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# Programme Steering Group #31

## 03 April 2024

# Agenda

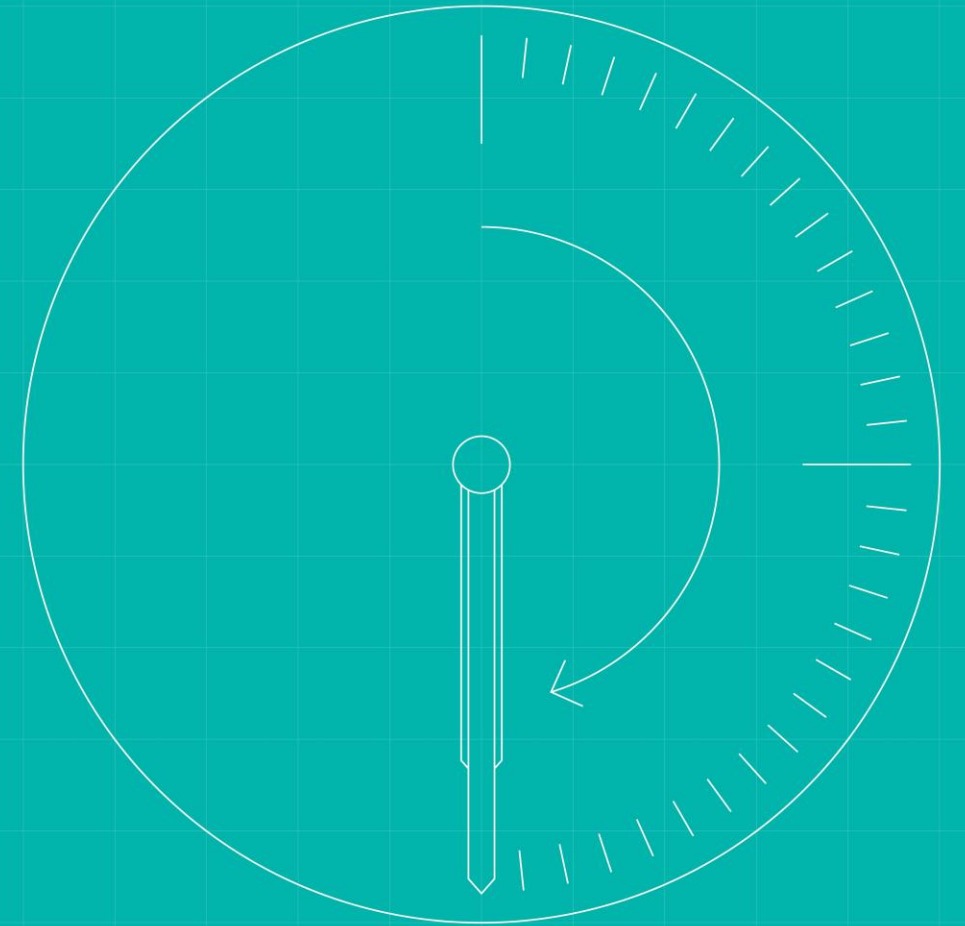
#	Item	Objective	Type	Lead(s)	Time	Page
1	Welcome		-	Chair	10:00-10:05 5 mins	1
2	Minutes and Actions	Approve headline report of previous meeting and review actions	Decision	Chair & Secretariat	10:05-10:15 10 mins	3
3	Qualification Testing Updates	Updates on Qualification Testing from the Programme and Elexon	Information	Elexon (Laura Kennedy), & Programme (Nicola Farley)	10:15-10:25 10 mins	6
4	Migration Update	Programme updates on Migration plan and progress	Information	Programme (Warren Fulton)	10:25-10:35 10 mins	12
5	Programme Reporting	Updates from the Programme on System Integration Testing (SIT)	Information	Programme (Adrian Page)	10:35-10:45 10 mins	14
6	Decision Appeal: Lessons Learned	IPA overview of lessons learned and recommendations on decision appeals	Information	IPA (Richard Shilton)	10:45-10:55 10 mins	18
7	Delivery Dashboards	Questions from PSG members on delivery dashboard content	Information	Chair	10:55-11:05 15 mins	20
8	Summary and Next Steps	Summarise actions and decisions, and look ahead to next meeting	Information	Chair & Secretariat	11:05-11:10 5 mins	55
	Appendix	New Advisory Groups Update				

# Minutes and Actions

**DECISION:** Approve minutes and review actions

*Chair & Secretariat*

*10 mins*



## Minutes and Actions (1 of 2)

1. Approval of [PSG 06 March 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.
PSG28-01	Elxon to provide detailed update on the progression of the Settlement Analysis Scoping Working Group (SASWG) outputs.	Elxon (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.
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	RECOMMEND CLOSED: See agenda item 6. Lessons learned, and process clarifications / enhancements provided.
PSG30-01	Code Bodies to provide status indicator alongside future updates on qualification activities	Elxon & RECCo	03/04/2024	RECOMMEND CLOSED: . See agenda item 3Status indicator provided. Full update on new qualification milestones and dates proposed in Programme Change Requests 047 & 048 to be provided at April PSG.
PSG30-02	Programme to provide updates on Secondary Routing to the Fast Track Implementation Group	Programme (Adrian Page)	03/04/2024	RECOMMEND CLOSED: Updates provided to FTIG. Further regular updates to be provided to FTIG as required.

## Minutes and Actions (2 of 2)

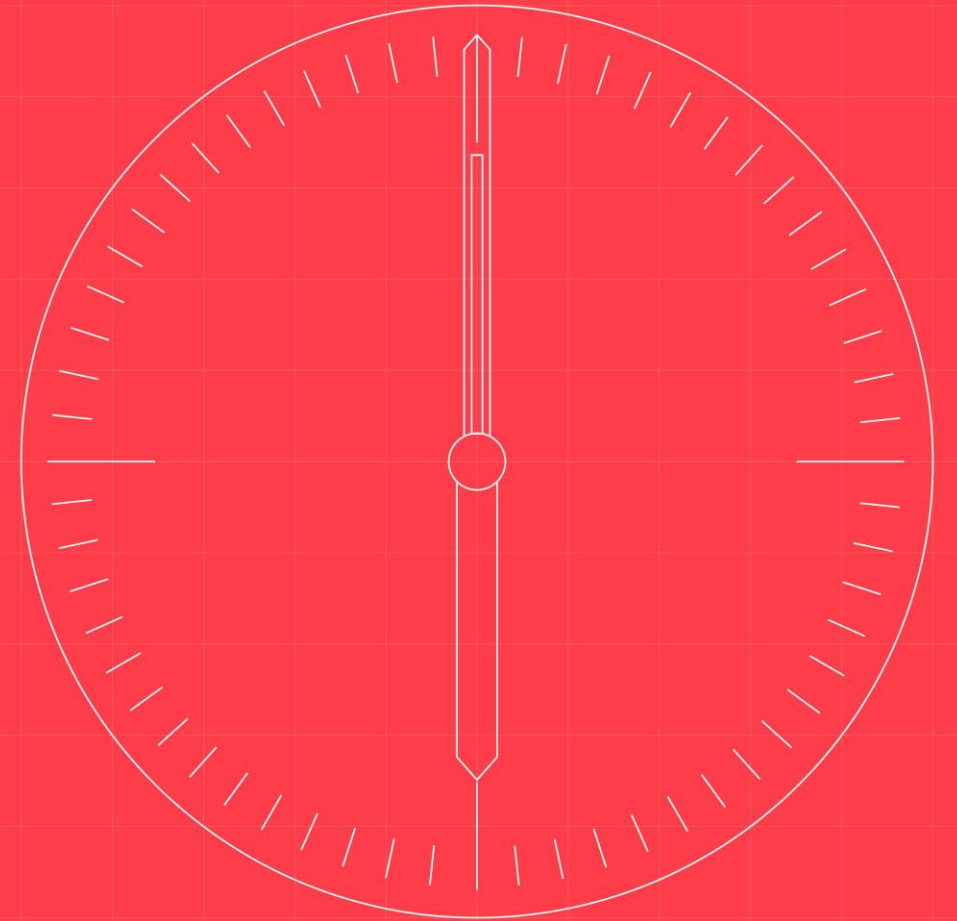
Ref	Action	Owner	Due	Latest Update
PSG30-03	Programme to consider whether membership of Programme Change Board should be expanded to include constituency representation	Programme (PMO)	03/04/2024	RECOMMEND CLOSED: The programme would propose to keep the Change Board internal this helps to maintain efficiency and ensure engagement had with industry participants are not, in large, replicated at the Change Board. IPA attend each meeting to ensure the process and decision-making is being made in accordance with the governance framework. The change raiser is invited as an external participant to present their change request and will be asked to provide an overview of the level of engagement with industry at that point. The industry webinar provides PPs a direct line into the Programme and Change Raiser to ask any questions they may have, or seek clarification. This position is aligned with the MHHS Governance Framework section 3.2 regarding ensuring the Programme governance structure is ' <i>efficient and streamlined...including supporting rapid decision-making...</i> '.
PSG30-04	Programme to map Change Request scenarios to understand the types of changes which may arise and their suitability for ratification by the PSG	Programme (PMO)	03/04/2024	RECOMMEND CLOSED: The updated Change Control process, which will be published as part of the Programme Change Request to update the Change Control documentation, will include a Change Request development stage, in which Change Raisers are guided to the appropriate Advisory and Working Groups, to ensure that the necessary SMEs are included in the drafting and submission of a Change Request, ahead of its approval via the Change Board and PSG.
PSG30-05	Ofgem to advise whether changes to the Change Control Approach require Ofgem approval	Ofgem	03/04/2024	RECOMMEND CLOSED: Update to be provided in meeting.
PSG30-06	Programme to consider whether a more frequent PSG should be scheduled for the ratification of Programme Change Requests, to assist timely progression	Programme (PMO)	03/04/2024	RECOMMEND CLOSED: Due to the Programme Change Freeze, it should not be necessary to schedule more regular PSG meetings for the ratification of Change Request approval decisions. If a Change Request requires an expedited decision, an extraordinary PSG can be called.
PSG30-07	Programme to ensure Core Capability Provider risks and issues provided in Delivery Dashboards are discussed in bilateral account management meetings	Programme	03/04/2024	RECOMMEND CLOSED: Discussion of risks and issues are undertaken as part of regular account management meetings. Additionally, Programme account managers review Delivery Dashboards on receipt and raise queries as required.

# Qualification Testing Updates

**INFORMATION:** Updates on Qualification Testing from the Programme and Elexon

*Elexon (Laura Kennedy),  
& Programme (Nicola Farley)*

*10 mins*



## **Overall Qualification:**

- Qualification Approach & Plan v2 including Annex 1 and 4 approved at QAG
- Qualification Approach & Plan v2 including Annex 1 and 4 being presented at BSC and REC PAB for approval
- Version 1 of the Qualification Assessment Document being presented at BSC and REC PAB for approval
- CR47 and CR48 to realign baselined Programme Plan to working plan for Qualification (incl. Non-SIT LDSO)
- Preparation underway for the Open Day on 23/04.

## **Non-SIT Supplier & Agent Qualification:**

- Qualification Approach & Plan Annex 2 Non-SIT Supplier & Agent Test Approach out for consultation (closes 5/4)
- Initial Batch of Non-SIT Supplier & Agent QT Test Scenarios out for consultation (closes 5/4) and walkthrough held (25/03).
- Three Pre-Qualification Submission support sessions have been scheduled to allow Non-SIT Suppliers, Agents and new entrant iDNOs (that expect to enter the market after M10) to ask any questions related to their PQS ahead of the deadline of 26/04.

## **Non-SIT LDSO Qualification:**

- Session to discuss high level QT test scope have started to take place with individual LDSO. All sessions should be completed by mid-April.
- Non-SIT LDSO QT Test Data Plan due out for consultation on 28 March.

## Qualification Deliverable milestones - 2024

Milestone ID	Task Name	Baseline Date in Programme Plan	Date as per CR48*	Status
T3-QU-0063	Functional Testing elements of Qualification Approach & Plan v2 approved by REC Manager & BSC PAB	31/10/2023	28/03/2024	Qualification Approach & Plan v2 approved at March QAG. Being presented at REC PAB and BSC PAB for approval w/c 25/03.
T3-QU-0064	Migration Testing elements of Qualification Approach & Plan v2 approved by REC PAB & BSC PAB	06/03/2024	28/03/2024	Qualification Approach & Plan v2 approved at March QAG. Being presented at REC PAB and BSC PAB for approval w/c 25/03.
T3-QU-0066	Qualification Assessment Document v1 approved by REC PAB and BSC PAB	16/04/2024	28/03/2024	Qualification Assessment Document v1 approved at March QAG. Being presented at REC PAB and BSC PAB for approval w/c 25/03.
T3-QU-0065	Non-Functional Testing elements of Qualification Approach & Plan v3 approved by REC PAB & BSC PAB	30/05/2024	27/06/2024	On track, update to be completed once SIT Non-Functional Approach and Plan published.
T3-QU-0068	Operational Testing elements of Qualification Approach & Plan v4 approved by REC PAB & BSC PAB	14/08/2024	29/08/2024	On track, update to be completed once SIT Operational Approach and Plan published.
T3-QU-0062	Final Qualification Approach & Plan v4 approved by REC PAB & BSC PAB	14/08/2024	29/08/2024	On track.
T3-QU-0067	Qualification Assessment Document v2 approved by REC PAB and BSC PAB	25/10/2024	29/08/2024	At risk of slippage due to dependency on SIT Non-Functional and Operational Test Scenarios and Test Cases.



## Qualification Wave (Non-SIT Suppliers and Agents) milestones - 2024

Milestone ID	Task Name	Baseline Date in Programme Plan	Date as per CR48*	Status
T3 TBC	Pre-Qualification Submission and PIT Test Plan Deadline for Submission	New	26/04/2024	On track, Qualification Wave Participants due to submit PQS by 26/04/24. Webinar held and drop in sessions set up to support completion, alongside update of PIT Guidance.
T3-QU-0012	Confirmation of participant Qualification Wave allocation	08/06/2024	28/06/2024	On track, dependency on PQS being received from Qualification Wave Participants by 26/04.
T3-QU-0017	Qualification Wave 1 Participants' have started DIP Onboarding	04/11/2024	01/11/2024	On track
T3 TBC	Qualification Wave 1 Participants to provide status of PIT completion and submit QT Test Plan	New	29/11/2024	New milestone added to support participant planning.
T3 TBC	Qualification Wave 1 Participants have submitted PIT Test Completion Report and evidence for QT Entry	New	20/12/2024	New milestone added to support participant planning.
T3-QU-0016	Qualification Test Plans for Wave 1 Participants approved	04/11/2024	20/12/2024	On track.
T3 TBC	Qualification Wave 1 Participants have submitted their Initial QAD	New	20/12/2024	New milestone added to support participant planning.

