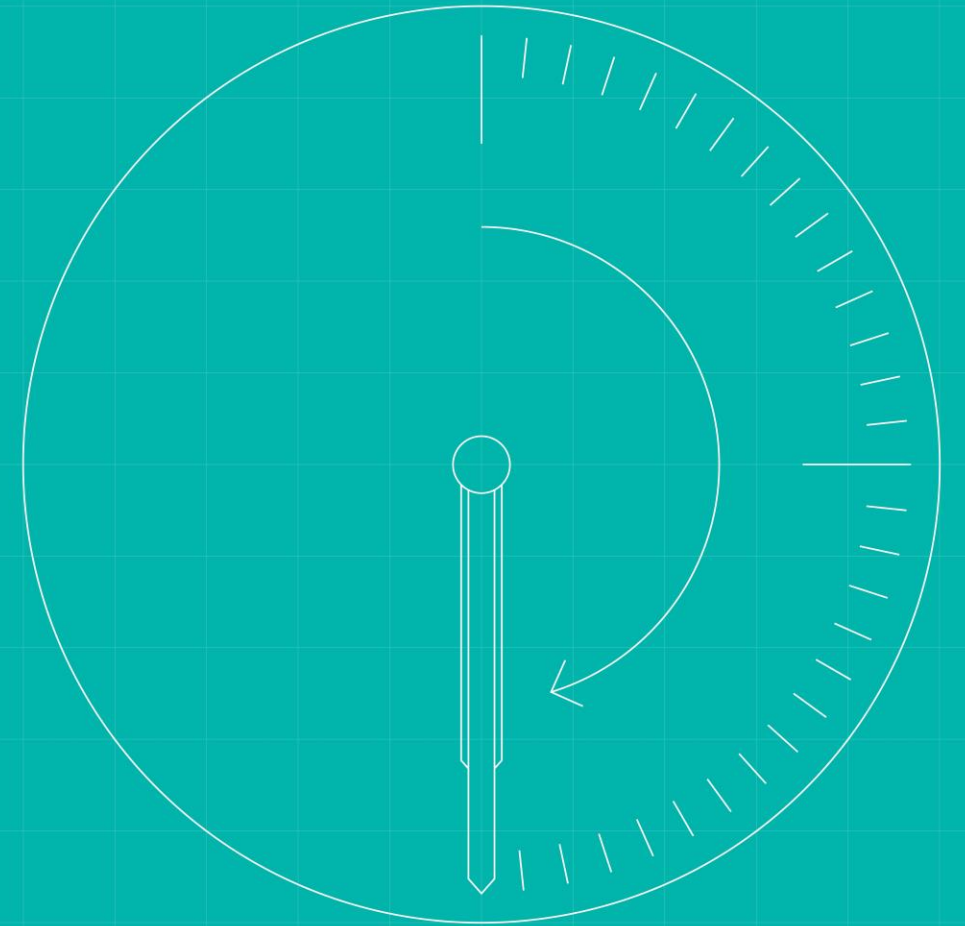
#	Item	Objective	Type	Lead(s)	Time	Page
1	Welcome		-	Chair	10:00-10:05 5 mins	1
2	Minutes and Actions	Approve headline report of previous meeting and review actions	Decision	Chair & Secretariat	10:05-10:15 10 mins	3
3	New Advisory Groups ToR Approval	Decision on approval of Terms of Reference for the SITAG, QAG, and MCAG	Decision	Programme (PMO)	10:15-10:25 10 mins	6
4	Qualification Testing Updates	Updates on Qualification Testing from the Programme and Elexon	Information	Elexon (Sarah Ross), RECCo (Andrew Wallace) & Programme (Jason Brodgen)	10:25-10:35 10 mins	8
5	Migration Update	Programme updates on Migration plan and progress	Information	Programme (Warren Fulton)	10:35-10:45 10 mins	11
6	Programme Reporting	Updates from the Programme on: <ul style="list-style-type: none"> • Test status update • Milestone reporting against the Programme Plan • SIT Functional commencement risks • SIT Functional commencement decision choreography 	Information	Programme (Keith Clark & Adrian Page)	10:45-11:05 20 mins	14
7	CR036 Appeal Update	Overview of IPA findings from CR036 appeal review	Information	IPA (Richard Shilton)	11:05-11:15 10 mins	21
8	Change Control	Overview of improvements to the MHHS Change Control Approach, incl. CR036 Appeal	Decision	Programme (Lewis Hall & Immy Syms)	11:15-11:25 10 mins	25
9	Delivery Dashboards	Questions from PSG members on delivery dashboard content	Information	Chair	11:25-11:50 25 mins	30
10	Summary and Next Steps	Summarise actions and decisions, and look ahead to next meeting	Information	Chair & Secretariat	11:50-11:55 5 mins	59
	Appendix	New Advisory Groups Update	Information			62

Minutes and Actions

DECISION: Approve minutes and review actions

Chair & Secretariat

10 mins



Minutes and Actions (1 of 2)

1. Approval of [PSG 07 February 2024 Headline Report](#)
2. Review of actions:

Ref	Action	Owner	Due	Latest Update
PSG18-05	Look into the assurance process for LDSOs for the accuracy of data for DUoS billing	IPA (Richard Shilton)	January 2024	ONGOING REMAINING ITEM: IPA progressing proposed DBT2 assurance activities with Ofgem. Programme elements of action complete. DBT2 assurance is a key MHHS dependency and risk mitigator.
PSG21-05	Programme to discuss with IPA the potential inclusion of IPA test assurance activities alongside programme plan information, to assist participants' view of effort requirements	Programme and IPA	Q1 2024	ONGOING: IPA test assurance activities have been incorporated into the new MHHS Transition Timeline and Implementation Approach. The minor updates include a new swim lane within the PoaP which cover related IPA activities. The updated document is due to be republished following the restructuring of certain SIT preparation activities (Q1 2024 Jan-Mar). In the meantime, participants are encouraged to contact the IPA for a view on any IPA assurance activities.
PSG24-01	Elexon and RECCo to provide transparency around qualification testing dates, assumptions on equivalence from SIT, and understanding of testing which may be required in addition to SIT-based evidence requirements. In addition, Elexon and RECCo to ensure the clarifications are raised to the Qualification and E2E Sandbox Working Group (QWG) and current plan dates are published.	Elexon (Oli Meggitt) & RECCo (Jonny Moore)	04/10/2023	ONGOING: Updates provided under Agenda Item 4. To be closed hereafter and monitored as part of standing agenda.
PSG24-02	Elexon to discuss development of the Qualification Assessment Document (QAD) and Qualification Approach and Plan (QA&P) document with the IPA.	Elexon (Oli Meggitt)	04/10/2023	ONGOING: Elexon Helix to provide updates under agenda item 4. QAD and QA&P have been consulted upon. To be closed hereafter.
PSG28-01	Elexon to provide detailed update on the progression of the Settlement Analysis Scoping Working Group (SASWG) outputs.	Elexon (John Abbott)	07/02/2024	ONGOING: Helix update: Focus is on determining what the potential issues to be modeled with regards to potential commercial issues at Go-Live could be. Expect to complete a comprehensive set of scenarios that could be reviewed should pertinent data be available by end April. We will then need to review emerging understanding of actual qualification and migration patterns and some further insight into potentially available data to make worthwhile progress on the goal of clarifying potential unexpected impacts.

Minutes and Actions (2 of 2)

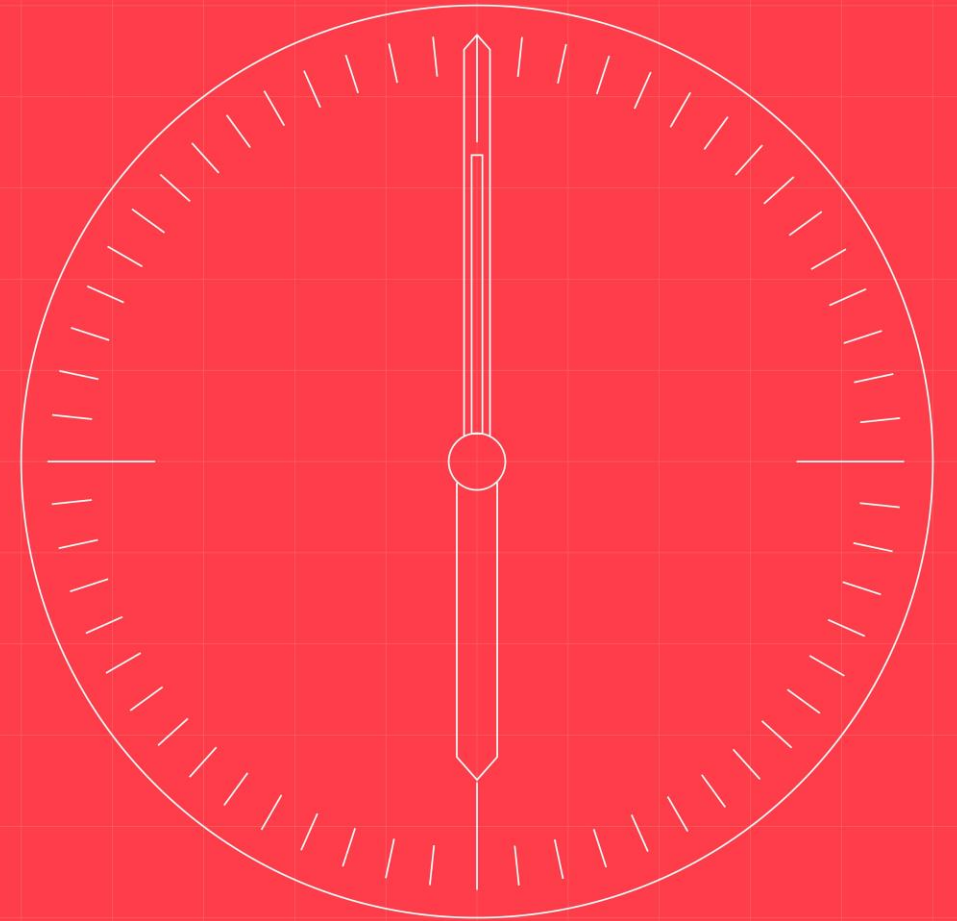
Ref	Action	Owner	Due	Latest Update
PSG29-01	Ofgem to confirm whether MHHS paper to be submitted to GEMA will be publicly available.	Ofgem (Jenny Boothe)	06/03/2024	ONGOING: Ofgem to provide update in the meeting.
PSG29-02	Programme and Code Bodies to consider whether QWG cadence should be increased, split into separate constituencies, or whether an implementation focussed group like FTIG is required.	Programme (Qualification Team) & Code Bodies	06/03/2024	RECOMMEND CLOSED: An agenda item was discussed at February's QAG to keep one working group due to the overlap in deliverables between different qualification pathways but to make more use of ad hoc QWG to support specific activities. An example of this is the combined QWG / EWQ on 5 March 2024 and LDSO specific walk throughs of test scenarios and test cases. Code Bodies and MHHSP will keep this under review and will look to adjust engagement approach if needed.
PSG29-03	IPA to consider additions or clarifications to the appeals process following the completion of the current CR036 appeal.	IPA (Richard Shilton)	06/03/2024	ONGOING: Outcome of CR036 appeal provided under agenda item 7.

New Advisory Groups ToR Approval

DECISION: Decision on approval of Terms of Reference for the SITAG, MCAG, and QAG

Programme (PMO)

10 mins



Recommendation on the New Advisory Group Terms of Reference

The Terms of Reference (ToR) for the new Advisory Groups (SITAG, QAG and MCAG) have been recommended to PSG for approval as v1.0 by their respective Advisory Groups.

Each ToR can be viewed through the following links: [SITAG ToR](#), [QAG ToR](#), and [MCAG ToR](#).

SITAG ToR DECISION [70]

- Recommended to be approved at SITAG on 21-Feb-24
- **For decision:** *PSG agree for the SITAG Terms of Reference be approved as v1.0*

QAG ToR DECISION [71]

- Recommended to be approved at QAG on 22-Feb-24
- **For decision:** *PSG agree for the QAG Terms of Reference be approved as v1.0*

MCAG ToR DECISION [72]

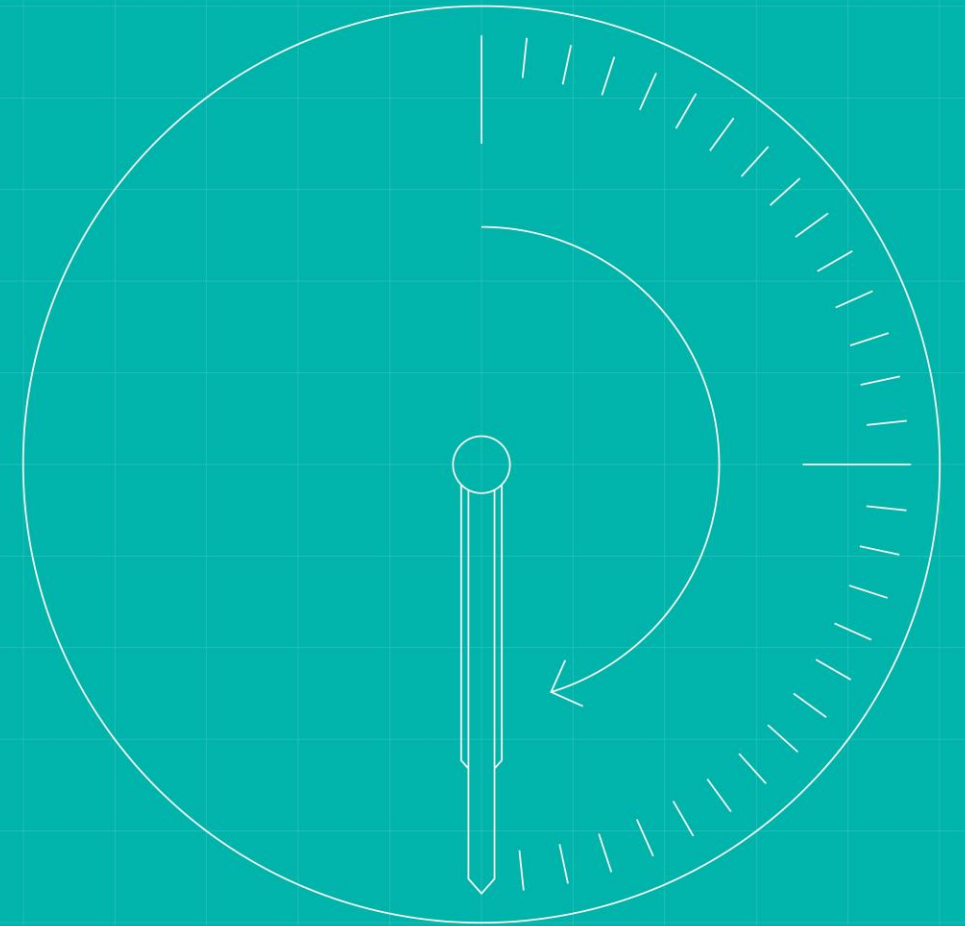
- Recommended to be approved at MCAG on 27-Feb-24
- **For decision:** *PSG agree for the MCAG Terms of Reference be approved as v1.0*

Qualification Testing Updates

INFORMATION: Updates on Qualification Testing from the Programme and Elexon

Code Bodies (Andrew Wallace & Sarah Ross) & Programme (Jason Brogden)

10 mins



Qualification Update

Qualification Route	Topic	Update
All	Qualification Approach & Plan (QA&P)	<ul style="list-style-type: none"> The QA&P consultation completed on 14/02 and responses are being consolidated. March's QAG will be asked to approve the QA&P (ahead of final approval by BSC PAB/REC PAB at the end of March). Proposed changes to the programme plan where discussed at February's QAG. "Representatives to go to constituents for additional comments on any changes to milestones in slide . A programme CR will be raised to update the programme plan.
	Qualification Assessment Document (QAD)	<ul style="list-style-type: none"> The QAD was released for consultation on 16/02 and is due to close on 01/03. The document is relevant for all parties. As with the QA&P, it is targeted to be approved at March's QAG ahead of final approval by BSC PAB/REC PAB at the end of March. Code Bodies are aware that participants will need more support and guidance for completing the QAD and are working with PPC to agree future webinars and the best approach for running those.
	Open Day	<ul style="list-style-type: none"> Preparation is underway on Qualification material for the open day (23/04). Qualification section will focus on how participants can best prepare for Qualification activities.
Non-SIT Suppliers and Agents	Test Environment and Test Data Approach	<ul style="list-style-type: none"> An initial view of the proposed approach for Non-SIT S&A testing was provided at February's QWG, with a more in depth follow up session on 05/03. The Non-SIT Supplier and Agent Qualification Testing Approach and Plan (Annex 2 of the QA&P) is due to go out for consultation on 18/03.
	Functional Test Scenarios	<ul style="list-style-type: none"> Non-SIT S&A Functional QT test scenarios are being developed based on the SIT Functional test scenarios, aligned to the Code Body Assessment Criteria. The test scenarios will be issued for consultation on 11/03 and are targeted for approval in April QAG.
	Pre-Qualification Submission	<ul style="list-style-type: none"> Pre-Qualification Submission webinar is scheduled to be held on 7/3/24. There has been a large uptake for the webinar. Recording and FAQ will be published, post event, to support participants in completing the submission.

Qualification Update

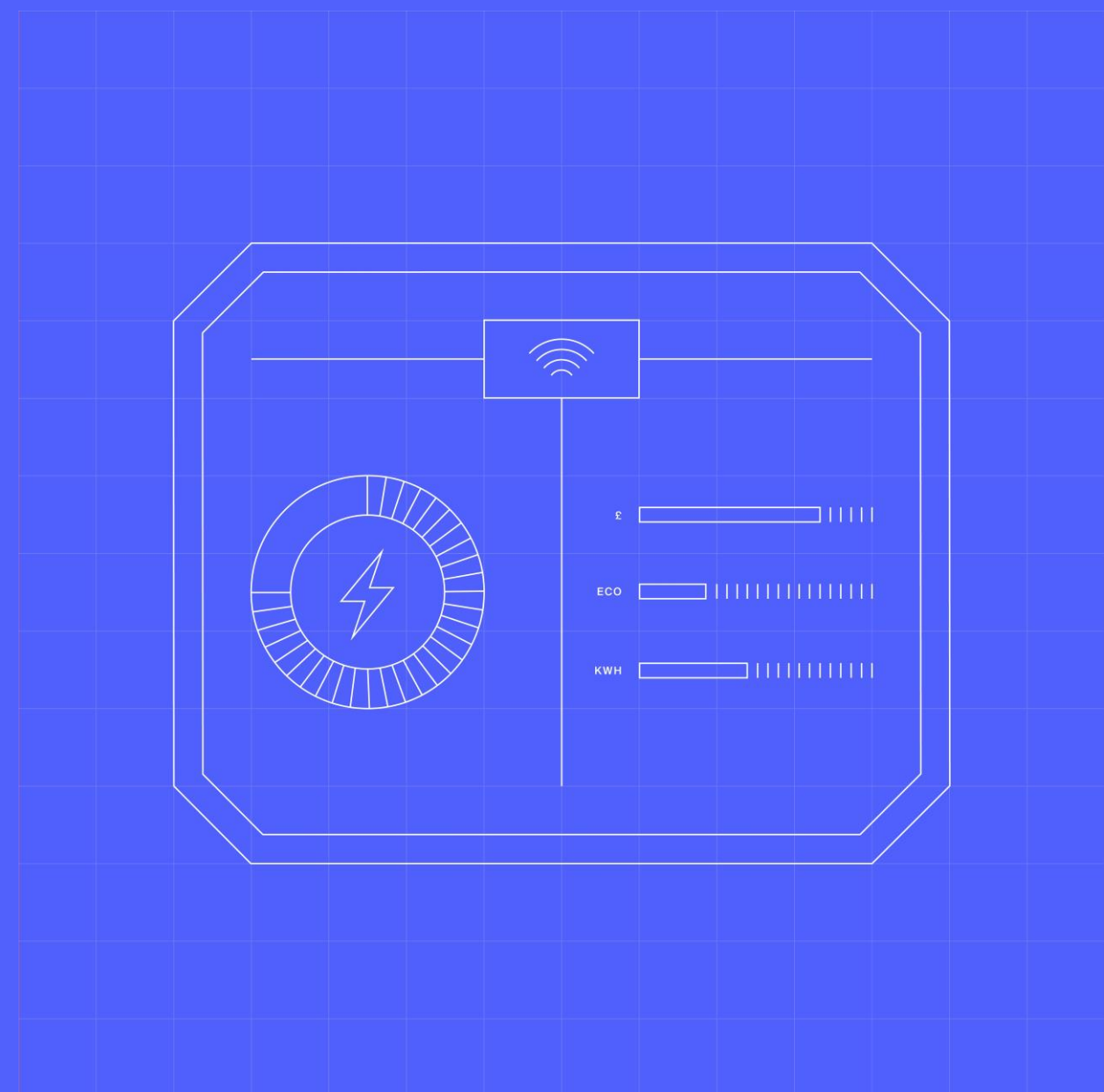
Qualification Route	Topic	Update
Non-SIT LDSO	Annex 1 (Non-SIT LDSO MHHS QT Approach & Plan)	<ul style="list-style-type: none"> Annex 1 consultation completed on 14/02 and responses are being consolidated. March's QAG will be asked to approve the QA&P (ahead of final approval by BSC PAB/REC PAB at the end of March).
	Test Environment and Test Data Approach	<ul style="list-style-type: none"> An update on test data plan will be shared at March's QWG and the document shared with LDSOs post this for review. This includes dates for test data activities to support LDSO planning Test environment approach has been shared at QWG for discussion. MHHSP-DEL618 Environment Approach & Plan will be updated to reflect the outcome of these discussions.
	Test Scenarios & Test Cases	<ul style="list-style-type: none"> LDSO have submitted feedback on batch 1 of the test scenarios and this is being incorporated. Batch 2 which includes test scenarios and test cases have been shared with LDSO and a review session held on 1 March.
	Placing Reliance and individual test scope	<ul style="list-style-type: none"> Placing Reliance submissions are outstanding from 2 new entrant LDSOs. Code Bodies and MHHSP have shared feedback with LDSOs with the majority of submissions being agreed. There are some outstanding items which are being picked up with individual LDSOs. LDSO have provided feedback they need to understand their individual test scope to support their plan. Now that majority of placing reliance is understood, MHHSP and Code Bodies are working together to agree focus areas for each LDSO. Post this agreement, MHHSP will work with each LDSO to reach agreement at a test case level.
	Test Deliverables	<ul style="list-style-type: none"> PIT Guidance has been updated for Qualification Testing and this has been shared as part of March's QWG material. Work is underway on updates to defect management and release management documents.

