
Programme Steering Group #38

06 November 2024

Agenda

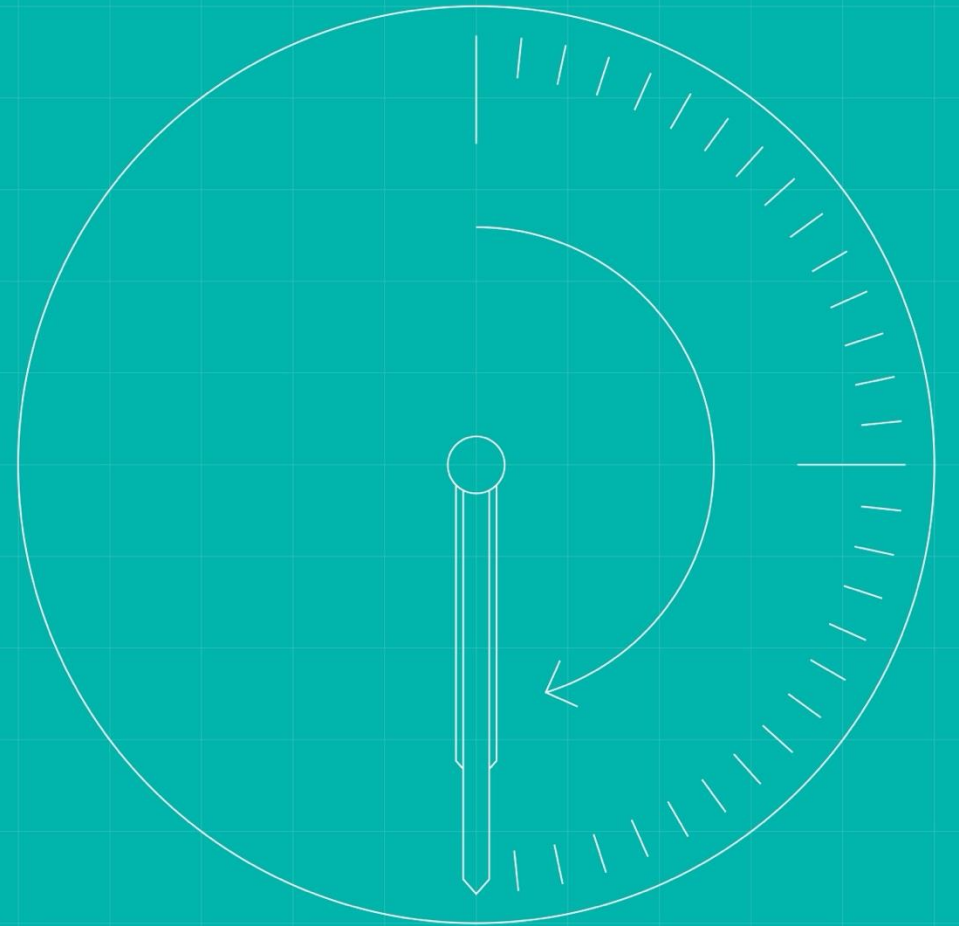
#	Item	Objective	Type	Lead(s)	Time	Page
1	Welcome		-	Chair	10:00-10:05 5 mins	1
2	Headline Report and Actions	Approve headline report of previous meeting and actions review	Decision	Chair & Secretariat	10:05-10:15 10 mins	3
3	Sponsor Update	Verbal Update from Programme Sponsor	Information	Sponsor (Ofgem)	10:15-10:20 5 mins	5
4	Programme Update -Testing	Updates from the Programme on SIT	Information	Programme (Keith Clark)	10:20-10:40 20 mins	6
5	Change/Design Management post M10	Update on Change/Design Management post M10	Information	Programme (Claire Silk)	10:40-10:50 10 mins	13
6	Risks and Issues	Update on risks and issues post CR055	Information	Programme (Keith Clark)	10:50-11:00 10 mins	15
7	Programme Change Requests	Decision on CR057	Decision	Programme (PMO)	11:10-11:20 10 mins	20
8	IPA Update	IPA to provide update post CR055	Information	IPA	11:00-11:10 10 mins	22
9	Delivery Dashboards	Questions from PSG members on delivery dashboard content	Information	Chair	11:20-11:40 20 mins	27
10	Summary and Next Steps	Summarise actions and decisions, and look ahead to next meeting	Information	Chair & Secretariat	11:40-11:45 5 mins	57
	Appendix	RAID Theme Slides				

Headline Report and Actions

DECISION: Approve minutes and review actions

Chair & Secretariat

10 mins



Headline Report and Actions

1. Approval of [PSG 02 October 2024 Headline Report](#)
2. Review of actions:

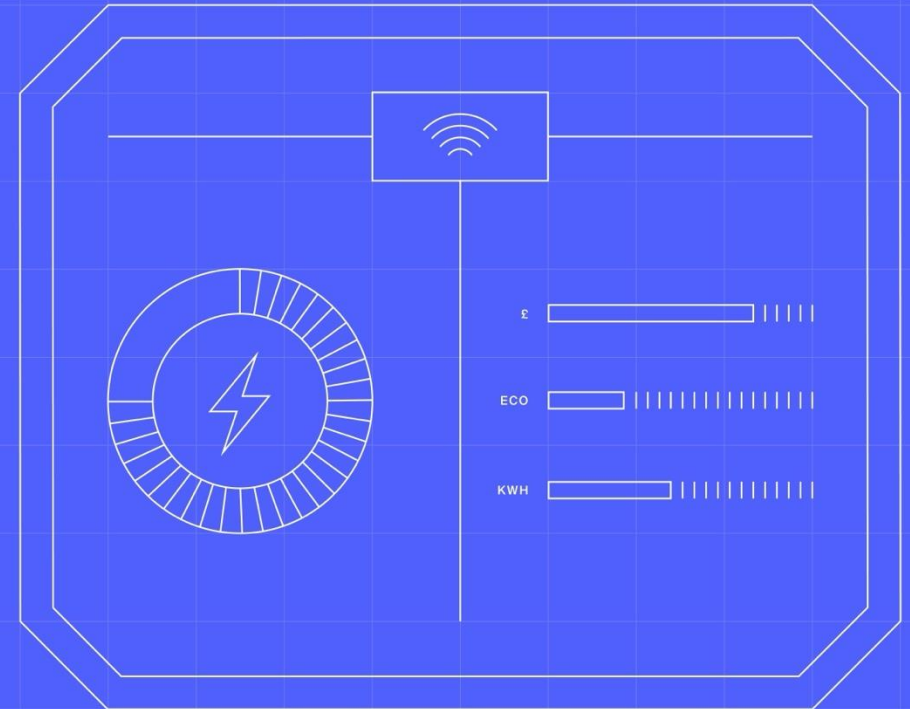
Ref	Action	Owner	Due	Latest Update
PSG37.2-01	Programme to support Code Bodies with comments made by St. Clements on CR056	PMO	06/11/2024	ONGOING: Programme has passed St. Clements comments on to Code Bodies and are supporting as appropriate.
PSG37.2-02	Programme to clarify that all supporting documents for CR055 are still valid when issuing further communications with Programme parties.	Programme	06/11/2024	RECOMMEND CLOSED: Programme confirmed that all supporting Documents for CR055 and assumptions are still valid as part of the the e-PSG 37.2 Headline Report published 21 October 2024.
PSG36-02	Programme to analyse and provide clarity over the number of additional test Cases in RTTM Gap Analysis.	Programme	02/10/2024	ONGOING: Programme has provided updated RTTM for SIT Functional to Code Bodies (including confirmation of additional test cases where the programme deems the associated requirements testable) and the accompanying SIT Migration RTTM is being provided on 30-Oct-24.
PSG36-04	Programme to explore ways to display the status of the overall Programme.	Programme	02/10/2024	RECOMMEND CLOSED: Slide displaying Programme Status by workstream added as of October PSG Delivery Dashboards.
PSG34-01	Elexon Settlement Analysis model to be issued to Participants as soon as constructed and to update Participants on any changes to the 4-week construction timeline.	Programme / Elexon	07/08/2024	ONGOING: Elexon have now received additional MPAN data from further suppliers which can be used within the Settlement modelling contracted. This adds to the range and coverage of the model. Build work is therefore now starting and expected to be published by the end of November. Elexon to discuss the most effective way to share the resultant model with industry rep stakeholders and the MHHS Programme Team.
PSG34-02	Programme to provide an update on post-M10 Change Management.	Programme	07/08/2024	RECOMMEND CLOSED: Programme to provide update at PSG 06 November 2024.
PSG33-01	Programme to provide information on expectations on parties post-M10 to support resourcing and management view.	Programme	03/07/2024	ONGOING: The Programme is leveraging the timeline extension provided by CR055 to re-assess the ELS model in conjunction with all the enduring service owners and code bodies in order to ensure that the ELS model is robust enough to support Programme outcomes post M10.

Sponsor Update

INFORMATION: Verbal Update from Programme Sponsor

Programme Sponsor (Ofgem)

5 mins

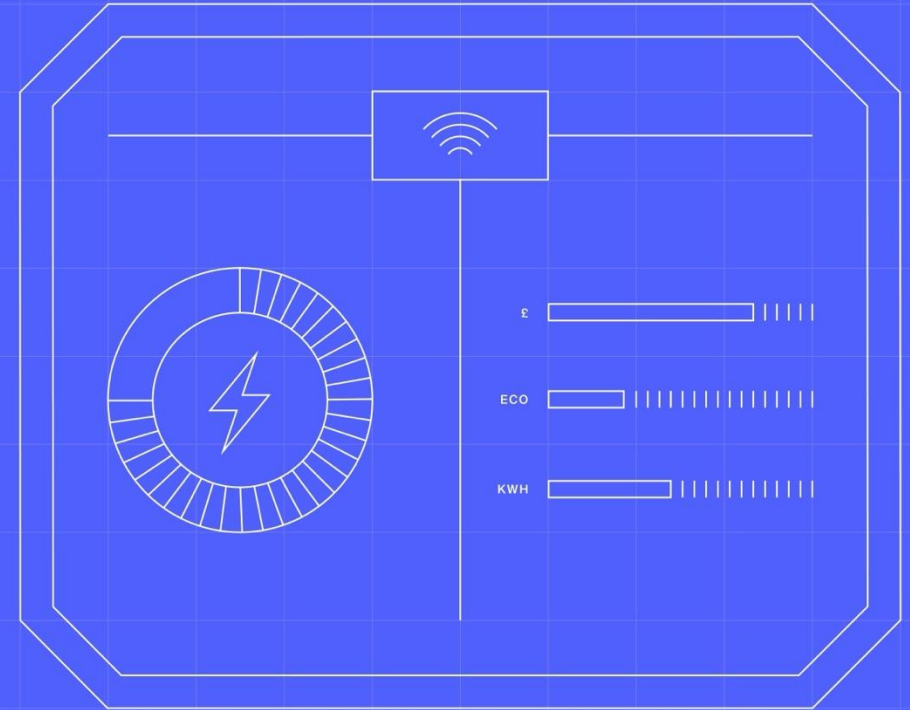


Programme Update - Testing

INFORMATION: Updates from the Programme on SIT

Programme (Keith Clark)