## Qualification Non-SIT LDSO QT milestones – 2024 (1/2)

Milestone ID	Task Name	Baseline Date in Programme Plan	Date as per CR47*	Status
T3-QU-0011	Confirmation of participants for Non-SIT LDSO Qualification Testing	15/02/24	18/04/2024	Milestone approved at March's QAG
T3	Non-SIT LDSO QT Test Data Plan Approved by QAG	New	26/04/2024	Non-SIT LDSO QT Test Data Plan due to be sent for consultation w/c 25 March. Approval likely to be May QAG rather than April to allow for time to respond to consultation feedback.
T3	Non-SIT LDSO submission of PIT Approach and Plan (functional and migration)	New	26/04/2024	Update PIT guidance shared and additional session to be scheduled.
T3	Non-SIT LDSO submission of PIT Approach and Plan (non-functional and operational)	New	14/06/2024	Annex 1 to be updated with non-functional and scheduled to be issued for consultation in April.
T3	Batch 1-3 Non-SIT LDSO QT Functional Test Scenarios and Test Cases approved	New	18/04/2024	LDSOs have submitted feedback on Batch 1 and Batch 2 of the test scenarios and test cases. This feedback is being incorporated. Batch 3 has been reviewed with Code Bodies and with LDSO review held 28 March.
T3	Non-SIT LDOS QT Non-Functional, Operational and Migration Test Scenarios and Test Cases approved	New	18/07/2024	Annex 1 to be updated with non-functional and scheduled to be issued for consultation in April.
T3	Non- SIT LDSO submission deadline for final PIT Test Completion Report (Non-Functional and Operational and agreed functional scope)	New	30/09/2024	New milestone added to support participant planning

## Qualification Non-SIT LDSO QT milestones – 2024 (2/2)

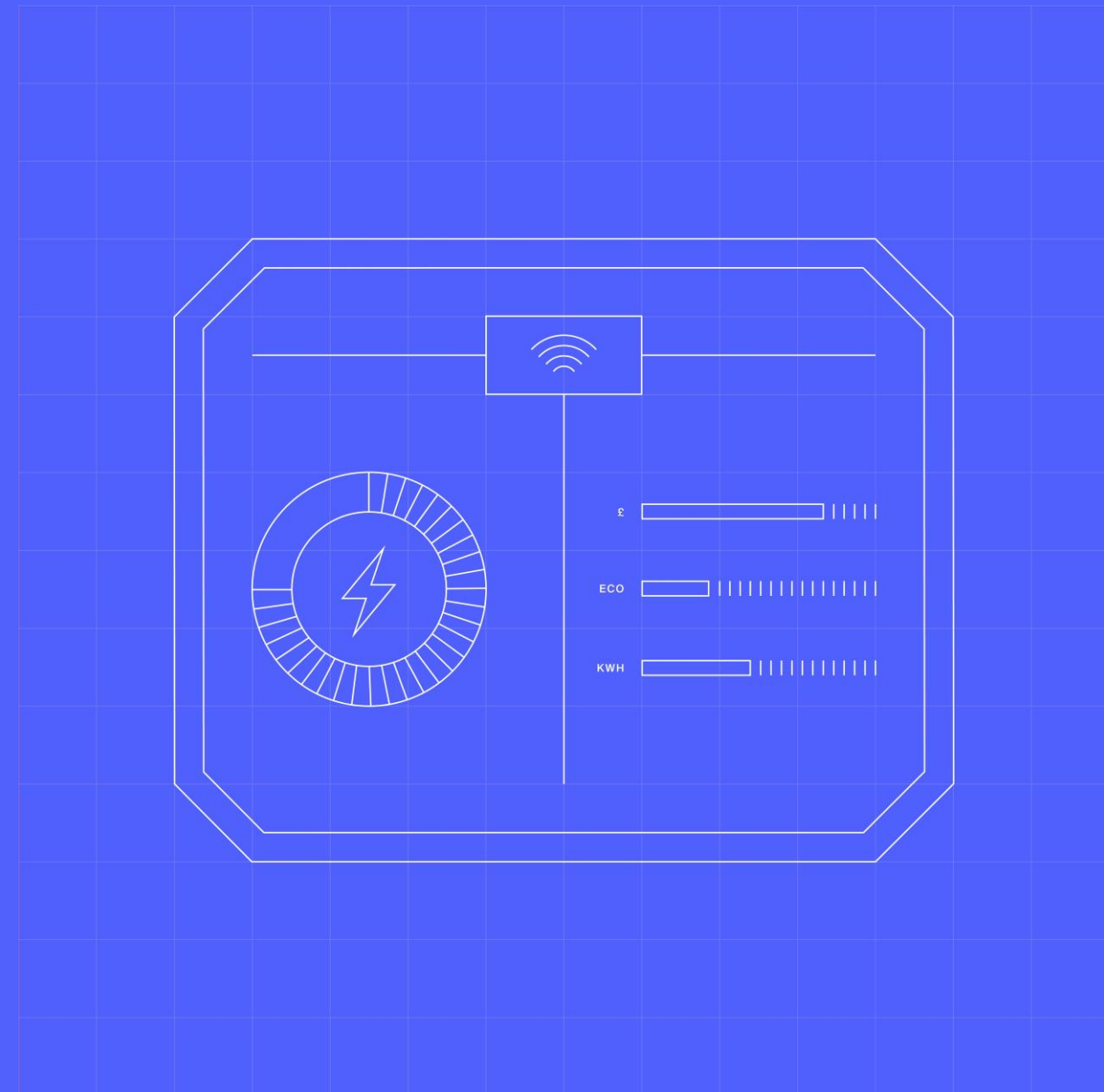
Milestone ID	Task Name	Baseline Date in Programme Plan	Date as per CR47*	Status
T3-QU-0008	Qualification Testing for Non-SIT LDSOs (Functional, Migration, NFT, Operational) Test execution schedule approved	15/05/2024	15/08/2024	Tracking red against programme plan baseline. Tracking green against new plan dates (CR47).
T3-QU-0009	Qualification Testing for Non-SIT LDSOs Participants' environments )Ready to start DIP onboarding (incl. certificates and security compliance)	15/05/2024	05/08/2024	Tracking red against programme plan baseline. Tracking green against new plan dates (CR47).
T3 TBC	MHHSP/Code Bodies approval of non-SIT LDSO QT participants test plans	New	20/06/2024	On track – conversations ongoing on high level test scope
T3-QU-0007	Qualification Testing for Non-SIT LDSOs (Functional, Migration, NFT, Operational) Programme Test Readiness confirmed	24/07/2024	30/09/2024	Tracking red against programme plan baseline. Tracking green against new plan dates (CR47).
T3 TBC	Non-SIT LDSO QT participant Test Environments connection confirmed to UIT environment	New	18/09/2024	On track
T2 TBC	Non-SIT LDSOs Qualification Testing Participants (Functional, Migration, NFT, Operational) Test Readiness confirmed (Final Test Readiness Review for LDSO)	New	30/09/2024	On track
T3 TBC	Non-SIT LDSO QT Participants have submitted their initial QAD	New	10/10/2024	On track
T3 TBC	Non-SIT LDSOs submission deadline for their QT Test Completion Report to MHHs Programme	New	20/12/2024	On track
T3-QU-0010	Qualification Testing for Non-SIT LDSOs (Functional, Migration, NFT, Operational) 1 End	24/01/2025	24/01/2025	On track

# Migration Update

**INFORMATION:** Programme updates on Migration plan

*Programme (Warren Fulton)*

*10 mins*



## Migration Framework consultation

- Consultation 1 was issued on 18 March 2024
- The schedule for Consultation 2 will be shared at the April 2024 MCAG meeting

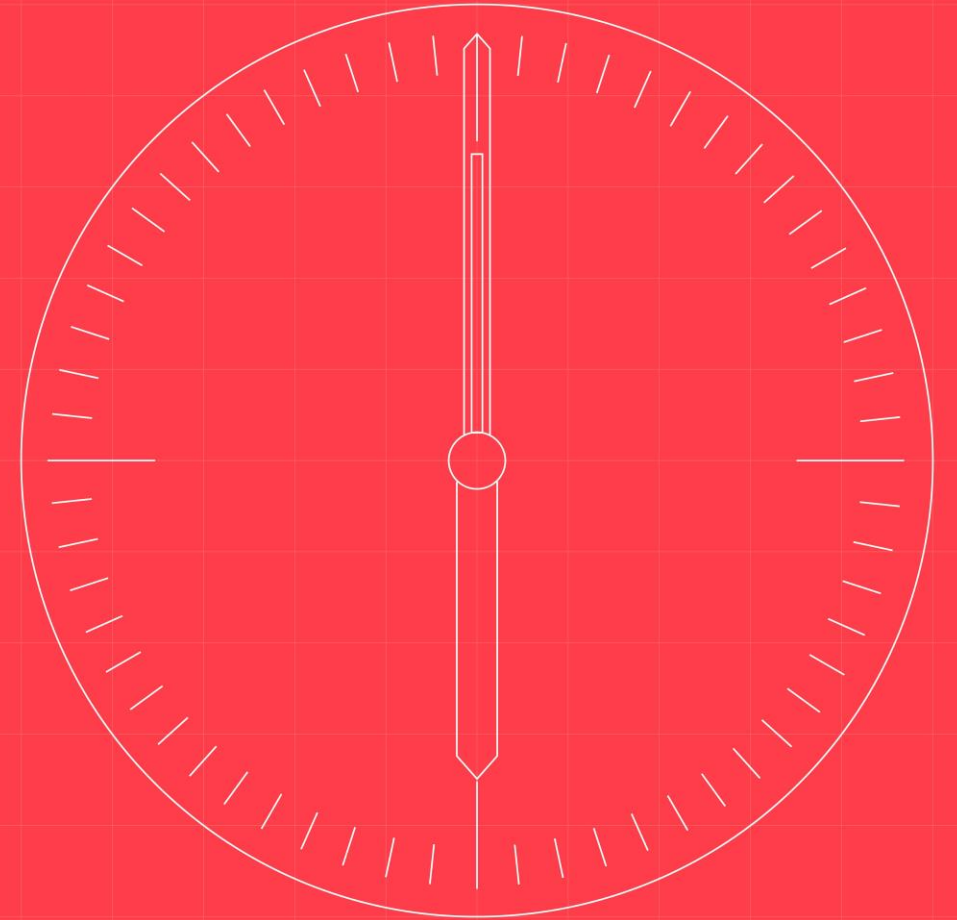
Consultation	Areas covered	Consultation start	Consultation end	Issue comment responses and updated artefacts	Assurance meeting	Target MCAG approval
1	Principles, processes, controls, roles, responsibilities and decision-making authority required for: <ul style="list-style-type: none"> <li>• Developing and initialising the Migration Schedule</li> <li>• Maintaining the Migration Schedule</li> </ul>	18 Mar 2024	8 Apr 2024	19 Apr 2024	26 Apr 2024	8 May 2024
2	Principles, processes, controls, roles, responsibilities and decision-making authority required for: <ul style="list-style-type: none"> <li>• Controlling and monitoring Migration Execution</li> <li>• Managing unused capacity allocation</li> <li>• Managing data analytics and reporting</li> <li>• Closing-down Migration</li> </ul>	Q2 2024	TBC	TBC	TBC	TBC
3	Contingency	TBC	TBC	TBC	TBC	TBC

# Programme Reporting

**INFORMATION:** Updates from the Programme on System Integration Testing (SIT)

*Programme (Adrian Page)*

*10 mins*



### CIT

- Overall Programme CIT Completion report approved at SITAG 11-Mar
- Programme witnessed secondary routing and performed confidence tests (pre SIT Functional start). Update provided to FTIG on testing performed – no queries raised

### SIT Functional

- Cycle 1 test execution commenced as forecast 11-Mar-24 for 4 cohorts, 2 further cohorts started later that week and remaining 2 cohorts started 25-Mar
- Only remaining SIT Functional preparation work off items are the agreed, late start of some PPs – monitored at FTIG; cohorts progress is not impacted provided these dates are met
- Progress is steady - as expected given uplift from IR2 to IR5
- MI reporting being provided to Cohorts (PPs + CCPs) - summary on subsequent slide
- Cycle 2 inc Settlement testing readiness in progress (starts 10-Jun) - note change to SIT environments agreed with FTIG and data requirements being agreed with DWG (04-Apr)

### SIT Migration

- Starts 10-Jun-24 on IR7.1 in SITA environment
- Some PP test artefacts overdue – parties chased and flagged at FTIG
- Test Scenarios - theme 1 approved at SITAG 20-Mar-24, Theme 2 & 3 on track for April SITAG approval
- Data under development, data load plan to be communicated at next DWG (04-Apr)
- Placing Reliance submission required by 10-Apr
- PIT completion 10-May

### Other SIT Stages

- Non-Functional - Approach & Plan issued for consultation 18-Mar-24, Data Approach & Plans to be issued 26-Mar-24. Test Scenarios and cases development approach in progress
- Operational – Approach & Plans (inc Data) being issued for consultation 27-Mar-24. Test Scenarios and cases development approach in progress

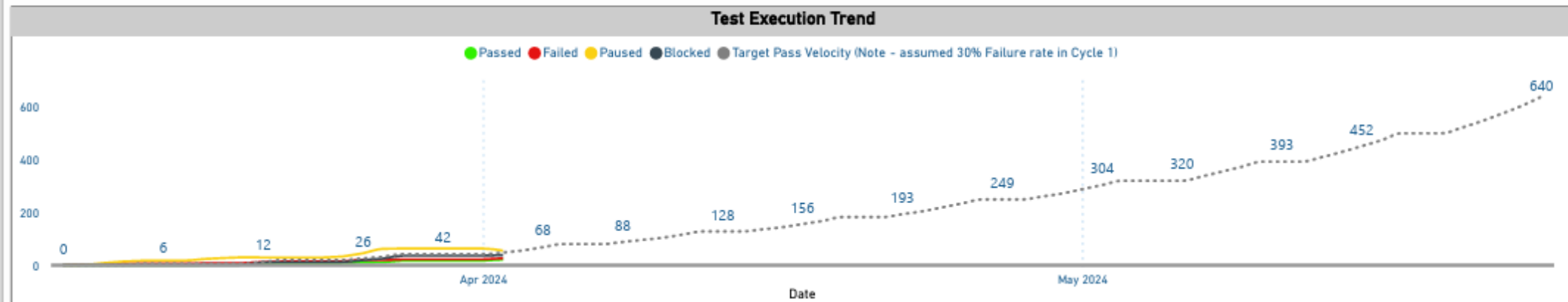
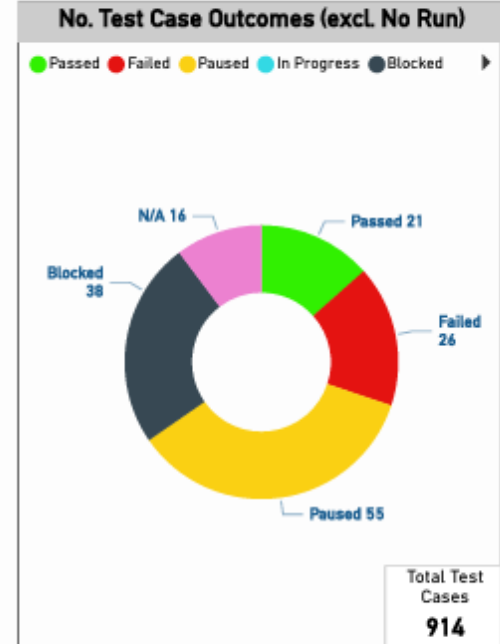
# SIT Functional Status Summary (report published 03-Apr-2024, testing to 02-Apr-2024)



## All Cohorts Test Summary Report

Date  
02/04/2024

Cohort	Total	To Be Executed	Total Executed	Passed	Failed	In Progress	Paused	Blocked	N/A	Total Executed %	Passed %	Failed %	Paused %	N/A %
SITF Cohort A	109	78	31	6	8	0	9	8	0	28%	6%	7%	8%	0%
SITF Cohort B	87	69	18	1	3	0	8	2	4	21%	1%	3%	9%	5%
SITF Cohort C	89	70	19	6	1	0	3	9	0	21%	7%	1%	3%	0%
SITF Cohort E	87	76	11	0	1	0	4	2	4	13%	0%	1%	5%	5%
SITF Cohort F	87	79	8	1	1	0	6	0	0	9%	1%	1%	7%	0%
SITF Cohort G	109	92	17	1	1	0	9	2	4	16%	1%	1%	8%	4%
SITF Cohort H	87	68	19	0	3	0	4	8	4	22%	0%	3%	5%	5%
SITF Cohort J	109	85	24	6	7	0	8	3	0	22%	6%	6%	7%	0%
SITF Shared Cohort A and C	37	33	4	0	0	0	2	2	0	11%	0%	0%	5%	0%
SITF Shared Cohort A, G and J	4	4	0	0	0	0	0	0	0	0%	0%	0%	0%	0%
SITF Shared Cohort B and E	35	35	0	0	0	0	0	0	0	0%	0%	0%	0%	0%
SITF Shared Cohort F and J	37	37	0	0	0	0	0	0	0	0%	0%	0%	0%	0%
SITF Shared Cohort G and H	37	32	5	0	1	0	2	2	0	14%	0%	3%	5%	0%
<b>Total</b>	<b>914</b>	<b>758</b>	<b>156</b>	<b>21</b>	<b>26</b>	<b>0</b>	<b>55</b>	<b>38</b>	<b>16</b>	<b>17%</b>	<b>2%</b>	<b>3%</b>	<b>6%</b>	<b>2%</b>