Migration Update

INFORMATION: Programme updates on Migration plan

Programme (Warren Fulton)

10 mins



Migration update

MCC Framework consultation approach

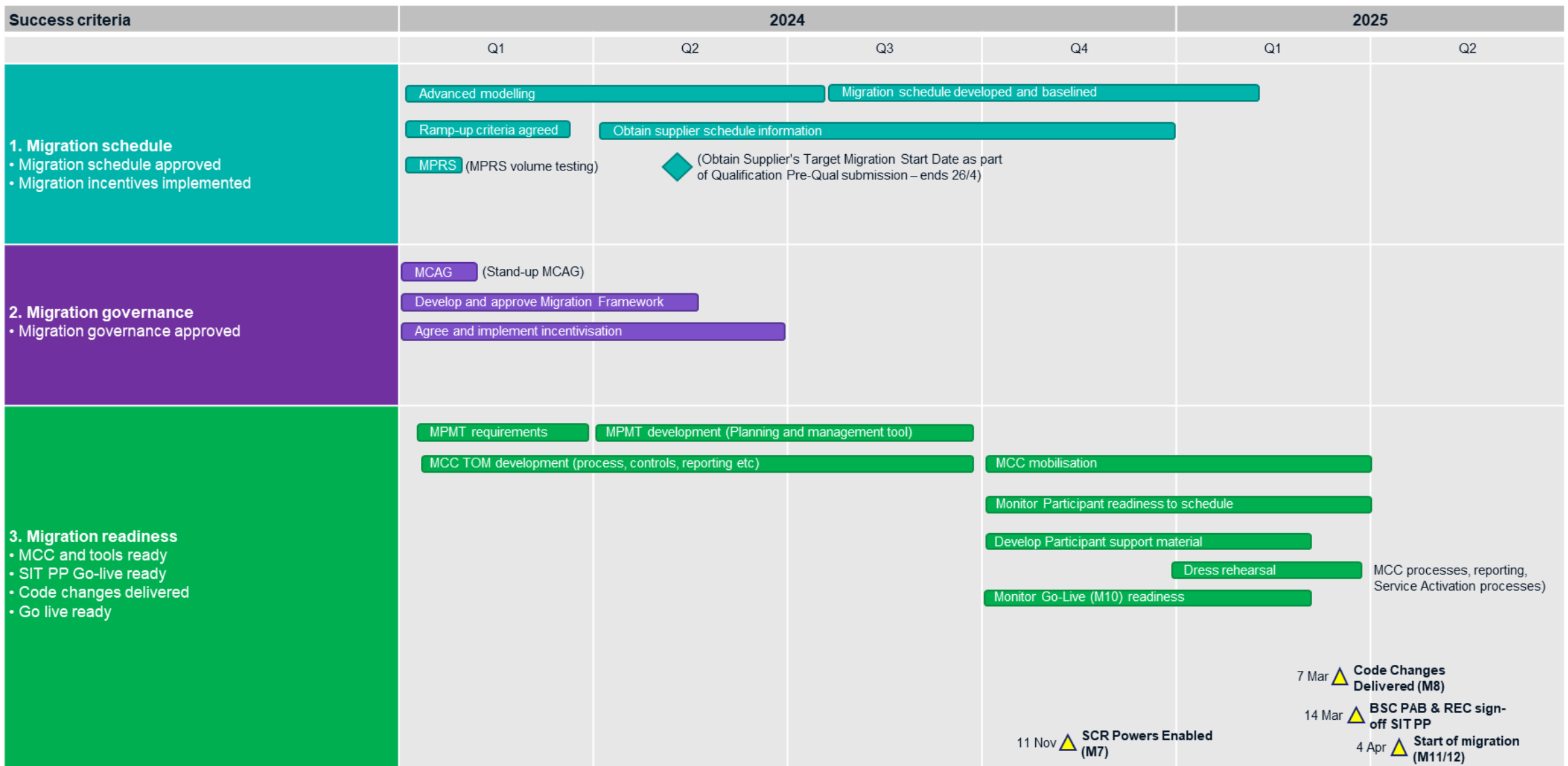
- Development of the MCC Framework in the MWG is progressing well
- The MWG has landed on a preferred approach for the allocation of migration capacity
- The consultation on the MCC framework will be segmented into two consultations, this is to enable the development of the MCC tooling to start after Consultation 1. A third consultation will be retained as a contingency
- It is noted that content previously consulted upon may be refined in subsequent consultations, and these amendments will be red-lined and consulted upon
- When all consultations have been concluded the Framework will be baselined by MCAG and will come under Change Control under the MCAG
- Indicative dates for the consultations have been provided below. The MWG are progressing to plan, but the dates are subject to change depending on progress in the coming weeks

Core dependencies

- Work continues to better understand and manage dependencies on Qualification, Service Activation (ISD release) and incentives to mitigate any potential delays to migration and achieving M15

Consultation	Areas covered	Consultation start	Consultation end	Issue comment responses and updated artefacts	Assurance meeting	Target MCAG approval
1	Principles, processes, controls, roles, responsibilities and decision-making authority required for: <ul style="list-style-type: none">• Developing and initialising the Migration Schedule• Maintaining the Migration Schedule	18 Mar 2024	5 Apr 2024 (13 working days excluding Easter Bank Holidays)	19 Apr 2024	25 Apr 2024	2 May 2024
2	Principles, processes, controls, roles, responsibilities and decision-making authority required for: <ul style="list-style-type: none">• Controlling and monitoring Migration Execution• Managing dynamic capacity allocation• Managing data analytics and reporting• Closing-down Migration	Q2 2024	TBC	TBC	TBC	TBC
3	Contingency	TBC	TBC	TBC	TBC	TBC

Migration Preparation PoaP



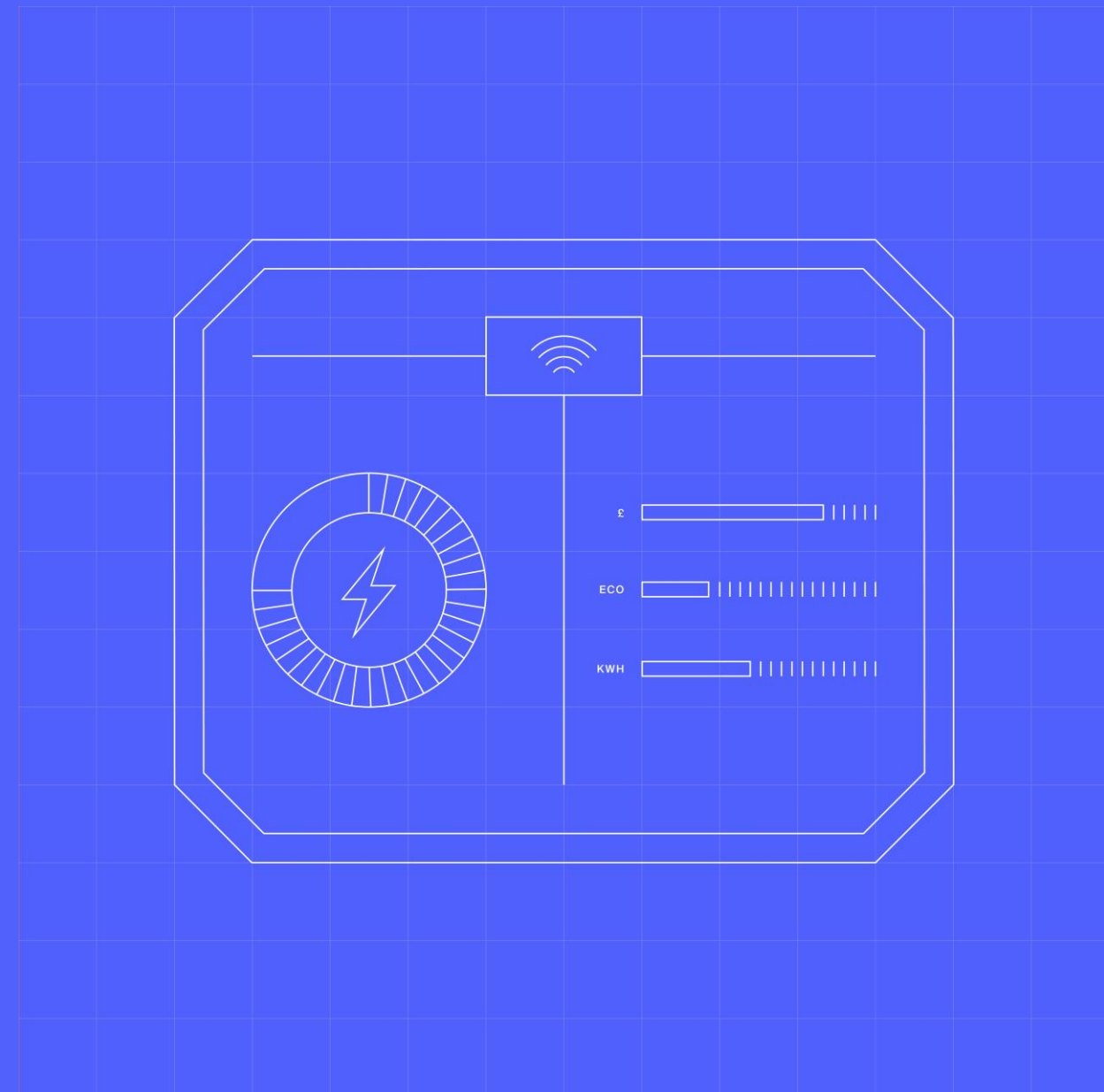
Programme Reporting

INFORMATION: Updates from the Programme on:

- Test progress
- SIT Functional Milestones, statuses & work-off plans
- SIT Functional commencement decision choreography
- SIT Functional commencement risks

Programme (Keith Clark & Adrian Page)

20 mins



CIT

- All PPs have completed CIT
- One query on CIT assurance being addressed
- Overall Programme Completion report issued to SITAG for approval 11-Mar

- DIP have delivered secondary routing for IR5.3
- Programme has witnessed secondary routing testing
- One blocking defect found, fixed and successfully re-witnessed
- Programme to perform confidence test ahead of SIT Functional start

SIT Functional

- Test execution commences: 11-Mar-24
- SIT Functional Testing Preparation Complete milestone approved, with a work off plan, at eSITAG on 01-Mar-24
- Test Scenarios and Test Cases – all approved, Theme 8 (Settlement) was approved at Feb SITAG.
- Test Ordering shared with cohorts. Each cohort starts in a different place providing the widest coverage of the solution
- Initial cohort briefings held with final sessions being held w/c 04-Mar-24 covering the DITL & ADO training
- Test Tool (ADO) – test scripts loaded, and cohort projects now being set up for ADO training
- PPs test artefacts - all A&Ps, RTTMs and test scenarios received and feedback provided
- SIT Functional PIT – CCPs and PPs completing PIT on IR5.3 ahead of SIT Functional start, with a few agreed exceptions
- Test data – data shared with PPs and being loaded, some queries being addressed including ISD data
- Environments – CCPs & PPs uplifting their environments to IR5.4, DTS gateway and CSS checks being performed, awaiting remaining self declaration completion
- Supporting processes updated from lessons learned on CIT and any different requirements for SIT Functional, being published 04-Mar: defect mgt, configuration mgt, release mgt
- MI reporting - formats designed and mock-ups being produced

Other SIT Stages

- Migration – on track: test scenarios & test cases being workshopped with industry ahead of SITAG approval Theme 1 – Mar 24, Themes 2 & 3 April 24.
- Non-Functional - Approach & Plans being issued for consultation 18-Mar-24
- Operational – Approach & Plans being issued for consultation 21-Mar-24

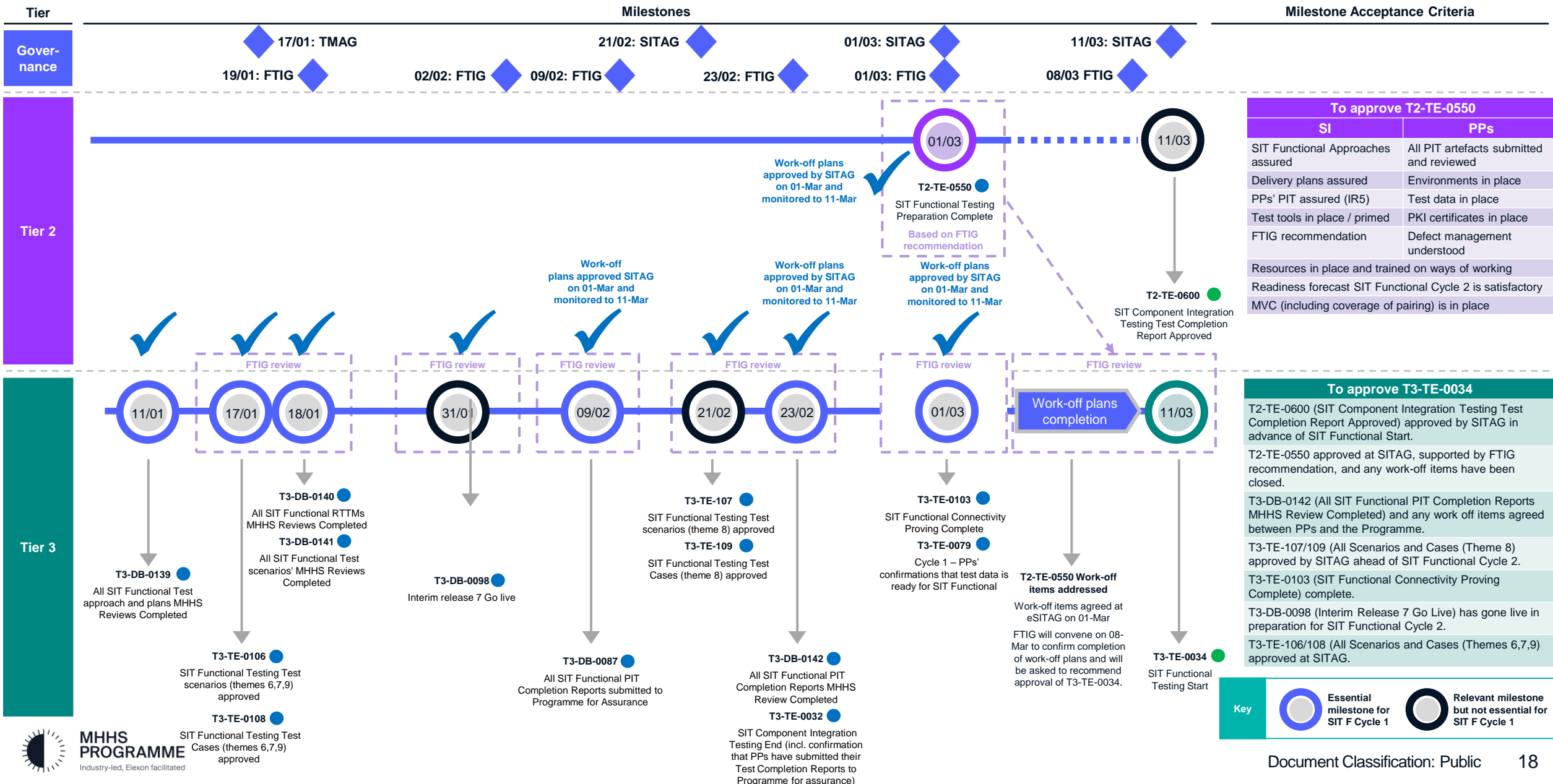
SITF Preparation: Milestones, statuses & work-off plans (as of 04-Mar-24)

Milestone ID	Milestone Title	Baseline Date	Forecast Date	Responsible	RAG	Commentary including any expected work-off
T3-DB-0089	SIT Functional PIT test scenarios submitted to Programme for assurance	Thu 07/12/23	Thu 07/12/23	PP		Complete (Approved 01-Mar SITAG).
T3-DB-0091	SIT Functional PIT RTTM submitted to Programme for assurance	Thu 07/12/23	Thu 07/12/23	PP		Complete (Approved 01-Mar SITAG).
T3-DB-0023	PP PIT Completion Report (excl. Migration/Reverse Migration) submitted to Programme for assurance CIT Interval 6	Fri 05/01/24	Fri 05/01/24	PP		Complete (Approved 01-Mar SITAG).
T3-DB-0180	All UMSO PIT (CIT interval 6) Completion Reports submitted to Programme for assurance	Fri 05/01/24	Fri 05/01/24	PP		Complete (Approved 01-Mar SITAG).
T3-DB-0141	All SIT Functional Test scenarios' MHHS Reviews Completed	Thu 18/01/24	Thu 18/01/24	SI Test		Complete (Approved 01-Mar SITAG).
T3-DB-0140	All SIT Functional RTTMs MHHS Reviews Completed	Thu 18/01/24	Thu 18/01/24	SI Test		Complete (Approved 01-Mar SITAG).
T3-DB-0181	All UMSO PIT (CIT interval 6) Completion Reports MHHS Review Completed	Fri 19/01/24	Fri 19/01/24	SI Test		Complete (Approved 01-Mar SITAG).
T3-DB-0087	All SIT Functional PIT Completion Reports submitted to Programme for Assurance	Fri 09/02/24	Fri 09/02/24	PP		Approved 01-Mar eSITAG subject to work-off plans. 28 of 36 reports received. 5 remaining reports promised by or before 08-Mar, and 3 will be provided later than 11-Mar by agreement with the programme. See also T3-DB-0142.
T3-DB-0179	All UMSO Test scenarios' MHHS Review Completed	Thu 30/11/23	Thu 20/02/24	SI Test		Complete (Approved 01-Mar SITAG).
T3-DB-0139	All SIT Functional Test approach and plans MHHS Reviews Completed	Thu 11/01/24	Wed 21/02/24	SI Test		Approved at SITAG on 21-Feb-24.

SITF Preparation: Milestones, statuses & work-off plans (as of 04-Mar-24)

Milestone ID	Milestone Title	Baseline Date	Forecast Date	Responsible	RAG	Commentary including any expected work-off
T3-TE-0107	SIT Functional Testing Test scenarios (theme 8) approved	Wed 21/02/24	Wed 21/02/24	SI Test		Approved at SITAG 21-Feb-24.
T3-TE-0109	SIT Functional Testing Test cases (theme 8) approved	Wed 21/02/24	Wed 21/02/24	SI Test		Approved at SITAG 21-Feb-24.
T3-TE-0032	SIT Component Integration Testing End (including confirmation that PPs have submitted their Test Completion Reports to Programme for assurance)	Fri 23/02/24	Fri 23/02/24	SI Test		Complete (<i>Approved 01-Mar SITAG</i>).
T3-DB-0142	All SIT Functional PIT Completion Reports MHHS Review Completed	Fri 23/02/24	Fri 23/02/24	SI Test		<i>Approved 01-Mar eSITAG subject to work-off plans.</i> Reviews ongoing 16 assured and 12 awaiting further updates, feedback being provided. Completion dictated by provision of remaining reports. See T3-DB-0087.
T3-TE-0103	SIT Functional Connectivity Proving Complete	Fri 01/03/24	Fri 01/03/24	SI Test		<i>Approved 01-Mar eSITAG subject to work-off plans.</i> Remains in progress, the programme is following up on those outstanding – completion expected for PP's SIT Functional start.
T3-TE-0079	Cycle 1 – PPs' confirmation that test data is ready for SIT Functional	Fri 01/03/24	Fri 01/03/24	SI Test Data		<i>Approved 01-Mar eSITAG subject to work-off plans.</i> Remains in progress, the programme is following up on those outstanding – completion expected for PP's SIT Functional start.
T2-TE-0550	SIT Functional Testing Preparation Complete	Fri 01/03/24	Fri 01/03/24	SI Test		<i>Approved 01-Mar eSITAG subject to work-off plans.</i> Approved based on SIT Functional Readiness report (draft) published on 23-Feb-24 and updated version published on 29-Feb-24, and subject to work-off plans to be progressed ahead of SIT start.
T2-TE-0600	SIT Component Integration Testing Test Completion Report Approved	Fri 08/03/24	Mon 11/03/24	SI Test		<i>For approval at eSITAG on 11-Mar.</i> Included in SITAG papers (published 23-Feb-24).
T3-TE-0034	SIT Functional Testing Start	Mon 11/03/24	Mon 11/03/24	SI Test		<i>For approval at eSITAG on 11-Mar.</i> FTIG to be asked to recommend SITAG approval on 11-Mar, dependent on previous T2-TE-0550 approval, satisfactory progression of any related work-off plans and the expected lack of any material blockers.