20 mins



Overview of Cycle 3 progress SIT Functional & SIT Migration Testing – as of close of business 1st November 2024 (end of Sprint 5)

SIT Functional Testing (excl. Settlement)	Cycles 1 to 3 – Actuals vs. CR055 model		
	Test Points Passed	MVC Test Points Target (to end of Sprint 5)	% Achievement as of 31 st October
Cohort A (MVC)	2800	3165	88%
Cohort B (MVC)	2880	3165	91%
Cohort C	2310	3165	73%
Cohort E	1260	3165	40%
Cohort F (MVC)	2560	3165	81%
Cohort G	1660	3165	52%
Cohort H	1480	3165	47%
Cohort J (MVC)	2340	3165	74%

SIT Migration Testing	Cycles 1 to 3 – Actuals vs. CR055 model		
	Test Points Passed	MVC Test Points Target (to end of Sprint 5)	% Achievement as of 31 st October
Cohort A (MVC)	3290	2835	116%
Cohort B (MVC)	3170	2835	112%
Cohort C	1040	2835	37%
Cohort E	900	2835	32%
Cohort F (MVC)	3480	2835	123%
Cohort G	1320	2835	47%
Cohort H	2400	2835	85%
Cohort J (MVC)	1640	2835	58%

SIT Functional Testing (excl. Settlement Testing):

- 60% of assigned Cohort Sprint 5 tests are executed or in progress so far (29% Passed / 30% Paused)
- Defects continue to be found; Week 2 SIT execution was affected by a domain expiry issue impacting all tests involving BUUK and SSEN
- Tests passing (and therefore points achievement) has been lower than anticipated for the Sprint in comparison to 4.1 and 4.2 completion sprints. Acknowledging that Cohorts needed to re-start tests following the IR8 uplift and the impacts of the BUUK and SSEN outages over a 3-day period in week 2
- Failure rates are currently low and circa a third of Paused tests have the potential to conclude by the end of the Sprint, any remaining in progress, or not started, will be carried over into Sprint 6

SIT Migration Testing:

- 73% of assigned Cohort Sprint 5 tests are executed or in progress so far (30% Passed / 43% Paused). A quarter of Paused tests have potential to conclude by Sprint end
- Low failure rates, but impacted by the same factors as SIT F

Overall (end of Sprint 5):

- CR055 (MVC) model for SIT Functional and SIT Migration (combined) expects 1300 Sprint 5 test points passed and a cumulative position of 6000 since the start of SIT
- 3 MVC cohorts met the cumulative model of 6000 points (between 100% and 102% achievement) but noting that this has been aided by above-model performance in Sprints 4.1 and 4.2. Only one of these cohorts met a Sprint 5-only target (in SIT Migration).

Overview of Cycle 3 progress SIT Settlement Testing – as of close of business 1st November 2024 (end of Sprint 5)

- Progress against SET-1 Test Cases for ‘settling normally’ has been made, but continues to be slow
 - High level of defects have continued to be found, 51 defects in Sprint 5 alone – including a Clock Change defect
 - although significant progress has been made to date on execution of the initial, complex E2E test case covering the full BAU business process for ‘settling normally’ which will occur every day in production environment post go-live
 - completion of this single test case will be a major achievement and will deliver a high level of confidence for Settlement Testing, noting that all other test cases using the same settlement output reports but with variations to cover various change conditions that can occur in BAU
 - Missing Helix Output Reports have now been delivered
 - 2 reports for REP-007 and REP-003A being tested by Cohorts as part of the ‘settling normally’ test case
 - 2 reports for REP-020(D0357) and REP-080(P0210) are being tested by Helix and EMRS / ESO via the 2 related test cases
 - Awaiting Helix plan for EMRS and ESO tests - testing for the EMRS report is being undertaken on the assumption that CR059 is approved (currently in impact assessment)
- Delivery approach, setting out sequencing, priorities and target schedule has been reviewed with IPA and has been shared with FTIG on 1st November
 - SET-1 tests are the first priority, and cohorts are expected to start passing these tests in early Sprint 6 (if no further defects found)
 - In order to get ahead of subsequent testing and de-risk progress, all 21 SET-2 test cases have now been allocated to at least 2 cohorts and 17 of those tests have been started
 - 3 of 13 SET-3 tests have also been allocated, to give visibility; 1 has started although few will be, at this point
- Daily Settlements Testing Daily Stand Ups have been set up, continue and are proving very useful

Update on Domain Expiry

Problem statement

- There is a requirement that PPs organisations re-verify their domain with Global Sign. It was not previously understood that this activity would need to be undertaken on an annual basis (from the date that the initial domain verification occurred).
- In conjunction with this activity, PPs were also required to renew certificates (mTLS and/or message signing certificates) as they also have a yearly expiry.

What was the impact

- PPs were not aware of the domain re-verification activity resulting in Global Sign revocation, leading to PPs not being able to communicate with the DIP.
- 3 central PPs were impacted (those that on-boarded before others); some but not all recovered their position quickly, with support.

What is the current status

- The PPs impacted were required to operate a process, supported by Avanade, to re-verify the domain and submit a new Certificate Signing Request (CSR).
- Those impacted PPs have now completed the process and DIP connectivity has been restored.
- All PPs will need to undertake this activity in line with the annual date on which they initially on-boarded to the DIP.

Learnings (next slide)

Update on Domain / Certificate Expiry

- As called out in the previous slide, the domain verification requirement was not understood as a process. This came as a surprise to both PPs as well as Avanade and the Programme.
- We are discussing options with GlobalSign to assess whether or not this needs to be annual activity. We will provide updates once a solution is agreed. This is a key operational aspect that we intend to cover in SIT Operational Testing to ensure all participants are aware and comfortable with the process.
- We were in the process of issuing out comms to articulate the certificate renewal process. The domain verification issue indicated that this step predicated the certificate renewal process and needed to be undertaken first.
- We have had some learnings from the domain expiry issue faced earlier this week
 - Availability of key users to undertake the necessary steps
 - Availability of Avanade support should there be a need for technical support
- Keeping both these aspects in mind, we've decided to undertake a controlled and staggered exercise to ensure all SIT PPs can complete this exercise with minimal impact to testing.
- You will receive emails asking to schedule in slots to undertake the domain verification and certificate renewal. The schedule is based on the proximity of the expiry. As SIT PPs onboarding was based on CIT intervals, this schedule will follow a similar pattern. Some organisations should have received the communications already. We will be issuing out the remainder of the emails over the next 2 weeks.
- The email will highlight the users you would need to undertake this activity. Our request would be to ensure that you have the relevant individuals aligned to join the above-mentioned sessions.
- Once this exercise is complete, we will issue the complete instruction set so that it is available for future reference.

Update on IR8.4

- Within IR8.4 DIN-1112 'Correlation ID for Related / Linked MPANS Within PUB-036' was raised to address a design defect
- This issue has continued to block 98 test cases where they relate specifically to 'linked' / 'related' MPANS:
 - SIT Functional = 74 Tests (2610 Points)
 - SIT Migration = 24 Tests (2400 Points)
- We advised FTIG that several options were considered in addressing this issue; the chosen option limited updates to St Clements Services (MPRS) and Avanade (DIP) to avoid a broader impact on all Participants
- The updates to both systems involves a significant amount of development and testing, including updating rules around secondary routing
- Both participants have now confirmed that development, testing and deployment will be achievable by the end of November to allow restarting of the blocked tests to commence from Monday 2nd December
- Formal notification of specific deployment outages and to restart the blocked tests will be issued by Test Coordinators nearer the time.

SIT – other topics

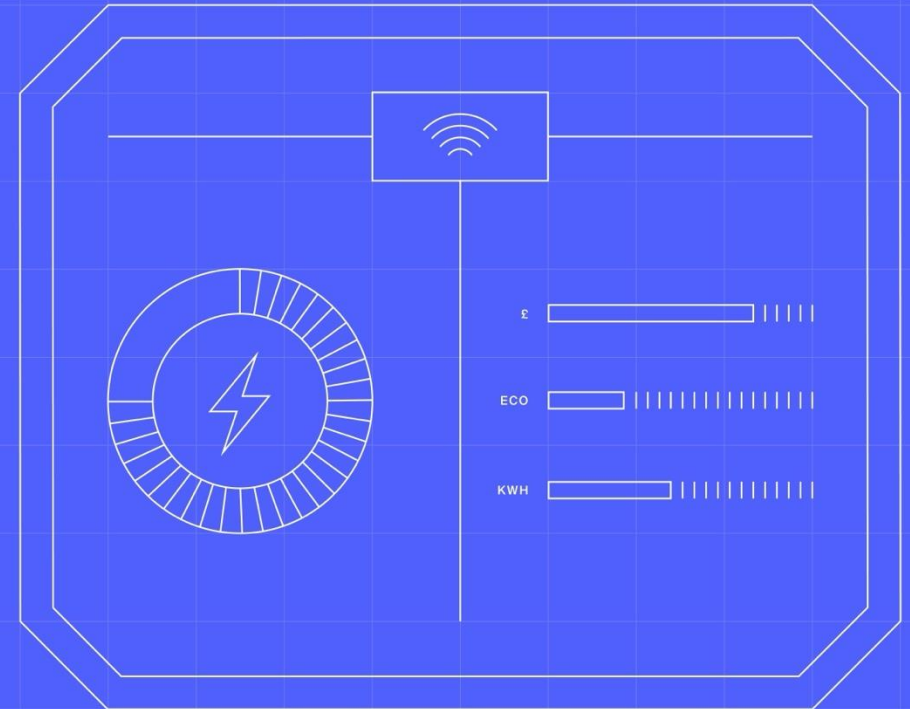
- **Reduction of requirement for Participants to provide test evidence**
 - This is to help speed up test velocity; approach and principles were agreed with all stakeholders and implemented
 - Sprint 5 has seen this change start to take effect but is not yet implemented across many test cases in Sprint 5 although the Sprint 6 position is expected to be better
- **Test case rationalisation**
 - This exercise is outlined in the programme plan being published on 30th October
 - Where the same requirements are being tested in the same way by multiple tests, these are candidates to be removed from scope
 - Approach and principles for this work have been shared with FTIG and will be shared with SITWG on 7th November
 - It is clear that any proposed removal of tests from SIT scope must be reviewed with all key stakeholders, including Participants, so that there is acceptance that quality and risk are being adequately managed
- **Regression testing**
 - A proposed approach for the selection of candidates for regression testing has been shared with FTIG and will be shared with SITWG on 7th November
 - Programme plan contains information related to the path to reaching clarity on regression scope

Change/Design Management post M10

INFORMATION: Update on Change/Design Management post M10

Programme (Claire Silk)

15 mins



MHHS Change Governance Post M8/M10

Progress update:

Discussions underway between the MHHS Programme and the Code Bodies around the following guiding principles:

1. *All changes will be progressed through the relevant Code Body BAU process*
2. *Any changes that will result in MHHS system change for Participants will not be progressed for implementation ahead of M15, unless agreed, with the MHHS Programme**
3. *During the transition period, between M10 and M15, any emergency changes that are required to fix issues or defects will be managed through an issue resolution group operating on a 'fix-first, codify later' basis. (This aligns with the model introduced in the Faster Switching Programme and is recommended by Ofgem).*

** There is general consensus that any unnecessary system change should be avoided, and that Code Bodies will take into consideration MHHS Programme impact assessments, however, further discussion is required to determine the process in the event that agreement cannot be reached.*

Further workshops are scheduled to focus on aligning activity across development of the Service Management Design, the Early Life Support Model and the Change Governance processes.