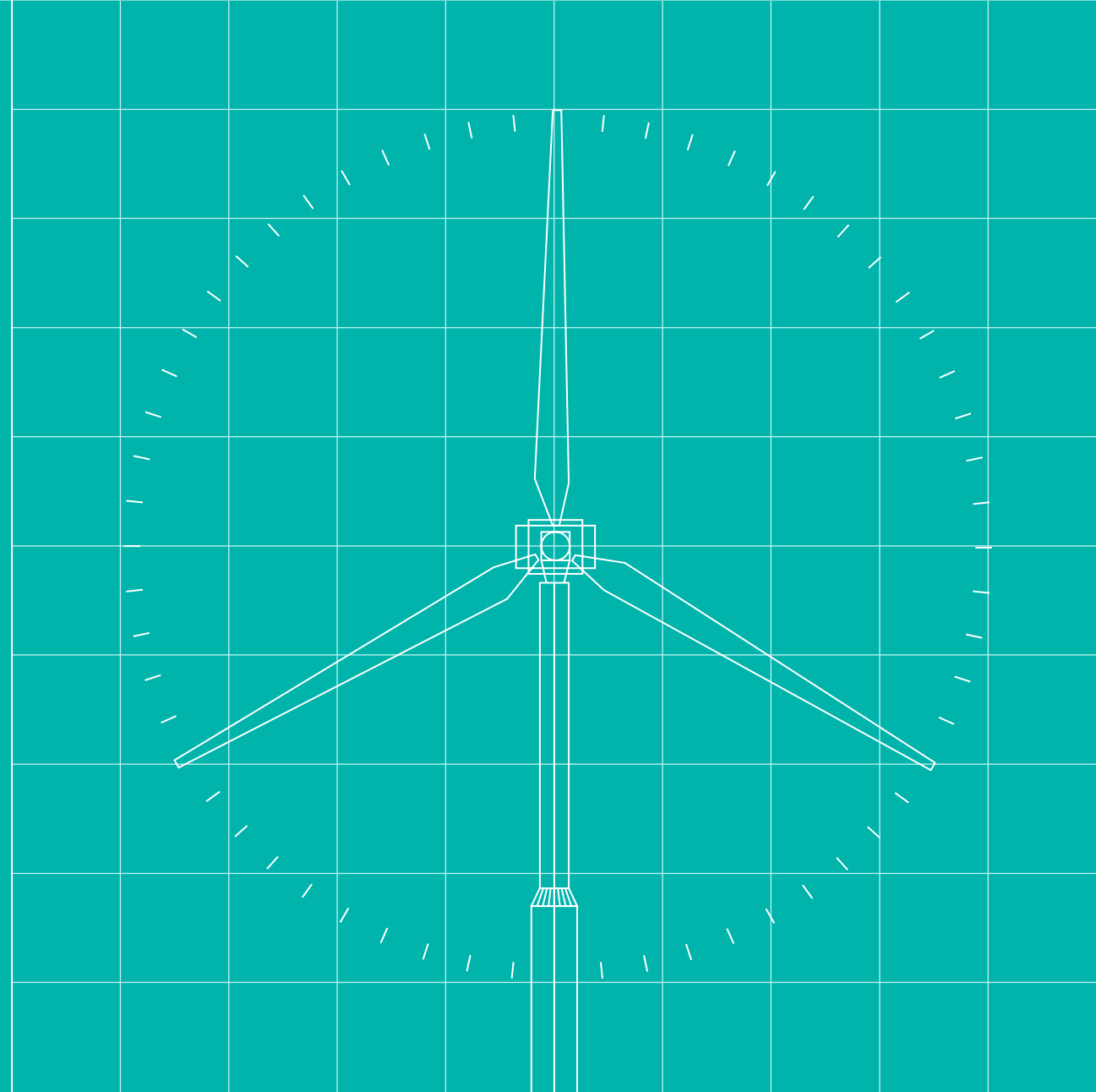


# Decision Appeal: Lessons Learned

## INFORMATION:

*IPA (Richard Shilton)*

*10 mins*



Following the first use of the Decision Appeal process, the **IPA has conducted a lessons learned exercise** over the process and identified and number of clarifications/enhancements. Following review at PSG, the next step will be to update the decision appeal process accordingly.

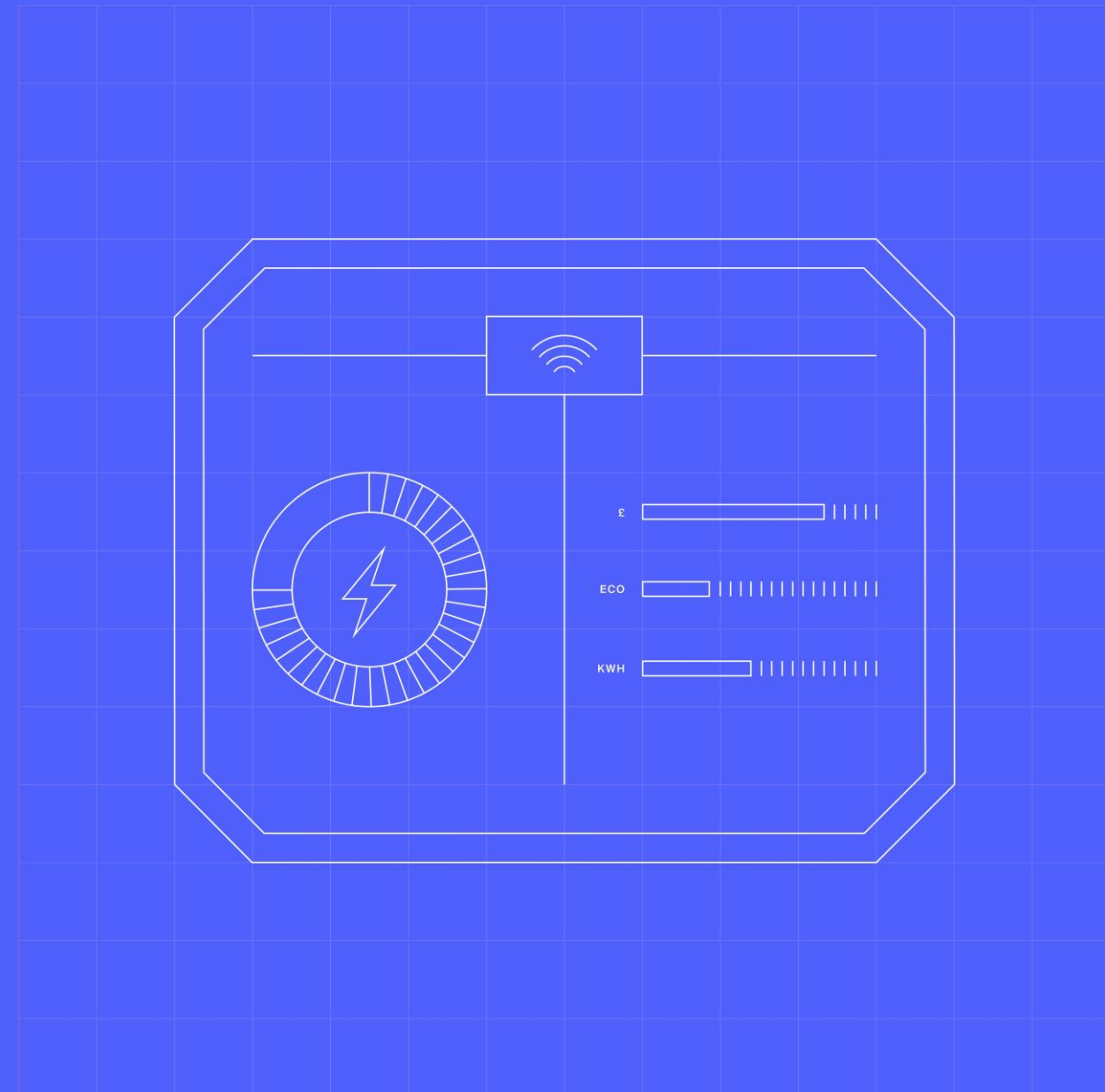
	Lessons Learned	Process Clarifications / Enhancements
Appeal initiation	Every effort should be made to resolve the issue through programme governance and an appeal to the IPA should be viewed as a mechanism of last resort	<ul style="list-style-type: none"> <li>Issues should be escalated through <b>Programme governance</b>, as appropriate, prior to an appeal being raised with the IPA</li> <li>IPA to <b>triage the appeal submission</b> on receipt to validate there are sufficient grounds (and evidence) for raising the appeal before initiating the review</li> </ul>
Timeliness	A rapid decision is crucial to remove any delivery uncertainty for industry and limit the risk of delay to the Programme.	<ul style="list-style-type: none"> <li><b>2 week window</b> to raise <u>any</u> appeals over a decision following ratification of the the original decision through Programme Governance</li> <li>The IPA to provide an <b>indicative decision</b> at the earliest opportunity with fuller details and rationale to follow once finalised</li> </ul>
Transparency and Decision Making	Greater transparency is required by Participants to enable them to understand any impacts and clarity is required on the decision making process following our appeal.	<ul style="list-style-type: none"> <li>On receipt of an appeal, <b>IPA will inform PSG</b> that it has been received and the timeline for completing review, Details of the appeal will be shared, as agreed with the appeal raiser, taking into account any confidentiality considerations</li> <li>The IPA will clearly set out the <b>rationale for their recommendation</b> and share this with PSG/industry accordingly</li> <li>Our recommendation will be provided to the <b>SRO for decision or to Ofgem</b> if decision breaches the prescribed Ofgem thresholds</li> </ul>
Industry engagement	Where a recommendation from a decision may impact other Participants this needs to be considered and discussed accordingly	<ul style="list-style-type: none"> <li>On initial receipt of a decision appeal, <b>convene a small industry representative group</b> to identify which Participants may be impacted by the decision appeal outcome to inform IPA review activities [constituency of this group to be discussed]</li> </ul>

# Delivery Dashboards

**INFORMATION:** Questions from PSG members on delivery dashboard content

*Chair*

*15 mins*



## Delivery Dashboards Overview

Area	Title	Purpose
MHSP 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
MHSP 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 1: Risks to SIT Functional Execution

**RAID (1 of 4)**  
Updated to 03/04/2024

Theme	Summary	Mitigation Approach Overview	RAG Status	
<b>Risks to SIT Execution</b>	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"> <li>Continuous monitoring of the MVC (through SIT CIT) to ensure that the MVC remains viable</li> <li>Maintenance of pairing relationships via go-live cohorts, to enable better programme decisions based on risks / clarity on ways of working that enable SIT parties to work effectively, transparent and fairly with the programme to complete SIT in an optimum way</li> </ul>	<b>Previous RAG</b>	<b>New slide</b>
			<b>Current RAG</b>	<b>Yellow (10 risks)</b>

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			2
R803	There is a risk that triage / defect management is not effective in equitably addressing priorities and ensuring optimum execution progress																														Score remains at 16	<ol style="list-style-type: none"> <li>Encourage ownership of testing success within each cohort, to supplement and enhance the programme team's overall co-ordination of testing activities</li> <li>Manage the balance of MVC progress (prove the E2E design) vs. cohort progress (risks to migration)</li> </ol>
R804	There is a risk that there could be different interpretations of the Design																														Score remains at 20	<ol style="list-style-type: none"> <li>The design team will be actively involved in the triage of defects (daily defect management calls) during SIT to help to mitigate different interpretations of the design, whilst avoiding unnecessary design change.</li> </ol>
I168	There is an issue that two PPs have not entered SIT F on the planned start 11-Mar																														New item (Score 2)	<ol style="list-style-type: none"> <li>Monitor late PIT activities closely. Drive to ensure revised readiness dates are achieved.</li> </ol>

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 2: Risks to Qualification success

RAID (2 of 4)  
Updated to 03/04/2024

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"> <li>Housekeeping CR due to be issued with updated qualification milestones. This includes some additional milestones to support participant planning.</li> <li>Ongoing collaboration between MHSP and Code Bodies and industry to develop Qualification material through QWG</li> <li>Qualification Approach and Plan, Qualification Assessment document (QAD), LDSO qualification testing approach expected to be approved at March's QAG / PABs. Supplier &amp; Agent test approach due to be issued for consultation in March.</li> </ul>	Previous RAG	Amber (16 risks)
			Current RAG	Amber (18 risks)

Risk/Issue ID	Risk Description	Key Risks																				Current score movement since last Programme Board	Mitigation Plan			
		Risk Score Assessment																								
		Critical					High					Medium					Low									
R653	There is a risk that the programme do not mobilise test environments or harnesses in support of Non-SIT LDSO QT																								Score reduced from 16 to 12	<ol style="list-style-type: none"> <li>Engagement with Programme Sims &amp; Ems team to prepare for IA v. requirements</li> <li>Discussions to be had with other impacted parties for environments (e.g. DIP, Helix)</li> <li>LDP has a delivery plan we have confidence in delivering, even if Helix included.</li> </ol>
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	<ol style="list-style-type: none"> <li>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.</li> <li>Code Bodies should consider ramping up resourcing levels if Migration may be compromised by Suppliers moving back in waves.</li> <li>This has been raised with Helix for them to consider flexible resourcing models for the future.</li> </ol>
R332	Suppliers may require maximum amount of time to complete their DBT, resulting in backlog in final waves of Qualification																								Score remains at 15	<ol style="list-style-type: none"> <li>Ongoing tracking of suppliers' delivery plans and progress through bilaterals (including early sight of their preferred wave where possible)</li> <li>Qualification waves and associated processes presented by Code Bodies to QWG 27-Nov-23. There is increased flexibility built into wave approach. The Programme can currently track delivery plans vs. their desired wave (until they are allocated a wave).</li> </ol>
R811	There is a risk that Industry does not accept the use of manufactured data in the Proof-of-Concept approach that CGI have developed for S+A Qualification.																								New item	<ol style="list-style-type: none"> <li>Comments raised by suppliers on their preference for use of production data in S&amp;A Qualification</li> <li>Annex 2 of the QA&amp;P is based on the use of manufactured data. Industry to provide feedback via consultation</li> </ol>
R695	Code Bodies will not be ready to complete Supplier and Agent Qualification in time for waves (time)																								Score remains at 19	<ol style="list-style-type: none"> <li>Code Bodies have presented updated QA&amp;P and supporting PoaP, and lower-level plan is being developed</li> <li>CR047 and CR048 due to be issued with updated qualification milestones. This includes some additional milestones to support participant planning.</li> <li>Programme monitoring of Code Body delivery starting, including Code Bodies' fortnightly delivery reporting vs. their plans. Detailed plan expected for S&amp;A qualification and promised within March.</li> </ol>



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

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

Document Classification: Public

Key	
I	Initial Score
C	Current Score
T	Target Score

### Risk Theme 3: Commencing and completing Migration successfully

**RAID (3 of 4)**  
Updated to 03/04/2024

Theme	Summary	Mitigation Approach Overview	RAG Status	
<b>Commencing and completing Migration successfully</b>	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 becoming issues	<ul style="list-style-type: none"> <li>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</li> <li>The Migration Design, the Migration Cutover &amp; Data Strategy, the Data Cleanse Plan, the Migration Thresholds Document, Cutover Plan and Early Life Model and ongoing Code Drafting will provide Participants necessary materials to prepare for M10 / M11.</li> </ul>	<b>Previous RAG</b>	<b>Yellow (36 Items)</b>
			<b>Current RAG</b>	<b>Yellow (37 Items)</b>

Risk ID	Risk Description	Key Risks																Current score movement since last Programme Board	Mitigation Plan														
		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		
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																															Score remains at 18	<ol style="list-style-type: none"> <li>Large Agents have invested in infrastructure (e.g. IT hardware and operating systems) capable of supporting NFR volumes.</li> <li>Large Agents have operational plans and resources in place to manage migration volumes.</li> <li>Suppliers have commercial contingencies in place to manage performance issues of Large Agents.</li> <li>SRO will perform oversight when validating supplier plans.</li> </ol>
R488	There is a risk that a significant volume of export MPANs created within Programme transition timescales will impact the ability of suppliers and DNOs to deliver Programme Migration																															New item	<ol style="list-style-type: none"> <li>Programme to engage Ofgem to clarify what existing obligations mean for Programme and Parties</li> <li>Licence consultation closed on 13/3/2024. Await findings to ascertain way forward</li> </ol>
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																															Score remains at 16	<ol style="list-style-type: none"> <li>Non-functional requirement testing to be considered for data services (volume testing)</li> <li>Suppliers contract with other data services if there are any issues highlighted by data services themselves, or by NFR testing (Mitigation1)</li> </ol>
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.																															Score remains at 18	<ol style="list-style-type: none"> <li>Elexon's Helix programme have mobilised a team and commenced work of the detailed Service Design</li> <li>Governance route for industry approval of detailed Service Design needs to be agreed between MHHS and Elexon</li> <li>Programme currently engaging with Elexon to monitor progress.</li> </ol>
R828	There is a risk that Suppliers initiate more migrations than planned, or exceed the Threshold volumes																															New item	<ol style="list-style-type: none"> <li>Incorporate planning of when messages will be sent into the design of the MCC.</li> </ol>

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: Readiness and Prep for Technical Go-Live (M10)

RAID (4 of 4)  
Updated to 03/04/2024

Theme	Summary	Mitigation Approach Overview	RAG Status	
Readiness and Prep for Technical Go-Live	This theme explores the risks to Central Systems being ready to operate within the new MHHS arrangements at M10. It looks at the activities that need to be completed in order for Participants to successfully operate within the new arrangements.	<ul style="list-style-type: none"> <li>Service Management Strategy has been signed off, enabling Elexon to progress with the detailed Service Design</li> <li>Data Cleanse Plan has been developed and circulated, ongoing support and assurance provided by the Programme to ensure progress is being made by participants.</li> <li>Continuous monitoring of risks through discussion in the DCWG and TORWG</li> </ul>	Previous RAG	New slide
			Current RAG	Yellow (12 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	4	3		
R770	There is a risk that Elexon (Helix) may not be ready at M10 to go live																													New item	<ol style="list-style-type: none"> <li>Transition workstream to be mobilised within Helix to focus on Service Design, E2E Testing and Operational Readiness, directly supported by Claire Silk from the MHHS Programme.</li> <li>Service Management Strategy has been delivered to Elexon and required programme support provided to remove any blockers to delivery of the detailed Service Design.</li> <li>Minimum scope for Non-Functional and Operational Testing to be agreed with Elexon</li> <li>DIP Transition plan to be agreed with Elexon and aligned with Design handover plan to ensure adequate governance and change control around MHHS technical architecture</li> <li>Success criteria for operational readiness to be agreed with Elexon</li> </ol>
R427	There is a risk that new MHHS data won't be populated prior to M10. Failure to populate the data for each MPAN will impact migration																													New item	<ol style="list-style-type: none"> <li>Individual participants fulfilling their objectives in the Data Cleanse Plan.</li> <li>Programme to monitor and assure progress by participants vs the Data Cleanse Plan through the DCWG.</li> </ol>