Overview of SIT Functional Decision Choreography and Recommended Decision-Making Progression



Risk theme 1: Commencing SIT as planned

RAID (1 of 4)
Updated to 28/02/2024

Theme	Summary	Mitigation Approach Overview	RAG Status	
Commencing and completing SIT as planned	SIT success is reliant on (1) Core Capability Providers being ready and (2) sufficient volunteers being available to sustain a minimum viable cohort (MVC) through SIT – whilst aiming to de-risk migration start and maximise early migration volumes.	<ul style="list-style-type: none"> Continuous monitoring of the MVC (through SIT CIT) to ensure that the MVC remains viable Construction of pairing relationships via go-live cohorts, to enable better programme decisions based on risk Ongoing liaison with Code Bodies on Qualification requirements that might drive SIT requirements (e.g. assurance activities that might be required to mitigate any risks from differences between SIT and production environments). The Programme is maintaining the assumption that no additional Qualification Testing execution will be required for SIT participants. 	Previous RAG	(35 Risks)
			Current RAG	(39 Risks)

		Key Risks																											
Risk ID	Risk Description	Risk Score Assessment															Current score movement since last PSG	Mitigation Plan											
		Critical					High					Medium							Low										
		30	29	28	27	26	25	24	23	22	21	20	19	18	17	16			15	14	13	12	11	10	9	8	7	6	5
R808	There is a risk regarding LDP readiness for M09+5 (test scenarios, test schedule, ADO, DTIL)																New item	<ol style="list-style-type: none"> Detailed SI plan in place for SIT F preparatory activities and reviewed with SRO LDP proactively managing plan and monitoring SI team execution against the plan 											
R669	There is a risk that all SIT parties may not be ready for SIT Functional by 11-March, even if they enter and execute CIT successfully and on schedule.																Score has decreased from 13 to 10	<ol style="list-style-type: none"> MHHS to continue to monitor and chase CCPs & PPs for remaining (late) documents (significant progress has been made in the last week). Alternative CIT approach (to accommodate secondary routing) has mitigated any impact on timelines. SIT Parties' pairings now validated; MVC 'go live cohorts' are now baselined and locked. Testing schedule will aim to accommodate a 'soft start', reducing sensitivity to the need for every MVC party to be ready on Day 1. Consistently monitoring cohorts' performance and how they are entering SIT F at FTIG. 											
R758	There is a risk that SIT Functional testing may not commence as scheduled due to programme readiness.																Score has decreased from 12 to 10	<ol style="list-style-type: none"> Risk-managed approach to support and track activities most relevant to the preparation of the core go-live cohorts (the MVC). Programme will review readiness towards SIT Functional, through PPs' SIT CIT and Secondary Routing Test execution progress to ensure any risks are identified, mitigated and shared with FTIG. SIT Functional testing can start provided that the MVC is materially in place. 'Soft start' is being considered as Cycle 1 test allocations and test ordering are defined and communicated. 											

A new RAID item can be raised using the [RAID Log Input Form](#) You can view RAID items across the programme using [dPMO Tool](#)

Key	
	Initial Score
	Current Score
	Target Score

Risk theme 2: Risks to SIT Execution

Theme	Summary	Mitigation Approach Overview	RAG Status	
Risks to SIT Execution	The theme explores the factors which may affect the Programme being able to complete SIT within the planned duration	<ul style="list-style-type: none"> Continuous monitoring of the MVC (through SIT CIT) to ensure that the MVC remains viable Maintenance of pairing relationships via go-live cohorts, to enable better programme decisions based on risk/rarity on ways of working that enable SIT parties to work effectively, transparent and fairly with the programme to complete SIT in an optimum way 	Previous RAG	New slide
			Current RAG	(16 risks)

		Key Risks																Current score movement since last PSG	Mitigation Plan														
Risk ID	Risk Description	Risk Score Assessment																															
		Critical				High				Medium				Low																			
		30	29	28	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1		
R802	There is a risk that SIT F Cycle 1 Testing may not be completed on time																															New item	<ol style="list-style-type: none"> MHHSP to provide a clear velocity and trajectory to reach clear outcomes for completing SIT F Cycle 1. CIT Lessons learned session to be conducted, applying any relevant findings to the management arrangements for SIT F Cycle 1.
R803	There is a risk that triage / defect management is not effective in equitably addressing priorities and ensuring optimum execution progress																															New item	<ol style="list-style-type: none"> MHHSP to outline ways of working to manage SIT F execution, including principles for intra-cohort and cross-cohort arbitration / decision-making, clarity on programme / cohort roles / responsibilities and on processes for defect fixes, releases and management of outages. Encourage ownership of testing success within each cohort, to supplement and enhance the programme team's overall co-ordination of testing activities. Seek to manage MVC progress (prove the E2E design) vs. cohort progress (risks to migration).
R804	There is a risk that there could be different interpretations of the Design																															New item	<ol style="list-style-type: none"> Triage will seek to identify any potential 'misinterpretations' in designs and the design and test teams will work collaboratively to identify the best plan to resolve. Test expert role will manage two cohorts each to undertake defect management for PPs.
R806	There is a risk that we may need further test data during SIT																															New item	<ol style="list-style-type: none"> Currently there are 5M MPANs available and PPs have used less than 20k to date.

A new RAID item can be raised using the [RAID Log Input Form](#) You can view RAID items across the programme using [dPMO Tool](#)

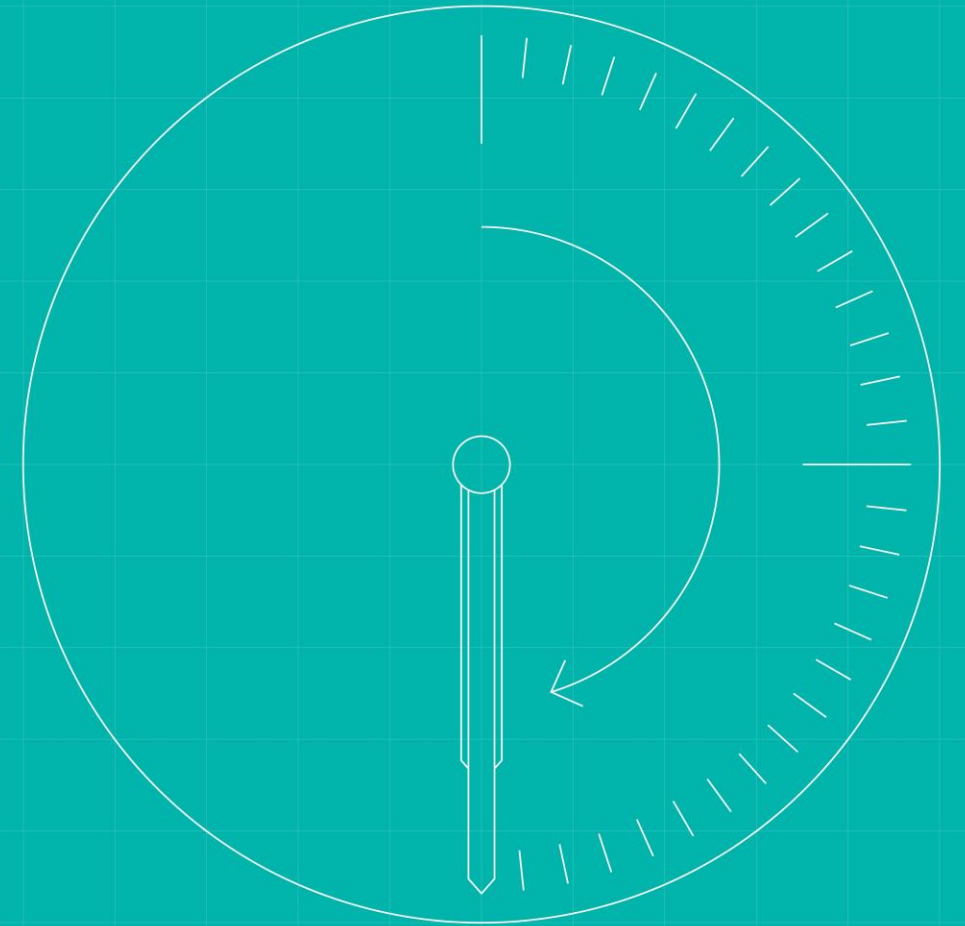
Key	
I	Initial Score
C	Current Score
T	Target Score

CR036 Appeal Update

INFORMATION: Updates from the IPA on CR036 appeal

IPA (Richard Shilton)

10 mins



Key updates:

- As communicated at February PSG, the IPA received a decision appeal from a constituent group over **CR036 - Use of Clock Midnight for Appointments and Reads** on 23 January 2024.
- The **IPA has completed its review of the decision appeal** and the outcome was shared with industry via the MHHSP PMO on 23 February 2023.
- In reviewing this appeal, the IPA review activities included:
 - Examining papers, minutes and recordings of DAG and DRG meetings
 - A number of meetings with stakeholders from the Programme and the Participant constituency group
 - Taking into account wider industry views shared during the original CR036 review and approval process.
- Following completion of the CR036 appeal review, the **IPA has initiated a lessons learned review of the appeal process**. Additions and clarifications identified will be shared at the PSG on 3 April 2024.

**The overall outcomes of the IPA review were:**

- Whilst valid risks/concerns were raised, we have not seen evidence to indicate that the potential impact of these risks/concerns outweighs the impact of the potential delay to the Programme and delivery of consumer benefits if CR036 were to be rejected.
- We consider that the final solution published in IR7 on 31 January 2024 should remain but actions are required to assess whether there are any unintended consequences of the final solution.
- There are key lessons learned and improvements that should be made to the end-to-end change process to enable it to operate more effectively in the future.



Key observations relevant to the IPA's recommendations

The key concerns raised by the participant constituent group included:

- The potential impact on reconciliation between settlement and billing at the point in time where a customer changes supplier during British Summer Time.
- Concerns over how governance and decision making operated throughout CR036 journey

During our review, it was noted that due to the **wider inconsistent approach to date/time conventions across energy infrastructure/service providers** (eg., Central Switching Service (CSS) uses clock time, Smart Meters use UTC), any solution implemented for MHHS would likely be the “least worst option”, as it needs to work within these constraints. Addressing this wider issue is outside of the scope of MHHS.

The key IPA recommendations were as follows:

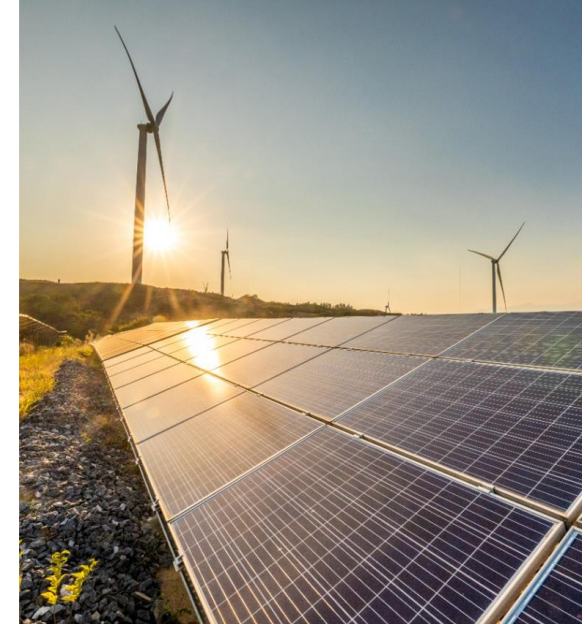
1. The final CR036 solution, as published on 31 January 2024, should be retained. This solution should be simply and clearly articulated by the programme at a summary level to enable alignment in understanding across industry
Target Date: 23 February 2024
2. The Programme should facilitate a session with the constituent group to walkthrough the final solution and answer any remaining clarifications and concerns in relation to implementing the change within the MHHS scope
Target Date: 1 March 2024
3. Document and identify the owner to assess the need for a future piece of work for industry to address the wider issue with inconsistency between clock time and UTC and pass this to the relevant industry governance body
Target Date: 31 March 2024
4. Consumer impacts that may be introduced following transition to MHHS as a result of the wider inconsistency between clock time and UTC should be shared with Ofgem to enable them to be recorded and agreed
Target Date: 31 May 2024
5. Programme to implement the lessons learned and improvement points identified over the end-to-end change process (see next page)
Target Date: 6 March 2024



Key improvement/lessons learned in relation to the end-to-end change process

- The process to identify, analyse and assess solution options prior to selecting a recommended option to put forward as a CR should be formalised and form part of the end-to-end change process.
- When a CR is raised, it should include both the proposed solution and implementation plan and both of these should be the subject of the impact assessment.
- Approvals should be made once stability has been reached in the proposed solution.
- The rationale for a decision needs to be captured in a formalised structure, which sets out the key reasons supporting the decision made, the pros and cons of the solution and benefits and risks.
- More complex changes should be supported by a document that clearly and simply sets out the overall proposed solution to enable easy and consistent understanding.
- An impact assessment scoring framework should be developed and included in CR forms to enable better quantification of costs / consumer impacts / benefits / plan within Impact Assessments,

These improvements/lessons learned have been shared and discussed with the Programme and actions are underway to address them.

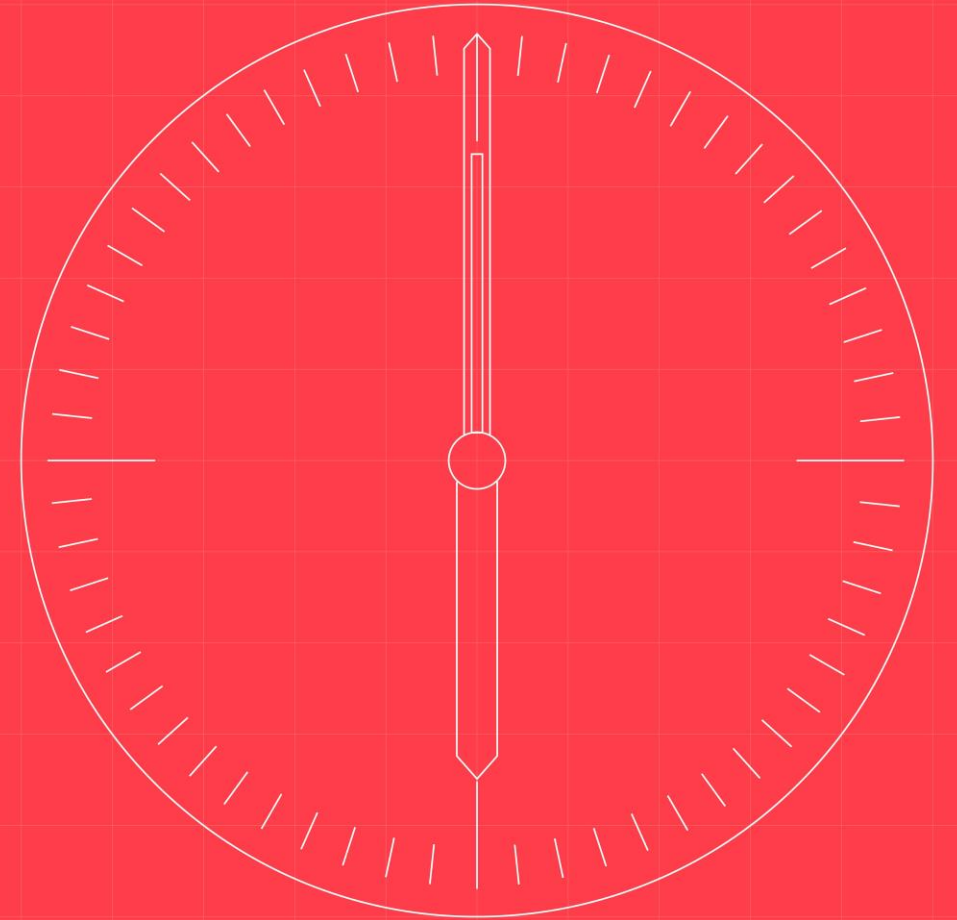


Change Control

DECISION: Overview of improvements to the MHHS Change Control Approach, incl. CR036 Appeal

Programme (Lewis Hall & Immy Syms)

10 mins



IPA Recommendations

Following the Large Supplier appeal of CR036, the IPA published a series of recommended amendments to the Change Control Approach. These recommendations, and programme response, are captured in the table below.

#	IPA Recommendation	Programme Response	Status
1	The process to identify, analyse and assess solution options prior to selecting a recommended option to put forward as a Change Request should be formalised and form part of the end-to-end change process.	This already exists in the form of the DIN and PPIR processes; however, the Programme recognises that these processes need to feed directly into the Change Control process and be made more design and solution specific. The PMO review and update these processes and ensure alignment between the two.	In Progress
2	When a Change Request is raised, it should include both the proposed solution and implementation plan and both of these should be the subject of the impact assessment.	The inclusion of propose implementation dates are in proposed Change Request form amendments to be published after this meeting. Implementation dates are already requested by the Change Board through their validation.	Complete
3	Approvals should be made once stability has been reached in the proposed solution. Red-lining to design artefacts should not be subject to further changes after approval decision is made.	The Programme agrees with this comment. This will be incorporated into the process where required.	In Progress
4	The rationale for a decision needs to be captured in a formalised structure, which sets out the key reasons supporting the decision made, the pros and cons of the solution and benefits and risks.	Decision making is captured through a combination of the Impact Assessment report and recommendations, and the Headline Report of the relevant Advisory Group. The Programme will ensure that quality of Headline Reports is maintained.	Complete
5	During our review, we found it difficult to build a clear picture of the proposed solution and decisions made around it. This was spread across various documents, minutes and meeting recordings. More complex changes should be supported by a document that clearly and simply sets out the overall proposed solution to enable easy and consistent understanding.	A summary of the origins of a Change Request should be provided to the PMO when a change is raised. This is should be included within the background section of the Change Form. PMO will ensure greater enforcement of this.	Complete
6	To enable better quantification of costs / consumer impacts / benefits / plan within Impact Assessments, an impact assessment scoring framework should be developed and included in Change Request forms. This should be based on defined ratings and definitions.	The Programme agrees with this comment. A sliding scale scoring framework will be implemented as part of the proposed updates to the process.	In Progress

Background and Context

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

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

Proposed amendments

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

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

Benefits

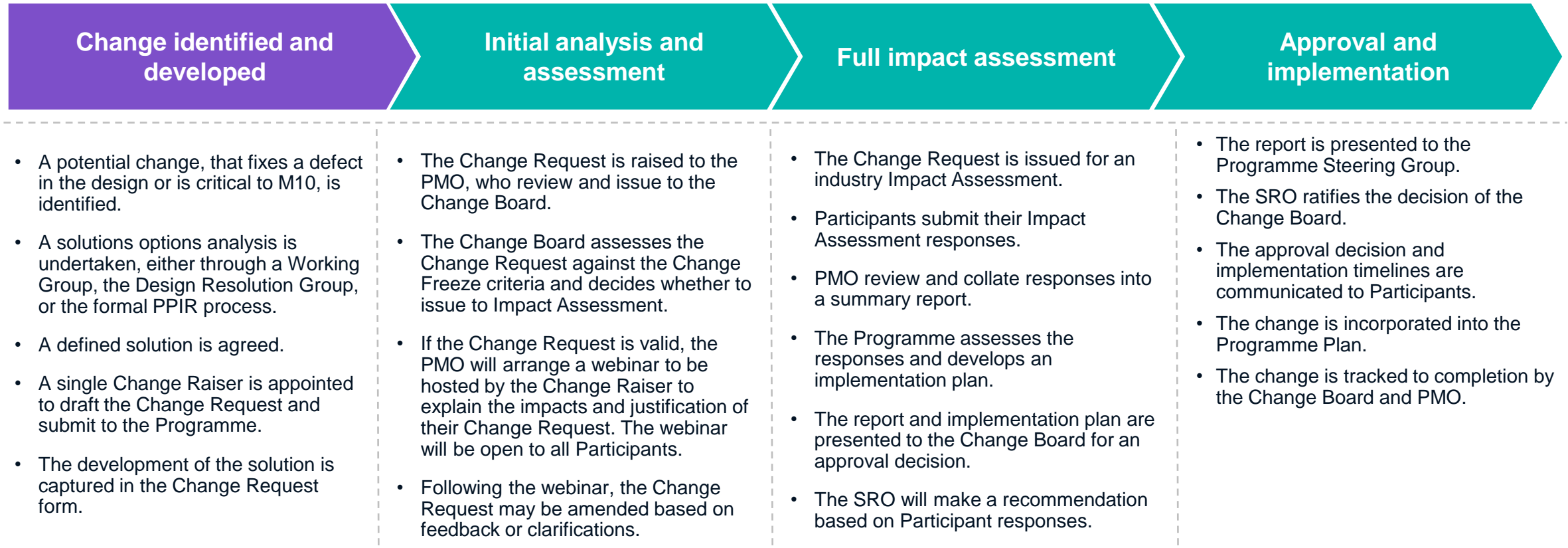
The updated process:

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

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

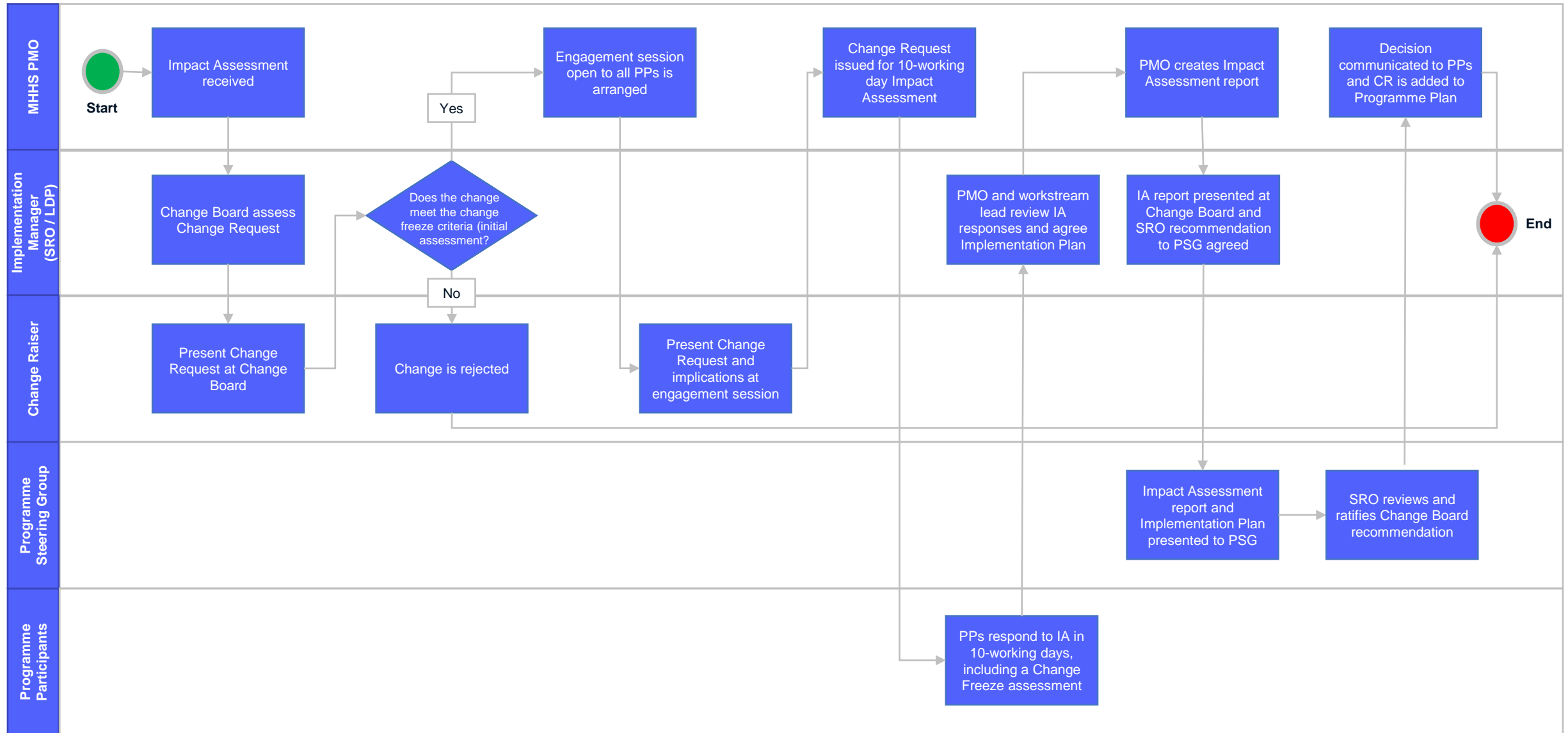
The new process is outlined on the following slides.