Programme RAID Items

R998: There is a risk that the Code Bodies will progress changes that will drive system change for MHHS participants during the transition period which may slow down Participant progress through qualification and migration, impacting MHHS delivery.

R999: There is a risk that the Incident Management and Emergency Change processes defined by Elexon as part of the Service Management design may not provide effective resolution of cross-party issues as Elexon do not have the necessary authority over other Code Bodies and Central Parties to take decisions where consensus cannot be achieved.

Next Steps:

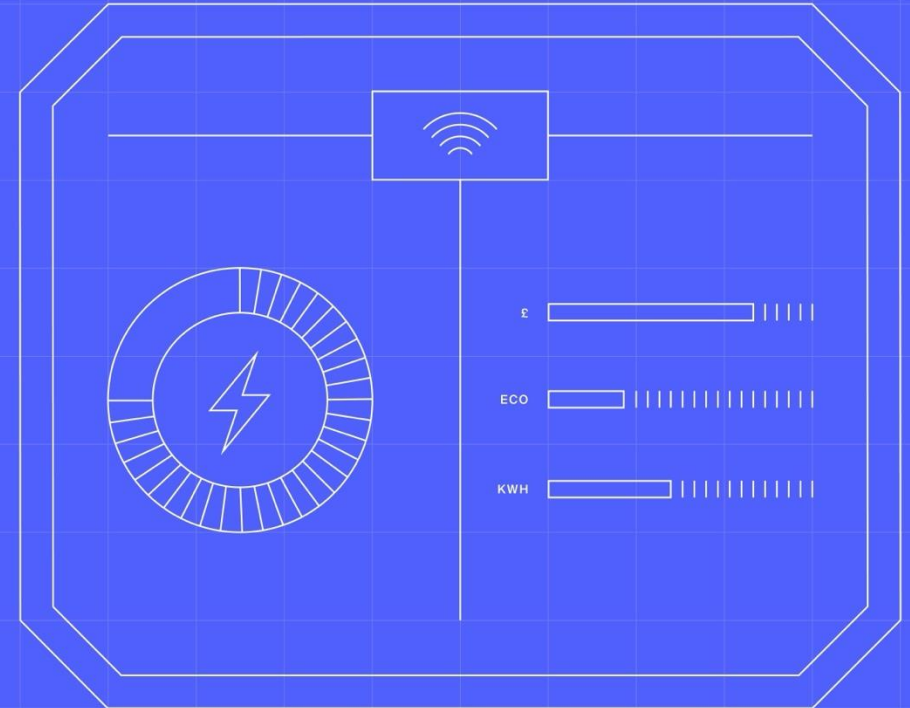
- Review of TORWG agenda roadmap to socialise and gain endorsement of proposed post M10 processes- Service Management, Early Life Support & Change Governance
- Agreement around handover of Programme deferred changes to Code Bodies and communication to industry Participants.
- Review of Code Obligations to ensure clarity of authority and mitigation of risks.

Risks and Issues

INFORMATION: Update on risks and issues post CR055

Programme (PMO)

10 mins



Overall RAID Summary: Key Strategic Themes

RAID Summary & Mitigations				
<ul style="list-style-type: none"> SIT Execution: SIT execution delays have been mitigated by CR055 rebase lining. However, risks remain active for SIT Operational due to the status of Helix activity and assurances. M10 Readiness: Programme continuing to engage with the Code Bodies to ensure the ELS Model is signed off and can therefore be implemented. Continued assurance of the Service Design which is carried out by Elexon and asking Elexon to bring regular updates to Industry via TORWG. 				
RAID ID	RAID Description	Current Score	Mitigation Plan	Theme
R992	There is a risk that SIT Operational testing will be delayed if PPs have insufficient time to digest / apply industry interactions to be defined in the Helix Service Operating Manual before the start of SIT Operational	High	<ol style="list-style-type: none"> Programme reviewed and commented on Helix Service Management plan and is collaborating with Helix to finalise version of the plan to incorporate into Programme Plan with appropriate dependencies and any PP activities This will need to be socialised with industry to ensure robust delivery plan in place. 	SIT Operational Readiness
i188	Current RTTMs require development to assure that SIT (and eventually Qualification) scope covers programme requirements across all roles.	High	<ol style="list-style-type: none"> SIT F and SIT M RTTMs have been produced and role-based test case gaps have been identified – with remaining scripting to be completed by 04-Nov for SIT F and soon after that for SIT M (date tbc). SIT F drafts have been shared with PPs and Code Bodies. 	RTTM Development
R958	Programme may not have ability to deliver Programme-owned Milestones after M10, following the decision on post-M10 Change Governance Authority. It is recognised that if the Programme does not have responsibility for the Change Process and Governance, there is a risk Programme milestones will fall into a Change Process the Programme cannot control the speed of, thus impacting timeline.	High	<ol style="list-style-type: none"> Ongoing engagement with Code Bodies and Ofgem Discussions with Ofgem ongoing, awaiting Ofgem direction / decision on the best approach for post-M10 Change Process. 	Post M10 Change
R770	Elexon may not be ready for and Handover, as this requires further scope and an integrated and holistic plan, including required engagement with industry.	High	<ol style="list-style-type: none"> MHHSP feedback on Service Design Document and Low-Level Service Designs remains to be addressed particularly demonstration of interaction and engagement with industry for Service Management. High-level Elexon Service Management plan incorporated into CR055 Programme Plan, reflecting delay to SIT Operational start (to Feb-25) and approval of SIT Operational test materials to Dec-24 SITAG. Conversations initiated with Elexon DIP Manager to agree ownership, scope and delivery of Qualification Assurance of Non-Functional Requirements. 	M10 Readiness
R966	There is a risk that Code Drafting over and above the M6 baseline will be required for Service Management to ensure industry parties are appropriately obligated to take action	High	<ol style="list-style-type: none"> Once the requirements on industry parties are clearly set out in the service management design documentation, take requirements to CCAG to get codified. Meeting convened 30-Oct between MHHSP, BSC Code Manager, Elexon legal and Helix Service Management to discuss. Elexon to consider and next meeting 13-Nov to consider position. 	Code Drafting for Service Management
R995	There is a risk that Non-Functional Testing may not start on time due to Settlement Testing not completing. <i>(Converted from an Issue to a Risk)</i>	High	<ol style="list-style-type: none"> CR055 (including its 6 week SIT extension) has been recommended for approval from PSG to Ofgem. It is agreed that PPs and Programme will work off the CR055 timelines as the new baseline as we await Ofgem decision (estimated before end of year but not confirmed) Therefore this risk has been mitigated by the updated, realistic timeline – reason for score reducing 	Settlement Testing
R994	SIT will not be completed in line with the Programme Plan <i>(Converted from an Issue to a Risk)</i>	High	<ol style="list-style-type: none"> CR055 (including the 6-week SIT extension) has been recommended for approval from PSG to Ofgem. It is agreed that PPs and Programme will work to these timelines as the new baseline as we await Ofgem decision (estimated before end of year but not confirmed). Therefore, this risk has been mitigated by the updated, realistic timeline. — reason for score reducing 	SIT Execution

Risks associated with the proposed plan (updated following impact assessment review)

#	Risk	Impact	Due date	Owner	RAG	Mitigation
1	There is a risk that the duration in the plan allocated to settlement testing is not sufficient Further details in the subsequent slide	This would delay the ability to commence SIT NF and Operational. A delay of more than 2 months after Christmas would impact the critical path.	20/12/2024	SI Test	Red	Test case rationalisation to refine scope and volume of tests required. Clearly articulated execution models to track progress. If required, Settlement testing can be extended beyond 2024 without impacting the critical path. (Details in the next slide)
2	There is a risk that service management design is not approved by industry or Helix and SIT PPs are not ready with their service management facilities for SIT Operational to start on time	SIT Operational will be delayed beyond the current planned dates and would create greater risk of impacting the critical path.	20/12/2024	Elexon (Helix)	Amber	Elexon (Helix) provide a clear plan detailing their route to obtaining approval of service management documents, or alternative plan for SIT operational readiness.
3	SIT (Functional and Migration) timelines conclude closer to the deadline for QAD submissions, which could mean more work to qualify the MVC in less time.	There could be a delay to MVC participants qualification approval at PAB due to the volume of submissions to be processed.	22/08/2025	Code Bodies, Programme	Amber	Programme to engage early and frequently with PAB and Code Bodies throughout testing to iteratively feed review content through to approvers.
4	There is a risk that SIT participants cannot keep up with velocity targets.	The re-calibrated M10/M11 date would need to be moved further.	25/04/2025	SI Test	Green	Review progress against model after each Sprint and explore opportunities for contingency in plan. Explore opportunities to rationalise testing scope by removing edge case test cases. Additional contingency added into the CR055 timelines.
5	There is a risk of data issues as a result of the IR8 maintenance window which could not be addressed until the regression window.	The SIT regression window would need to be extended which would have implications on the M10 date.	30/11/2024	SI Data	Green	Data loading activities in IR8.3 maintenance window has completed in line with plan. Validation will only take place when IR8.4 is testable at the end of Nov-24.
6	There is a risk of future design and scope change (ie. CR056 and IR8.4) as a result of defects or issues found during Cycle 3 of SIT Functional and Migration	Further design changes would require additional testing effort to be incorporated into the timeline. This could impact the ability to conclude SIT within the timelines articulated in this proposal.	25/04/2025	SI Test, SI Design	Amber	Additional time has been allocated to testing IR8.4 impacts and CR056 and this is reflected into the timeline. Further contingency sprints have been added to the plan to absorb any future design changes if required.
7	There is a risk that the scope of regression testing is not yet defined, and 7-weeks as planned is not sufficient to execute all testing scope.	Additional time is required for regression testing impacting SIT Functional and Migration closure and M10 delivery.	20/12/2024	SI Test	Amber	The scope of regression testing will be defined well in advance of the regression testing phase and appropriate test sizing applied. Contingency has been added into the plan which could be used for additional regression testing if required.