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 19/03/2024

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>
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	Approved by DAG (13-Mar-24)	Approved	Implementation	Implement in IR8	IR8 (Apr-24)	Paul Pettitt, MHHS Programme
CR044	Implementation of 'Data Refresh' Message IF-051	Sean Cooper, MHHS Programme	Full Impact Assessment	Issued by DAG to Impact Assessment (response deadline 28-Mar-24)	Open	Impact Assessment			
CR045	Supply Start Date (SSD) Correction Tool	Sean Cooper, MHHS Programme on behalf of SCS	Full Impact Assessment	Issued by DAG to Impact Assessment (response deadline 28-Mar-24)	Open	Impact Assessment			
CR046	Enabling Metering Point Energy Flow to be changed more than once	Harriet Truss, RECCo	Full Impact Assessment	Issued by DAG to Impact Assessment (response deadline 28-Mar-24)	Open	Impact Assessment			
CR047	Amending Qualification Milestones for non-SIT LDSO QT	Ben Wickins, MHHS Programme	Full Impact Assessment	Validated by Change Board for industry webinar and Impact Assessment (12-Mar-24)	Open	Pre-Impact Assessment			
CR048	Amending Qualification Milestones for Non-SIT Supplier and Agent QT	Laura Kennedy, Credera	Full Impact Assessment	Validated by Change Board for industry webinar and Impact Assessment (12-Mar-24)	Open	Pre-Impact Assessment			

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 21-Mar-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
<b>CIT</b>		SITAG approved the CIT completion report 11-Mar-24
<b>Functional</b>		<p>Cycle 1 test execution commenced as planned on 11-Mar-24 for 4 cohorts + 2 cohorts later that week + 2 cohorts planned for 25-Mar-24</p> <p>Work off Plan remains in progress:</p> <ul style="list-style-type: none"> <li>SIT F PIT – 32 of 36 reports received, 4 will be provided later than 21-Mar by agreement with the programme. Reviews ongoing - 30 assured, 2 final updates. Completion dictated by provision of remaining reports</li> <li>Environments – Remains in progress, 3 code deployments remain outstanding – completion expected for PP's by their SIT Functional start</li> </ul> <p>Preparation under way for Cycle 2 (starts 10-Jun-24)</p>
<b>Migration</b>		<p>Test execution commences: 10-Jun-24 in SITA Test Environment</p> <p>Test Approach (plus associated Test Data) Approach and Plans: approved Dec TMAG</p> <p>Test Scenarios &amp; Test Cases: Theme 1 – SITAG approved 20-Mar, Theme 2 completed Industry Consultation, Theme 3 commenced Industry Consultation 13-Mar</p> <p>PP Test artefacts outstanding: 4 A+Ps, 19, RTTMs and 20 Test Scenarios</p> <p>Assurance in progress</p> <p>Data under development, data load plan to be communicated at next DWG (04-Apr)</p> <p>Placing reliance due 10-Apr</p> <p>PIT completion 10-May</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>
<b>Non-Functional</b>		<p>Test execution commences: 02-Sep-24</p> <p>Test Approach and Plan: Industry Consultation started 18-Mar, SITAG approval 15-May</p> <p>Test Approach Data Approach and Plans: Industry Consultation due to start on 26-Mar, SITAG approval 15-May</p> <p>Test Scenarios &amp; Test Cases: Delivery plans to be shared and agreed, forecast approval by Jul 24</p>
<b>Operational</b>		<p>Test execution commences: 07-Oct-24</p> <p>Test Approach (plus associated Test Data) Approach and Plans: Planned – Industry Consultation due to start 27-Mar, SITAG approval 15-May</p> <p>Test Scenarios &amp; Test Cases: Delivery plans to be shared and agreed, forecast approval July 24 (Test Scenarios) and August 24 (Test Cases)</p>

## SIT – MVC Status (as of 21-Mar-24)

Ready

Expected to be ready

Expected to be ready if risk mitigation is successful

Unlikely to be ready

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)

# Look Ahead – Key Milestones Status at 20–Mar-24 (1)

To align to weekly FTIG reporting, the previous, current and forecast RAGs reflect milestone status from last week, this week and next week, respectively.

Milestone ID	Forum	Milestone Title	Baseline Date	Forecast Date	Responsible	Previous RAG 13/03/24	Current RAG 20/03/24	Forecast RAG 27/03/24	Commentary
T3-TE-0067	SITAG	E2E Sandbox Guidance approved	Fri 04/08/23	Fri 04/08/23	SI Test	Red	Red	Red	An updated POAP is due by 22-Mar with e2e Sandbox assumptions that will help create a draft of Sandbox document guidance for internal review
T3-QU-0063	QAG	Functional Testing elements of Qualification Approach & Plan approved by REC Manager & BSC PAB	Tue 31/10/23	Tue 28/03/24	Code Bodies	Red	Red	Red	Proposed change to Baseline Finish date to realign to forecast date included in <a href="#">Programme Change Request CR048</a>
T3-TE-0091	QAG	Environment Approach and Plan - Non SIT LDSO & S and A Testing	Wed 17/04/24	Wed 17/04/24	SI Test	Red	Red	Green	Milestone Title and Baseline Finish date change approved by QAG on 21 March 2024. Baseline finish date changed from 15/11/23 to 17/04/24 and title to include 'S and A Testing'.
T3-QU-0011	QAG	Confirmation of Participants for Non-SIT LDSO Qualification Testing	Mon 29/01/24	Thu 18/04/24	Non-SIT LDSO	Red	Red	Blue	Milestone approved by QAG on 21 March 2024
T3-DB-0143	SITAG	All SIT Migration PIT Test Approach & Plans submitted to Programme for assurance	Fri 16/02/24	Fri 16/02/24	PP	Red	Red	Red	31/35 received, remainder have been chased
T3-QU-0064	QAG	Migration Testing elements of Qualification Approach & Plan approved by REC Manager & BSC PAB	Wed 06/03/24	Wed 28/03/24	Code Bodies	Red	Red	Red	Proposed change to Baseline Finish date to realign to forecast date included in <a href="#">Programme Change Request CR048</a>
T3-DB-0145	SITAG	All SIT Migration PIT RTTMs submitted to Programme for assurance	Thu 07/03/24	Thu 15/03/24	PP	Yellow	Red	Red	16/35 received, remainder to be chased
T3-DB-0147	SITAG	All SIT Migration PIT test scenarios submitted to Programme for assurance	Thu 07/03/24	Thu 15/03/24	PP	Yellow	Red	Red	15/35 received, remainder to be chased
T3-TE-0093	QAG	Environment Approach and Plan - Qualification and Sandbox	Wed 20/03/24	Wed 21/08/24	SI Test	Red	Red	Green	Milestone Title and Baseline Finish date change approved by QAG on 21 March 2024. Baseline finish date changed from 20/03/24 to 21/08//24 and title to better reflect scope of deliverable.
T3-TE-0110	SITAG	SIT Migration Test scenarios & Test Cases Approved - Theme 1	Wed 20/03/24	Wed 20/03/24	SI Test	Green	Blue	Grey	Approved at SITAG 20 Mach 24
T3-DB-0182	SITAG	DIP Simulator uplifted to align with Interim Release 7	Fri 22/03/24	Fri 22/03/24	SI DevOps	Green	Green	Blue	
T3-TE-0033	SITAG	SIT Participants' SIT B environments ready to start connectivity proving (incl. certificates and security compliance)	Mon 01/04/24	Mon 03/05/24	SI Test	Green	Red	Red	New Baseline Finish of 03/05/24 proposed for discussion at FTIG on 22 March 2024 and approval at SITAG thereafter
T3-DB-0099	DAG	Interim release 8 Go live	Wed 03/04/24	Wed 03/04/24	SI Design	Green	Green	Green	

Milestone RAG definitions				
Complete	On track	Likely to be met if issues / risks are resolved / mitigated	Date missed or unlikely to be met without escalation	

## Look Ahead – Key Milestones Status at 20–Mar-24 (2)

To align to weekly FTIG reporting, the previous, current and forecast RAGs reflect milestone status from last week, this week and next week, respectively.

Milestone ID	Forum	Milestone Title	Baseline Date	Forecast Date	Responsible	Previous RAG 13/03/24	Current RAG 20/03/24	Forecast RAG 27/03/24	Commentary
T3-DB-0144	SITAG	All SIT Migration PIT Test approach and plans MHHS Reviews Completed	Thu 11/04/24	Thu 11/04/24	SI Test				
T3-QU-0066	QAG	Qualification Assessment Document Initial Draft (Functional)	Tue 16/04/24	Tue 16/04/24	Code Bodies				
T3-TE-0092	SITAG	Environment Approach and Plan - SIT Non Functional	Wed 15/05/24	Wed 15/05/24	SI Test				Change to milestone Baseline Finish date approved by SITAG on 20 March 2024. Baseline Finish date changed from 17/04/24 to 15/05/24.
T3-TE-0111	SITAG	SIT Migration Test scenarios & Test Cases Approved - Theme 2	Wed 17/04/24	Wed 17/04/24	SI Test				
T3-TE-0112	SITAG	SIT Migration Test scenarios & Test Cases Approved - Theme 3	Wed 17/04/24	Wed 17/04/24	SI Test				
TBC	QAG	Test Data Plan Approved at QAG	*	Wed 17/04/24	Code Bodies				Proposed new milestone yet to be approved*
T3-DB-0146	SITAG	All SIT Migration RTTMs MHHS Reviews Completed	Thu 18/04/24	Thu 18/04/24	SI Test				
T3-DB-0148	SITAG	All SIT Migration Test scenarios MHHS Reviews Completed	Thu 18/04/24	Thu 18/04/24	SI Test				
TBC	QAG	Approval of Batch 1-3 Test Cases & Scenarios at QAG	*	Thu 18/04/24	Code Bodies				Proposed new milestone yet to be approved*
T3-QU-0008	QAG	Qualification Testing for Non-SIT LDSOs (Functional, Migration, NFT, Operational) Test Execution Schedule Approved	Fri 26/04/24	Thu 15/08/24	Non-SIT LDSO				Proposed change to Baseline Finish date to realign to forecast date included in <a href="#">Programme Change Request CR047</a>
TBC	QAG	PIT Test Plan Deadline for Submission for Non-SIT LDSO QT	*	Fri 26/04/24	Non-SIT LDSO				Proposed new milestone yet to be approved*
T3-QU-0009	QAG	Qualification Testing for Non-SIT LDSOs (Functional, Migration, NFT, Operational) Participants' Environments (TBC) Ready To Start Connectivity Proving (Incl. Certificates & Security Compliance)	Fri 26/04/24*	Mon 05/08/24	Non-SIT LDSO				Proposed change to Baseline Finish date to realign to forecast date included in <a href="#">Programme Change Request CR047</a>
TBC	QAG	Pre-Qualification Submission and PIT Test Plan Deadline for Submission	*	Fri 26/04/24	PP				Proposed new milestone yet to be approved*
T3-DB-0151	SITAG	SIT Non-Functional PIT Test Approach & Plan (PIT) submitted to Programme for assurance	Fri 10/05/24	Fri 10/05/24	PP				
T3-DB-0149	SITAG	All SIT Migration PIT Completion Reports submitted to Programme for assurance	Fri 10/05/24	Fri 10/05/24	PP				
T3-TE-0026	SITAG	SIT Non-Functional Testing Test Approach & Plan approved	Wed 15/05/24	Wed 15/05/24	SI Test				At risk because of delivery schedule
T3-TE-0113	SITAG	SIT Non-Functional Testing Test Data Approach & Plan approved	Wed 15/05/24	Wed 15/05/24	SI Test				At risk because of delivery schedule

\* Proposed new qualification milestones included in [Programme Change Request CR047](#)

## Look Ahead – Key Milestones Status at 20–Mar-24 (3)

To align to weekly FTIG reporting, the previous, current and forecast RAGs reflect milestone status from last week, this week and next week, respectively.

Milestone ID	Forum	Milestone Title	Baseline Date	Forecast Date	Responsible	Previous RAG 13/03/24	Current RAG 20/03/24	Forecast RAG 27/03/24	Commentary
T3-TE-0029	SITAG	SIT Operational Testing Test Approach & Plan approved	Wed 15/05/24	Wed 15/05/24	SI Test	Yellow	Yellow	Yellow	At risk because of tight delivery schedule
T3-RE-0500	CCAG	Final code drafting (mop-up) approved	Wed 22/05/24	Wed 22/05/24	PP	Green	Green	Green	
T3-DB-0150	SITAG	All SIT Migration PIT Completion Reports MHHS Review Completed	Fri 24/05/24	Fri 24/05/24	SI Test	Green	Green	Green	
T3-TE-0080	SITAG	Cycle 2 - PP's confirmation that test data is ready for SIT Functional	Mon 27/05/24	Mon 27/05/24	SI Test Data	Green	Green	Green	
TBC	QAG	QAG Approval for Operational, Non-Functional & Migration Annexes of Approach & Plan	*	Tue 28/05/24	Code Bodies	Grey	Grey	Grey	Proposed new milestone yet to be approved*
T3-MI-0023	MCAG	MCAG Approval of M10/M11 Cut-over Plan	Tue 28/05/24	Tue 28/05/24	SI Transition	Green	Green	Green	
T3-DB-0153	SITAG	SIT Non-Functional PIT RTTM submitted to Programme for assurance	Thu 30/05/24	Thu 30/05/24	PP	Green	Green	Green	
T3-DB-0155	SITAG	SIT Non-Functional PIT test scenarios submitted to Programme for assurance	Thu 30/05/24	Thu 30/05/24	PP	Green	Green	Green	
T3-QU-0065	QAG	Non-Functional Testing elements of Qualification Approach & Plan approved by REC Manager & BSC PAB	Thu 30/05/24	Thu 25/06/24	Code Bodies	Red	Red	Red	Proposed change to Baseline Finish date to realign to forecast date included in <a href="#">Programme Change Request CR048</a>

\* Proposed new qualification milestones included in [Programme Change Request CR047](#)

Milestone RAG definitions			
Complete	On track	Likely to be met if issues / risks are resolved / mitigated	Date missed or unlikely to be met without escalation

RAGs	Overall	Approach	Plan	Resources	Budget	Risk	Stakeholders	Suppliers
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<b>Status &amp; Outlook</b>	<p><b>Progress this Month:</b></p> <ul style="list-style-type: none"> <li>Commenced Functional SIT cycle 1</li> <li>Completed Test execution of PIT for SIT</li> <li>Completed Test Completion report for PIT for SIT</li> <li>Completed Data augmentation load into ETCL for SIT</li> <li>Completed Data augmentation load into SOUT for SIT</li> <li>Issued Final SIT readiness report</li> <li>Continued UAT testing of Sprint 5, 6 and 7 code</li> <li>Submitted Migration Approach for PIT</li> <li>Submitted migration RTTM and PIT scenarios</li> <li>Completed indicative peak migration volumes performance test</li> </ul>	<p><b>Progress expected in the coming month:</b></p> <ul style="list-style-type: none"> <li>Focus on supporting functional SIT execution</li> <li>Continue developing migration solution impact assessment</li> <li>Begin development and test stage 0 data cleanse scripts</li> <li>Develop migration impact assessment</li> <li>Assess any changes required to MPRS resulting from FSIT</li> </ul>
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Party Milestones & Deliverables	Original or Baseline Date	Forecast date & RAG
MPRS ready for start of functional SIT	14-02-24	06-11-23
MPRS ready for start of migration SIT	01-06-24	01-06-24

Risk or Issue & RAG	Mitigating or resolving action required	Date to be resolved	Action owner
STCI11 – 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. <b>Update: DNOs are providing funding to support increasing the size of the MPRS test team. This is quadrupling the size of the test team since the plan was baselined (CR022)</b>	28/02/2024	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/Migration SIT	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
MPRS migration development may not be ready for planned start of migration SIT due to significant misalignment between functional design and migration design	As part of our Migration SIT RTTM we identified several conflicting requirements requiring corrections to both the Migration Design and the Functional Design. These are being resolved in IR8, but this is after the start of migration SIT. Lost time from overrunning CIT, focus on readiness for FSIT and supporting early FSIT have resulted in diverting resource from migration solution development resulting in being less able to flex sufficiently to absorb this uncertainty. To manage this risk, the programme should consider delaying the entry to migration SIT until IR8 and/or stagger the testing themes during the migration SIT test phases (eg separate the testing of portfolio migration, via CoS, reverse (CoS))	Q2 2024 <b>NEW</b>	SCS
Misalignment between St Clements and Programme expectations for FSIT (STCR45)	Suitable levels of resource may not be available to support FSIT if expectations do not align, and insufficient notice is given by the programme. As the operation of functional SIT beds down it will become clearer whether expectations align. <b>DNOs have supported St Clements in possibly mitigating this risk by funding additional test resource.</b>	2 April 2024	Programme/St Clements
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.	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	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/Ofgem. 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
Requirements for SIT-B environment at SCS	The programme has decided that migration SIT will be executed on SIT-A but FSIT theme 8, Settlement, will be tested on SIT-B. This is not an efficient use of resources. With continued uncertainty whether St Clements is best positioned to execute non-functional SIT, this requires a whole new environment setting up for just one test case. The programme must consider more cost-effective alternatives.	2 April 2024 <b>NEW</b>	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 (CR4990) – Estimates from Service Providers on CSS traffic uplift near completion.