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



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

Proposed Change Control process

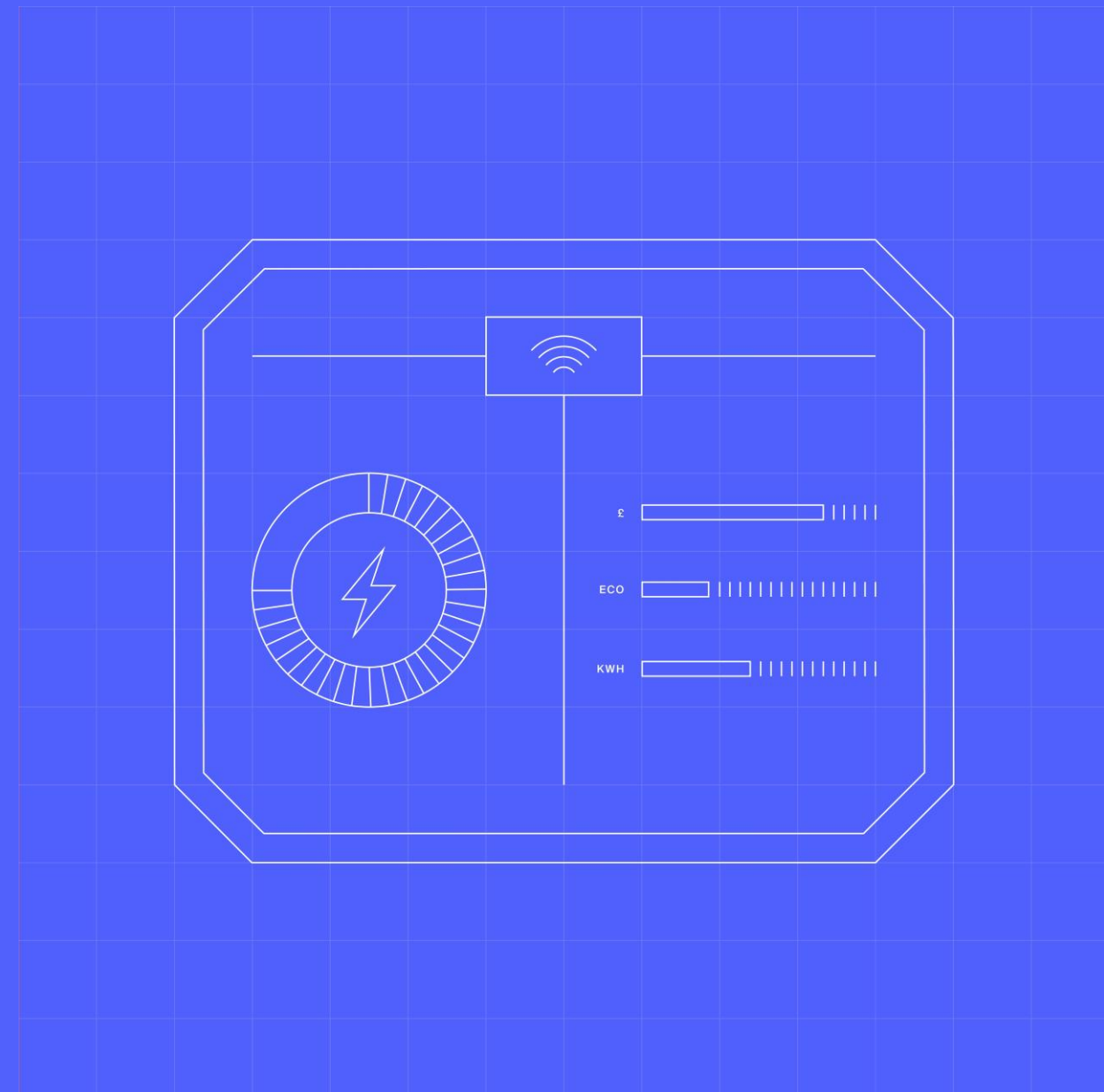


Delivery Dashboards

INFORMATION: Questions from PSG members on delivery dashboard content

Chair

25 mins



Delivery Dashboards Overview

Area	Title	Purpose
MHHS Programme Status	Risk Themes	Provide a high-level view of Programme Risks
	Change Control	Update on the status of Change Requests
Industry Delivery Status	SIT MVC Status	Provide the status of SIT participants
	SIT Stage Statuses	Provide status of SIT stages
	Core Capability Provider Delivery Reports	Provide an overview of Helix, DIP, St Clements, RECCo, DCC and ElectraLink delivery plans and progress against them
	LDSO Delivery Updates	Provide the combined status and progress of LDSO delivery (DNOs and iDNOs)
	Central Party Finances	Provide high level Central Party budgets and expenditure
MHHS Workstream Activity	SI Workstream Update	Update on activity and progress in the Design Management, Testing and Transition workstreams
	Fast Track Implementation Group (FTIG) Update	Update on the progress of FTIG
	Code Drafting Status	Update on the progress of Code Drafting against the Code Draft plan
	Level 3 Advisory Group Updates	Update on key discussion items and outcomes from recent Level 3 Advisory Groups and provide a forward look of agenda items
	PPC Activity	Provide information on PPC activity and participant engagement – includes a summary from the recent open day
Assurance	Industry Change	Summarise items raised to the Programme horizon scanning process
	Independent Programme Assurance (IPA)	Provide a progress update on in-flight and planned assurance activities

Risk theme 3: Risks to Qualification success

RAID (3 of 4)
Updated to 28/02/2024

Theme	Summary	Mitigation Approach Overview	RAG Status	
Risks to Qualification Success	Code Bodies are accountable for Qualification for all relevant PPs. Industry participants have raised a risk that there has been a lack of clarity on the approach and plan to deliver Qualification for non-SIT LDSOs, Suppliers and Agents.	<ul style="list-style-type: none"> Housekeeping CR due to be issued with updated qualification milestones. This includes some additional milestones to support participant planning. Ongoing collaboration between MHSP and Code Bodies and industry to develop Qualification material through QWG Qualification Approach and Plan, Qualification Assessment document (QAD), LDSO qualification testing approach expected to be approved at March's QAG/PABs. Supplier & Agent test approach due to be issued for consultation in March. 	Previous RAG	Amber (14 risks)
			Current RAG	Amber (16 risks)

Key Risks																																	
Risk/Issue ID	Risk Description	Risk Score Assessment																													Current score movement since last PSG	Mitigation Plan	
		Critical					High					Medium					Low																
		30	29	28	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2			1
R653	Programme cannot mobilise test environments and test harnesses in time to support non-SIT LDSO Qualification Testing																															Score remains at 16	1. Engagement with Programme Sims & Ems team to prepare for IA v. requirements 2. Discussions to be had with other impacted parties for environments (e.g. DIP, Helix)
R276	There is risk of Elexon BSC, RECCo or SECAS of having limited capacity to manage the volume of Participants going through Qualification testing at any one time																															New item	1. Code Bodies looking at approach and resource to accommodate it 2. Code Bodies are asking PPs to submit a pre qualification submission which will be used to allocate waves so that the Code Bodies have a view through Qualification and can adjust resourcing levels as needed to support this. 3. Code Bodies should consider ramping up resourcing levels if Migration may be compromised by Suppliers moving back in waves.
R332	Suppliers may require maximum amount of time to complete their DBT, resulting in backlog in final waves of Qualification																															Score remains at 15	1. Ongoing tracking of suppliers' delivery plans and progress through bilaterals 2. Qualification waves and associated processes presented by Code Bodies to QWG 27/11/23. There is increased flexibility built into wave approach.
R767	There is a risk that the Code Bodies or Programme cannot mobilise test environments and test harnesses in time to support Supplier & Agent, Mems and New Entrant DNO's Qualification Testing																															New item	1. S&A test approach including test harnesses and test data being discussed at combined EWG/QWG on 5 March.
R695	Code Bodies will not be ready to complete Supplier and Agent Qualification in time for waves (time)																															Score increased from 12 to 19	1. Code Bodies have presented supporting plan and updated QA&P and lower-level approach are being developed 2. S+A high level plan to be reviewed and a further detailed plan to follow (by 28-Feb). QA&P released on 31-Jan. Housekeeping CR due to be issued with updated qualification milestones. This includes some additional milestones to support participant planning. 3. Programme monitoring of Code Body delivery starting, including Code Bodies' fortnightly delivery reporting vs. their plans

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

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

Key	
I	Initial Score
C	Current Score
T	Target Score

Risk Theme 4: Commencing and completing Migration successfully

RAID (4 of 4)
Updated to 28/02/2024

Theme	Summary	Mitigation Approach Overview	RAG Status	
Commencing and completing Migration successfully	The theme explores the factors which may affect the Programme meeting M10 / M11 and completing Migration and how the Programme is planning to mitigate these to stop these risks from converting into issues	<ul style="list-style-type: none"> Some of the existing risk factors around M10 / M11 will be mitigated by the findings throughout SIT Testing, which will evaluate assumptions, highlight to the Programme the areas which require attention and allow the Programme enough time to make the changes necessary for M10 / M11 success The Migration Design, the Migration Cutover & Data Strategy, the Data Cleanse Plan, the Migration Thresholds Document and ongoing Code Drafting will provide Participants necessary materials to prepare for M10 / M11 	Previous RAG	Yellow (31 Items)
			Current RAG	Yellow (36 Items)

			Key Risks																												
Risk ID	Risk Description	Risk Score Assessment																	Current score movement since last PSG	Mitigation Plan											
		Critical					High					Medium					Low														
		30	29	28	27	26	25	24	23	22	21	20	19	18	17	16	15	14			13	12	11	10	9	8	7	6	5	4	3
R663	There is a risk that those large Supplier Agents, who support multiple large Suppliers, will not be able to support planned migration volumes due to operational or technical constraints																													No change	<ol style="list-style-type: none"> Large Agents have invested in infrastructure (e.g. IT hardware and operating systems) capable of supporting NFR volumes. Large Agents have operational plans and resources in place to manage migration volumes. Suppliers have commercial contingencies in place to manage performance issues of Large Agents (SRO activity once validating supplier plans)
R536	There is a risk that the SCR on charging methodology does not provide sufficient time for MHHS to prepare for M11																													No change	<ol style="list-style-type: none"> Work closely with ESO to resolve the issue and consider making changes to the CUSC to ensure that an appropriate charging methodology is in place for migration CR0032 DAG approved for implementation in IR7 incl. pseudo Measurement Class mapping Continue to work with ESO and Ofgem Network Charging Lead to ensure any workaround is reflected in Transmission Charging Charging Methodology is out of scope of the programme and Ofgem is progressing this separately with ESO. We are engaged in this process.
R560	There is a risk that a small number of data services will be contracted to most SIT suppliers, limiting ability of that service to deliver Migration volumes to forecasted plan																													No change	<ol style="list-style-type: none"> Non-functional requirement testing to be considered for data services (volume testing) Suppliers contract with other data services if there are any issues highlighted by data services themselves, or by NFR testing (Mitigation1)
R753	There is a risk that if the MHHS Service Design and build phases are not completed by Elexon at pace, the required service management processes will not be ready to test within the SIT Operational testing phase in October 2024.																													New item	<ol style="list-style-type: none"> Elexon's Helix programme have mobilised a team and commenced work of the detailed Service Design Governance route for industry approval of detailed Service Design needs to be agreed between MHHS and Elexon
R677	There is a risk that performance testing of the Migration functionality within MPRS identifies an issue that cannot be resolved in time for SIT and non-SIT LDSO Non-Functional Testing																													No change	<ol style="list-style-type: none"> SCS planning to undertake testing in/by 16 Feb 2024 to confirm that MPRS can comply with the planned Migration volumes allocated to DNOs Relaxation of the 60-minute SLA for LDSOs to process all migration messages during the migration period was approved 20-Nov-23 TMAG with the approval of the Migration Thresholds Document.

A new RAID item can be raised using the [RAID Log Input Form](#) You can view RAID items across the programme using [dPMO Tool](#)

Key	
I	Initial Score
C	Current Score
T	Target Score

Change Request Status

Change Control
Updated to 27/02/2024

Ref.	Key Detail	Change Raiser(s)	Change Type	Latest Action	Approval Status	Current Stage in Change Control	Action <i>If approved</i>	Implementation date/milestone	Change Owner(s) <i>If approved</i>
CR037	Migration Message Processing Choreography Update	Sean Tuffy, MHHS Programme	Full Impact Assessment	Approved by TMAG (17-Jan-24)	Approved	Complete			John Wiggins, MHHS Programme
CR038	Amendments to the MHHS Change Board Terms of Reference	Immy Syms, MHHS Programme	Housekeeping	Approved by Change Board (19-Dec-23)	Approved	Complete			Lewis Hall, MHHS Programme
CR039	Registration Service IF-40 Change	Daniel Tadecicco, St Clements Services	Full Impact Assessment	Approved by DAG (14-Feb-24)	Approved	Implementation	Publish in IR8	Apr-24	Paul Pettitt, MHHS Programme
CR040	Change to NFR E2E1009 for DNO and iDNO roles	David Yeoman, UKPN	Full Impact Assessment	Approved by DAG (14-Feb-24)	Approved	Implementation	Publish in IR8	Apr-24	Paul Pettitt, MHHS Programme
CR041	Change the format of Market Participant Code from Char(1) to Char(2)	Colin Berry, Elexon	Full Impact Assessment	Rejected by DAG (14-Feb-24)	Rejected	N/A			Paul Pettitt, MHHS Programme
CR042	Amending the 'M16 Methodology Approved' Milestone	Matthew Breen, MHHS Programme	Housekeeping	Approved by PSG (07-Feb-24)	Approved	Complete			Matthew Breen, MHHS Programme
CR043	Supplier Registration of ABMU and MPAN Mapping	Mike Ceney, Elexon	Full Impact Assessment	Issued for Impact Assessment (response deadline 29-Feb-24)	Open	Impact Assessment			
CR044	Implementation of 'Data Refresh' Message IF-051	Sean Cooper, MHHS Programme		Change Board to validate (27-Feb-24)	Open	Awaiting Change Board validation			
CR045	Supply Start Date (SSD) Correction Tool	Sean Cooper, MHHS Programme on behalf of SCS		Change Board to validate (27-Feb-24)	Open	Awaiting Change Board validation			
CR046	Enabling Metering Point Energy Flow to be changed more than once	Harriet Truss, RECCo		Change Board to validate (27-Feb-24)	Open	Awaiting Change Board validation			

This slide captures Change Requests raised in the last three months. A full record of all MHHS Change Requests can be found on the [Change Control page of the Collaboration Base](#)

SIT Stage Statuses (as of 28-Feb-24)

SIT Stage Readiness Key – Outlook to reach and progress through each Stage

On track per programme plan

Expected to meet programme plan if risk mitigation is successful

Unlikely to comply with programme plan

Test Stage	RAG	Comment
CIT	On track	<p>CCPs and PPs</p> <ul style="list-style-type: none"> • Test execution commenced: 31-Oct-23 • Test execution finished: 21-Feb-24 <p>Secondary Routing</p> <ul style="list-style-type: none"> • Secondary Routing testing successfully performed
Functional	On track	<p>Test execution commences: 11-Mar-24</p> <p>Test Approach (plus associated Test Data) Approach and Plans: Approved @TMAG 16-Aug</p> <p>Test Scenarios and Test Cases – All themes 1-9 approved</p> <p>PPs sending in test artefacts - all A&P, RTTMs and test scenarios received, and feedback provided</p> <p>SIT F PIT – was due to be completed by CCPs and PPs on IR5.3 for 09-Feb-24, some are overrunning</p> <p>Test data – data prepare on track</p> <p>Environments – uplift to SITA to IR5.4 from 01-Mar-24 ready for SIT Functional</p> <p>Supporting processes being updated from lessons learned on CIT and different requirements for SIT F (e.g. ADO set up, DITL)</p>
Migration	On track	<p>Test execution commences: 10-Jun-24</p> <p>Test Approach (plus associated Test Data) Approach and Plans: Approved Dec TMAG</p> <p>Test Scenarios & Test Cases: Delivery plans shared Industry, forecast approval Theme 1 – Mar 24 Themes 2&3 April 24.</p> <p>Note – Migration Design complete and follows existing Business Processes with relevant deviations to enact migration. Migration Testing will therefore follow SIT Functional Testing with relevant deviations</p>
Non-Functional	Expected	<p>Test execution commences: 02-Sep-24</p> <p>Test Approach (plus associated Test Data) Approach and Plans: Planned – Industry Consultation revised to 18-Mar, SITAG Approval revised to 15-May</p> <p>Test Scenarios & Test Cases: Delivery plans to be shared and agreed, forecast approval Jul 24</p> <p>Note – Non-Functional Requirements allocation across PIT and SIT to be socialized in September NFTWG.</p>
Operational	On track	<p>Test execution commences: 07-Oct-24</p> <p>Test Approach (plus associated Test Data) Approach and Plans: Planned – Industry Consultation 21-Mar, SITAG Approval 15-May</p> <p>Test Scenarios & Test Cases: Delivery plans to be shared and agreed, forecast approval July 24</p>

SIT – MVC Status (as of 28-Feb-24)

CCP Readiness Key

Ready

Expected to be ready

Expected to be ready if risk mitigation is successful

Unlikely to be ready

Core Capability Providers (CCPs)	CIT Commentary	SIT F Start Status	Comment
Elexon (Helix)	CIT commenced 01-Nov IFs and PUBs being successfully sent and received with DIP All Tests Progressed, nearing completion, final 2 defects left to resolve		Helix currently in PIT for IR5.2 and on track for SIT F start on 11 Mar.
DIP	IR2.1 PIT – completed with excellent stats. Final review of Test Completion and Work-Off Plan in progress Supporting CIT Interval 1,2 and 3 testing Supporting DIP Onboarding for all remaining PPs		DIP testing on IR5.3 has completed and test completion report submitted. Small number (<10) of minor defects to be addressed. Uplift to IR5.4 w.c. 04-Mar Programme witnessing DIP PIT testing complete
St Clements	Expect to be able to start Interval 6 on 29-Jan-24 as planned (smoke testing already complete as part of Interval 2) (Reduced) CIT test scope expected to be achievable in the time allocated – subject to any defects to be resolved		Programme has provided augmented data. Data load can't be effected until CIT execution is complete (environment constraints) but there is expected to be adequate time to do this
RECCo	No expected CIT challenges (EES)		On track
DCC	No DCC participation in CIT.		MDR, CSS changes and capacity upgrades on track. 3 MDRs completed UEPT, other SIT PPs in progress. SIT F Readiness, including data load, on track
ElectraLink	No ElectraLink participation in CIT.		On track
LDP (SI)	All intervals able to start following final data loads, test scripts loading into ADO and ADO training Secondary Routing – CIT Scope reduction communicated to PPs. Additional Secondary Routing testing being planned		On track Supporting processes (inc loading scripts into ADO, DITL) to complete MI reporting to complete Confidence tests (inc secondary routing) to be performed by 01-Mar prior to SIT Func start