The Risk to SIT Settlement Completion and Mitigations

The progress of SIT Settlement testing remains of high risk to the Programme Plan. As progress has been slower than the Programme would have wanted following the IR8.3 maintenance window, we have categorized this as a red risk. The Programme intends to manage this risk very closely to ensure the long-term viability of the CR055 plan proposal. This is remains actively monitored and managed. **As of today, although this is a red risk, this is not on critical path, and Programme intend to keep it off the critical path by the measures detailed below:**

#	Risk	Impact	Due date	Owner	RAG	Mitigation
1	There is a risk that the duration in the plan allocated to settlement testing is not sufficient	This would delay the ability to commence SIT NF and Operational. A delay of more that 2 months after Christmas would impact the critical path.	20/12/2024	SI Test	Red	Test case rationalisation to refine scope and volume of tests required. Clearly articulated execution models to track progress. If required, Settlement testing can be extended beyond 2024 without impacting the critical path.

- **Finalise the test execution schedule and model:** The Programme are reviewing and revising the test execution schedule for the remainder of the Settlement test cycle. This will feed into the execution model being created to help size the remainder of the testing. With this in place, the Programme will have a better understanding of current progress against plan.
- **Improve MI & Reporting:** Improved Flash Reporting has been developed to provide greater transparency and accuracy to status reporting. This highlights concerns as early as possible, providing the Programme the ability to manage/mitigate appropriately.
- **Daily Stand Ups:** Daily stand ups between Programme and SIT participants have been set up to help retain focus and momentum as well as to troubleshoot any defects or issues found during testing.
- **Extend SIT Settlement testing window:** SIT Settlement testing is scheduled to complete at the end of December. However, if more time is required to conclude testing activities, this can be managed within the plan **without impacting the critical path**. Settlement testing can run into 2025 without impacting the critical path of the Programme. It would mean a delay to SIT Non-Functional and Operational phases, however. A delay of more than 2 months after the Christmas period would impact the critical path.

Programme Status (By Workstream, aligned to CR055)

On Track

 Path to Green is viable
with measurable
management plan in place

 Path to Green is not viable
without escalation and
intervention

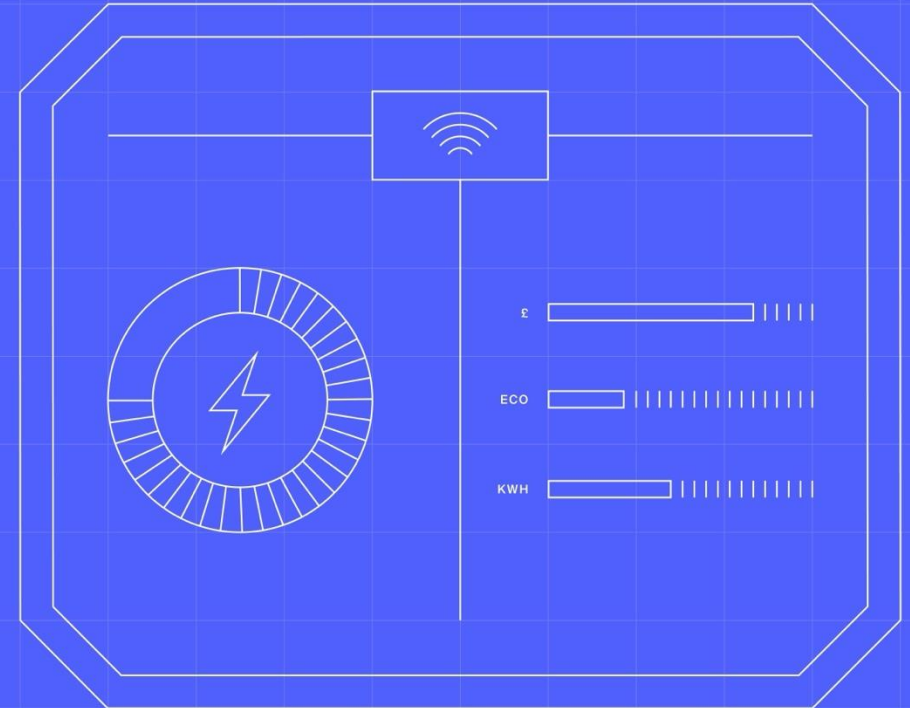
Workstream	Last month	This month	Next Month *	Commentary
Design Management	Green	Green	Green	<ul style="list-style-type: none"> Change Freeze in place until M10, with only changes critical to Go Live being allowable IR8.3 uplift is complete; IR8.5 to be published on 06-Nov-24 (this includes CR056) CR056 approved for Go Live; CR055 includes that this change can be made in time
Testing	Red	Yellow	Yellow	<ul style="list-style-type: none"> Evidence of test progress meeting the CR055 velocity model is being monitored. Defect levels remain high, particularly in Settlement testing SIT Operational testing requires Elexon Operating Manual to be provided to Participants in time to ensure their readiness for testing Status moved from Red to Amber at this stage; early Cycle 3 progress needs to be proven to align with CR055 model
Data	Yellow	Green	Green	<ul style="list-style-type: none"> Test data preparation for Cycle 3 SIT and related PP uploading is complete Data retrospective due in December and work now is focused on SIT Non-Functional and Regression test data readiness
Code Drafting	Green	Green	Green	<ul style="list-style-type: none"> M7 Ofgem activities starting. REC/DCUSA SCR mods consultations ongoing. BSC consultation complete with no issues M8 Code Bodies activities started and on track. The impact on Code releases of delaying M8 / M10 being assessed
Non-SIT LDSO Qualification	Yellow	Green	Green	<ul style="list-style-type: none"> Good progress has been made on test data. Test harness connectivity testing in UIT is close to concluding CR055 will allow for a more robust position on MPRS and CP testing ahead of this workstream test commencement
Supplier & Agent Qualification	Green	Green	Green	<ul style="list-style-type: none"> Code Bodies proposal on Wave Reallocation set out at QAG. Programme also assessing all opportunities to qualify and migrate as efficiently as possible. PPIR issued to all PPs to ask whether they would move Wave if they had the choice so that these opportunities can be assessed. SQAD endorsed by QAG and due to go to BSC PAB for approval 31-Oct-24. PIT/QT RTTMs v1.1 issued post BSC Assessment Criteria approval Programme and Code Bodies expecting conclusion during November, on SITF and SITM RTTMs and on the plan for remaining RTTMs
Transition	Red	Yellow	Yellow	<ul style="list-style-type: none"> Initial Elexon Service Management planning has been incorporated in the CR055 plan and more detailed planning is now being shared – this is aimed at demonstrating a measurable and credible path to SIT Operational testing readiness (See Risk R992) and M10 readiness As the Early Life Support Model does not sit on the critical path, and based on the increased Programme timelines from CR055, the consultation has been delayed to allow us to give more consideration to the Service Management arrangements being developed through the Service Design that is being carried out by Elexon. Conversations regarding the number of exceptions that have arisen from the recent data population activities are ongoing and were brought to DCWG at the end of October. Further discussions will be scheduled if required and data available from the EES will be used to verify these conversations in December.
Migration	Green	Green	Green	<ul style="list-style-type: none"> Supplier schedule submissions received. Initial observations shared with MWG. Migration Schedule Submission report being prepared for PSG Incentive proposal to be included in Migration Schedule Submission report being prepared for PSG

Programme Change Requests

INFORMATION: Decision on approval for CR057

Programme (PMO)

10 mins



CR057 – Change Board Recommendation

Objective:

Programme Steering Group to review the Change Board Recommendation of the proposed CR057 and decide to approve or reject the Change Request.

Change Description:

Remove requirement to respond to DIP with a JSON body for synchronous requests where all validation is asynchronous (Level 4).

Recommendation:

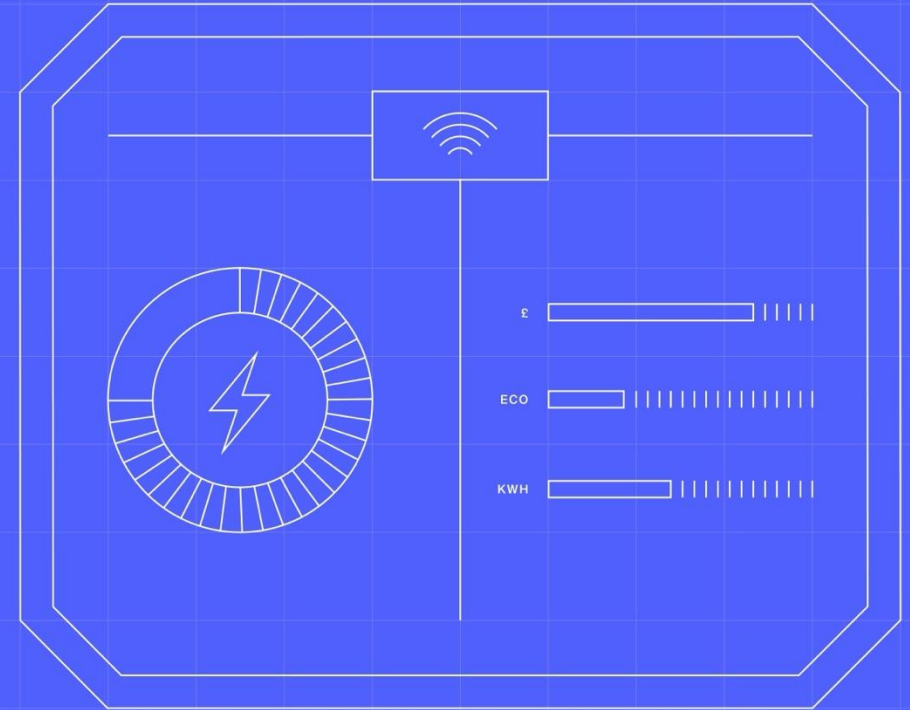
- The Change Board advises the SRO to **reject** CR057.
- **Rationale:**
 - The change proposed by CR057 did not meet the Change Freeze criteria as it does not fix a defect in the design and is not critical for M10.
 - The Change Board proposes that the alternative option to include additional infrastructure to respond with a JSON body be implemented.
 - PMO reviewed similar Change Requests to validate consistency in approach and decision rationale.

IPA Update

INFORMATION: Update from the IPA

IPA

10 mins



IPA Monthly Assurance Dashboard

Reporting Period: October 2024

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



Assurance Activities in Progress / Completed during month

Theme-Based Assurance

- **Ongoing Embedded Assurance Activities (WP1) - In Progress** - Monthly cadence of regular interactions with MHHSP, review of the PPC bilateral reports and RAID log and actions monitoring.
- **Design Documentation (WP4) - In Progress** - Continued monitoring of design updates/change requests through attendance at DAG and DRG, and review of supporting documentation.
- **Management of Separation Plan (WP5) - In Progress** - A review is underway to assess whether the controls outlined in the Separation Plan continue to operate effectively and that the actions agreed from the previous review have been completed.
- **Ad-hoc Assurance and Advice (WP14) - In Progress** - Cyber Security review to assess Programme's processes and governance to assess the effectiveness of mitigating Cyber Security risks. Draft report is being documented and will be shared with the programme and Ofgem in early November 2024.