SEC

- MP162 (MDR Role) User Integrated testing completed Mid March, Elexon SIT functional testing initiated

Capacity

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

New Requirements

- SIT Functional Testing – Resources Onboarded, Testing Underway
- SIT Migration Test Scenarios Reviewed & Feedback Provided
- Service Delivery & Migration Bilats covering inputs on Service Strategy & Migration Scheduling & Risks

Progress expected in the coming month:

- REC - Complete R0044 UIT testing
- SEC - Complete MP162 UIT testing
- Capacity – Planning near completion to support 2024 delivery of uplift
- REC R0093 estimated costs and durations returned to RECCo
- REC R0093 appeal content to be published by Ofgem
- Clarity to be Obtained re Operational Testing
- Migration Framework reviewed & work to identify approach towards mitigating key Migration Volumes Risk
- Bilateral meetings with Elexon covering Service Design
- Data Cleanse Approach & Plan Dates confirmed
- Continued SIT FT Support

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

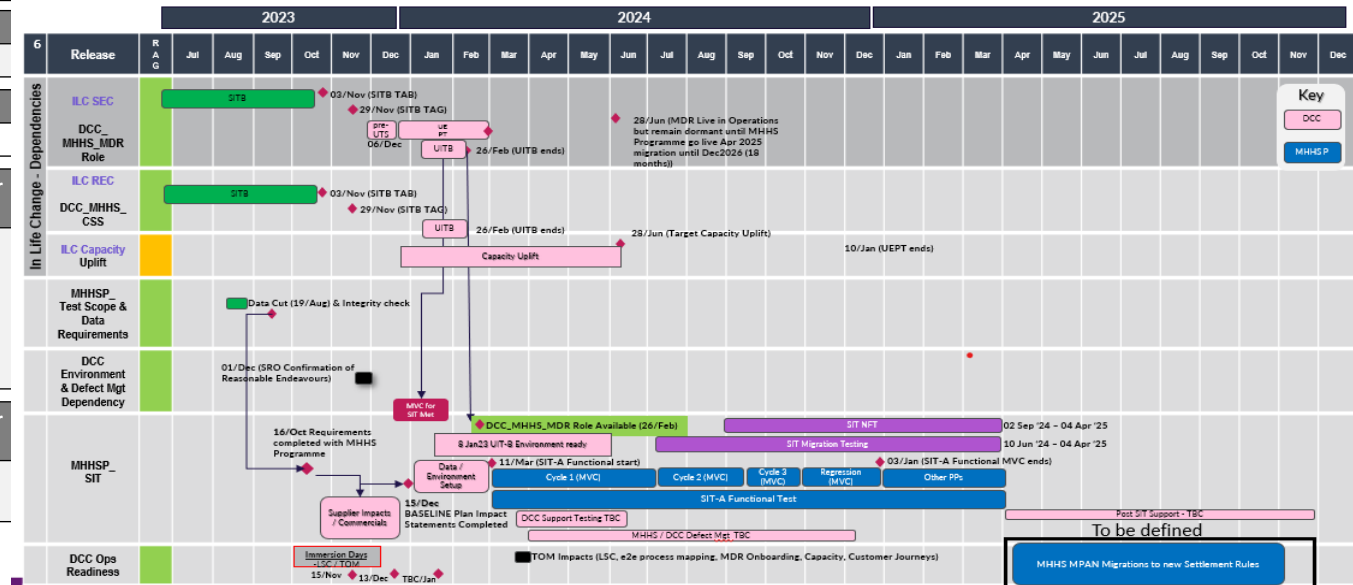
Decisions required	From whom?	By when?
None	n/a	n/a

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
As UIT-B is a shared environment, there will be a need for downtime during the 12 months of testing, in support of other Programmes. All outages will be registered via ADO.	No Action required – reiteration of existing agree assumption	N/A	N/A

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





Change requests supporting MHHS	Descriptions	Completion date	Action owner	Status
<b>Commercials Completed:</b> 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	All PO's Raised
<b>Commercials Completed:</b> 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
<b>Commercials Completed:</b> 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	Extension for April-Sept 24 under review
<b>IN PROGRESS:</b> 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
<b>Closed:</b> 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
<b>IN PROGRESS:</b> 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	Jan '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	Jan '24	DCC/Service Providers	To Be Raised

<b>COMPLETED:</b> 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 Exelon SIT Functional testing stage	19/08/23	DCC/Service Providers	Complete
<b>COMPLETED:</b> 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
<b>COMPLETED:</b> 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
<b>COMPLETED:</b> 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	Complete
<b>COMPLETED:</b> 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	Complete

Ref.	Risk	Probability	Mitigation	Owner	Area
1	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
2	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
3	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	PPIR issued to all for responses by 19/03. Responses will be analysed & any impacts to the capacity increases required will be taken through internal DCC Governance in April.	DCC/MHHS Programme	Capacity
4	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 MHHSP 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
5	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
6	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
7	Mandated MDR Appointments for all MPANs may not be necessary but will require additional infrastructure requirements for DSP.	Medium	Analysis has identified that this represents a 5% increase in storage capacity at VoltDB. As this is currently running at c.50% memory, no upgrade will be required – PROPOSE CLOSED	DCC/MHHS Programme	Capacity

RAGs	Overall	Approach	Plan	Resources	Budget	Risk	Stakeholders	Suppliers
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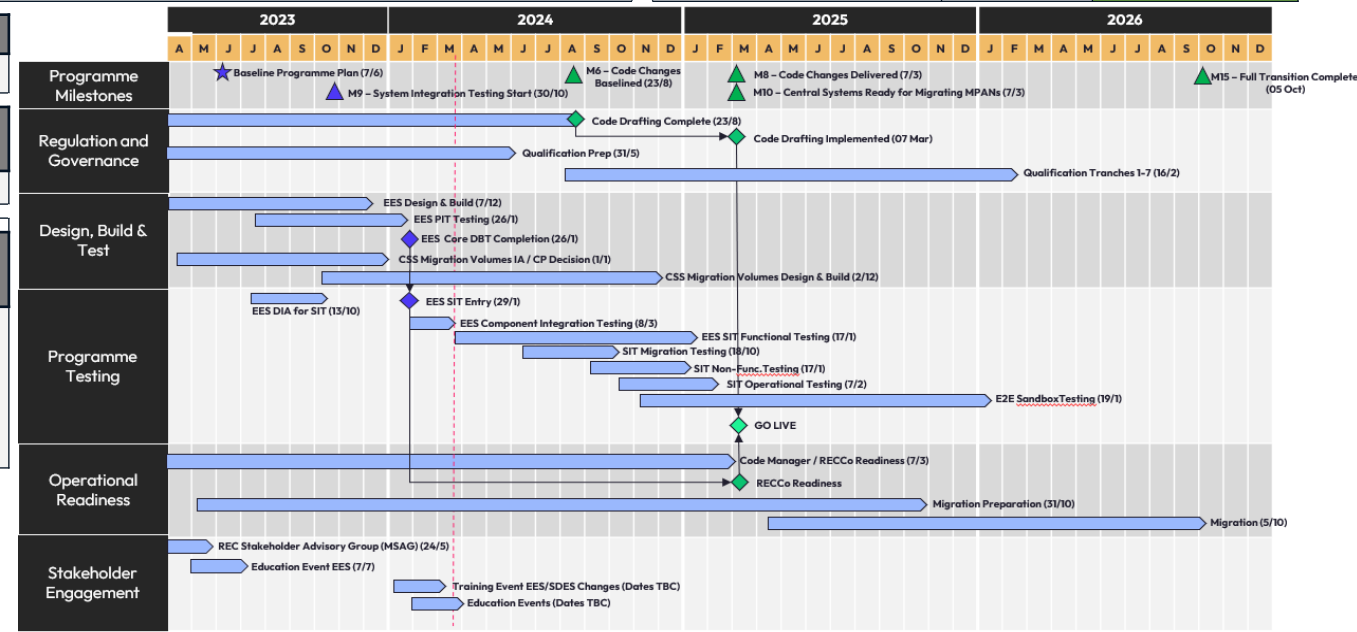
Status & Outlook	<b>Progress last month:</b> <ul style="list-style-type: none"> <li>EES entered SIT Functional on time</li> <li>Code Drafting Mop Up 2 industry consultation comments received 11 Mar and triaged.</li> <li>QAD (jointly developed with Elexon) updated following industry consultation and issued to REC and BSC PABs for approval by end Mar.</li> <li>QA&amp;P update (jointly developed with Elexon and Programme) approved by QAG on 21 Mar and issued to REC and BSC PABs for approval by end Mar.</li> <li>Pre-Qualification Submission Webinar (for non-SIT Suppliers and Agents) held on 7 March and FAQ subsequently published.</li> <li>Published consultation on Non-SIT Supplier and Agent Functional Scenarios – Tranche 1 (jointly developed with Elexon).</li> </ul>	<b>Progress expected in the coming month:</b> <ul style="list-style-type: none"> <li>EES continues through SIT Functional cycle 1.</li> <li>Publish updated Mop Up 2 Code Drafting, post industry consultation, for CDWG assurance check (due 2 April)</li> <li>Hold three drop-in sessions for non-SIT Suppliers and Agents on PQS ahead of submission by 26 Apr.</li> <li>Published consultation on Non-SIT Supplier and Agent Functional Scenarios – Tranche 2 (jointly developed with Elexon).</li> <li>Publish REC PAB approved Assessment Criteria showing how MHHS Functional, Migration and Non-Functional requirements will be assured through MHHS Qualification.</li> </ul>
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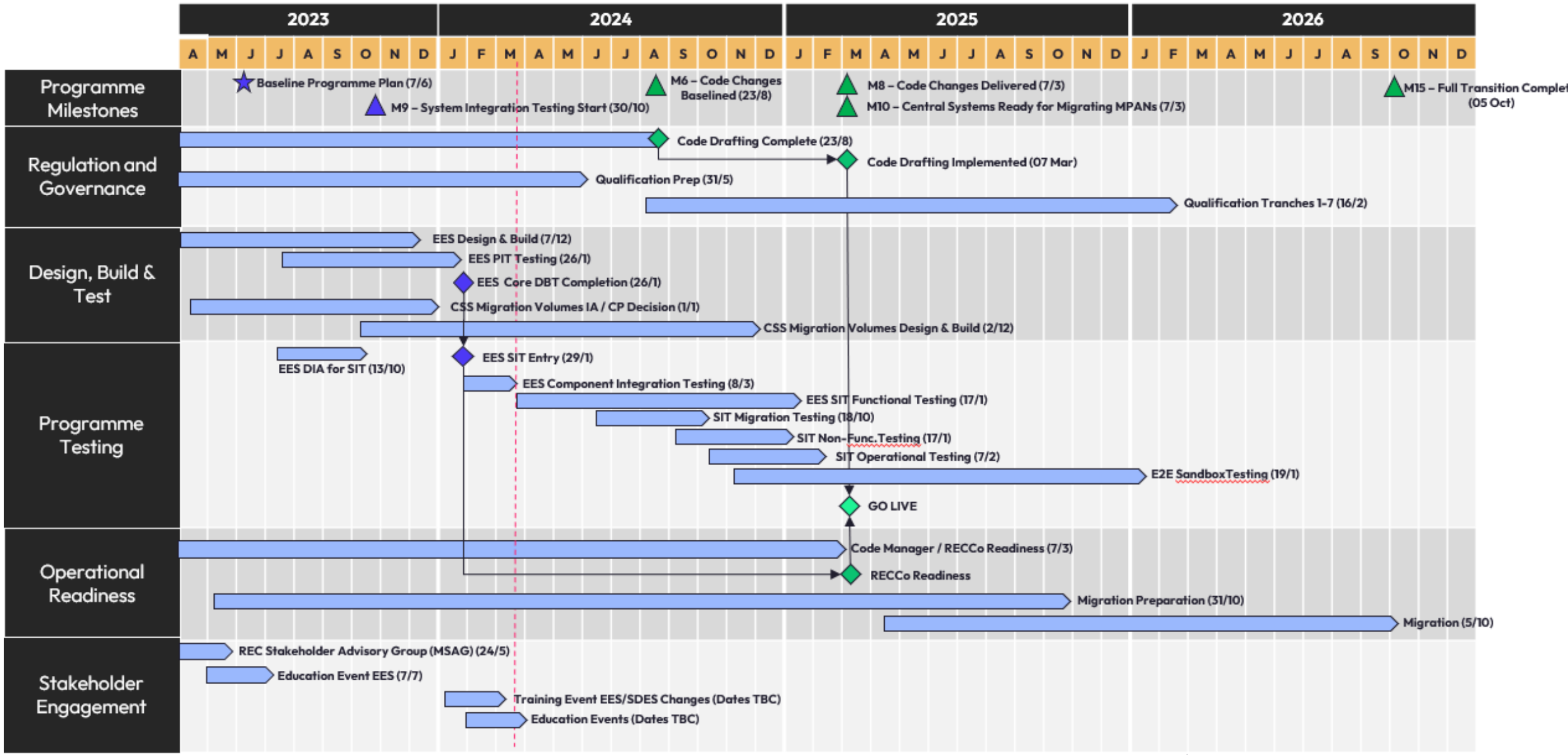
Party Milestones & Deliverables	Original or Baseline Date	Forecast date & RAG
EES DBT Completion (Ancillary)	27/02/2024	27/02/2024
SIT Functional Testing Start	11/03/2024	11/03/2024
MEM / Supplier / DNO Assessment Criteria	26/03/2024	26/03/2024
Qualification Approach & Plan v0.2 published	29/11/2023	29/03/2024
Qualification Assessment Doc v0.1 published	29/11/2023	29/03/2024
Code Drafting – Final Code Review – CCAG Approval	13/05/2024	13/05/2024

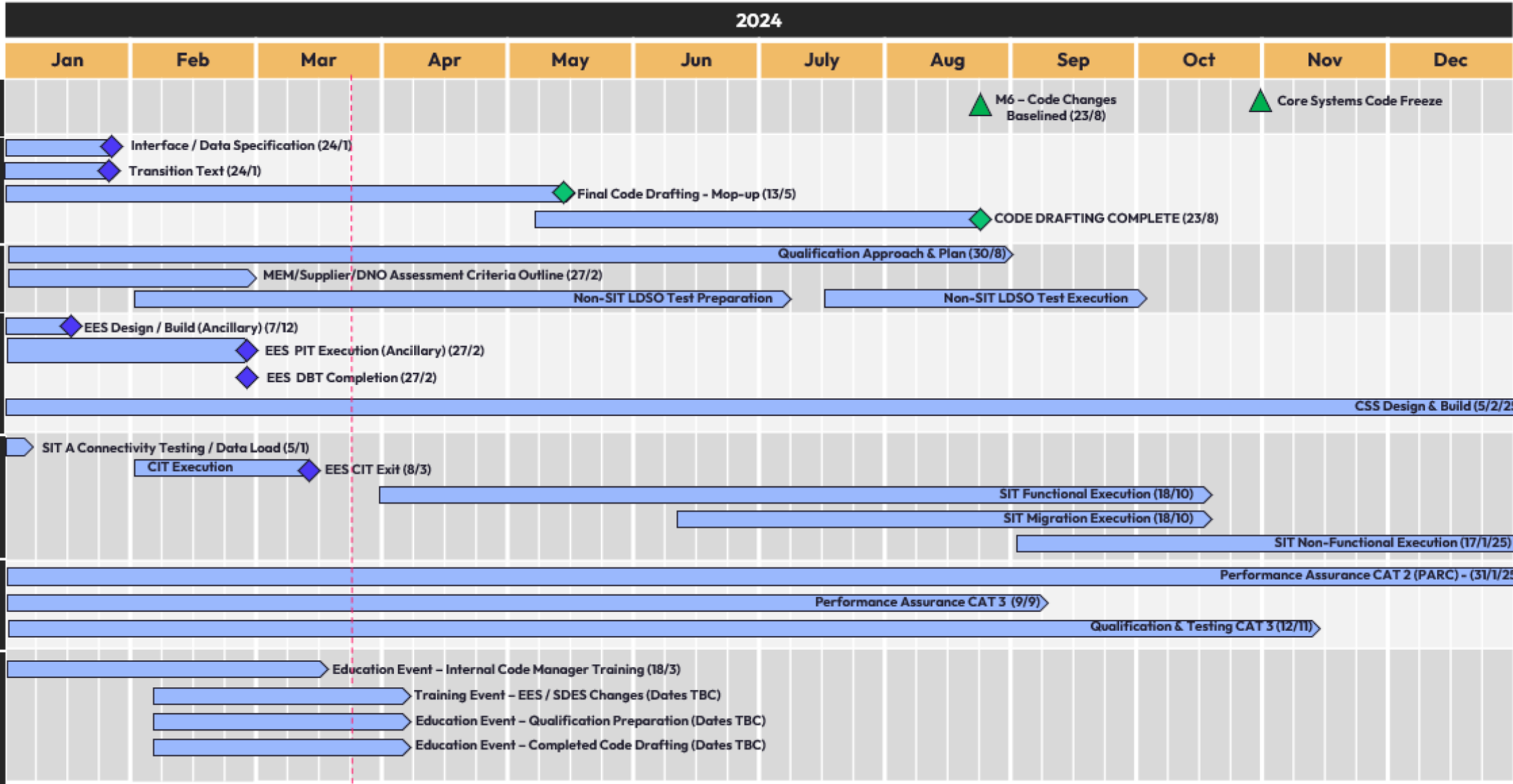
Decisions required	From whom?	By when?
None		