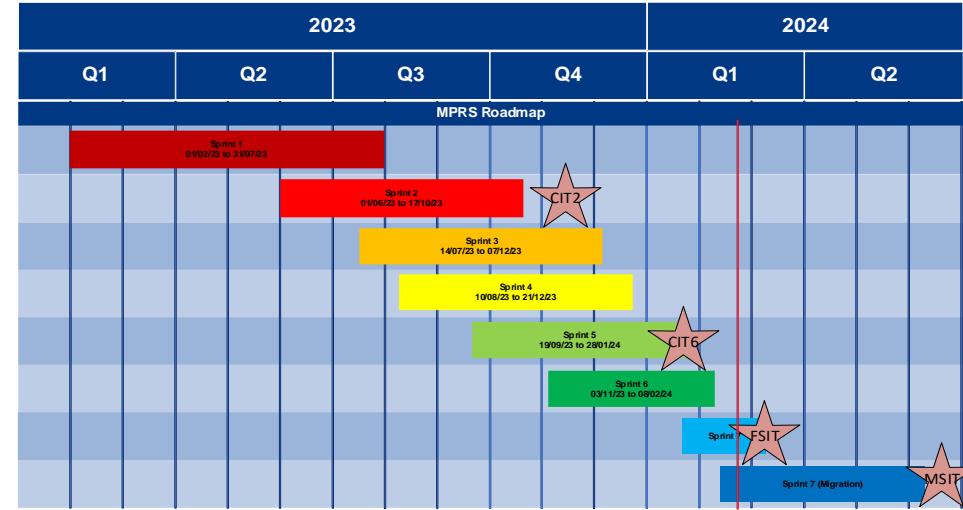
SIT Participants Constituency	Number of PPs confirmed for SIT (FTIG attendees)	Market Roles	Number of Market Roles required for SIT MVC	Number of Market Roles confirmed for SIT	Names of Participants (RAG – Green = confirmed, Black = TBC)
Supplier / Independent Agent	17	Advanced Data Services	2	10	Callisto, Energy Assets ,IMServ, Itron, Kraken Data Services, npower Business Solutions, Procode, SMS, Stark, TMA
		Smart Data Services	2	6	Callisto, IMServ, Kraken Data Services, SMS, Stark, TMA
		Metering Services Advanced	2	11	British Gas, Callisto, EDF, Energy Assets, E.ON UK Energy Solutions, IMServ, npower Business Solutions, Octopus Energy Services, SMS, Stark, Utilita
		Metering Services Smart	2	11	British Gas, Callisto, EDF, Energy Assets, E.ON UK Energy Solutions, IMServ, Octopus Energy Services, OVO, SMS, Stark, Utilita
		UMSDS	2	2	Power Data Associates, Tym Huckin Ltd
		HHDC	1	1	Callisto
		HHMOp	1	2	Callisto, npower Business Solutions
		NHHDC	1	1	Callisto
		NHHMOp	1	2	Callisto, E.ON UK Energy Solutions
Large, Medium, Small, I&C Supplier	8	Suppliers	2	8	British Gas, E, Edgware, E.ON Next, Octopus, Rebel Energy, Unify Energy, Utilita
DNO, iDNO, LDSO	2	Network Operations	1	2	BUUK, SSEN
		UMSO	1	2	BUUK, SSEN
Managed Service Providers	8		n/a	n/a	C&C, ENSEK., ESG, Kraken, SeaGlass, Utiliteam, Procode, Wheatley
National Grid (ESO)	1		1	1	National Grid (ESO)

RAGs	Overall	Approach	Plan	Resources	Budget	Risk	Stakeholders	Suppliers
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Status & Outlook	Progress this Month: <ul style="list-style-type: none"> Completed CIT Test execution & Completion report for Interval 6 Continued PIT for SIT Test execution Issued SIT draft readiness report Started Data augmentation load into ETCL for SIT functional Started Data augmentation load into SOUT for SIT functional Continued UAT testing of Sprint 4,5 & 6 code in preparation for PIT for SIT Completion of the review and agreement of the SIT Test Cases/Scenarios Continued working DIs into MPRS design Reviewed IR7 design release 	Progress expected in the coming month: <ul style="list-style-type: none"> Complete Test execution of PIT for SIT Complete Test Completion report for PIT for SIT Complete Data augmentation load into ETCL for SIT Complete Data augmentation load into SOUT for SIT Issue Final SIT readiness report Continue UAT testing of Sprint 4, 5 & 6 code in preparation for SIT Functional Commence SIT Functional Cycle 1 on the 11/03 Review SIT Migration Approach Plan PIT for Migration Continue working DIs into MPRS design
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Party Milestones & Deliverables	Original or Baseline Date	Forecast date & RAG
MPRS ready for start of CIT interval 2	06-11-23	09-11-23
MPRS ready for start of CIT interval 6	22-01-24	22-01-24
MPRS ready for start of functional SIT	14-02-24	01-03-24

Risk or Issue & RAG	Mitigating or resolving action required	Date to be resolved	Action owner
STC111 – ISSUE - The significant overrun of CIT interval 2 testing impacting subsequent test phases	The programme has reduced the scope of CIT tests but has not addressed the time lost, 'borrowed' from future test phases (UAT/CIT interval 6/functional SIT). Whilst Parties are looking at how they can accommodate such increasing Programme demands, the Programme must consider the parties having to commit significantly more time than planned and its impact on future programme milestones. Update: DNOs are providing funding to support increasing the size of the MPRS test team. This will be quadrupled since the plan was baselined in CR022	28/02/2023	Programme
STCR18 - The programme plan is challenging and SCS has been consistent in its feedback to the programme. There is insufficient time to complete the testing of all functionality to the normal SCS quality standards to meet the entry points for CIT/ FSIT	St Clements is focused on delivering the functionality that is required, for when it is required by concentrating on the testing required to meet the programme timelines. 'Full' testing will be completed later in the programme	Q1 2024	St Clements
STCR14 - BAU issues divert resource from MHHS programme (such as FS changes)	Faster Switching issues diverting resource from MHHS activities to resolving BAU issues. Forced to tolerate and manage. The Programme to recognise that BAU may be higher priority than MHHS	Ongoing	St Clements
STCR45 - Functional SIT testing requirements so far undefined there is a risk that there is a misalignment between programme and St Clements expectations	Limited exposure to what is to be expected for executing FSIT. Suitable levels of resource may not be available to support FSIT if expectations do not align, and insufficient notice is given by the programme.	15 January 2024	Programme
STCR56 - There is a Risk that insufficient time has been allocated to load the required data for the MPRS functional SIT environments	Window to load data has been cut to 5 days and the volume of records has grown from 3,500 to 10,000 records. If quality of augmented data is insufficient data load could take longer than the time allowed. This may lead to delays for other PPs loading their data (parties are dependent on data from MPRS).	08/03/2023 NEW	Programme
STCR58 - There is a risk that there is insufficient time available to fully test CR036 (Time change) ready for implementation into SIT functional cycle 2.	Bringing forward the implementation of CR036 to SIT functional cycle 2 the programme must accept the risk that, although the functionality could be made available, comprehensive testing through UAT/PIT is unlikely to be complete. This could lead to avoidable defects being identified and retesting required.	Q1 2024 NEW	Programme
STCR23 – With late delivery of Programme artefacts there is a risk of insufficient time to review/develop MPRS without impacting delivery timescales	Programme to consider staggering delivery of Programme artefacts requiring review. Artefacts need to be delivered on time with sufficient time allowed to review. For example, with the late delivery of SIT test cases, the MPRS team does not have the capacity to dedicate time to review activity without impacting delivery and testing activities	Q1 2024	Programme
STCR35 - Registration service reports undefined within the MHHS design and changes to reports will be required	Information on existing MPRS mandatory reports provided to Elexon/Orgem. Any MPRS report development required can only take place after the migration code has been delivered if MPRS delivery into programme test phases is to be unaffected	Q1 2024	Programme
STCR52 - Weekly Release Requirement for FSIT detracts resource from other DBT activities	Programme would like defects fixed in weekly releases. This may impact Migration development	Q1 2024	Programme



Assumption & RAG	Action required to remove assumption	Date to be resolved	Action Owner
MPRS high level plan broadly remains the same following detailed IA	Detailed IAs for later sprints (including migration) to be completed	Through to last sprint	SCS
Scope of MPRS development does not extend	Scope change (eg data cut/data cleanse/CRs) to impact milestones. Consider delaying when functionality is required for testing	28 February 2024	Programme
Governance/assurance does not impact MPRS delivery activities	Light touch and targeted approach	Q1 2024	Programme

RAGs	Overall	Approach	Plan	Resources	Budget	Risk	Stakeholders	Suppliers
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Status & Outlook

Progress last month:

REC

- R0044 Systems Integrated testing completed
- R0093 – ratification of message volumes with all Service Providers and DCC Demand Forecast Team

SEC

- MP162 (MDR Role) User Integrated testing & User Entry Process Testing (UEPT) started in December, on track to complete mid-March.

Capacity

- MHHS Capacity uplift commercial negotiations are in progress to ensure value for money capability is provided.

New Requirements

- **Test Data for SIT Functional Testing provided to MHSP by DCC on 15th February**
- **SIT Functional Testing Readiness Report completed, ADO Onboarding & Resource stand-up underway**
- **Test Data & Evidence Requirements confirmed & included in commercial arrangements with suppliers. All commercials agreed in principle & working through governance sign-off**
- **Migration Delivery Bilateral Meetings Underway**

Progress expected in the coming month:

- REC - Complete R0044 UIT testing
- SEC - Complete MP162 UIT testing
- Capacity – Planning due to complete Jan 24, to support 2024 delivery of uplift
- REC R0093 estimated costs and durations returned to RECCO
- REC R0093 appeal process to be discussed with Ofgem – rationale to be explained
- SIT FT Onboarding & Stand Up
- Start of SIT Functional Testing

Party Milestones & Deliverables	Original or Baseline Date	Forecast date & RAG
Ofgem approval	25-10-22	28-11-22
MHHS SIT Start	11-03-24	11-03-24
MP162 Go-LIVE	27-06-24	27-06-24
R0044	27-06-24	27-06-24
Capacity Uplift	June 24/25	June 24/25
R0093	2025	April 2025

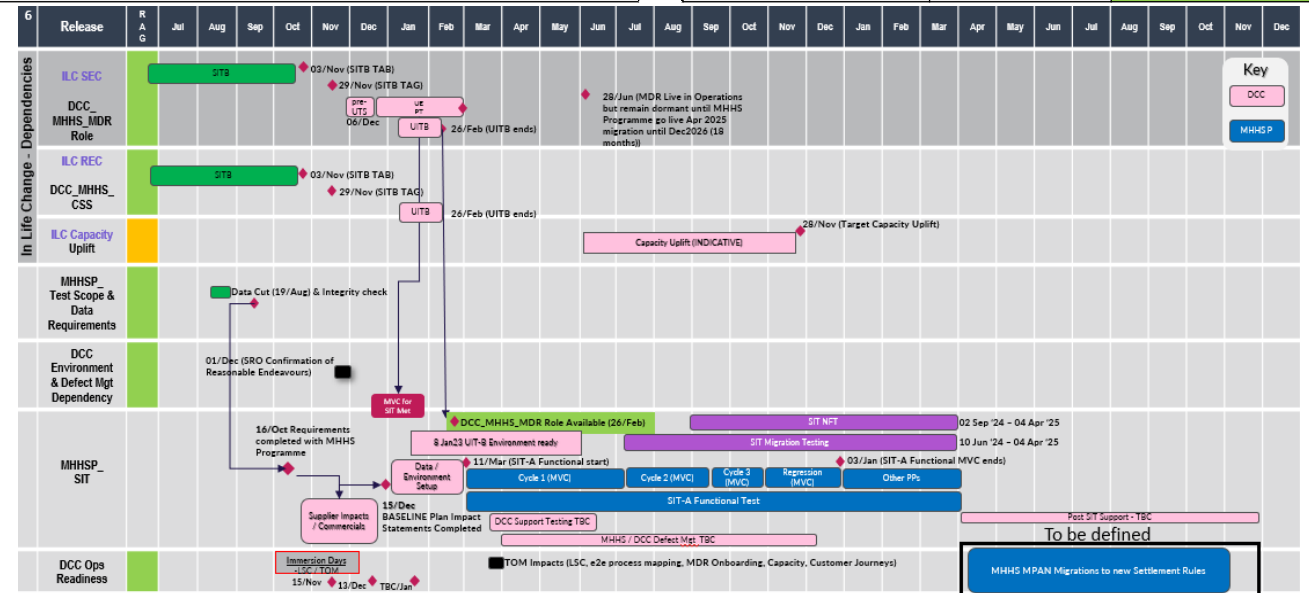
Decisions required	From whom?	By when?
None	n/a	n/a

Top Risks and or Issues (See detail on page 2)

R0093 (CR4990) – agreement with RECCO to workup new change for actual capacity uplift

Assumption & RAG	Action required to remove assumption	Date for action to be resolved	Action Owner

Dependency & RAG	Managing action required	Date for action to be resolved	Action Owner
Clarification on proposed changes to SIT Functional Test Cases & Scenarios, following deep dive sessions	Resolved – Theme 8 (Settlements) agreed with confirmation of no DCC involvement.	Complete	MHSP



MHHS Changes (DCC)

Core Capability Provider
DCC

Change requests supporting MHHS	Descriptions	Completion date	Action owner	Status
IN PROGRESS: PR7809 SIT Support (DCC as Participant) (Combined with PR7772)	Provision of support for SIT Testing to provide required evidence of DSP/CSS participation, support E2E SIT Defect Management, & support meters used in DCC testing	2024/2025	DCC/Service Providers	Open
Commercials Completed: PR7771 (For Data Cleanse)	Support the Data Cleansing requirements as specified by Elexon to support the Migration activities planned for 2025	2024/2025	DCC/Service Providers/MHHSP	All PO's Raised
Commercials Completed: PR7760 (MHHS Programme Engagement)	To address the definition of the new requirements for DCC Service Providers to allow them to estimate the duration/costs to support - UPDATED with Support Requirements for ongoing programme delivery	Dec '23	DCC/Service Providers	All PO's Raised
IN PROGRESS: CR4813 (DCC CR that supports the SEC Modification MP162)	Creation of the new MDR role within the DSP systems and progressed by DCC and its Service Providers through Design, Design Assurance, Build, PIT, DCC SIT, User End Processing Testing (UEPT) and Testing Participant User Integration testing	09/02/24	DCC/Service Providers	Open
IN PROGRESS: R0044 (CSS to DSP Interface changes)	Updating of existing interface with additional MDR data fields to support the new role and allow agent appointments to be made and support the change of supplier/agent Industry process. This will be testing across SIT/UIT.	09/02/24	DCC/Service Providers	Open
IN PROGRESS: CR4879/CR5815 (Capacity)	Infrastructure and Capacity uplift to support the increased network traffic modelled to allow the MDR Service Requests to be processed within SLA and ensure the Service to End Users is maintained	2024/2025	DCC/Service Providers	Open
Closed: R0097 (Consequential change for CSS MDR appointments)	ERDS change asking them to make changes at their end to be ready to use the new 'tick box' when they want a message confirmation.	2025	RECCo	Closed - Incorporated in R0044
IN PROGRESS: R0093 (CR4990 - Uplift to CSS Max demand volumes during MHHS migration period)	Ensuring there is sufficient capacity across the CSS systems to support the increase in Service Requests pertaining to the new MDR role. Currently with DCC & SPs for re-estimation of costs.	2025	DCC	Open

Change requests supporting MHHS	Descriptions	Completion date	Action owner	Status
PRxxxx DSP Migration Capacity	Any additional capacity required to cope with peak-of-peak migration threshold	Mar '24	DCC/Service Providers	To Be Raised
PRxxxx DCC Operational Support for Migration	Potential Hypercare during early phase (c. 3 months) of migration to ensure success	TBC	DCC/Service Providers	To Be Raised

COMPLETED: PR7742 (DCC PR that supports the Data Backup requirement)	Data backup and retention of both CSS (Faster Switching) and DSP (SMETS) data to support the Elexon SIT Functional testing stage	19/08/23	DCC/Service Providers	Complete
COMPLETED: PR7788 (MHHS SIT Preparation - CSS-DSP Connectivity)	Work required to re-configure both CSS and DSP components in UIT-B to connect to each other rather than the simulators.	Dec '23	DCC/Service Providers	Complete
COMPLETED: PR7806 (DSP), PR7822, (CSS) (MHHS Test Data Upload)	Define and set up SIT data for CSS & DSP as well as MPANs for meter sets in end-to-end testing with DSP	Jan '24	DCC/Service Providers	Complete

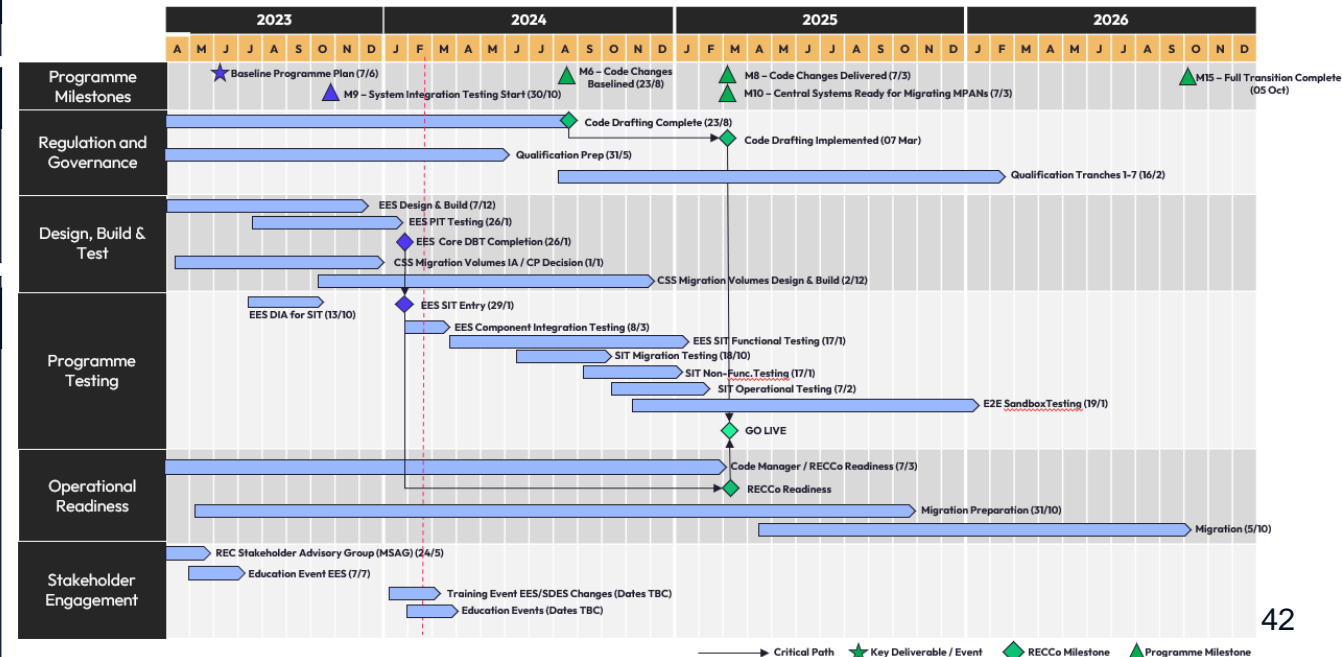
Ref.	Risk	Probability	Mitigation	Owner	Area
1	'Peak-of-peak' migration volume occurs when DCC hypercare has been stood down.	Low	Request the MHHS Programme to attempt to include a 'peak-of-peak' migration day during the 3 months of hypercare. Will be addressed with Elexon Migration Delivery Manager	MHHS Programme	Migrations
2	The current peak-of-peak migration thresholds defined in the Migration Thresholds document assume a peak-of-peak of 300K CoAs per day above "business as usual" (BAU) volumes. BAU volumes today may not reflect BAU volumes between April 2025 and October 2026 as we can anticipate MHHS to stimulate higher levels of switching as Suppliers offer new MHHS products and services.	Medium	CSS and DSP should be sized for a peak-of-peak CoA volume of 300K plus 291K (the original CSS peak-of-peak volume) to allow for growth in switching rates.	DCC	Migrations / Capacity
3	The changes required in CSS and/or DSP to achieve a peak-of-peak CoA volume of 591K may not be cost effective and/or technically feasible.	Medium	Include performance testing within the PRs raised with CGI and Landmark & Netcompany to confirm compliance with these volumes and make DCC commitment to associated SLAs contingent on successful completion of this testing.	DCC	Migrations / Capacity
4	Any changes which materially impact the Capacity Assumptions that form the basis of DCC's MHHS Capacity increases may not be able to be met, due to the time required to deliver capacity increases	Medium	Assumptions have been shared with Programme & will be shared with suppliers via bi-lateral meetings, led by DCC. Once complete, any changes will be under change control.	DCC/MHHS Programme	Capacity
5	As the SIT FT schedule is still to be finalised, DCC will resource its Test Support on the basis of assumptions to ensure that sufficient resources are assigned to run & evidence tests involving DCC. There is therefore a risk that this may be over-resourced.	Medium	Continue to work with MHHS Test Team to refine assumptions, and put in place commercial arrangements which allow the level of resource to be reduced if required.	DCC	Test Support
6 - NEW	Risk that Migration Testing is not comprehensive, as this currently omits DCC involvement, beyond 1 message in 1 scenario – this results from the test scenarios following business process which omit DCC.	High	Has been raised by DCC via Test Scenarios feedback, email to the Testing team, and via Bilat, for resolution	MHHS Programme	Test Team
7 - NEW	Risk to CSS performance if daily migration volumes exceed the 300k peak-of-peaks, for which there is no system-based control to prevent	Medium	DCC will work with Elexon Migration Delivery to identify the means to mitigate the likelihood of this occurring, and the actions to be taken in the event of an occurrence.	DCC/MHHS Programme	Migrations / Capacity
8 - NEW	Mandated MDR Appointments for all MPANs may not be necessary but will require additional infrastructure requirements for DSP.	Medium	Hold a joint DCC/MHHS Design Team session to validate necessity of mandated MDR Appointments to ensure there is no associated regret spend	DCC/MHHS Programme	Capacity