Stage-Based Assurance

- **IPA CR055 Report** - Report shared with the Programme on 10 October 2024. The subsequently updated position was shared with the Programme and Ofgem following the PSG on 18 October 2024.
- **Assurance Period 7 - 1 July 2024 to 30 September 2024 - Complete** - Ongoing assurance activities over testing, migration, qualification and consequential. A full end of assurance period report is being finalised and will be shared with the Programme including the status of actions agreed during the phase.
- **Assurance Period 8 - 1 October 2024 to 10 February 2025 - In Progress** - Next phases of ongoing assurance activities over testing, migration, qualification and consequential. We are currently in the planning and mobilisation phase and will be starting carrying out fieldwork from 4 November 2024. The focus for this Assurance Period is:
 - **Test Assurance (WP9-11)** - SIT F and SIT M progress; readiness for SIT NFT and SIT Operational.
 - **Qualification (WP12)** - Continued monitoring over preparation activities for Non-SIT LDSO Qualification Testing.
 - **Migration (WP13)** - Continued monitoring over migration preparation and readiness activities, including artefact consultations; Monitor the progress of transition activities through attendance at TORWG, DCWG & MCAG.
 - **Consequential Change (WP14)** - Evidence gathered on participants impact assessments and implementation plans.



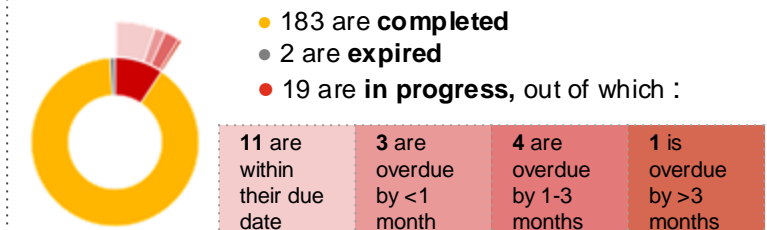
Upcoming Assurance Activities

- **Assurance Period 9** - Includes Testing, Qualification, Migration and Consequential Change assurance.
- The IPA Plan on a Page (POAP) is included on the following page to provide overview of IPA Assurance activities going forward in line with the re-calibrated plan.



Assurance Action Status

Overall, 204 actions are agreed with the Programme team or Participants to date.

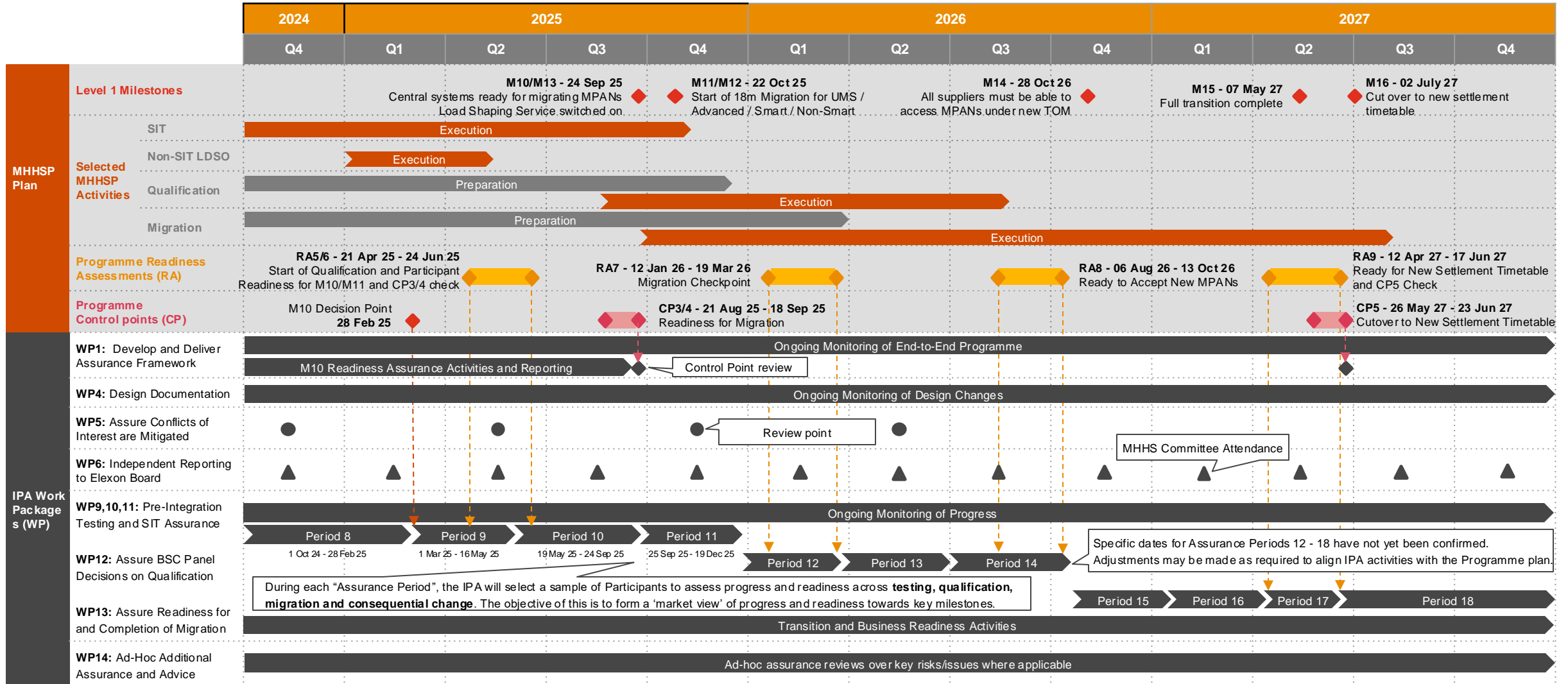


Below are the actions opened and completed within the last period.

New actions opened	18
Actions completed	14

Updated IPA Plan On A Page (POAP) - October 2024

The below POAP provides a view of IPA activities for the remainder of the Programme aligned to the re-calibrated plan put forward in CR055.



IPA Work Packages

	Work Packages	Activities	Outputs/Outcomes	Status
Theme Based	WP1: Develop and Deliver Assurance Framework	<ul style="list-style-type: none"> • Ongoing involvement in the governance meetings and processes of the Programme • Regular review of PPC bilateral reports and progress • Regular review of Programme RAID and status reporting • Monitoring of Programme plan progress • Impact assessment of the change requests • Tracking of agreed assurance actions 	<ul style="list-style-type: none"> • Bi-Monthly reporting of emerging risks and issues to discuss with the Programme • Action Tracker to confirm closure of agreed actions from IPA recommendations • Key themes to be reported to PSG on a quarterly basis • PSG monthly IPA Dashboard • Control point review reports to provide IPA's view against programme's Control Point assessment. • Readiness assessment report at M10 decision point 	Ongoing
	WP3: MHHS Programme Plan	Complete - Ongoing monitoring of plan progress through WP1		
	WP4: Design Documentation	<ul style="list-style-type: none"> • Ongoing monitoring of design updates/change requests through attendance at DAG, DRG, DWG and DCWG, and review of supporting documentation 	<ul style="list-style-type: none"> • Bi-Monthly reporting of emerging risks and issues to discuss with the Programme 	Ongoing
	WP5: Assure Conflicts of Interest are Mitigated, and key areas of focus are respected	<ul style="list-style-type: none"> • 6 monthly checkpoints to review the operating effectiveness of controls implemented by MHHSP to prevent any potential conflicts of interest with Elexon 	<ul style="list-style-type: none"> • IPA report highlighting any observation and recommendations 	Ongoing
	WP6: Independent Reporting to Elexon Board	<ul style="list-style-type: none"> • Attendance at the Elexon MHHS Committee every other month to share key findings from recent assurance activities and our view on forward activities 	<ul style="list-style-type: none"> • Short paper summarising key messages from recent IPA assurance activities and forward priorities. 	Ongoing
	WP14: Ad-Hoc Additional Assurance and Advice	<ul style="list-style-type: none"> • Additional ad hoc risk assessments in response to emergent issues as required by the Programme and Ofgem as Programme Sponsor • Examples of activities within this Work Package include Data Assurance review, DBT2 Risk Assessment, Cyber Security Review and Consequential Change Assurance 	<ul style="list-style-type: none"> • IPA report highlighting any observation and recommendations 	Ongoing

IPA Work Packages

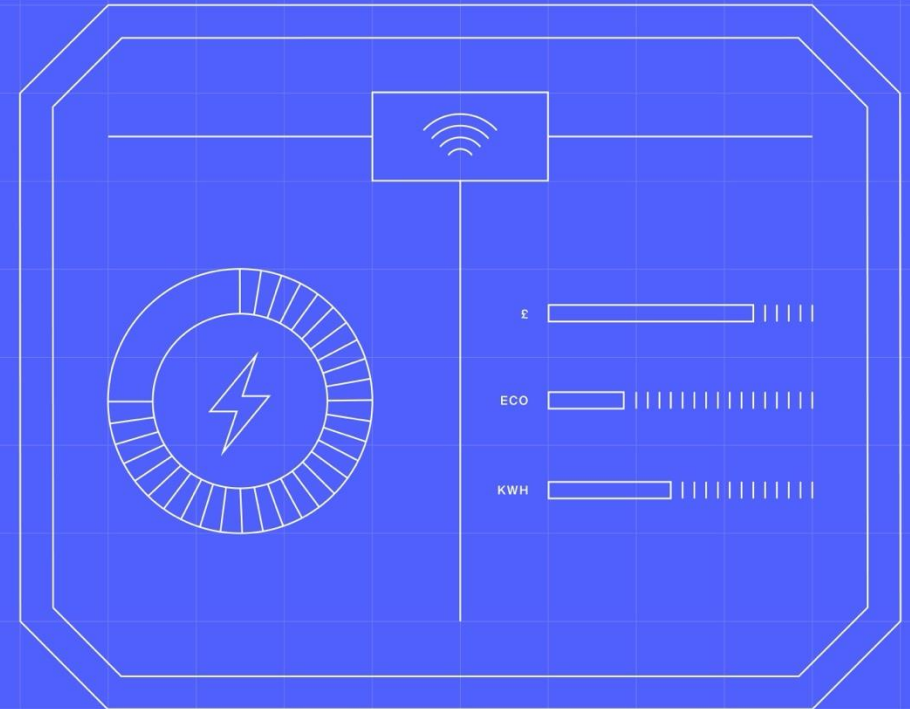
	Work Packages	Activities	Outputs/Outcomes	Status
Stage Based	WP2: Mobilisation Assurance		Complete	
	WP7: Assurance 'Central Programme Functions' readiness to enter Design and Build		Complete	
	WP8: Other Programme Parties readiness to enter Design and Build		Complete	
	WP9,10,11: Pre-Integration Testing and SIT Assurance	Ongoing Monitoring <ul style="list-style-type: none"> Attending testing relevant Advisory and Working groups Reviewing Programme reporting over progress Attending relevant Programme meetings Ongoing review of management and coordination of activities by the Programme Sample Based Assurance - We will be selecting a risk-based sample of Participants for each 'Assurance Period' across constituencies to assess readiness and progress for the relevant areas. As activities in the Plan complete the focus on activities within the assurance periods will be focused on the remaining work streams and take place less frequently. The following areas, as applicable at the time of review will be looked into: <ul style="list-style-type: none"> Testing Qualification Migration Participant consequential change Transition and Business Readiness Assurance 	<ul style="list-style-type: none"> Summary reports at the end of each 'Period' shared with the Programme and Ofgem that include a summary of key thematic risks. To support a weekly status update, meet with the Programme to produce a weekly test assurance report. This report will include key observations and recommendation that are provided in real-time to the Programme. Monthly status updates to SITAG, providing updates on agreed actions along with completed and upcoming assurance activities. Input into SITAG, FTIG, MCAG and QAG where applicable to support decision making choreography. 	In Progress
	WP12: Assure BSC Panel Decisions on Qualification			
	WP13: Assure Readiness for and Completion of Migration			
WP15: Post Assurance Learnings		To be mobilised in August 2027		