Risk or Issue & RAG	Mitigating or resolving action required	Date for action to be resolved	Action owner
No key risks to highlight for this report			

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.	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	<b>Progress last month:</b> <ul style="list-style-type: none"> <li>IR5.4 delivered on schedule for start of Functional Test Cycle 1</li> <li>IR5.4 PIT Test Execution -100% coverage, 100% pass rate</li> <li>IF-050 changes also delivered as requested by SI Team</li> <li>Supported start of SIT Functional testing (defect triage and remediation)</li> </ul>			<b>Progress expected in the coming month:</b> <ul style="list-style-type: none"> <li>Overall (SIT): continue to support, monitor progress of testing for Functional SIT Cycle 1</li> <li>Progress development of changes for SIT Functional Cycle against IR7</li> </ul>			<table border="1"> <thead> <tr> <th>Party Milestones &amp; Deliverables</th> <th>Original Date</th> <th>Forecast date &amp; RAG</th> </tr> </thead> <tbody> <tr> <td>DIP 4c (IR7) – Final build</td> <td>24/05/24</td> <td>24/05/24</td> </tr> <tr> <td>Functional SIT - Cycle 2</td> <td>10/06/24</td> <td>10/06/24</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 Date	Forecast date & RAG	DIP 4c (IR7) – Final build	24/05/24	24/05/24	Functional SIT - Cycle 2	10/06/24	10/06/24	DIP 5 – Migration / Transition	20/09/24	21/02/25	DIP 6 – Hypercare	20/09/24	21/03/25
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DIP 6 – Hypercare	20/09/24	21/03/25																					
<b>SIT Support &amp; Change Backlog</b> <ul style="list-style-type: none"> <li>Delivered demo of transaction reporting via the Portal to SRO &amp; LDP</li> <li>Development in progress in readiness for testing of IR7</li> <li>Started testing of User Profile CR based on updated test cases</li> <li>Completed Portal automation – Journal reports &amp; Publication endpoint</li> <li>Delivered further changes to PIM (Privileged Identity Management)</li> <li>Progressed Migration (SIT-B) environment build</li> </ul>			<ul style="list-style-type: none"> <li>SIT Support &amp; Change Backlog</li> <li>Releases into SIT (weekly/per need) to address open defects from SIT</li> <li>Continue to work on bug triage and fixing for SIT support, as needed</li> <li>Migration Environment review &amp; validation</li> <li>Commence baseline performance testing in dedicated environment</li> <li>Creation and modification of reports using Direct Query</li> <li>Onboarding CR – deliver Umbrella Organisation end to end</li> <li>Enable view of Messages page for DIP Analytics Readers</li> <li>Complete testing of user profile CR change</li> <li>Test case review and upift for IR7 and associated changes</li> </ul>																				

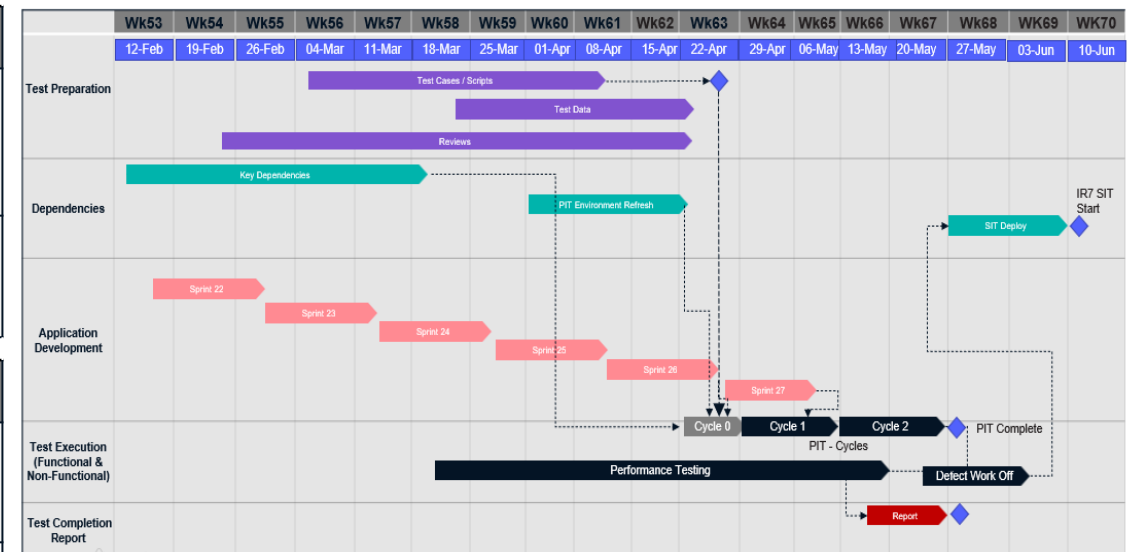
Decisions required	From whom?	By when?
None	n/a	n/a

Risk or Issue & RAG	Mitigating or resolving action required	Date for action to be resolved	Action owner
Volumetrics – Intra-day Profiling – Additional solution cost	DIP SP aware of multiple changes/requests re volumetrics SRO provided view of intra-day profiles Impact Assessment by DIP SP will follow baseline performance testing	19/04/2024	Smitha Pichrikat (Paul Daniels)
Effort consumed for SIT Support Exceeds Estimate (Commercial Impact)	Effort for SIT support was in line with forecast for January and below forecast for February. Continue to monitor via MSR as SIT progresses.	10/04/2024	Smitha Pichrikat (Paul Daniels)

Assumption & RAG	Action required to remove assumption	Date for action to be resolved	Action Owner
Data Load Required for Functional SIT – Cycle 2	<ol style="list-style-type: none"> <li>Revalidate assumption with SI Test Team</li> <li>Review capacity implications if requirement changes</li> </ol>	26/04/2024	Smitha Pichrikat (Paul Daniels)

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

DIP Release for IR7 (DBT) (Functional SIT Cycle 2) – Plan on a Page



RAGs	Overall	Approach	Plan	Resources	Budget	Risk	Stakeholders	Suppliers
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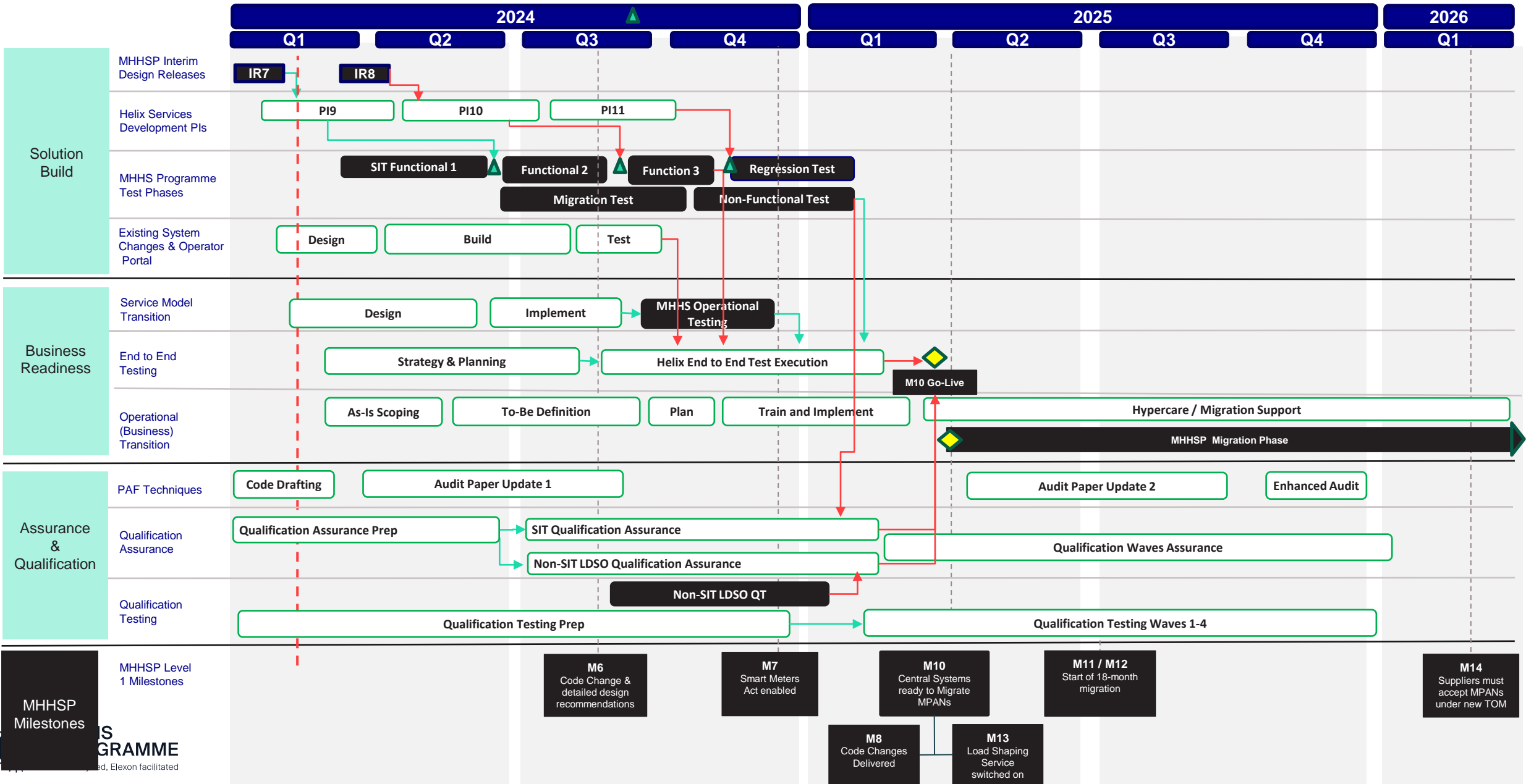
Status & Outlook	<p><b>Progress last month:</b></p> <ul style="list-style-type: none"> <li>Helix team is now supporting SIT Functional cycle 1 as per agreed schedule.</li> <li>ISD Data issues have been encountered and the majority have now been fixed, ready to release on 25<sup>th</sup> March.</li> <li>Prepared initial delivery plan and estimate for non-SIT participants.</li> <li>Non-SIT supplier and Agent Test Approach issued for industry consultation.</li> <li>Service Transition planning for whole of Elexon underway.</li> <li>Continuing engagement with RECCo and DCC to align overall service design and produce low level design agreements.</li> <li>All key business teams in Elexon have commenced business change engagement.</li> <li>E2E testing working group has been formed.</li> </ul>	<p><b>Progress expected in the coming month:</b></p> <ul style="list-style-type: none"> <li>Support of SIT Functional cycle 1 and resolution of any defects that arise.</li> <li>Release 9.6 to be completed which will support later phases of SIT testing.</li> <li>Qualification Approach and Plan to be reviewed and approved at PAB.</li> <li>Commence Qualification Testing Framework (QTF) build.</li> <li>Complete and present the high level Business Change impact analysis to the Elexon Senior Leadership Team.</li> <li>Shared clarification with MHHSP of DIP Transition planning.</li> <li>PI10 Planning of core build due to take place.</li> </ul>
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Party Milestones & Deliverables	Plan Date	Forecast date & RAG
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 by PAB	28/03/24	In progress
PI10 Planning for Solution Build	19/04/24	Not started
High-level business change impact assessment	19/04/24	In progress
First pass definition of operational business change plan	30/04/24	In progress
QT functional test scenarios approval	23/05/24	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. <b>Update:</b> We are continuing to see changes from MHHSP to Helix/participants.	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 MHHSP. <b>21/3</b> – The change freeze is not effectively slowing down the pace of change from MHHSP and trending upwards. This remains a concern.	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. <b>21/3</b> – MHHSP decision to switch from SIT-A to SIT-B is adding further resource contention and pressure to timelines.	30/4/24
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 has been rolled out to all Elexon operational teams. Impact analysis to be cascaded to Senior Leadership Team by end of April.	30/4/24
There is a Risk that the overall progress of migration does not work as Ofgem and MHHS desire if we do not have additional support for DIP onboarding and also management support to drive the queuing and progress of all Non-SIT participants	Risk	Helix and MHHSP team are working together to develop shared plans to manage this phase of work. The Helix team are currently onboarding additional resource to support DIP Onboarding and Migration planning.	30/4/24



# Helix Delivery POAP



RAGs	Overall	Approach	Plan	Resources	Budget	Risk	Stakeholders	Suppliers
Status Update	<p><b>ElectraLink updates for February PSG:</b></p> <ul style="list-style-type: none"> <li>The MHHS programme has identified the need for a set of data flow changes and additions for SIT. Engagement ongoing to understand the work required to achieve this update.</li> <li>Continued collaboration with MHHS Programme and teams engaged via participating in working groups such as SITWG, FITG, S&amp;T, DAG, DWG and fortnightly sessions with the programme and Webinars.</li> </ul>						<p><b>Milestones and Deliverables:</b></p> <ul style="list-style-type: none"> <li>None</li> </ul>	

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	-	<b>Elexon/ElectraLink</b>

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

RAGs	Overall	Approach	Plan	Resources	Budget	Risk
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**Activities reported as progressed in March:-**

SSEN (as MVC for SIT)

- 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.

General DNO Comments

- PIT Test Approach & Plan submitted – awaiting feedback from code bodies and QT Programme
- PIT – Connectivity to DIP Simulator/ DIP Adaptor
- Qualification – Bi-lateral 15/3 with Programme to discuss Qualification testing requirements await written confirmation from Programme
- Qualification – Planning continues to develop DNO plans subject to test requirements defined with Programme
- Data Cleanse – Export/Import MPANS Analysis on linked MPANS & program self declaration return
- Durabill MHHS Release 6.5 P1 code – UAT commenced
- Programme Consultations: SIT Migration Test Scenarios, CR44 – CR48, & Migration Development Framework Consultation
- Reviewing migration outputs from SCS versus internal systems capacity

**Activities reported as expected to progress April:**

SSEN (as MVC for SIT)

- SSEN in second week of FSIT. Test cases being progressed successfully. Issues with test data quality & UMSO test scenarios.
- Data Cleanse – submitted Export MPAN Statement.
- Complete PIT for FSIT Completion Report (overdue).
- Install application updates for Durabill 6.5.x.
- MPRS Agreement (use of MPRS API code for ADQM) fully signed by all DNO's.
- Instigating bi-laterals/multi-party calls re SIT Non-Functional & Settlements Testing. Clarify environments position.

General DNO Comments

- PIT - Test Approach & Plan submitted – Uplift DNO Plan on feedback from code bodies/Programme & resubmit to Programme
- PIT – DIP SIM /Adaptor Connectivity to IR8
- Qualification - Planning continues to develop DNO plans subject to test requirements defined with Programme & Code Bodies
- Qualification - Review Operational & Migration approaches
- Qualification - Review Test Scenarios Batch 3
- Data Cleanse - LDSO notify supplier of MPAN exceptions
- Migration - Review Consultation Framework 8/4/2024
- Migration - Internal review to support volume metric & SLA
- Programme Consultations & Working Group Attendance, Change Requests, DINS, Program Consultations
- Attend MHHS Open Day

DNO Key Milestones (in Round 3 plan)	Round 3 date & confidence level / RAG	Reasons for confidence levels
<b>For those intending to participate in Systems Integration Testing (SIT) - SSEN</b>		
SIT (Functional) start	27-Feb-24 1 High confidence	• SCS to carry out on behalf of SSEN for Registration Services.
M10 - readiness to support migration start, including Registration Services, Network Operators and UMSOs	07-Mar-25 1 Medium confidence	• Further outcomes of testing success required from SIT Functional before being 100% confident re migration testing.
<b>For those intending to participate in non-SIT LDSO (qualification) testing</b>		
Non-SIT LDSOs testing start (Functional / Migration / NFT / Ops)	02-Jul-24 5 Medium confidence	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	At this point we have 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.