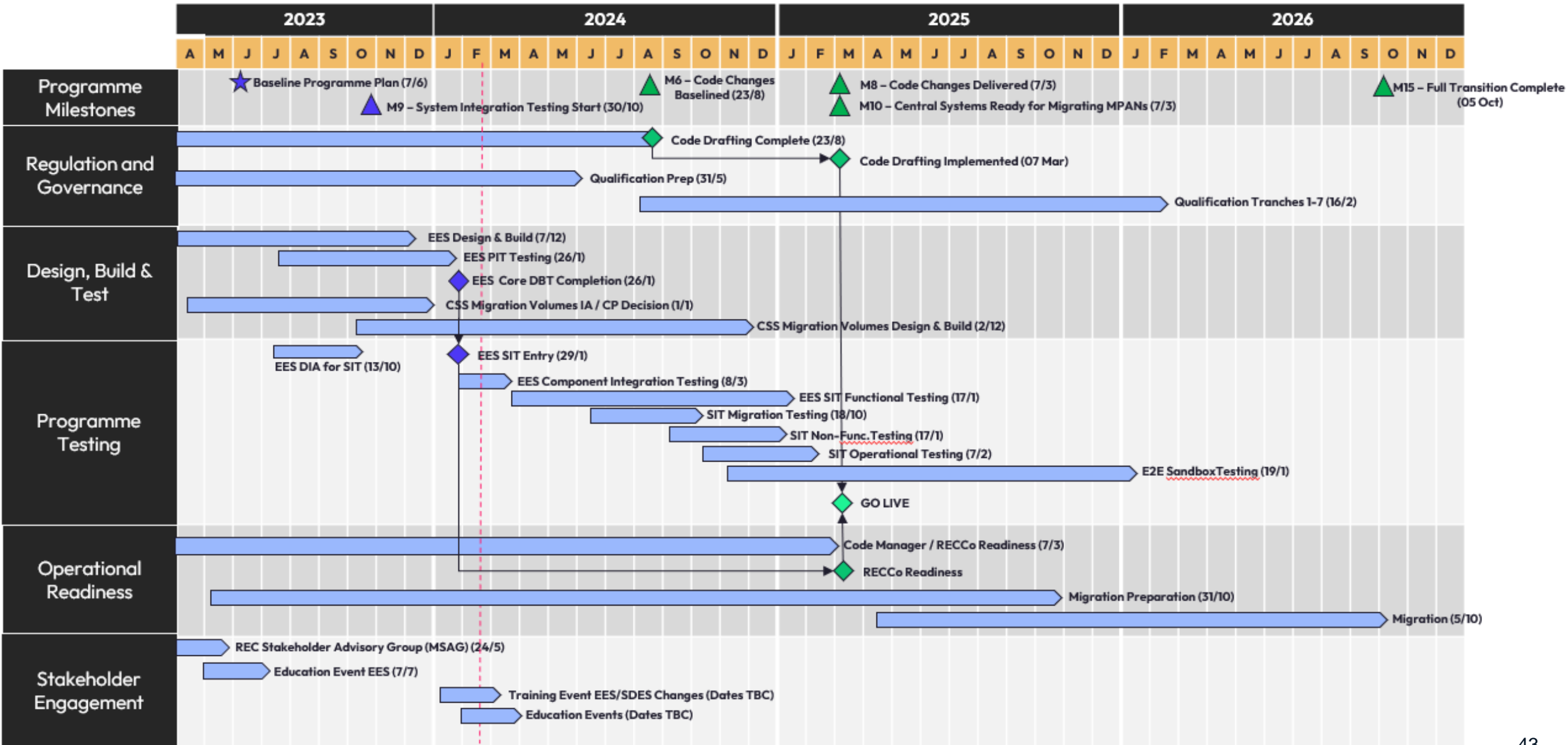
RAGs	Overall	Approach	Plan	Resources	Budget	Risk	Stakeholders	Suppliers									
Status & Outlook	Progress last month: <ul style="list-style-type: none"> EES Completed SIT CIT (pending test assurance sign-off). EES Ancillary changes completed PIT Code Drafting Mop Up 2 industry consultation published 19 Feb QAD (jointly developed with Elexon) published for industry consultation on 16 Feb. QA&P (jointly developed with Elexon and Programme) consultation closed on 14 Feb and responses undergoing triage. Pre-Qualification Submission Template (jointly developed with Elexon) for Non-SIT Suppliers and Agents published on 5 Feb. 			Progress expected in the coming month: <ul style="list-style-type: none"> Complete preparation for SIT Functional Triage Code Drafting Mop Up 2 industry consultation responses (due 11 March) Triage QAD industry consultation responses, update and request approval from REC PAB Request approval for QA&P from March QAG and REC PAB Present PQS Webinar for Non-SIT Suppliers and Agents Publish consultation on Non-SIT Functional Scenarios (jointly developed with Elexon). 			Party Milestones & Deliverables	Original or Baseline Date	Forecast date & RAG								
	EES DBT Completion (Ancillary)	27/02/2024	27/02/2024	SIT Functional Testing Start	11/03/2024	11/03/2024	MEM / Supplier / DNO Assessment Criteria	26/03/2024	26/03/2024	Qualification Approach & Plan v0.2 published	29/11/2023	29/03/2024	Qualification Assessment Doc v 0.1 published	29/11/2023	29/03/2024	Code Drafting – Final Code Review – CCAG Approval	13/05/2024

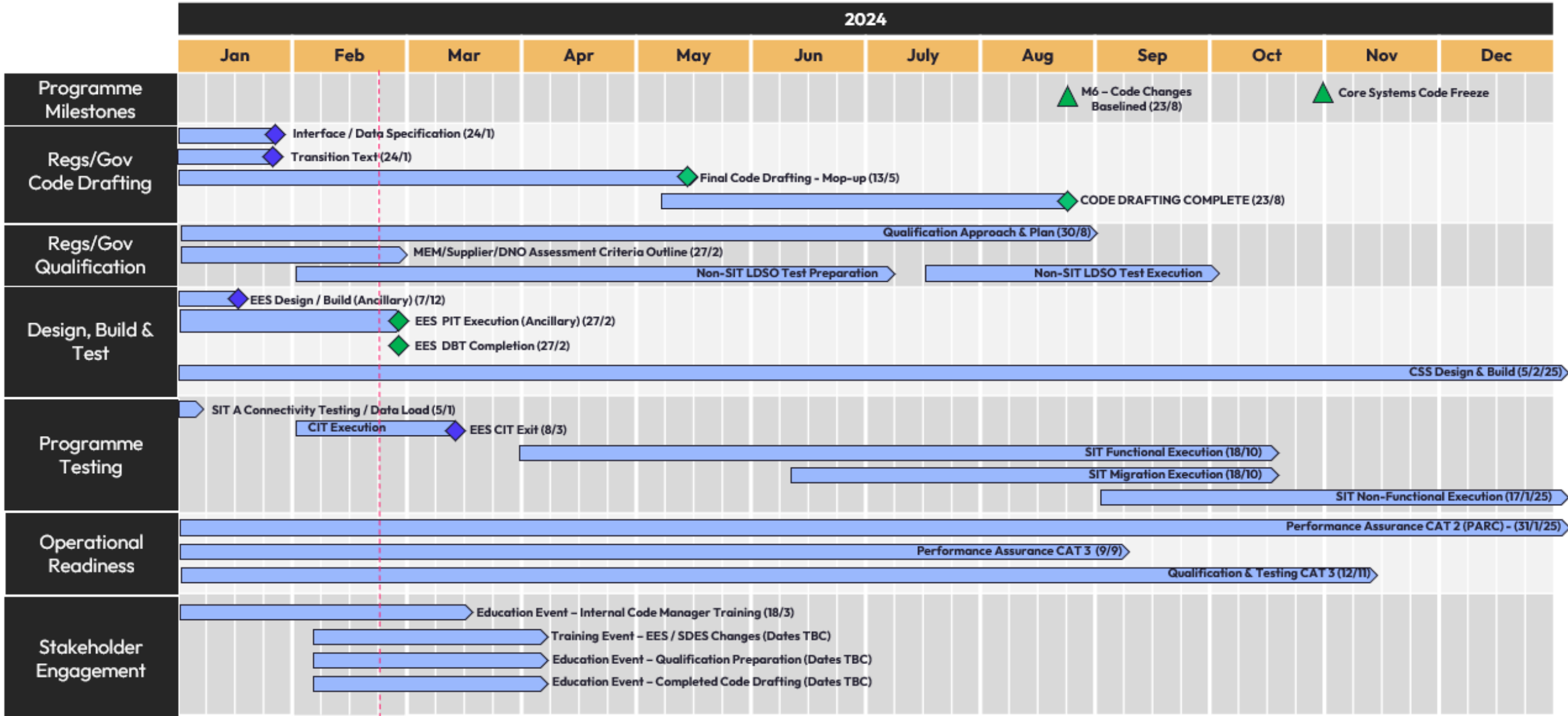
Decisions required	From whom?	By when?
None		

Risk or Issue & RAG	Mitigating or resolving action required	Date for action to be resolved	Action owner
Programme does not provide expected / required UIT environment to support Qualification Testing	Ongoing discussion with Programme and Elexon to confirm provision of test environment and test data to support Qualification.	Mar'24	Andrew Wallace

Dependency & RAG	Managing action required	Date for action to be resolved	Action Owner
Programme SIT Artefacts for provision of equivalent Qualification documents, providing clarity on roles & responsibilities and confirming any additional qualification requirements that Code Bodies need to undertake for SIT parties.	Programme recently pushed back date for finalising SIT Non-Functional Test Scenario and Test Cases. The impact of this will need to be considered in the context of the overall Qualification Plan. RECCo continues to request early sight of changes to deliverables where there is a Qualification dependency.	Ongoing	Andrew Wallace







RAGs	Overall	Approach	Plan	Resources	Budget	Risk	Stakeholders	Suppliers																
Status & Outlook	<p>Progress last month: Overall (CIT): continued to support onboarding and progress of CIT testing for all intervals with defect triage and remediation as required</p> <p>SIT Support & Change Backlog</p> <ul style="list-style-type: none"> Supporting Market Participants via 1:1 sessions during closing stages of CIT Continued weekly release cadence as necessary into SIT to address open CIT defects Completed PIT testing in readiness for SIT Functional Submitted DIP-D37 PIT Test Completion Report and DIP-D39 PIT Defect Work-Off Plan Conducted additional Secondary Routing testing with active SI assurance Started development of the 'Many to Many' user profile changes Completed draft of information Security Management System (ISMS) plan for ISO certification 			<p>Progress expected in the coming month:</p> <ul style="list-style-type: none"> Final prep activities for SIT Functional Finalise development and testing of IR5.4 Data load activities for SIT Functional Commence development of IR7 Defect management support during SIT Functional Continue to work on development backlog for items required for SIT Functional Cycle 2 Conduct Non-Functional PIT Completion of PIT per exit criteria for Functional SIT Progress defect work plan Await publication of Non-Functional and Operational test documents in order to Impact Assess 			<table border="1"> <thead> <tr> <th>Party Milestones & Deliverables</th> <th>Original or Baseline Date</th> <th>Forecast date & RAG</th> </tr> </thead> <tbody> <tr> <td>DIP 4b – Final build (Provisional)</td> <td>01/03/24</td> <td>09/02/24</td> </tr> <tr> <td>Functional SIT Start</td> <td>11/03/24</td> <td>11/03/24</td> </tr> <tr> <td>DIP 5 – Migration / Transition</td> <td>20/09/24</td> <td>21/02/25</td> </tr> <tr> <td>DIP 6 – Hypercare</td> <td>20/09/24</td> <td>21/03/25</td> </tr> </tbody> </table>			Party Milestones & Deliverables	Original or Baseline Date	Forecast date & RAG	DIP 4b – Final build (Provisional)	01/03/24	09/02/24	Functional SIT Start	11/03/24	11/03/24	DIP 5 – Migration / Transition	20/09/24	21/02/25	DIP 6 – Hypercare	20/09/24	21/03/25
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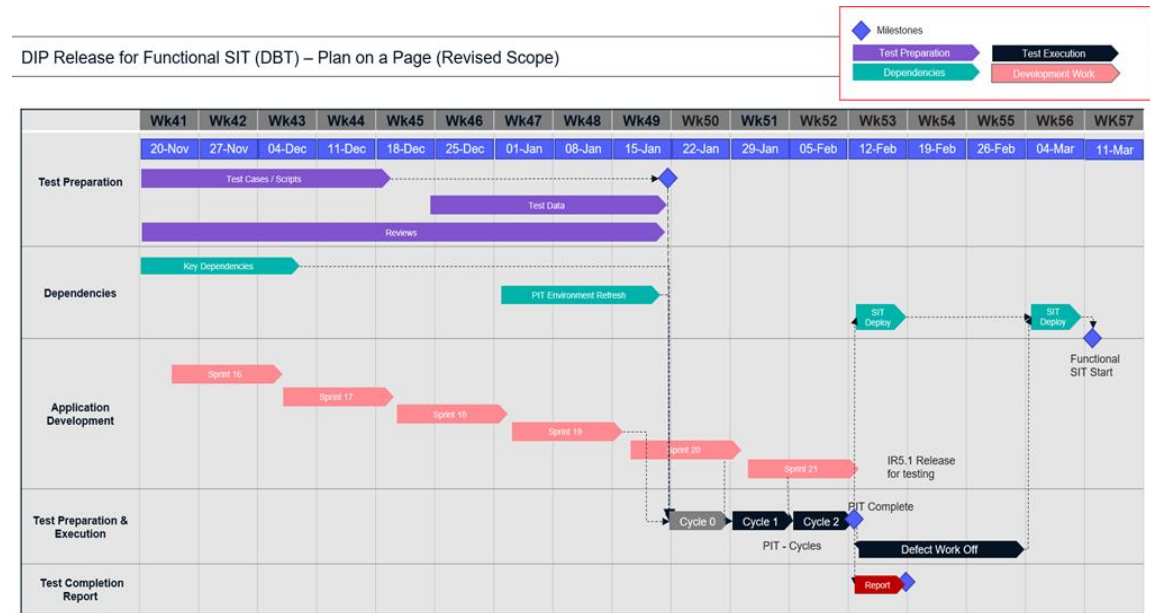
Decisions required	From whom?	By when?
None	n/a	n/a

Risk or Issue & RAG	Mitigating or resolving action required	Resolution Date	Action owner
There is a risk to SIT Functional Cycle 2 because the DIP may not be able to deliver IR7 given the amount and complexity within release and the limited amount of time to deliver and test.	<ol style="list-style-type: none"> DIP Team to create a plan based on an Impact Assessment and the team profile to provide visibility on impact to SIT Cycle 2. Lee Cox to provide mitigation options. 	15/03/2024	Lee Cox
There is a risk to Non-Functional Test Phase and Operational Test Phase due to scope plan and other associated details not being provided in a timely manner to PPs.	•Mitigation options pending	29/02/2024	Lee Cox

Assumption & RAG	Action required to remove assumption	Date for action to be resolved	Action Owner

Dependency & RAG	Managing action required	Date for action to be resolved	Action Owner

DIP Release for Functional SIT (DBT) – Plan on a Page (Revised Scope)



RAGs	Overall	Approach	Plan	Resources	Budget	Risk	Stakeholders	Suppliers
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Status & Outlook	<p>Progress last month:</p> <ul style="list-style-type: none"> Board approval of overall Helix budget on 6th February. PIT for release 8.6 completed and promoted to SIT Functional environment. Outline approach for service design, business impact assessment and end-to-end testing completed. QA&P consultation completed and QAD is out for consultation. Detailed delivery plans for upstream Elexon system changes in support of core Helix solution in place and in train. An Elexon all of company presentation on transition and business change requirements of MHHS has been held with an initial engagement plan to be rolled out by the end of February. 	<p>Progress expected in the coming month:</p> <ul style="list-style-type: none"> Helix team stand ready to support the start of SIT Functional cycle 1. Release 9.6 to be completed which will support later phases of SIT testing. Start engagement with RECCo and DCC to align overall service design and produce low level design agreements. Starting the high-level business change impact assessment and engaging with all impacted operational business areas. Production of functional test scenarios to feed into end-to-end operational testing. QAG and PAB to sign off QA&P and QAD. Presentation of Qualification Test Approach to Suppliers and Agents.
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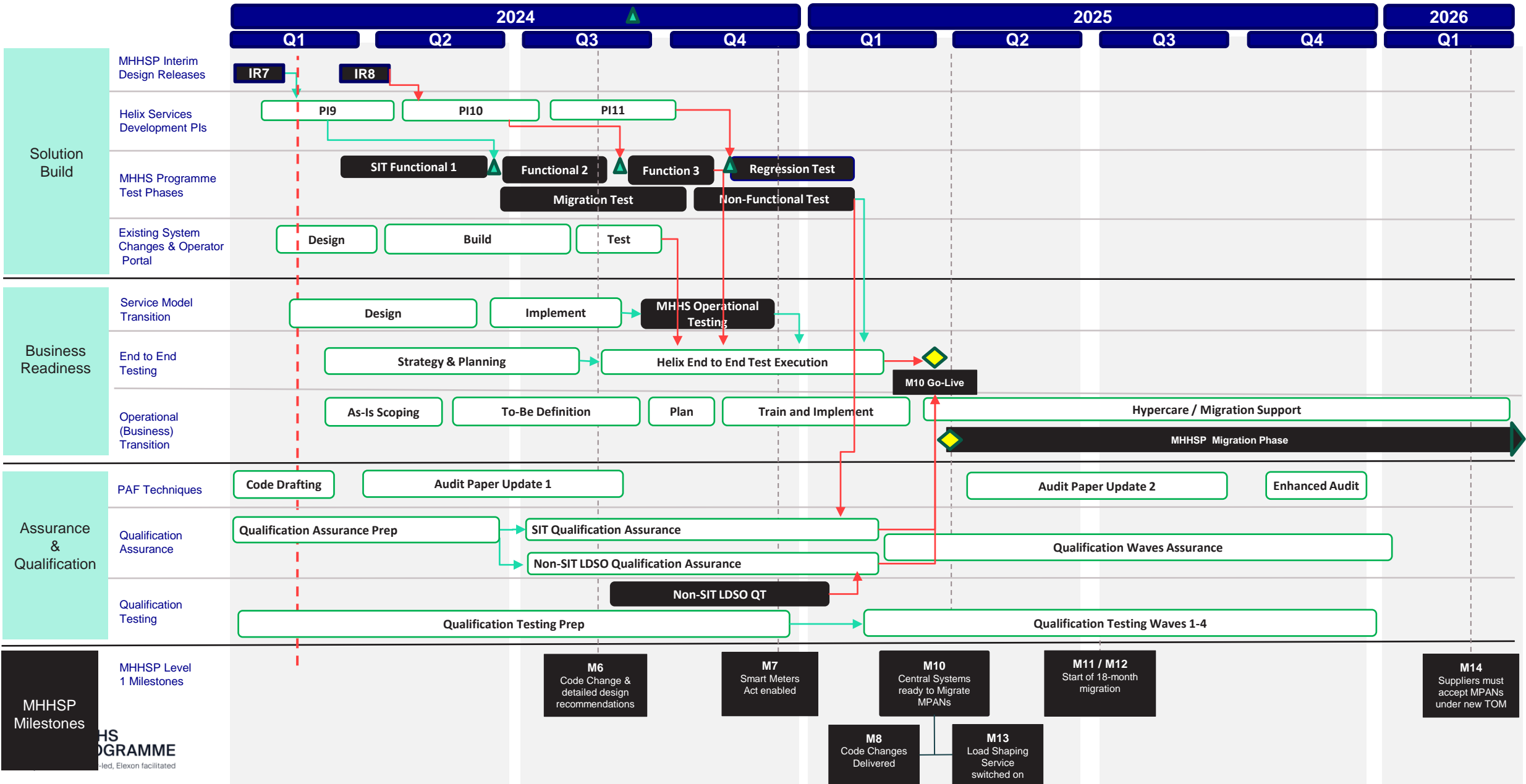
Party Milestones & Deliverables	Plan Date	Forecast date & RAG
Complete integration test of Release 8.6 ahead of SIT preparation	10/01/24	Complete
PIT completion report of SIT	9/02/24	Complete
Approval of the MHHS Service Strategy	9/02/24	Complete
Target Release of 8.6 to SIT functional environment.	18/02/24	Complete
QA&P approval	28/03/24	In progress
QT functional test scenarios approval	18/04/24	In progress
High-level business change impact assessment	19/04/24	In progress
First pass definition of operational business change plan	30/04/24	In progress
SIT functional phase1 ends	28/05/24	Not started
Target second code release for SIT to cover SIT phase 2 requirements	31/05/24	In progress

RAID and RAG	Type	Mitigating or resolving action required	Date to be resolved/ updated
If further changes impact on the scope of Helix, they may impact on SIT preparation and will drive further cost into the programme.	Risk	Recognition that Helix has a materially complete code base with due consideration given to avoidance of refactoring of this code base within future change requests. Reduced the severity of this risk due to the change freeze being introduced by MHSP.	Ongoing
Rephasing of SIT to place Theme 8 settlement later in the plan increases the risk of overall date slippage by increasing the strain of later phases.	Risk	In the event of slippage to SIT, Helix will have to perform additional development to absorb additional costs. Any slippage to SIT dates would impact on the Assurance and Qualification workstream.	31/3/24
If the transition plans for go-live of Helix and transition of MHHS are not advanced urgently there is a risk that this phase will not run smoothly.	Risk	Transition leadership team in place. Engagement plan being rolled out with introduction to all Elexon operational teams by the end of March.	31/3/24
There is a risk that all aspects of PAF and Qualification readiness are not completed to plan.	Risk	KPMG and CGI specialist teams have been onboarded to augment capability. Key focus on the development of an automated test harness to manage the qualification of the non-SIT Suppliers and Agents.	31/3/24

Helix Delivery POAP

HELIX

Core capability provider
Helix



RAGs	Overall	Approach	Plan	Resources	Budget	Risk	Stakeholders	Suppliers
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Status Update	<p>ElectraLink updates for February PSG:</p> <ul style="list-style-type: none"> The MHHS programme has identified the need for a set of data flow changes and additions for SIT. These were delivered in January Continued collaboration with MHHS Programme and teams engaged via participating in working groups such as SITWG, FITG, S&T, DAG, DWG and fortnightly sessions with the programme and Webinars. 	<p>Milestones and Deliverables:</p> <ul style="list-style-type: none"> The updated DTC was delivered in January
	<p>Decisions required</p>	

Decisions required	From whom?	By when?