Delivery Dashboards

INFORMATION: Questions from PSG members on delivery dashboard content

Chair

20 mins



Look Ahead – Key Milestones Status at 30 October 24 (1)

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

Milestone	Forum	Milestone Title	Baseline Date	Forecast Date	Responsible	Previous RAG	Current RAG	Forecast RAG	Commentary
T3-MI-0033	MCAG (Transition)	MCAG Approval of Early Life Support Model	Tue 30/07/2024	Tue 30/07/24	SI Transition	Red	Red	Red	Consultation has been delayed until November 2024.
T3-QU-0017	QAG	Qualification Testing Tranche 1 Participants' UIT environments ready to start connectivity proving (incl. certificates and security compliance)	Mon 26/08/2024	Mon 26/08/24	SI Test	Red	Red	Red	
T3-DB-0151	SITAG	SIT Non-Functional PIT Test Approach & Plan (PIT) submitted to Programme for assurance	Fri 27/09/2024	Fri 27/09/24	PP	Red	Red	Red	34/34 initial plans have been submitted to the Programme, but still expecting revised plans from some PPs to address feedback given from the Programme, hence why this activity can't be completed yet. Because of the delay to all plans being submitted there is an increased risk to completion of SIT Non-Functional PIT. Re-forecasting the completion date isn't possible as delivery is dependent on the PPs.
T3-DB-0159	SITAG	SIT Operational PIT Test Approach & Plan (PIT) submitted to Programme for assurance	Fri 27/09/2024	Fri 27/09/24	PP	Red	Red	Red	32/34 test approach and plans have been submitted to the Programme. Because of the delay to all Test Approach and plans being submitted there is an increased risk to completion of SIT Operational PIT.
T3-DB-0153	SITAG	SIT Non-Functional PIT RTTM submitted to Programme for assurance	Fri 01/11/2024	Fri 01/11/24	PP	Green	Green	Green	34/34 RTTMs have been submitted to the Programme. Because of the delay to all RTTMs being submitted there is an increased risk to completion of SIT Non-Functional PIT. Re-forecasting the completion date isn't possible as delivery is dependent on the PPs.
T3-DB-0155	SITAG	SIT Non-Functional PIT test scenarios submitted to Programme for assurance	Fri 01/11/2024	Fri 01/11/24	PP	Green	Green	Green	33/34 test scenarios have been submitted to the Programme. Because of the delay to all test scenarios being submitted there is an increased risk to completion of SIT Non-Functional PIT. Re-forecasting the completion date isn't possible as delivery is dependent on the PPs.

Look Ahead – Key Milestones Status at 30 October 24 (2)

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

Milestone	Forum	Milestone Title	Baseline Date	Forecast Date	Responsible	Previous RAG	Current RAG	Forecast RAG	Commentary
T3-DB-0161	SITAG	SIT Operational PIT RTTM submitted to Programme for assurance	Fri 01/11/2024	Fri 01/11/24	PP	Yellow	Red	Yellow	28/34 SIT Operational PIT RTTMs have been submitted to the Programme. Because of the delay to all RTTMs being submitted there is an increased risk to completion of SIT Operational PIT.
T3-DB-0163	SITAG	SIT Operational PIT test scenarios submitted to Programme for assurance	Fri 01/11/2024	Fri 01/11/24	PP	Green	Green	Green	28/34 SIT Operational PIT test scenarios have been submitted to the Programme. Because of the delay to all SIT Operational PIT test scenarios being submitted there is increased risk to the completion of SIT Operational PIT.
T3-TE-0041	QAG	Back-up SITAG decision on early Qualification Testing Execution start	Fri 01/11/2024	Fri 01/11/24	SI Test	Green	Green	Green	Milestone to be removed as no longer applicable
T3-QU-0122	QAG	QAG Approval of QT Operational Test Scenarios and Test Cases Batch 2	Fri 08/11/2024	Fri 08/11/24	Non-SIT S&A QT Test Team	Green	Green	Green	Pending QAG approval. Proposed that this is removed and replaced with a milestone for Batch 3 of Functional Tests.
T3-MI-0025	MCAG (Transition)	LDSO 'full refresh' between their Registration Service and the EES (ESME ID)	Mon 11/11/2024	Mon 11/11/24	LDSO/EES	Green	Green	Green	
T3-MI-0026	MCAG (Transition)	LDSO 'full refresh' between their Registration Service and the EES (Meter Location and Number of Displayed Register Digits)	Mon 18/11/2024	Mon 18/11/24	LDSO /EES	Green	Green	Green	
T3-TE-0123		SIT Regression Testing Approach and Plan Approval	Wed 20/11/2024	Wed 20/11/24		Green	Green	Green	
T3-DB-0160	SITAG	SIT Operational Test approach and plan MHHS Review Completed	Thu 21/11/2024	Thu 21/11/24	SI Test	Red	Yellow	Red	18/34 reviewed. As per T3-DB-0159, Status red until remaining PIT Test Approach and Plans submitted and reviewed
T3-DB-0152	SITAG	SIT Non-Functional Test approach and plan MHHS Review Completed	Fri 22/11/2024	Fri 22/11/24	SI Test	Green	Green	Green	14/34 test approaches completed. Late because the completion of the review is dependant on the delivery of all of the SIT Non-Functional Test Approach and Plans from the PPs. This increases the risk to SIT Non-Functional PIT completion

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 30 October 24 (3)

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

Milestone	Forum	Milestone Title	Baseline Date	Forecast Date	Responsible	Previous RAG	Current RAG	Forecast RAG	Commentary
T3-MI-0500	MCAG (Transition)	M16 methodology approved	Tue 26/11/2024	Tue 26/11/24	SI Transition	Red	Red	Red	Production of this artefact has been delayed pending discussion on outstanding artefacts to be produced through TORWG.
T3-DB-0154	SITAG	SIT Non-Functional RTTM MHHS Review Completed	Fri 29/11/2024	Fri 29/11/24	SI Test	Red	Red	Red	17/34 reviewed. As per T3-DB-0153, Status red until remaining RTTMs submitted and reviewed
T3-DB-0156	SITAG	SIT Non-Functional Test scenarios MHHS Review Completed	Fri 29/11/2024	Fri 29/11/24	SI Test	Green	Red	Green	17/34 scenarios have been completed. Date missed because the completion of the review is dependent on the delivery of all of the SIT Non-Functional Test Scenarios from the PPs. This increases the risk to SIT Non-Functional PIT completion
T3-DB-0157	SITAG	SIT Non-Functional PIT Completion Report submitted to Programme for assurance	Fri 29/11/2024	Fri 29/11/24	PP	Red	Green	Red	22/34 SIT Non-Functional PIT Completion Reports have been submitted to the Programme. Because of the delay to all Completion Reports being submitted there is an increased risk to completion of SIT Operational PIT.
T3-DB-0162	SITAG	SIT Operational RTTM MHHS Review Completed	Fri 29/11/2024	Fri 29/11/24	SI Test	Yellow	Yellow	Yellow	
T3-DB-0164	SITAG	SIT Operational Test scenarios MHHS Review Completed	Fri 29/11/2024	Fri 29/11/24	SI Test	Red	Yellow	Red	14/34 reviewed. As per T3-DB-0163. Status red until remaining PIT Test Approach and Plans submitted and reviewed
T3-QU-0008	QAG (Non-SIT LDSO)	Qualification Testing for Non-SIT LDSOs (Functional, Migration, NFT, Operational) Test Execution Schedule Complete	Fri 29/11/2024	Fri 29/11/24	Non-SIT LDSO	Green	Green	Green	
T3-QU-0076	QAG (Non-SIT LDSO)	Non-SIT LDSO Participants have submitted functional PIT Test Completion Report & evidence for QT Entry	Fri 29/11/2024	Fri 29/11/24	Non-SIT LDSO	Green	Green	Green	
T3-QU-0078	QAG (Non-SIT LDSO)	LDSO Test Environments Connection Confirmed to UIT Environment	Fri 29/11/2024	Fri 29/11/24	Non-SIT LDSO	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
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Document Classification: Public

Look Ahead – Key Milestones Status at 30 October 24 (4)

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

Milestone	Forum	Milestone Title	Baseline Date	Forecast Date	Responsible	Previous RAG	Current RAG	Forecast RAG	Commentary
T3-TE-0035	QAG	Non-SIT LDSO Test Harness Released	Fri 29/11/2024	Fri 29/11/24	SI DevOps	Green	Green	Green	Date will be missed due to Sims & Ems being blocked from completing connectivity and regression testing activities, since message functionality is disabled in the current UIT environment version (IR7.3), only becoming enabled from 2/9 (release of IR8.1 UI).
T3-QU-0113	QAG (Non-SIT LDSO)	Test Data Signed Off	Fri 06/12/2024	Fri 06/12/24	Non-SIT LDSO	Green	Green	Green	Date will be missed due to QT execution replanning. Additionally, the Test Harness will be loaded with dummy suppliers MHHS (outgoing supplier) and MHHX (incoming supplier) for the Change of Supply Test Cases. For messages to flow between DIP, the LDSOs will not be able to meet the standards of M10 and achieve Qualification. Through QWG and the LQTSG we have proposed and are discussing solutions with the LDSOs, with a view to achieving full test coverage for all
T2-RE-0600	CCAG	Ofgem decisions on M6 baselined code modification proposals (M7)	Wed 11/12/2024	Wed 11/12/24	CPT	Green	Green	Green	
T3-TE-0119	SITAG	SIT Operational Scenarios & Test Cases Approved - Theme 3 (Batch 1 + 2)	Wed 11/12/2024	Wed 11/12/24	SI Test	Yellow	Yellow	Yellow	Date missed. Still working LLSD feedback and clarifications requested. Once this has been completed, test cases can be drafted and submitted.
T3-QU-0120	QAG	QAG Approval of QT Non-Functional Test Scenarios and Test Cases Batch 2	Fri 13/12/2024	Fri 13/12/24	Non-SIT S&A QT Test Team	Yellow	Yellow	Yellow	Pending QAG approval. Proposed that this is removed and replaced with a milestone for Batch 3 of Functional Tests.
T2-QU-0550	QAG (Non-SIT LDSO)	Qualification Testing for Non-SIT LDSOs (Functional, Migration, NFT, Operational) Test Readiness Confirmed (Final Test Readiness Review for LDSO)	Fri 20/12/2024	Fri 20/12/24	LDSO	Green	Green	Green	