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	Impact SIT Functional timelines for delivery	Complete

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	04/04/24
SIT Non-Functional. Lack of clarity on scope & testing requirements	Delay Parties from starting effective planning for NFT.	04/04/24
Test Data Requirements for NON-SIT LDSO - Qualification	Unable to plan testing and failure to qualify	ASAP
Clarity of 3rd Party Adaptor Service Provider in performing SIT Non-Functional & Operational Testing on behalf of DNO's	Failure to Qualify – unable to validate requirements	ASAP
Clarity of DUOS Settlement process required prior to Migration (CR019) related	Risk to DUOS Billing Charges if Central system do not provide consumption data	ASAP
Migration SIT will be executed on SIT-A but FSIT theme 8, Settlement, will be tested on SIT-B. This is not an efficient use of resources. With continued uncertainty whether St Clements is best positioned to execute non-functional SIT, this requires a whole new environment setting up for just one test case.	The programme must consider more cost-effective alternatives.	ASAP
Confirmation of CR's and Outstanding Design Decisions (DIN Log) specifically IR8 as raised by St Clements.	Delay to DBT and unable to achieve R3 SIT dates. Potential delay to DBT of UKPN internal downstream systems.	ASAP
Clarity on the scope of PIT (Migration & Non-Functional) and Qualification Testing scenarios based on the placing reliance policy.	Failure to qualify – Duplication of work for DNO.	ASAP

Escalations (priority items for attention and support from the Programme)	Action by when?
Qualification – exact testing requirements for each LDSO to be defined by the program and code bodies	ASAP
Decisions on outstanding DIN Log items, CRs, Design Queries and Non-SIT LDSO and timelines and data requirements for Qualification - as above. IF19 & 20 association management	ASAP
SIT Migration, Non-Functional & Operational testing requirements are yet to be fully detailed	ASAP

Risks or Issues	Impacts	Opportunities to resolve and deliver as soon as possible
Lack of clarity regarding environments requirements for Settlements Testing & SIT Non-Functional Testing	Environments provision & readiness to undertake test start dates.	Multiparty meeting to discuss
Central systems (data services/load shaping) do not provide 100% coverage of consumption data to LDSO's	DNO's unable to fully recover DUoS charges.	CR019 decision
Availability of core software products MPRS,UMSO etc to support NON SIT LDSO PIT & Qualification is unclear	Unable to meet PIT/Qualification timelines	Provide product delivery plan for NON-SIT LDSO's to complete PIT
Potential impact on DNO budgets dependant on environment, testing requirements and timescales & new change requests	Potential under-recording of DNO cost impacts in the Programme benefits. DNOs will require approval of additional Programme funding	Require firm commitments on requirements for Environment requirements for Non-SIT LDSO testing.
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).
Issues identified during SIT result in delays to Programme milestones.	Ability to place reliance on SIT.	-
Misalignment between the Migration Design and Functional Design resulting in new design issues (DINs) for SCS requiring additional MPRS development effort.	Potential delay in MPRS product availability.	Resolve the design issues and replan the Migration SIT to accommodate the changes.

RAGs	Overall	Approach	Plan	Resources	Budget*	Risk
<b>Status &amp; Outlook</b>	<b>Activities reported as progressed in March:</b>		<b>Activities reported as expected to progress in April:</b>			
	<ul style="list-style-type: none"> <li>Completed and submitted IDNO SIT PIT Migration Approach &amp; Plan.</li> <li>Completed changes to our DTN Gatekeeper systems ready for SIT Functional.</li> <li>Commenced SIT Functional.</li> <li>Monitored progress of LDSO DINs and CRs and responded where appropriate.</li> <li>Continued Data Preparation requirements activity, including submitting P434 data cleanse self-declaration.</li> <li>Engaged with the Programme regarding the Draft Service Management Strategy.</li> <li>Reviewed Code Mop Up 2 final consultation and submitted comments.</li> <li>Reviewed Supply, Distribution and Transmission Licence Review and submitted comments.</li> <li>Commenced preparation for UAT activities.</li> <li>Considered LLF ID/DUoS ID Mapping approach.</li> </ul>		<ul style="list-style-type: none"> <li>Continued monitoring of LDSO DINs progress and review CRs.</li> <li>Continue to undertake data cleanse and preparation requirements.</li> <li>Continue to identify Programme impacts to current BAU processes.</li> <li>Review SIT Functional Approach &amp; Plan.</li> <li>Consider Qualification/Qualification testing requirements.</li> <li>Consider What-After-M10 for the Programme and Programme Participants.</li> <li>Further consider LLF ID/DUoS ID Mapping approach.</li> <li>Start prep on Pre-Qualification Submission required to be submitted by 26th April.</li> <li>Open Day attendance 23<sup>rd</sup> April.</li> </ul>			
	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.		Unknown testing requirements for completion of stages.		Code Body bil-laterals with PPs by the end of March should help.	
	Escalations (priority items for attention and support from the programme)				Action by when?	
	Clarity and resolution on the above				ASAP	
	<b>Risks or Issues</b>		<b>Impacts</b>		<b>Opportunities to resolve and deliver as soon as possible</b>	
	Migration Solution Delivery. No solid design due to the misalignment between functional design and migration design.		Risk of our MPRS provision not meeting start of SIT Migration.		Continued Programme/St Clements Services working to alignment/resolution.	
	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. We are expecting to be in a better position towards the end of March/beginning of April.	
Risk of Suppliers back-ending their P434 data activity and landing volumes on LDSOs.		Inability to meet data cleanse requirements to Programme timescales.		Understanding of Supplier intentions and Programme coordination.		
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.		
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.		
Lack of test data.		Delays to SIT and, potentially, impacting wider milestones.		Timely resolution by the Programme to the lack of test data.		
<b>IDNO Key Milestones (in Round 3 plan)</b>			<b>Round 3 date &amp; confidence level / RAG</b>		<b>Reasons for confidence levels</b>	
<b>For those intending to participate in Systems Integration Testing (SIT)</b>						
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 UMSOs			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.	
<b>For those intending to participate in non-SIT LDSO (qualification) testing</b>						
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 UMSOs			07-Mar-25 [1] High confidence [1] Medium confidence [1] Low confidence		Will gain more confidence when sessions held with programme TA. Expecting potential delays (1 IDNO)	
<b>IDNO Adaptor status</b>						
<b>Decision to use an adaptor</b>			<b>Functional scope of adaptor agreed</b>		<b>Adaptor procurement completed</b>	
Yes [5]      No [0]			MPRS only [1]      Wider [3]		[4xY]      [1xN]	

\*One IDNO budget rated Red.

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	1.73	2.46	22.05
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	0.80	1.55	0.22	0.61	0.74	0.38	0.97	6.65
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	2.85
RECCo Act/Forecast	0.12	0.03	0.05	0.03	0.03	0.04	0.02	0.29	0.05	0.09	0.19	0.26	1.20
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	63.12
Total Act/Forecast	3.80	4.65	4.29	4.14	4.23	4.79	5.76	4.79	4.48	5.35	4.90	6.29	57.47

**Please note:**

- \*Totals: Are as provided by central parties – please note rounding of individual months may result in the sum of all 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

Overarching Costs for MHHS Central Parties FY 24/25

Financial Measure	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	Jan-25	Feb-25	Mar-25	Totals (£m)*
	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m	
MHHS Budget	1.61	1.63	1.61	1.64	1.62	1.64	1.71	1.57	1.51	1.54	1.50	5.98	23.58
MHHS Actual/Forecast	1.61	1.63	1.61	1.64	1.62	1.64	1.71	1.57	1.51	1.54	1.50	5.98	23.58
DCC Budget	3.77			3.51			2.51			0.92			10.71
DCC Act/Forecast†													
Helix Budget	2.59	2.59	2.59	2.59	2.59	2.59	2.59	2.59	2.59	2.59	2.59	2.59	31.2
Helix Act/Forecast	2.59	2.59	2.59	2.59	2.59	2.59	2.59	2.59	2.59	2.59	2.59	2.59	31.2
RECCo Budget‡													
RECCo Act/Forecast													
Total Budget	5.46	4.22	4.20	5.40	4.21	4.23	5.14	4.16	4.10	4.44	4.09	8.57	58.31
Total Act/Forecast													

**Please note:**

- \*Totals: Are as provided by central parties – please note rounding of individual months may result in the sum of all 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
Blank = not provided

Workstream	Progress	Next steps		
		What	Owner	By When
<b>Design</b>	<p>Design queries</p> <ul style="list-style-type: none"> <li>The volume of outstanding calls remains low but consistent</li> <li>Average response time in for the previous period for closed tickets remains at approx. 1wd</li> <li>Interim Release have been reduced in cadence to align with testing releases, IR7 now 31-Jan-24 IR8 3-Apr-24</li> <li>A number of defect release have been issued but as agreed with FTIG IR5.4 with IR5.5 proposed for 3-Apr-24</li> <li>IR7.2 and IR8 will also be published on 3-Apr-24 with effective from dates of SIT Cycle 2 and 3 respectively.</li> </ul> <p>CR036 – Clock-time / UTC</p> <ul style="list-style-type: none"> <li>A webinar was held on 12-Mar-24 covering an overview of the Change of Supplier Process in accordance with the IPA recommendation.</li> </ul>	Continue to answer queries and monitor levels, the nature of the call is moving to testing and data related queries	MHHS	Ongoing
<b>Testing</b>	<p>Placing Reliance</p> <ul style="list-style-type: none"> <li>SIT Functional – Placing Reliance Proposals, review completed</li> <li>Migration testing – submission by PPs</li> </ul>	Submission	PPs	10-Apr-24
<b>Testing</b>	<p>Testing documentation in progress/published in last month:</p> <ul style="list-style-type: none"> <li>SIT Migration Theme 1 (Forward Migration), achieved 20-March SITAG Approval</li> <li>SIT Migration Theme 2 (Reverse Migration), completed Industry Consultation</li> <li>SIT Migration Theme 3 (Import/Export MPANs &amp; Exception Handling) in Industry Consultation</li> <li>SIT Non-Functional Test Approach and Plan, in Industry Consultation</li> <li>SIT Operational Test Approach and Plan, on track for Industry Consultation</li> </ul>	<p>Apr SITWG Apr SITAG Apr SITWG Apr SITAG Extraordinary NFTWG May SITAG Industry Consultation May SITWG May SITAG</p>	<p>MHHS MHHS MHHS MHHS MHHS MHHS SIT PP's MHHS MHHS</p>	<p>04-Apr-24 17-Apr-24 04-Apr-24 17-Apr-24 30-Apr-24 15-May-24 27-Mar-24 01-May-24 15-May-24</p>
<b>Testing</b>	<p>Test Data</p> <ul style="list-style-type: none"> <li>SIT Functional – test data loaded and available for SIT Functional start</li> <li>Settlement test data – in development</li> <li>Migration test data – in development</li> </ul>	<p>DWG Data available DWG Data available</p>	<p>MHHS MHHS MHHS MHHS</p>	<p>04-Apr-24 31-May-24 04-Apr-24 31-May-24</p>
<b>Sims &amp; Ems</b>	<ul style="list-style-type: none"> <li>Successfully delivered IR7 and IR7.1 uplift to DIP Simulator on 22<sup>nd</sup> March</li> <li>Resolved several issues and potential risk areas for LDSO Test Harness, in collaboration with Qualification Team</li> <li>Progressed with the 'Vertical Slice' phase of the LDSO Test Harness</li> </ul>	<p>Complete future Design uplifts (e.g. IR5.x or IR7.x) Continue resolving any risk areas issues for LDSO Test Harness Complete 'Vertical Slice' phase of LDSO Test Harness development</p>	<p>MHHS MHHS MHHS</p>	<p>Apr-24 Apr-24 Apr-24</p>
<b>Transition</b>	M10/M11 Cutover Plan development	MCAG approval	MHHS	28-May-24
<b>Transition</b>	Monitoring of progress on the Data Cleanse Plan	Ongoing		

## FTIG meetings

- Focus of sessions is on later SIT stages
- Recent key topics:
  - Secondary routing testing progress
  - SIT Functional Preparation work off plan
  - Environments for Settlement and Migration testing
  - SIT Migration Preparation readiness
- Good engagement from CCPs and PPs
- Open & transparent discussion on the above topics both in FTIG and in associated bilaterals
- Moved back to a fortnightly 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



# MHHS Programme – Code Workstream Summary



## 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 is ongoing.



## March Summary

- Triage and action 400+ consultation comments
- Continue M7 with Ofgem and Code Bodies
- Continue M8 planning with Code Bodies



## April Deliverables

- Assure consultation comments
- Finalisation and consistency check
- 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 06 March 2024**  
**New Advisory Groups:** PSG approved the ToRs of the new SITAG, MCAG, and QAG.  
**CR036 Appeal Decision:** IPA advised they had not seen evidence that overturning the original CR036 decision outweighed the impacts of doing so. Recommendations on improvements to the Programme change process have been provided to the Programme and the IPA recommend a wider industry review of the discrepancies in the use of UTC/Clock Time.  
**Change Control:** SRO approved improvements to the MHHS Change Control Approach in response to the IPA's recommendations. The updates will be implemented via a housekeeping CR, and detail on the improvements can be found within the PSG meeting papers.  
 PSG papers available [here](#).

Design Advisory Group (DAG)

**DAG 13 March 2024**  
**Interface Code of Connections (CoCo):** SRO approved updated CoCo for publication as v1.4  
**CR043 Decision:** SRO approved CR043 (Supplier Registration of ABMU and MPAN [Mapping](#)) for publication in IR8)and testing schedule to be determined.  
**CR044 Impact Assessment (IA):** SRO approved CR044 (Implementation of 'Data Refresh' [Message IF-051](#)) for IA.  
**CR045 IA:** SRO approved CR045 ([Supply Start Date \(SSD\) Correction Tool](#)) for IA, subject to a strawman solution being issued alongside the CR for IA.  
**CR045 IA:** SRO approved CR046 ([Enabling Metering Point Energy Flow to be changed more than once](#)) for IA, with view to be solicited on implementation date.  
 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 20 March 2024**  
**SIT Migration Test Scenarios (TS) & Test Cases (TC):** SRO approved the Theme 1 (Forward Migration) TSs & TCs.  
**SIT Functional Preparation Work-Off Updates:** Programme provided updates on SIT F Prep work-off, per the meeting slides.  
**IPA Updates:** IPA provided overview of volume of assurance recommendations made since April 2023, noting the majority have been implemented.  
**Milestones:** SRO approved change of delivery date for Programme milestone T3-TE-0092 (Environment Approach and Plan - SIT Non Functional).  
 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 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

**MHHS Programme Collaboration Base and Website updates:**  
 We've updated the [Migration](#) section and renamed it **Migration & Transition**. Here you can find everything relating to **Migration**, as well as a new section on [Transition](#) and moved [Qualification](#) higher up in the navigation, so it has its own dedicated section on the top-level navigation.

- Participant Checklist:**
- 1.REMINDER: Design Interim Release 8 Objection cut-off - the deadline is **today, Wednesday 20 March 2024**
  - 2.Systems Integration Testing (SIT) Migration Theme 3 Test Scenarios & Test Cases - the deadline is **today, Wednesday 20 March 2024**
  - 3.Environment Approach & Plan Industry Review - the deadline is **tomorrow, Thursday 21 March 2024**
  - 4.REMINDER: Licensed Distribution System Operator (LDSO) Import/Export Meter Point Administration Number (MPAN) matching deadline - the deadline is **Friday 22 March 2024**
  - 5.REMINDER: Pre-Integration Testing (PIT) Deliverable Submission Timelines - the deadline is **Friday 22 March 2024**
  - 6.NEW! Change Request CR044 issued for Impact Assessment - the deadline is **Thursday 28 March 2024**
  - 7.NEW! Change Request CR045 issued for Impact Assessment - the deadline is **Thursday 28 March 2024**
  - 8.NEW! Change Request CR046 issued for Impact Assessment - the deadline is **Thursday 28 March 2024**
  - 9.SIT Non-Functional Test Approach & Plan - the deadline is **Tuesday 2 April 2024**
  - 10.Qualification Approach & Plan (QA&P) Annex 2 Consultation - the deadline is **Friday 5 April 2024**
  - 11.Non-SIT Supplier & Agent Qualification Testing Test Scenarios Consultation - the deadline is **Friday 5 April 2024**
  - 12.Migration Framework Consultation - the deadline is **Monday 8 April 2024**
  - 13.REMINDER: Pre-Qualification Submission - the deadline is **Friday 26 April 2024**
  - 14.Change Request CR043 approved by the Design Advisory Group (DAG)
  - 15.MHHS Non-Functional Testing Policy published
  - 16.Swaggerhub Portal errors
- You can view the **Participant Checklist** on the respective **Planning pages** of the [Collaboration Base](#) and the [MHHS website](#).