RAID	Mitigating or resolving action required	Date for action to be resolved	Action owner
Assumption: TR03 will be used by all SIT customers for testing on the DTN and no further communication is needed to SIT customer from ElectraLink	This has been confirmed by the Programme. Programme to determine if formal communication is required from ElectraLink	-	Exelon/ElectraLink

Dependencies	Managing action required	Date for action to be resolved	Action Owner

RAGs	Overall	Approach	Plan	Resources	Budget	Risk
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<p>Activities reported as progressed in February:-</p> <p>SSEN (as MVC for SIT)</p> <ul style="list-style-type: none"> Completed CIT Smoke Testing. Commence CIT Interval 5 CIT Testing. Reviewing Service Management Strategy. Responding to CR041 Continuing weekly bi-laterals with SI. Supporting other DNO's with their Placing Reliance policies. Connectivity proving completed successfully with DURABILL X.1 release. Producing PIT for SIT Functional documentation. <p>General DNO Comments</p> <ul style="list-style-type: none"> DBT1 – Systems development & Test case preparation progressed. Test data preparation and Test environment readiness for DBT1 PIT. Confirmed interface configuration for DIP adapter, PIT-B environment. Progressed on Data cleanse activities. Impact analysis of Programme/ industry changes– R060, R080. Programme artefacts reviews: Data cleanse plan v1.1, QAP, QT scenarios, QAD, Service Management Strategy. Attended various Programme meeting with MHHS, St-Clements, Adapter DNO forum. Preparation for Durabill MHHS releases 	<p>Activities reported as expected to progress March:</p> <p>SSEN (as MVC for SIT)</p> <ul style="list-style-type: none"> Completed CIT execution. Submission of CIT Test Completion documentation for Registration Services, LDSO & UMSO Install & configure SIT Functional versions of Registration Services, LDSO & UMSO solutions. Review Sit Migration test cases & define target solutions architecture with SCS, ElectraLink & C&C. Continuing weekly bi-laterals with SI. Completing QAD Obtaining DNO sign-off on MPRS Agreement via eSign. <p>General DNO Comments</p> <ul style="list-style-type: none"> DBT1 – Continue Systems Build, Creation of internal Testing/ PIT Test scenarios; Commence PIT testing. Connectivity with DIP adapter test instance (PIT-B). MPRS 9.0 & DURABILL 6.5.0 available for client user testing. Progress on Data Cleanse activities as per plan (DEL1181). Continue to attend various MHHS Programme meetings/ working groups. Impact analysis of industry change requests related to MHHS. Programme artefacts reviews – Qualification Assessment Document. CR036 (UTC v Clock Time) implementation date still to be agreed (we note the Large Suppliers have submitted an appeal).
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Decisions to be made by DNOs	Impact of no decision	Decision by when?
DNOs to consider sign off of C&C using MPRS API code for ADQM API Delivery	Risk to use of ADQM API code. However, all DNO's already approved in principle.	23/02/24

Decisions required from the Programme	Impact of no decision	Decision by when?
SIT Non-Functional – UMSO testing across cohorts. Unclear how this will work for DNO's	Problems completing SIT Functional tests	08/03/24
SIT Non-Functional. Lack of clarity on scope & testing requirements	Delay Parties from starting effective planning for NFT.	04/03/24
Need clarity on involvement of 3rd party adapter services provider in performing SIT Non-Functional and Operational testing on behalf of DNOs.	Failure to qualify – unable to validate non-functional and operational requirements.	ASAP
Need decision on validation/testing of DUoS Settlement process prior to the migration.	Accuracy of Billing/settlement for LDSOs are not proven for the new settlement arrangements.	ASAP
Test data requirements for non-SIT LDSO Qualification Testing.	Failure to qualify – Data inconsistency between different applications and rejection of messages causing validation failures.	Q1 2024
Clarity on QT scenarios in scope for MPRS and UMSO based on the placing reliance policy.	Failure to qualify – Duplication of work for DNO.	Q2 2024
CR019 – Define scope/testing evidence for proving central system data service load shaping	Risk to DUOS Billing Charges if Central system do not provide consumption data	ASAP

Escalations (priority items for attention and support from the Programme)	Action by when?
Clarification of non-SIT LDSO/ Qualification testing requirements and approach	ASAP
Decisions on outstanding DIN log items, CRs and Design Queries.	ASAP
SIT Migration, Non-Functional & Operational testing requirements are yet to be fully detailed.	ASAP
PIT Completion timelines July – August 2024 based on timelines for system deployments	ASAP

Risks or Issues	Impacts	Opportunities to resolve and deliver as soon as possible
Late delivery of Network Operations Applications for SIT Functional (mid to late February).	Readiness for start of SIT Functional Cycle 1.	One LDSO application delivered early. Others remain on track to deliver by 23/02/24
Durabill patch for IR5.3 not due until 6th March	Risk to completion of Durabill deployment before 8th March	None
Potential impacts on DNO budgets due to new change requests.	Require additional funding allocation.	Clarify scope (DBT, SIT, environment) and secure funding
Potential impact on DNO budgets dependant on Environment requirement and timescales.	Potential under-recording of DNO cost impacts in the Programme benefits	Require firm commitments on requirements for Environment requirements for Non-SIT LDSO testing.
Potential delay in completing PIT test closure reports and RTTM by 26 July 2024 due to dependency with third-party software providers.	Not enough time for parties to provide response.	Provide additional time for DNOs to complete PIT.
Availability of core software products (MPRS, UMSO, etc.) to support Non-SIT LDSO PIT and Qualification Testing is unclear.	Unable for non-SIT participants to complete PIT in readiness for QT.	Provide an interim product delivery plan for the non-SIT LDSOs to complete the PIT following a risk-based approach.
Central systems (data services/load shaping) do not provide 100% coverage of consumption data to LDSOs	DNO's unable to fully recover DUoS charges.	CR019 decision
The Reverse Migration Solution is too complex to enable Core Capability Providers to Achieve Testing & M10.	M10 timelines	N/A
Data Cleanse activity may take longer than aligned within program plan	Failed migration and/ or extended timelines and/ or poor quality data	Question remains over whether import and export linkage is required (as per Elexon P459).

DNO Key Milestones (in Round 3 plan)	Round 3 date & confidence level / RAG	Reasons for confidence levels
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For those intending to participate in Systems Integration Testing (SIT) - SSEN		
SIT (Functional) start	27-Feb-24 1 Medium confidence	<ul style="list-style-type: none"> SCS to carry out on behalf of SSEN for Registration Services - Challenge raised re Placing Reliance on Networks Operations & UMSO SIT Testing. Remains unclear.
M10 - readiness to support migration start, including Registration Services. Network Operators and UMSOs	07-Mar-25 1 Medium confidence	<ul style="list-style-type: none"> Further outcomes of testing success required from SIT Functional before being 100% confident re migration testing. Proposed Migration volumes are still not proven by any empirical testing

For those intending to participate in non-SIT LDSO (qualification) testing		
Non-SIT LDSOs testing start (Functional / Migration / NFT / Ops)	02-Jul-24 5 Medium confidence	<ul style="list-style-type: none"> As point above: Requirements from the programme in relation to requirements for LDSO/Billing/UMSO are still to be clarified. Ongoing discussions regarding Qualification, PIT plan timelines, data requirements and test cases.
M10 - readiness to support migration start, including Registration Services. Network Operators and UMSOs	07-Mar-25 5 Medium confidence	<ul style="list-style-type: none"> Rated as medium confidence, noting that these requirements are still to be agreed at Programme level. Ongoing Industry discussions regarding migration volumes & SLA's– consultation.

DNO Adaptor status		
Decision to use an adaptor	Functional scope of adaptor agreed	Adaptor procurement completed
Yes 6	Wider 6	6 Complete

RAGs	Overall	Approach	Plan	Resources	Budget	Risk			
Status & Outlook	Activities reported as progressed in February: <ul style="list-style-type: none"> Completed IDNO SIT CIT activity. Prepared for the commencement of SIT Functional. Monitored progress of LDSO DINs and CRs and responded where appropriate. Continued Data Preparation requirements activity. Worked with the Programme re: Placing Reliance Statements and clarifications. Further progressed changes to DTN Gatekeeper systems. Engaged with the Programme regarding the Draft Service Management Strategy. Reviewed Qualification Approach and Plan. Reviewed Data Cleanse Plan. Engaged with the IPA regarding DUoS Billing Data accuracy concerns. 		Activities reported as expected to progress in March: <ul style="list-style-type: none"> Ongoing preparation for SITF readiness, including activity with DTN Gatekeeper environment. Continued monitoring of LDSO DINs progress and review CRs. Continue to undertake data cleanse and preparation requirements. Continue to identify Programme impacts to current BAU processes. Respond to the Qualification Assessment Document (QAD) Consultation. Review Code Mop Up 2 final consultation. Review Supply, Distribution and Transmission Licence Review. Commence preparation for UAT activities. Bi-lateral meetings. Respond to DIP dataflows optionality request. Pre-Qualification preparation. 		IDNO Key Milestones (in Round 3 plan)		Round 3 date & confidence level / RAG	Reasons for confidence levels	
	For those intending to participate in Systems Integration Testing (SIT)								
	M9 - SIT CIT start		30-Oct-23 [1] High confidence [] Medium confidence [] Low confidence		Progress for M9 is positive.				
	SIT (Functional) start		11-March-24 [1] High confidence [1] Medium confidence [] Low confidence		We are currently on track to commence SITF on 11th March.				
	M10 - readiness to support migration start, including Registration Services. Network Operators and UMOS		07-Mar-25 [1] High confidence [1] Medium confidence [] Low confidence		Progress for M10 looks positive. However, this is still a fair way away, with multiple challenges between now and then.				
	For those intending to participate in non-SIT LDSO (qualification) testing								
	Non-SIT LDSOs testing start (Functional / Migration / NFT / Ops)		02-Jul-24 [2] High confidence [1] Medium confidence [1] Low confidence		Will gain more confidence when sessions held with programme TA. Expecting potential delays (1 IDNO)				
	M10 - readiness to support migration start, including Registration Services. Network Operators and UMOS		07-Mar-25 [] High confidence [2] Medium confidence [1] Low confidence		Will gain more confidence when sessions held with programme TA. Expecting potential delays (1 IDNO)				
	IDNO Adaptor status								
	Decision to use an adaptor		Functional scope of adaptor agreed		Adaptor procurement completed				
Yes [5] No [0]		MPRS only [1] Wider [3]		[4xY] [2xN]					
Decisions to be made by IDNOs		Impacts of no decision		Decision by when?					
Decisions required from the programme		Impact of no decision		Decision by when?					
Qualification requirements are still to be fully confirmed by Programme and Code Bodies, including QAD submission dates.		Unknown testing requirements and timescales for completion of stages.		QWG Sessions in February should provide clarity.					
Regarding CR036, the Programme needs to decide on implementation – currently schedule for IR7 but St Clements unable to implement prior to IR8		Will have significant impact on delivery in to SIT migration.		ASAP					
Escalations (priority items for attention and support from the programme)				Action by when?					
Clarity and resolution on the above				ASAP					
Risks or Issues		Impacts		Opportunities to resolve and deliver as soon as possible					
There is a risk that Programme decisions/design assurance may not be robust enough. Eg, For Avanted to not deliver secondary routing for CIT.		Additional resource requirements and delays in SIT progress could impact Programme delivery.		Thorough and robust decision making and design assurance.					
There is a risk that Qualification requirements might challenge delivery.		Additional qualification requirements may threaten other areas of delivery.		Code Bodies fully identify what requirements there are for Qualification/Qualification Testing.					
Continued changes to Design		IDNOs unable to complete enduring build and testing.		Continued engagement with Programme to determine design. Change freeze might help.					
Based on recent data augmentation activity taking longer than the Programme anticipated, there is a risk that future such activity might impact Programme delivery timelines.		This could impact achieving subsequent testing and general Programme milestones.		Consider future data augmentation activities and attempt to assess the time required to undertake the activity. Potentially, begin the activity sooner, if necessary.					
Secondary Routing issues in CIT to be managed and tested by programme before start of SIT Functional.		Potential delay to SIT Functional if testing does not go to plan.		Programme to test in window between end of CIT and start of SIT Functional. This is a fairly small window if issues arise.					
Service Management Review potential requirement for LDSO Service Desk – review document not 100% clear and could be interpreted in different ways.		Potential additional expense if LDSOs are required to provide individual service desks post MHHS go live.		LDSO session with the SI team to clarify, and await consultation results.					
Pre-Qualification Submission required to be submitted by 26th April		Change to SIT programme		St Clements working with programme to ensure readiness.					
Confusion around DBT2 forum re DUoS Billing as DBT2 requirements are out of scope of Programme testing. However, led to believe DUoS Billing is now in scope and part of SIT Functional?		Confusion on how we can ensure data received from Helix / DIP is used to ensure revenue streams and cash flow are as expected to continue in BAU following migration to MHHS.		Further discussion required.					

Overarching Costs for MHHS Central Parties FY 23/24

Financial Measure	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	Jan-24	Feb-24	Mar-24	Totals (£m)*
	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m	
MHHS Budget	1.39	1.60	1.61	1.70	1.51	1.56	1.55	1.47	2.01	2.10	1.95	3.60**	22.05
MHHS Actual/Forecast	1.68	1.88	1.94	1.82	1.51	1.75	1.83	1.68	1.84	1.92	1.95	2.24	22.04
DCC Budget	1.20		2.50		2.50		3.80						10.00
DCC Act/Forecast***	0.11	0.56	0.01	0.27	0.41	1.43	1.60	0.21	0.60	0.73	0.40	1.53	7.86
Helix Budget	2.40	2.40	2.40	2.40	2.40	2.40	2.40	2.40	1.80	2.40	2.40	2.40	28.20
Helix Act/Forecast	1.89	2.18	2.29	2.02	2.28	2.20	2.36	2.60	1.98	2.60	2.60	2.60	27.60
RECCo Budget****	0.24	0.15	0.17	0.15	0.18	0.17	0.47	0.22	0.24	0.38	0.24	0.26	1.39
RECCo Act/Forecast	0.12	0.03	0.05	0.03	0.03	0.04	0.02	0.29	0.05	0.09	0.24	0.26	1.25
Total Budget	4.43	4.55	4.58	5.08	4.92	4.96	5.25	4.92	4.88	6.15	5.86	7.53	63.11
Total Act/Forecast	3.84	4.79	4.52	4.33	4.46	5.42	5.35	4.67	4.61	5.34	5.19	6.63	59.15

Please note:

- *Totals – totals are as provided by central parties. Please note rounding of individual months may result in the sum of individual months differing from the total provided by central parties
- **MHHS – includes contingency
- ***Note from DCC – figures amended from previous month to only reference costs incurred in this financial year
- ****RECCo – includes only 3rd party costs (does not include internal resources)

Central Party Finances – Colour Key
Actuals data

Workstream	Progress	Next steps		
		What	Owner	By When
Design	<p>Design queries</p> <ul style="list-style-type: none"> The volume of outstanding calls remains low but consistent Average response time in January for closed tickets remains at approx. 1wd Interim Release have been reduced in cadence to align with testing releases, IR7 now 31-Jan-24 IR8 3-Apr-24 A number of defect release have been issued but as agreed with FTIG IR5.4 will be the baseline design for entry into SIT functional 929 items recorded on the DIN log with >660 being deployed since the fast-track process started. <p>CR036 – Clock-time / UTC</p> <ul style="list-style-type: none"> The IPA decided in favour of keeping the design as published in IR7 on 31-Jan-24. There were several other recommendations within the response that are being taken forward. 	Continue to answer queries and monitor levels, the nature of the call is moving to testing and data related queries	MHHS	Ongoing
Testing	<p>Placing Reliance</p> <ul style="list-style-type: none"> SIT volunteers – Placing Reliance Proposals, with SIT Functional addendums re-issued for Programme and Code Bodies review. Review Completed 			
Testing	<p>Testing documentation in progress/published in last month:</p> <ul style="list-style-type: none"> SIT Functional Theme 8 achieved 21-Feb SITAG Approval (All Themes for SIT Functional Approved) SIT Migration Theme 1 (Forward Migration), Industry Consultation concluded SIT Migration Theme 2 (Reverse Migration), Industry Consultation SIT Non-Functional Test Approach and Plan, Industry Consultation 	<ul style="list-style-type: none"> Mar SITWG Mar SITAG Industry Consultation Industry Consultation 	<ul style="list-style-type: none"> MHHS MHHS SIT PP's SIT PP's 	<ul style="list-style-type: none"> 07-Mar-24 20-Mar-24 26-Mar-24 18-Mar-24
Testing	<p>Test Data</p> <ul style="list-style-type: none"> SIT Functional - St Clements processing data through MPRS SIT Functional - data sent to all PP's 	<ul style="list-style-type: none"> St Clements to finalise processing data through MPRS SIT Functional Participants to confirm data load 	<ul style="list-style-type: none"> STCL SIT PP's 	<ul style="list-style-type: none"> 01-Mar-24 01-Mar-24
Sims & Ems	<ul style="list-style-type: none"> Successfully delivered IR5.4 uplift to DIP Simulator on 9th February Continued working through clarifications, issues, and potential areas of risk for LDSO Test Harness with Qualification Team Commenced IR7 Uplift – currently on track to delivery by deadline (22nd March) 	<ul style="list-style-type: none"> Complete IR7 uplift Resolve risk areas and issues for LDSO Test Harness Progress 'Vertical Slice' phase of LDSO Test Harness development 	<ul style="list-style-type: none"> MHHS MHHS MHHS 	<ul style="list-style-type: none"> Mar-24 Mar-24 Mar-24
Transition	The updated version of the Data Cleanse Plan (v1.3) was approved by MCAG on 27 February 2024	N/A		
Transition	The Service Management Strategy (v0.3) was approved by MCAG on 7 February 2024	N/A		

FTIG meetings

- Focus of sessions has moved to SIT Func readiness
- Recent key topics:
 - Management of the completion of CIT
 - Secondary routing testing progress updates
 - Receipt of all SIT F test artefacts
 - Transparency on each cohort's & CCP's readiness
 - Management of the impact of data load for Data Services processes
 - Proposed gate closure timings for the "testing day"
- Continued good engagement from CCPs and PPs
- Open & transparent discussion on the above topics both in FTIG and in associated bilaterals
- Maintaining a weekly cadence with ~70 attendees

MHHS Programme
 IPA
 Avande (DIP)
 British Gas / Centrica
 BUUK Infrastructure
 C&C Group Holdings
 Callisto
 Data Communications Company (DCC)
 E (Gas and Electricity) Ltd
 EdF (metering services)
 E.ON Next Energy Limited
 E.ON UK Energy Solutions (metering services)
 Edgware Energy
 Electralink
 Elexon Central Systems (Helix)
 Energy Assets Ltd
 Ensek
 ESG
 IMServ
 Itron Metering Solutions (UK)
 Kraken Data Services
 Last Mile Electricity Ltd
 National Grid Electricity Distribution

National Grid ESO
 Npower Business Solutions
 Octopus
 Octopus Energy Services (metering services)
 OVO (metering services)
 Power Data Associates
 Rebel Energy
 RECCo
 SeaGlass
 SMS
 SSEN
 St Clements Services
 Stark
 TMA Data Management
 Tym Huckin Ltd
 Unify Energy
 Utilita
 Utiliteam
 Wheatley Solutions



Overall Status

- The Code Drafting Workstream is on track for M6 delivery in August 2024 and lower-level tier 3 milestones are all on track. M7 Delivery and M8 Implementation planning started.