Look Ahead – Key Milestones Status at 30 October 24 (5)

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

Milestone	Forum	Milestone Title	Baseline Date	Forecast Date	Responsible	Previous RAG	Current RAG	Forecast RAG	Commentary
T3-DB-0158	SITAG	SIT Non-Functional PIT Completion Report MHHS Review Completed	Fri 20/12/2024	Fri 20/12/24	SI Test	Yellow	Green	Yellow	4/34 reviewed. As per T3-DB-0157. Status red until remaining PIT Test Approach and Plans submitted and reviewed
T3-QU-0007	QAG (Non-SIT LDSO)	Qualification Testing for Non-SIT LDSOs (Functional, Migration, NFT, Operational) Programme Test Readiness confirmed	Fri 20/12/2024	Fri 20/12/24	Non-SIT LDSO	Green	Green	Green	
T3-QU-0117	QAG	Qualification Testing Wave Readiness Confirmed	Fri 27/12/2024	Fri 27/12/24	Non-SIT S&A QT Test Team	Green	Green	Green	
T3-QU-0121	QAG	QAG Approval of QT Operational Test Scenarios and Test Cases Batch 1	Wed 01/01/2025	Wed 01/01/25	Non-SIT S&A QT Test Team	Yellow	Yellow	Yellow	Pending QAG approval. Proposed that this is removed and replaced with a milestone for Batch 3 of Functional Tests.
T3-QU-0115	QAG (Non-SIT LDSO)	Non-SIT LDSO QT Test Execution Starts	Mon 06/01/2025	Mon 06/01/25	Non-SIT LDSO	Green	Green	Green	
T3-MI-0039	MCAG (Migration)	V1.0 of Migration Schedule Baseline Approved at MCAG	Fri 10/01/2025	Fri 10/01/25	PP	Green	Green	Green	
T3-TE-0122	SITAG	SIT Regression Suite Approval at SITAG	Mon 13/01/2025	Mon 13/01/25		Green	Green	Green	
T3-TE-0124		Theme 1 (Helix and DIP Volume Testing) Start	Mon 13/01/2025	Mon 13/01/25		Green	Green	Green	
T2-TE-0750	SITAG	SIT Operational Testing Preparation Complete	Fri 17/01/2025	Fri 17/01/25	SI Test	Green	Green	Green	

Look Ahead – Key Milestones Status at 30 October 24 (6)

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

Milestone	Forum	Milestone Title	Baseline Date	Forecast Date	Responsible	Previous RAG	Current RAG	Forecast RAG	Commentary
T3-QU-0121	QAG	QAG Approval of QT Operational Test Scenarios and Test Cases Batch 1	Wed 01/01/2025	Wed 01/01/25	Non-SIT S&A QT Test Team	Yellow	Yellow	Yellow	Pending QAG approval. Proposed that this is removed and replaced with a milestone for Batch 3 of Functional Tests.
T3-QU-0115	QAG (Non-SIT LDSO)	Non-SIT LDSO QT Test Execution Starts	Mon 06/01/2025	Mon 06/01/25	Non-SIT LDSO	Green	Green	Green	
T3-MI-0039	MCAG (Migration)	V1.0 of Migration Schedule Baseline Approved at MCAG	Fri 10/01/2025	Fri 10/01/25	PP	Green	Green	Green	
T3-TE-0122	SITAG	SIT Regression Suite Approval at SITAG	Mon 13/01/2025	Mon 13/01/25		Green	Green	Green	
T3-TE-0124		Theme 1 (Helix and DIP Volume Testing) Start	Mon 13/01/2025	Mon 13/01/25		Green	Green	Green	
T2-TE-0750	SITAG	SIT Operational Testing Preparation Complete	Fri 17/01/2025	Fri 17/01/25	SI Test	Green	Green	Green	
T3-MI-0017	MCAG (Migration)	MCAG Approval of Migration Framework Artefacts (Baselined)	Thu 23/01/2025	Thu 23/01/25	PP	Yellow	Yellow	Yellow	Expected baseline date will change. This is due to a combination of the changes coming out of MWG for Consultation 3 being very minimal for the original release date of 28th August and not warranting an industry consultation, coupled with the reassessment of activity that has highlighted that it would be better to wait to align Consultation 3 with any changes that result from the current Supplier Migration Submission process, rather than issue a consultation before that process had completed and the MCC has digested the plans, and then have to issue yet further consultations. Current thinking is that the Consultation 3 would be issued in December and approved (and therefore the framework baselined) in January / February. To go to MCAG for removal because milestone no longer reflects the delivery of the migration approach.
T3-MI-0016	MCAG (Migration)	Migration Period Plan Review 1 Completed	Fri 31/01/2025	Fri 31/01/25	SRO	Green	Green	Green	
T3-QU-0125		Non-SIT LDSO QT - Migration Testing	Fri 31/01/2025	Fri 31/01/25		Green	Green	Green	
T3-TE-0048	QAG	UIT E2E Sandbox Preparation Complete	Fri 31/01/2025	Fri 31/01/25	SI Test	Green	Green	Green	Date change approved at QAG on 20/6/24 from 25/10/24 to 31/1/25

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

Document Classification: Public

Delivery Dashboards Overview

Area	Title	Purpose
MHHS Programme Status	Risk Themes	Provide a high-level view of Programme Risks (covered as agenda item)
	Change Control	Update on the status of Change Requests and On-Hold Change Requests
	SIT MVC Status	Provide the status of SIT participants
Industry Delivery Status	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
	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
	Qualification Testing Status	Update on the progress for qualification testing
Assurance	Migration Status	Update on the progress of migration
	Level 2/3 Advisory Group Updates	Update on key discussion items and outcomes from recent Level 2/3 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
	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

Change Request Status

Change Control
Updated to 25/10/2024

Ref.	Key Detail	Change Raiser(s)	Change Type	Latest Action	Approval Status	Current Stage in Change Control	Action If approved	Implementation date/milestone	Change Owner(s) If approved
CR055	Amendments to M10 and corresponding milestones	Lewis Hall, MHHS Programme	Full Impact Assessment	Approved by PSG 18/10/24	Open	Awaiting Ofgem Approval			
CR056	Batching of ERDS to CSS Agent Appointment Files	Jonny Moore, RECCo	Full Impact Assessment	Approved by PSG 18/10/24	Approved	Awaiting Implementation			
CR057	Remove requirement to respond to DIP with a JSON body for synchronous requests where all validation is asynchronous (Level 4)	Nigel Rees, Helix	Full Impact Assessment	Recommended for rejection by Change Board	Open	Awaiting PSG decision			
CR058	Adding the DIP Manager as an Industry Representative to Advisory Groups	Philip McCann, MHHS Programme	Full Impact Assessment	Validated by Change Board for Impact Assessment	Open	Awaiting Impact Assessment			
CR059	ELEX-REP-20 implementation	Riccardo Lampini, Helix	Full Impact Assessment	Validated by Change Board for Impact Assessment	Open	Awaiting Impact Assessment			

On Hold Change Requests

Ref.	OHCR Title	Change Raiser	Comments	Status
OHCR006	Advanced Register Read and Meter Configuration Inclusion	LSC	CR not eligible for pre-M10 Change Control process as implementation not required until after M10, as stated by Change Raiser.	On hold
OHCR005	Validation of Service Provider CoS Appointments	British Gas	CR raised to Programme in July 2024. PPIR issued to all Participants, responses confirmed pre-M10 implementation is not feasible. CR not eligible for pre-M10 Change Control process as post-M10 implementation does not meet the Change Freeze criteria.	On hold
OHCR004	Supply Start Date (SSD) Correction Tool	MHHSP & SCS	CR045 - PPIR issued to gather views on whether solution is implementable pre-M10. Rejected at PSG on 03-Jul-24 based on PPIR responses. Recommended for post-M10 implementation.	On hold
OHCR003	Implementation of 'Data Refresh' Message IF-051	MHHSP	CR044 - PPIR issued to gather views on whether solution is implementable pre-M10. Rejected at PSG on 05-Jun-24 based on PPIR responses. Recommended for post-M10 implementation.	On hold
OHCR002	DIP Interface Name Changes	RECCo	CR025 - Raised to Programme in June 2023 and issued to Impact Assessment. Deferred to a post-M10 implementation at DAG 13-Mar-24. Please note that RECCo has implemented these changes into the M6 Code baseline.	On hold
OHCR001	Data Item Names and Descriptions	RECCo	CR024 - Raised to Programme in June 2023 and issued to Impact Assessment. Deferred to a post-M10 implementation at DAG 13-Mar-24. Please note that RECCo has implemented these changes into the M6 Code baseline.	On hold

This slide captures Change Requests raised in the last three months, as well as change requests On Hold for post M10. A full record of all MHHS Change Requests can be found on the [Change Control page of the Collaboration Base](#). On Hold Change Requests can be found on the [On Hold Change Requests page on the Collaboration Base](#).

Document Classification: Public

SIT Stage Statuses (24-10-24)

Test Stage	RAG	Comment
CIT	Green	SITAG approved the CIT completion report 11-Mar-24
Functional	Yellow	SITF testing begun. Progress is slow but velocity increasing. Modelled targets at risk unless an uptick is seen in week 2. Settlement testing began 7 th October, dealing with a high number of defects. Defect rate has slowed this week. Single ADO Project in place, all outstanding tasks closed Evidence Capture implementation has been significantly slower than originally anticipated. Highest priority tests are completed first, mitigation plan in place (including additional resources).
Migration	Yellow	Migration testing underway in Sprint 5.. RTTM SIT M gap analysis complete. Gap mitigation underway. Single ADO Cohort in place, all outstanding tasks closed..
Non-Functional	Yellow	Milestones updated consistent with CR055. PIT activities still represent a risk to the start of NFT, however. Test Approach and Data (plus associated Test Data): Test Data Approach and Plan Approved May SITAG, Test Approach and Plan approved at ESITAG 26th July. Test Scenarios & Test Cases: Theme 1 – Approved at ESITAG 25-Jul Theme 2 – Approved July SITAG 17-Jul Theme 3 – Approved September SITAG 18-Sep
Operational	Red	Milestones updated consistent with CR055. PIT activities still represent a risk to the start of Ops testing, however and Risk R992 above highlights the risk that SIT Operational testing will be delayed if PPs have insufficient time to digest / apply industry interactions to be defined in the Helix Service Operating Manual before the start of SIT Operational Test Approach and Data (plus associated Test Data): Approved at 15-May SITAG Test Scenarios & Test Cases: Delivery plans approved at April SITAG Theme 1 – Approved August SITAG 21-Aug Theme 2 – Approved July SITAG 17-Jul Theme 3 – Batch 1 deferred to December SITAG, Batch 2 still in development, also expected for December SITAG, Dependency on Helix documentation has delayed completion of Theme 3 tests.