- Upcoming Governance Meetings:**
- Tuesday 26 March 2024:** [Migration & Cutover Advisory Group \(MCAG\)](#)
  - Wednesday 27 March 2024:** [Cross-Code Advisory Group \(CCAG\)](#)

- Upcoming Events:**
- Non-Systems Integration Testing (SIT) Supplier and Agent Qualification Testing Functional Test Scenarios Walkthrough: 25 March 2024**
  - Non-Systems Integration Testing (SIT) Supplier and Agent Qualification Testing Functional Test Scenarios Walkthrough: 25 March 2024:**
    - Thursday 4 April 2024 at 11:00 – 12:00**
    - Tuesday 9 April 2024:** there will be a session at the end of the Qualification Working Group
    - Wednesday 17 April 2024 at 14:00 – 15:00**
  - REMINDER: MHHS Open Day: 23 April 2024**



### Testing

- The PPC Team helped facilitate the start of SIT Functional by preparing readiness sessions for DITL and ADO.
- The PPC Team are assisting the Test Data and Testing team with communications coordination for the upcoming consultations on SIT Non-Functional Test and Test Data Approach and Plan and SIT Operational Test and Test Data Approach respectively on 26 and 27 March. PPC team are also helping coordinate the release of the MPAN Tracking tool to assist parties with Test Data.
- The PPC team has supported with the facilitation of the SIT Migration Review Workshops and is managing the publication of Test Scenarios and Cases for industry review.
- **Next Steps:** Preparation for upcoming consultations and continued communications support for SIT Functional execution.



### Qualification

- Pre-Qualification Submission (PQS) webinar held with positive feedback from participants and good engagement with 170 attendees. The Code Bodies have also agreed to host PQS drop-in sessions in April to support participant's queries and completion of the form.
- The Code Bodies have released the Non-SIT Supplier & Agent Qualification Testing Test Scenarios for consultation which is being supported by a walkthrough session on 25 March. PPC expect good attendance at this session to support participant understanding of the scenarios and engage them on their responsibilities and planning for Qualification Testing.
- Participants have fed back a number of queries and comments on the latest update to the PIT Guidance document which has additional Qualification Testing elements included. This is a priority item that participants need to be comfortable with in order to complete the PQS. PPC are working with the Code Bodies to set up a walkthrough session of the document.
- **Next Steps:** facilitate and support Qualification Approach & Plan Annex 2 and Qualification Testing Test Scenarios consultation and engagement with the PIT Guidance



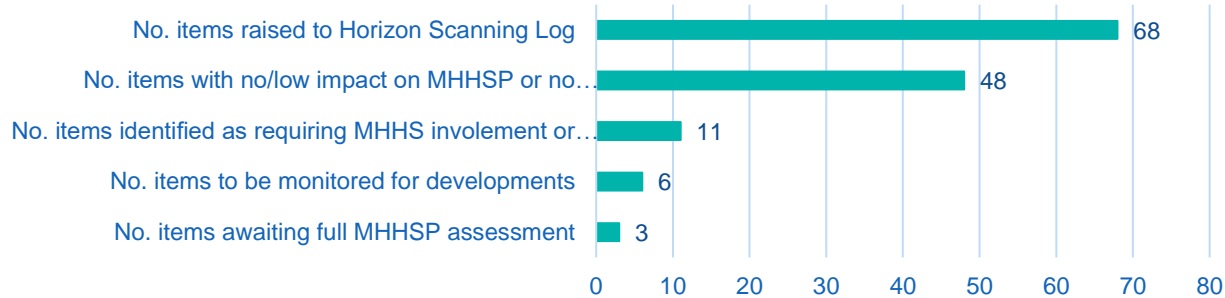
### Targeted and Tailored Communications

- The PPC team have supported three webinars recently – the PQS webinar, the Change of Supplier process & the Change Request 47 & Change Request 48 webinar. All three webinar were well attended and received positive feedback. Participants noted they felt in a better position to respond to the PQS and Impact Assessments for the Change Requests presented.
- Planning is well underway for the Open Day on 23 April 2024 which will focus on Qualification, Transition and Migration. A first draft of slides are due from Agenda Leads by COP Friday 22 March.
- Phase 3 of the communication channel improvements has been presented to SRO and includes a new look to the Collaboration Base and website navigation, which is now live.
- **Next steps:** Continue to develop the Open Day agenda for April. Continue the Phase 3 improvements on the Communication Channels.

**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



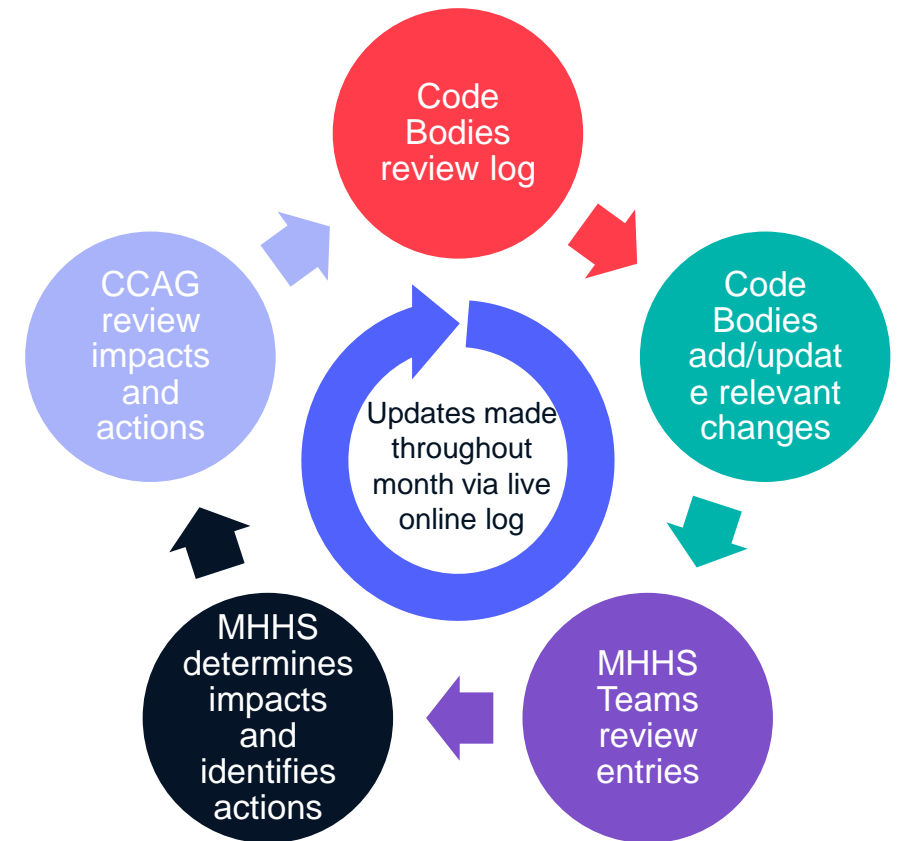
More information can be found via the [CCAG meeting papers](#)

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

- Industry code changes: 68** – REC: 34, BSC: 15, DCUSA: 11, SEC: 5, CUSC: 3
- 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 MHSP. Updated change control process is under review.
- **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 has been conducted to assess separation plan's operating effectiveness and whether it remains fit-for-purpose for future phases. The draft report is currently being reviewed and agreed with the SRO team.
- **DBT2 Risk Assessment (WP14)** - Review of DBT2 scope/risks to inform any additional assurance activities has been performed. Key recommendations to be shared with PSG.

### Stage-Based Assurance

- **Test Assurance (WP9) "Period 5 (P5)" - Complete** - Presented P5 findings to support decision making process for SIT Functional at SITAG and FTIG. **"Period 6 (P6)" - In progress** - Preparing and mobilising P6 assurance activities. Held initial session with LDP to discuss the remaining phases of SIT.
- **Qualification (WP12) - In Progress** - Continued monitoring over preparation activities for Qualification Testing.



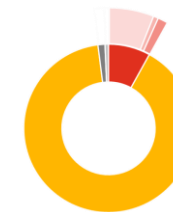
## Upcoming Assurance Activities

- **Period 6 (WP9/10/11)** - Scoping for P6 assurance period. This will include, progress through SIT F, preparations for SIT M and Qualification preparation.



## Assurance Action Status

Overall, 150 actions are agreed with the Programme team or Participants to date.



- 135 are **completed**
- 2 are **agreed but not started**.
- 1 is **expired**
- 12 are **in progress**, out of which

2 are overdue by 1-3 months	1 is overdue by <1 month	9 are within their due date
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Below is the trend of actions opened and completed within the last period.

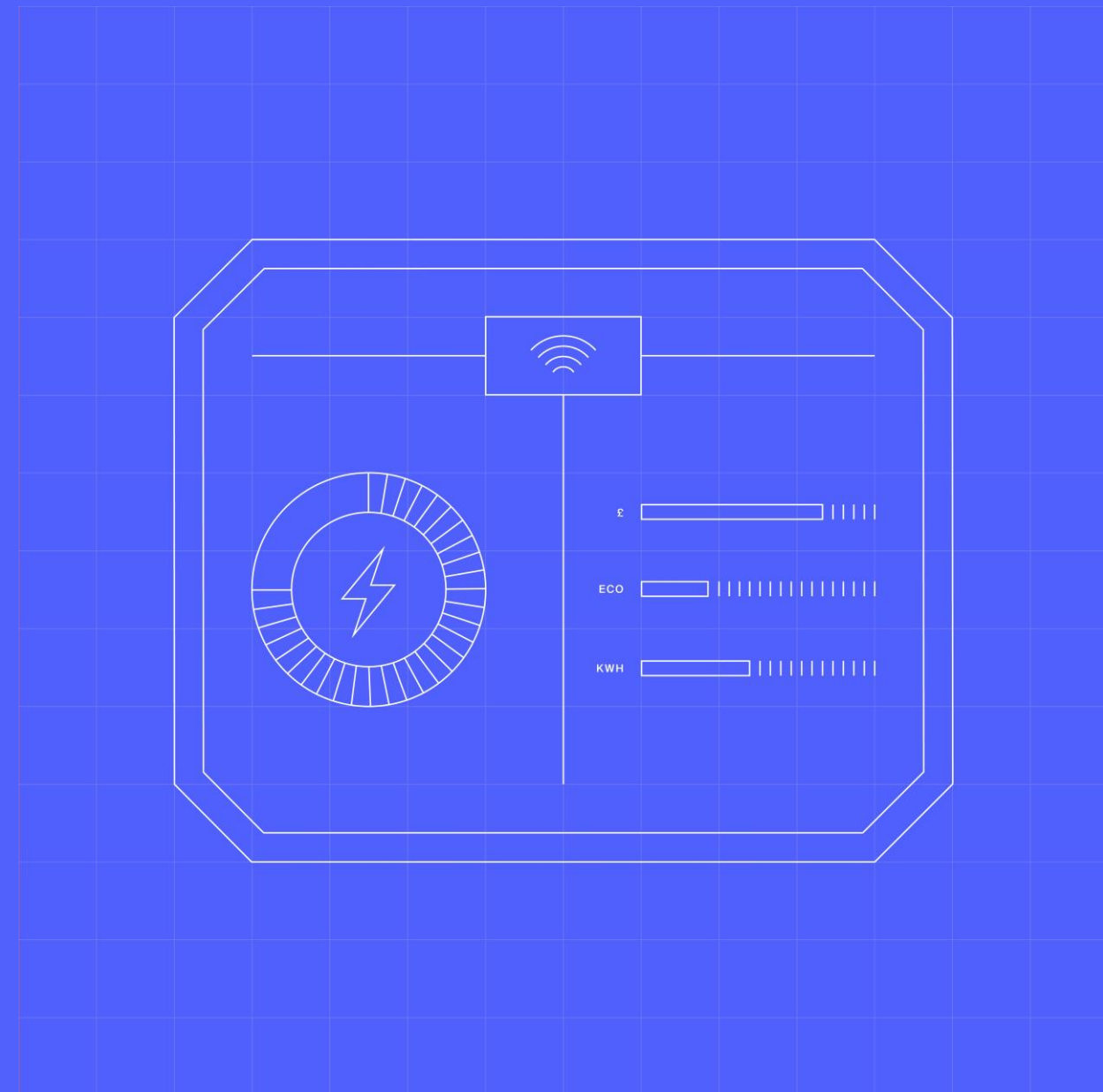
New actions opened and trend	22	↑
Actions completed and trend	24	↑

# 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: **01 May 2024 10:00 – 12:30** (virtual)
3. MHHS Open Day: 23 April 2024

### 01 May 2024 agenda items

- Qualification Testing
- Testing Updates
- Migration Updates
- MHHS Open Day Summary

### Standing items

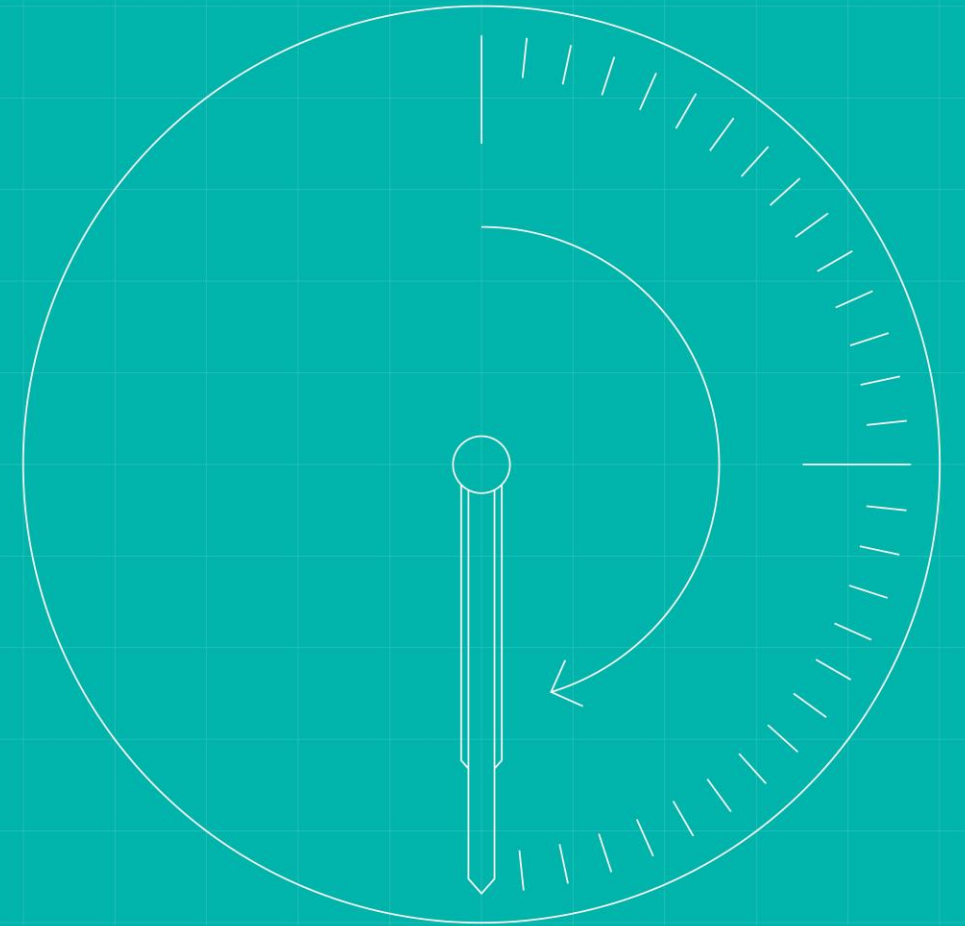
- Minutes and action review
- Sponsor update
- Programme reporting
- Delivery dashboards
- Summary and next steps

If you would like to propose an agenda item for the PSG, please contact the PMO at [PMO@mhhsprogramme.co.uk](mailto:PMO@mhhsprogramme.co.uk)

**Thank you**



# Appendix



## New Advisory Groups Update

System Integration & Testing Advisory Group (SITAG)	
Monthly cadence: <b>Third Wednesday of the month</b> First Meeting: <b>Weds 21 Feb 2024</b>	
Representative	Seat Filled
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: <b>Fourth Tuesday of the month</b> First Meeting: <b>Tues 27 Feb 2024</b>	
Representative	Seat Filled
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: <b>Third Thursday of the month</b> First Meeting: <b>Thurs 15 Feb 2024</b>	
Representative	Seat Filled
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