February Summary

- Mop-Up 2 (BSC/REC) and Final Review sent for consultation
- DCUSA and Elexon Consequential Code Change sent for consultation
- M7 delivery and M8 implementation planning started
- Finalisation and consistency check planning started



March Deliverables

- Triage and action consultation comments
- Continue M7 and M8 planning

Mstn Ref	Drafting Milestones	Baseline date	Forecast date	Status
T2-RE-0100	Data Services approved at CCAG	24/05/23	24/05/23	Complete
T2-RE-0150	Metering Services approved at CCAG	24/05/23	24/05/23	Complete
T2-RE-0250	Registration approved at CCAG	23/08/23	23/08/23	Complete
T2-RE-0200	BSC Central Services approved at CCAG	27/09/23	27/09/23	Complete
T3-RE-0300	Governance, Migration and Qualification approved at CCAG	22/11/23	22/11/23	Complete
T3-RE-0350	Transition Text and Interfaces approved at CCAG	24/01/24	24/01/24	Complete
T3-RE-0500	Topic Area Mop Up approved at CCAG	22/05/24	22/05/24	Green
T3-RE-0500	Consequential Change approved at CCAG	22/05/24	22/05/24	Green
T3-RE-0550	Finalise and consistency check approved at CCAG	23/08/24	23/08/24	Green
T3-RE-0550	Code changes baselined (M6)	23/08/24	23/08/24	Green
T2-RE-0600	Significant Code Review Powers enabled (M7) Authority Decision	11/11/24	11/11/24	Green
T2-RE-0650	Code Change Go-live (M8)	07/03/25	07/03/25	Green

Governance group updates

Programme Steering Group (PSG)

PSG 07 February 2024

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

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

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

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

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

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

PSG papers available [here](#).

Design Advisory Group (DAG)

DAG 14 February 2024

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

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

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

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

DAG papers available [here](#).

Cross Code Advisory Group (CCAG)

CCAG 28 February 2024

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

CDWG Escalations: No escalations raised.

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

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

License Review: Consultation closed 13 March.

CCAG papers available [here](#).

*System Integration Testing Advisory Group (SITAG)

SITAG 21 February 2024

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

SIT Functional Theme 8: SRO approved SIT Functional Theme 8 Test Scenarios and Test Cases.

New Milestone Approach : SRO approved new milestone approval approach outlined in SITAG meeting papers.

All SIT Functional Test approach and plans MHHS Reviews Completed: SRO approved completed Programme milestone T3-DB-0139 subject to detailed actions.

SITAG papers available [here](#).

*Qualification Advisory Group (QAG)

QAG 22 February 2024

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

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

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

QAG papers available [here](#)

*Migration & Cutover Advisory Group (MCAG)

MCAG 27 February 2024

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

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

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

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

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

MCAG papers available [here](#).

Wider Programme Updates

Participant Checklist:

- 1.REMINDER: Change Request (CR043) issued for Impact Assessment – the deadline is Thursday 29 February 2024
 - 2.REMINDER: Qualification Assessment Document Consultation – the deadline is Friday 1 March 2024
 - 3.Systems Integration Testing (SIT) Migration Theme 2 Test Scenarios and Test Cases Industry Review - the deadline is Monday 4 March 2024
 - 4.Non-SIT Licensed Distribution System Operator (LDSO) Test Scenarios & Test Cases Review – the deadline is Friday 8 March 2024
 - 5.REMINDER: Code Topic Mop Up 2 Consultation – the deadline is Monday 11 March 2024
 - 6.REMINDER: MHHS Supply, Distribution & Transmission Licence Review Consultation – the deadline is Wednesday 13 March 2024
 - 7.REMINDER: Pre-Qualification Submission – the deadline is Friday 26 April 2024
 - 8.Data Integration Platform (DIP) Simulator 2.3 being stood down on 1 March 2024
 - 9.Design Interim Release 7.1 Artefacts coming next week
 - 10.Interface Code of Connection (CoCo) updated
 - 11.Systems Integration Testing (SIT) Migration Theme 1 Test Scenarios and Cases uplifted
 - 12.MHHS Service Management Strategy document approved
 - 13.Updated Data Cleanse Plan approved
- You can view the **Participant Checklist** on the respective **Planning pages** of the [Collaboration Base](#) and the [MHHS website](#).

Upcoming Governance Meetings:

- Thursday 29 February 2024:** Data Cleanse Working Group (DCWG)
- Thursday 29 February 2024:** Extraordinary Data Working Group (DWG)
- Friday 1 March 2024:** Security Design Working Group (SDWG)
- Friday 1 March 2024:** [Extraordinary Systems Integration Testing Advisory Group \(SITAG\)](#)
- Tuesday 5 March 2024:** Combined Environments and Qualification Working Group (EWG & QWG)
- Wednesday 6 March 2024:** [Programme Steering Group \(PSG\)](#)

Next MHHS Webinar: Our next webinar in the MHHS Webinar Series is at **10:30-11:30 on Thursday 7 March 2024** and focuses on the **Pre-Qualification Submission**. Please register for this webinar by [completing this enrolment form](#) by **17:00 on Wednesday 6 March 2024**.

MHHS Open Day: The next MHHS Open Day is on **Tuesday 23 April 2024** at **Elaxon's offices, 350 Euston Rd, London NW1 3AW**. There is also a virtual livestream option for participants to join the event.

Programme News:

Independent Programme Assurance (IPA) Recommendation on CR036 Appeal: On January 23, 2024, the IPA received an appeal from a participant constituency group regarding [Change Request CR036: Use of Clock Midnight for Appointments and Reads](#). After following the prescribed appeal process outlined in the [MHHS Programme Decision Appeal - IPA Assessment Approach and Criteria](#), the IPA reviewed relevant documents, meeting minutes, recordings, consulted stakeholders, and considered industry perspectives shared during the original CR036 review and approval process. Upon review, the IPA concluded that the evidence presented in the appeal did not justify overturning the original decision. Therefore, participants are advised to adhere to the original decision to approve CR036. Additionally, the IPA identified several areas for improvement in the change process, which have been communicated to the Programme for implementation. A comprehensive update, including an overview of IPA recommendations from the appeal review, will be presented at the Programme Steering Group (PSG) meeting on March 6, 2024.

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



Testing

- The PPC Team is working with the Testing Team on SIT Functional readiness planning and will be supporting on uplifting ADO and DITL documentation ahead of cohort rehearsals.
- The PPC Team continues to support the Testing Team with the coordination and publication of uplifts to the SIT Functional Theme 1-9 Test Scenarios and Test Cases. All content has now been approved.
- The PPC team is also supporting with the facilitation of the SIT Migration Review Workshops and will be managing the subsequent publication of Test Scenarios and Cases for industry review.
- **Next Steps:** Preparation of packs and documentation for SIT Functional readiness sessions.



Qualification

- Qualification FAQs published in the Knowledge Base on the Collaboration Base to support participant queries
- Significant increase in engagement in I&C, Small Supplier and Agent constituencies driven by the disengaged participant activity in collaboration the Code Bodies. This will be leveraged to support targeted communications for the Pre-Qualification Submission, driving engagement and completion of the submission
- Qualification Approach & Plan consultation completed (43 comment responses across constituencies), and the Qualification Assessment Document consultation has now been launched, closing 1 March. PPC to continue to support the Code Bodies with communications and engagement activities to support engagement with the Qualification deliverables.
- **Next Steps:** Finalise Qualification personas and pathways to develop and inform targeted participant communications to support delivery of Qualification activities.



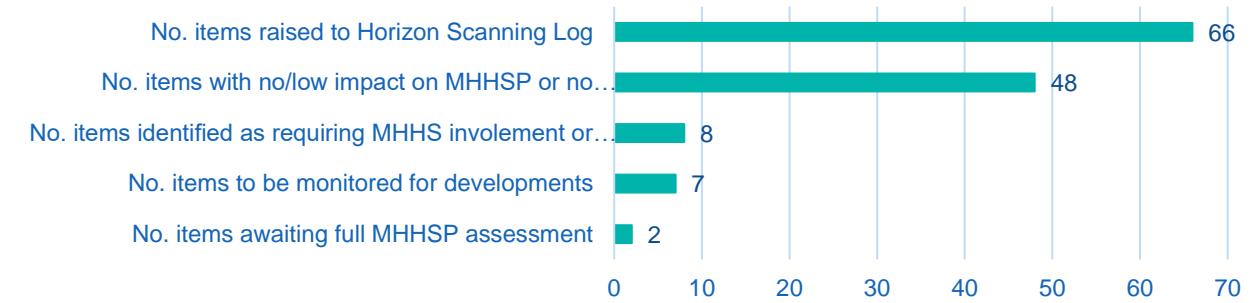
Targeted and Tailored Communications

- The PPC team are supporting the Code Bodies in a Pre-Qualification Submission (PQS) webinar on the 7th March.
- Planning / preparation has started for the Open Day on 23 April 2024 which will focus on Qualification.
- The final outstanding item of the Phase 2 of the Communications Channels action plan has been completed: the website search function. Planning for Phase 3 is underway – to include participant journeys and update to the Qualification information on communications channels.
- **Next steps:** Continue to support SIT Functional Readiness activities, communications and engagement where required.

Industry horizon scanning: Summarise items monitored via the Cross-Code Advisory Group (CCAG) horizon scanning process

Horizon scanning metrics

The following graph summarises items being monitored via the Programme's horizon scanning process

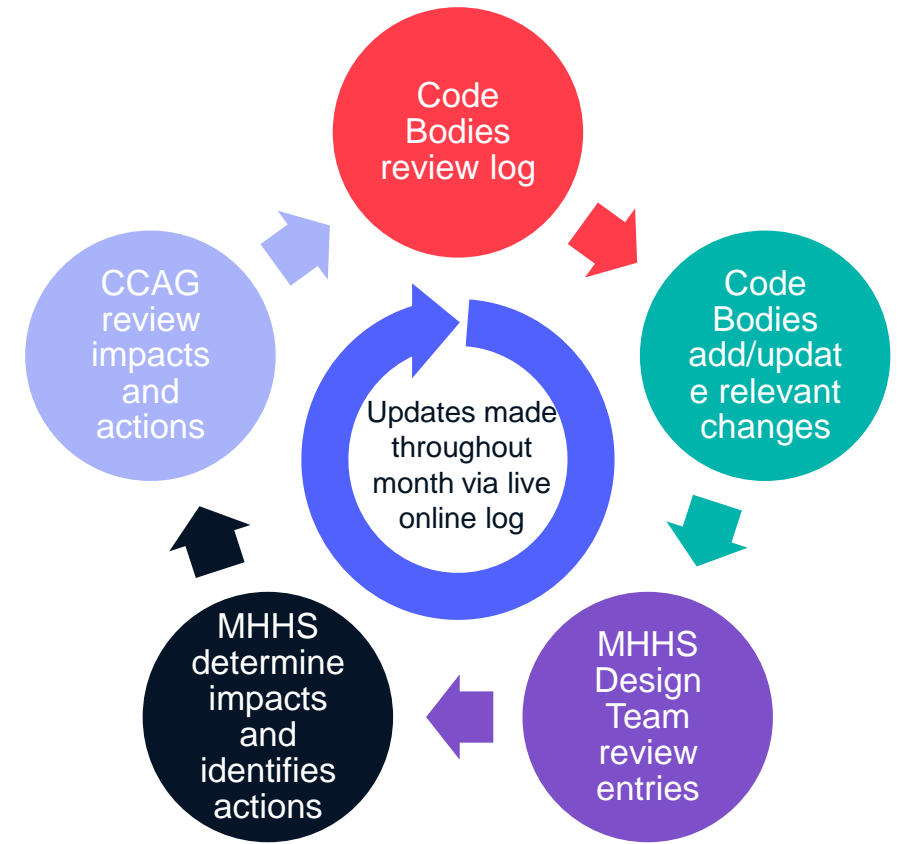


More information can be found via the [CCAG meeting papers](#)

Direct link: [MHHS-DEL387 CCAG Code Change Horizon Scanning Log v1.0](#)

- Industry code changes: 66** – REC: 34, BSC: 15, SEC: 5, DCUSA: 11, CUSC: 1
- Wider industry changes: 5** – HH opt-out, DUoS SCR, code review, microbusiness definition, licence change
- Criticality of horizon scanning items** – High: 11, Medium to High: 3, Medium: 3, Low/No impact: 48
- Top RAID linked items:**
 - **SEC MP162** (R0011, R0083, R0113, R0115, R0116, R051, R0182, R0191, D0076, D0077)
 - **REC R0032** (D0068, D0069) • **REC R0044** (D0055)

Horizon Scanning Process
The CCAG collaborate to populate the Horizon Scanning Log and the Programme undertakes impact assessment of each change. Where a change requires actions by the Programme beyond simple monitoring or initial definition, this is entered into the Programme RAID framework with an appropriate action plan and owner put in place.



Dashboard Objective: To provide PSG with a progress update on in-flight and future planned assurance activities.



Assurance Activities in Progress / Completed during month

Theme-Based Assurance

- **Ongoing Embedded Assurance Activities (WP1) - In Progress** - Monthly cadence of regular interactions with MHHSP. Reviewed change management strategy for the programme.
- **Design Documentation (WP4) - In Progress** - Continued monitoring of design updates/change requests through attendance at DAG and DRG, and review of supporting documentation.
- **Management of Separation Plan (WP5) - In Progress** - A review is underway to assess separation plan operating effectiveness and whether it remains fit-for-purpose for future phases.
- **Data Review (WP14)** - A review is underway to understand the strategy and approach to data activities across the end-to-end programme and whether they meet the Programme’s objectives.
- **DBT2 Risk Assessment (WP1)** - assess the risks associated with DBT2 delivery to inform what additional assurance activities may be required.

Stage-Based Assurance

- **Test Assurance (WP9) “Period 5 (P5)” - In progress** - Ongoing assurance activities are being performed during SIT CIT. We have been working closely with the SI team, providing real time assurance and recommendations to the Programme.
- **Qualification (WP12) - In Progress** - Continue to monitor progress on the approach to Qualification, identifying risks and recommendations where appropriate.



Upcoming Assurance Activities

- **SIT Functional Readiness (WP9/10/11)** - Assurance sessions with core capability providers and cohorts in readiness for SIT Functional.



Assurance Action Status

Overall, 128 actions are agreed with the Programme team or Participants to date.



- 116 are **completed**
- 12 are **in progress**, out of which :

6 are overdue by >3 months	3 are overdue by 1-3 months	3 are overdue by <1 month
----------------------------	-----------------------------	---------------------------

Below is the trend of actions opened and completed within the last period.

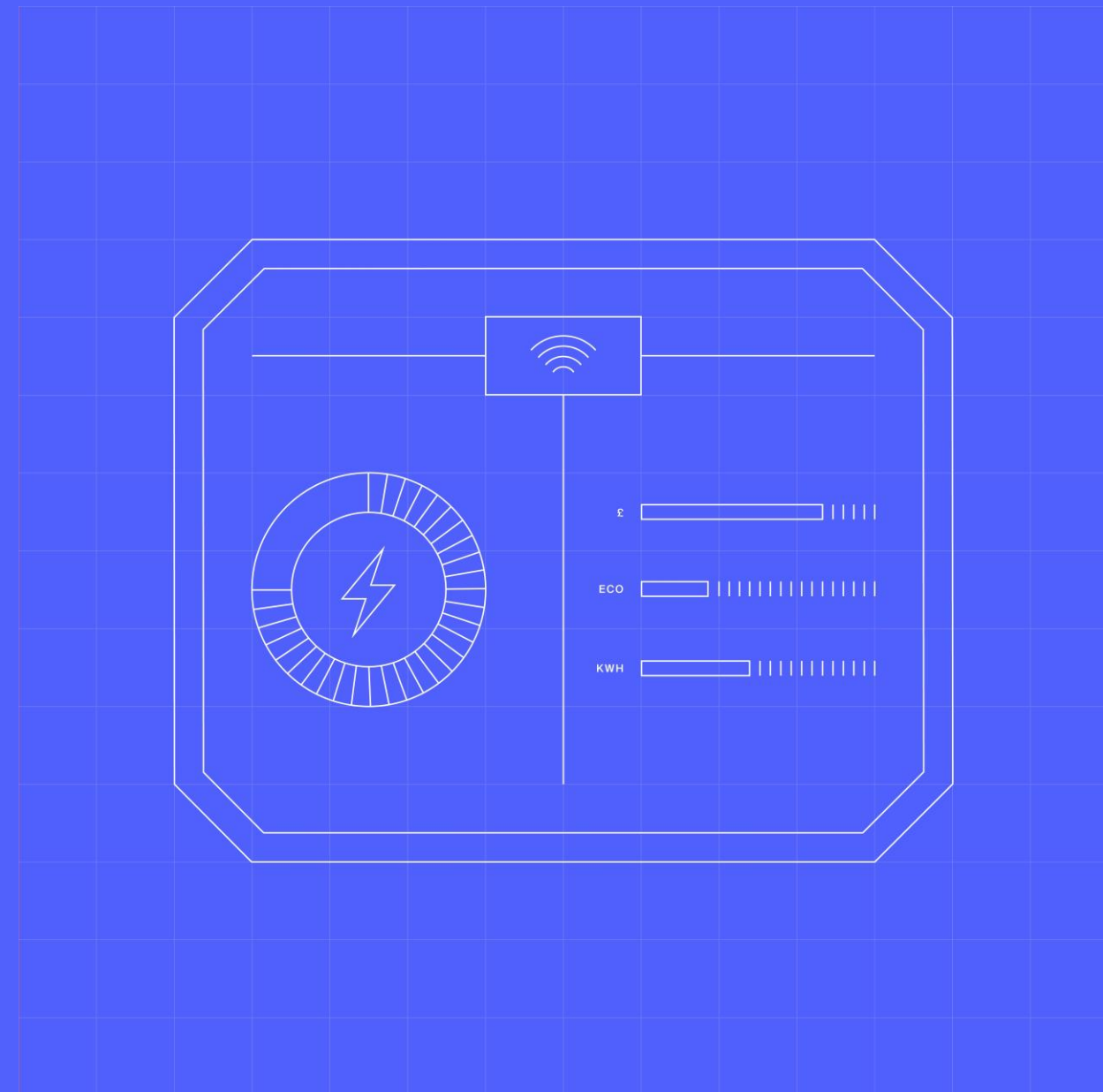
New actions opened	0
Actions completed	22

Summary and Next Steps

INFORMATION: Summarise actions and decisions.
Look ahead to next meeting

Chair and Secretariat

5 mins



Summary and next steps

1. Confirm actions and decisions from meeting
2. Next PSG meeting: **03 April 2024 10:00 – 12:30** (virtual)
3. MHHS Open Day: 23 April 2024 [further info on agenda – key themes]

06 March 2024 agenda items

- Qualification Testing
- Testing Updates
- Migration Updates

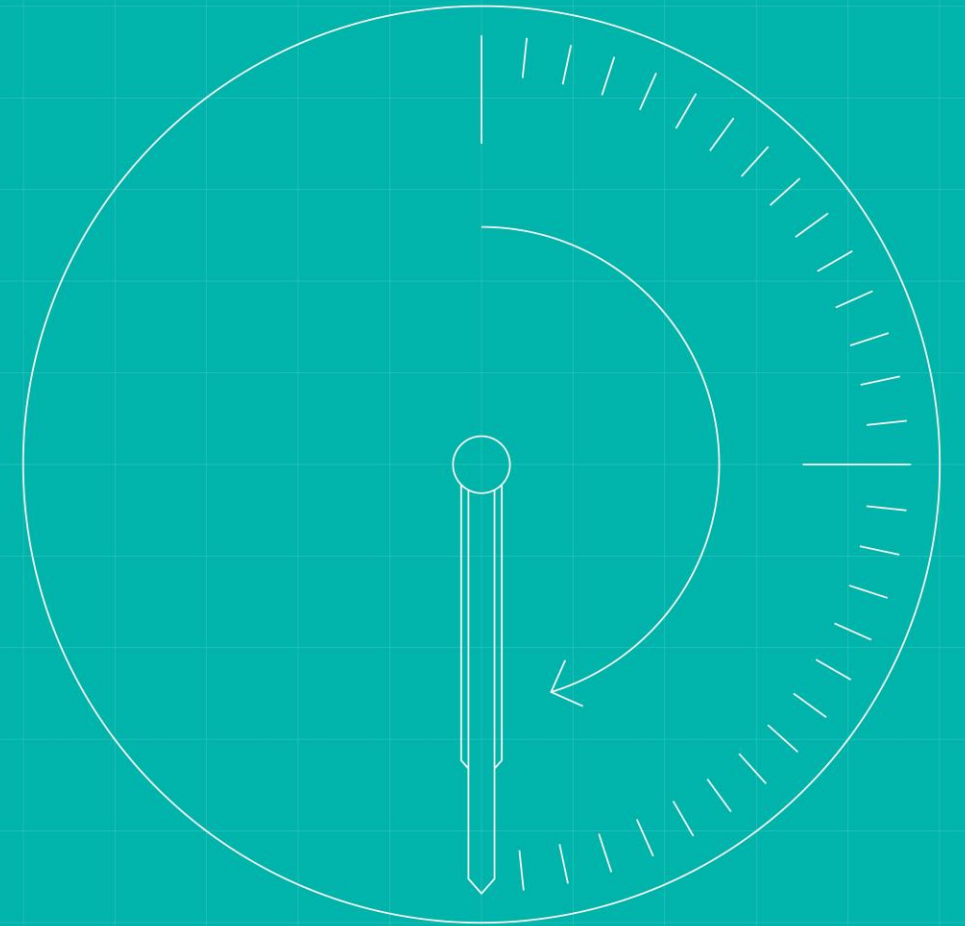
Standing items

- Minutes and action review
 - Sponsor update
 - Programme reporting
 - Delivery dashboards
 - Summary and next steps
-

If you would like to propose an agenda item for the PSG, please contact the PMO at PMO@mhhsprogramme.co.uk

Thank you

Appendix



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