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

RAGs	Overall	Approach	Plan	Resources	Budget	Risk	Stakeholders	Suppliers
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Status & Outlook	<p>Progress last month:</p> <p>Helix Solution</p> <ul style="list-style-type: none"> Completed final development iteration, PI11. Continued to support SIT testing across Functional and Settlement. Finalised build for SIT Cycle 3. <p>Assurance and Qualification</p> <ul style="list-style-type: none"> Continued Assessment of Qualification Wave Dates part of CR055 approval and subsequent updates to QA&P. SQAD endorsed by October QAG to go to BSC PAB for Approval. BSC Assessment Criteria approved at September PAB. <p>Service Management</p> <ul style="list-style-type: none"> Supported MHHS with test scenario and test case development. Started execution of Pre-SIT Ops engagement initiatives. Updated LLSDs and SDDs presented to MCAG for acceptance. Both documents endorsed at MCAG on 22nd October. 	<p>Progress expected in the coming month:</p> <p>Helix Solution</p> <ul style="list-style-type: none"> Support of SIT Settlement Testing, release of 3 remaining Settlement reports. Continued support of SIT Functional Testing Cycle 3. <p>Assurance and Qualification</p> <ul style="list-style-type: none"> Finalisation of Qualification Dates impacted by CR55 and update at QAG. Review of Wave Allocation in light of CR055. Updated NFR Section of QAD out for industry consultation. <p>Service Management</p> <ul style="list-style-type: none"> Continue to Support MHHS with test scenario and test case development. Ramp up of industry comms and engagement sessions in support of preparation for SIT Operational testing. Progress Operations Manual development with a view of providing the first draft in December.
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Party Milestones & Deliverables	Plan Date	RAG
IR8.3 Build Released for SIT Cycle 3	17/10/24	Complete
SIT Ops Participant Engagement Workshops Kick off	17/10/24	Complete
SIT Cycle 3 Test SITA Commenced	21/10/24	Complete
Release of remaining SIT Settlement Reports	28/10/24	
Operations Manual Draft ready for review	04/12/24	
SIT-Cycle3 for SITB (settlement) completes	20/12/24	
Operations Manual Final version ready for review	08/01/24	
ServiceNow SIT Ops Available	14/01/25	
January MCAG Operations Manual Endorsement	21/01/25	
SIT Ops Theme 3 Batch 2 commences	10/02/25	
SIT-Cycle3 for SITA completes	14/02/24	
Initial QAD Submissions for SIT and Non-SIT LDSOs	14/02/25	
SIT Ops Theme 3 Batch 2 ends	14/03/25	

RAID and RAG	Type	Mitigating or resolving action required	Next Update
The ongoing review of MHSP milestones is expected to drive the need for replanning within the Helix Programme with consequent implications for programme budget and timelines.	Issue	MHHS have outlined proposed timeframes for changes to test phases and key milestones as part of CR055. Helix team have reviewed and have provided feedback supporting revised M10 go Live date of 24 th September 2025, awaiting OFGEM decision to provide certainty.	31/10/24
If further changes impact on the scope of Helix, they may impact on SIT progress and will drive further cost into the programme.	Risk	Helix has a materially complete code base with due consideration given to avoidance of refactoring of this code base within future change requests. Update: Helix have now uplifted to MHHS version 8.4 to support SIT functional Cycle 3. Continuing to monitor impact of further proposed changes.	Ongoing
There is a risk that DIP onboarding, Qualification, and Migration do not proceed to plan without additional controls to drive the queuing and progress of all Non-SIT participants.	Risk	Helix and MHSP 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. Helix have also hired operational reporting resources.	31/10/24

RAGs	Overall	Approach	Plan	Resources	Budget	Risk	Stakeholders	Suppliers
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Status & Outlook	Progress last month: <ul style="list-style-type: none"> IR8.3 PIT Execution Completed and released into SIT environments in readiness for SIT Functional Cycle 3 Continued monitoring of UIT environment and support for non-SIT LDSO onboarding SIT Support & Change Backlog <ul style="list-style-type: none"> Defect triage, remediation and query support for SIT Functional Test Cycle 3, Migration Testing and Settlement testing. DIP-D37 PIT Test Completion Report and DIP-D39 PIT Defect Work Off plan updated and issued for IR8.3 Updated D25 Software Release Notes for IR8.3 Draft D37a PIT Test Completion Report (Performance) issued Impact assessment and scope finalization for IR8.4 High availability build in progress Non-Functional testing preparation for IR8.3/4 in progress 	Progress expected in the coming month: <ul style="list-style-type: none"> Development and deployment of IR8.4 into SIT/SITB/UIT environments Continue to work on bug triage and fixing for SIT support, as needed Continue monitoring of UIT environment and support for non-SIT LDSO onboarding SIT Support & Change Backlog <ul style="list-style-type: none"> Provide steps that are required to renew certificates in SIT to SRO for onward communication to MPOs Complete PIT execution of IR8.4 Releases into SIT (weekly/per need) to address open defects from SIT Update DIP D15 Logical Architecture Design to reflect Reporting solution Implement High Availability Design for message egress and addressing Implement sender validation on message replay/queue Monitor changes approved by Programme and implemented on WAF Update DIP-D37 PIT Test Completion Report and DIP-D39 PIT Defect Work Off plan for IR8.4
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Party Milestones & Deliverables	Original Date	Forecast date & RAG
DIP 4f (IR8.3) – Final build	04/10/24	07/10/24
<i>Non- Functional SIT Theme 1*</i>	13/01/25	13/01/25
DIP 4g (IR8.4) – Final build	TBD	TBD
DIP 5 – Migration / Transition**	20/09/24	27/06/25
DIP 6 – Hypercare**	20/09/24	24/09/25

* Programme date
 ** Provisional dates for CR055 (pending CCN011)

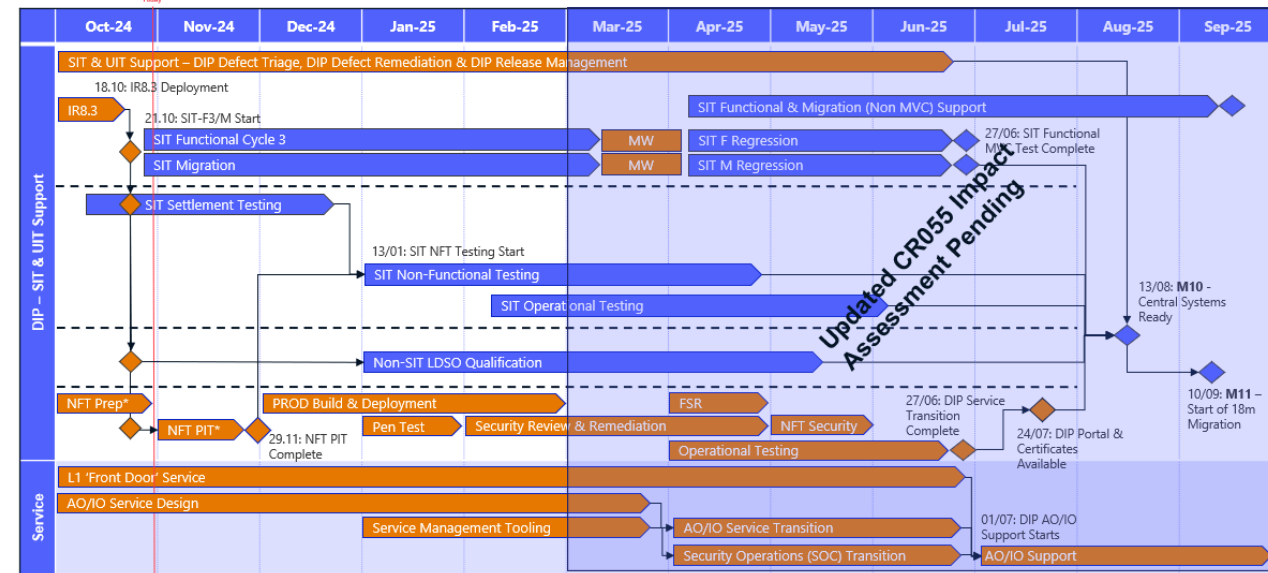
Decisions required	From whom?	By when?
None	n/a	n/a

Risk or Issue & RAG	Mitigating or resolving action required	Date for action to be resolved	Action owner
Functional SIT Progress – Extent of Testing (slower than expected), Identification of Defects (later test cycles), Expectations on Triage and Remediation (more frequent or 'urgent' releases)	MHHS PPC issued comms (06.08) confirming SIT Cycle 2 extension 5 weeks. Programme briefed participants on proposed CR055 and addition of 6 weeks to the schedule. Impact Assessment to be updated.	(12.07.2024) 29.11.2024	Smitha Pichrikat (Paul Daniels)
Web Application Firewall Changes and Exclusions	Scope of changes approved and implemented per Programme direction. Further Changes applied to WAF. Monitoring for any defects raised in SIT.	08.11.2024	Smitha Pichrikat (Paul Daniels)
Certificate Renewals – Risk to SIT Progress	DIP SP to engage with GlobalSign to validate renewal actions. Provide support to MPOs pending issue of comms via PPC on renewal process.	08.11.2024	Smitha Pichrikat (Paul Daniels)

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

Dependency & RAG	Managing action required	Date for action to be resolved	Action Owner
Industry-led, Elexon facilitated			

DIP Delivery - Alignment to Programme Testing & M10/M11 – CR055 Initial Impact Assessment - POAP (Simplified)



* Scope: Performance/High Availability

MHHS PROGRAMME Key: ◆ DIP Service Provider Led ◆ MHHS Programme Led

RAGs	Overall	Approach	Plan	Resources	Budget	Risk	Stakeholders	Suppliers
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Status & Outlook	<p>Progress this Month:</p> <ul style="list-style-type: none"> Continued UAT testing of sprints 5, 6, 7, 8, 9 and 10 MPRS code Continued support for the Settlements SIT environment Completed preparation for SIT Functional Cycle 3 Completed preparation for SIT Migration Cycle 3 Completed the testing of the majority of the Data Cleansing PIRs Data loaded to environments ready for Cycle 3 Functional and Migration testing. Uplift of SIT environments to IR8.3 Started test execution for SIT Functional Cycle 3 Started test execution for Migration SIT Cycle 3 	<p>Progress expected in the coming month:</p> <ul style="list-style-type: none"> Complete planning and scheduling of the remaining UAT tests Continue UAT testing of sprints 5, 6, 7, 8, 9 and 10 MPRS code Support test execution for SIT Functional Cycle 3 Support test execution for Migration SIT Cycle 3 Continued testing of the last of the Data Cleansing PIRs Continued Support for Settlements SIT <p>Programme guidance required</p> <ul style="list-style-type: none"> Agree implementation date for IR8.4 Agree implementation date for CR056 Agree implementation date for IR8.5
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Party Milestones & Deliverables	Original or Baseline Date	Forecast date & RAG
IR8 Code deployed to SIT Environments	17-10-24	17-10-24

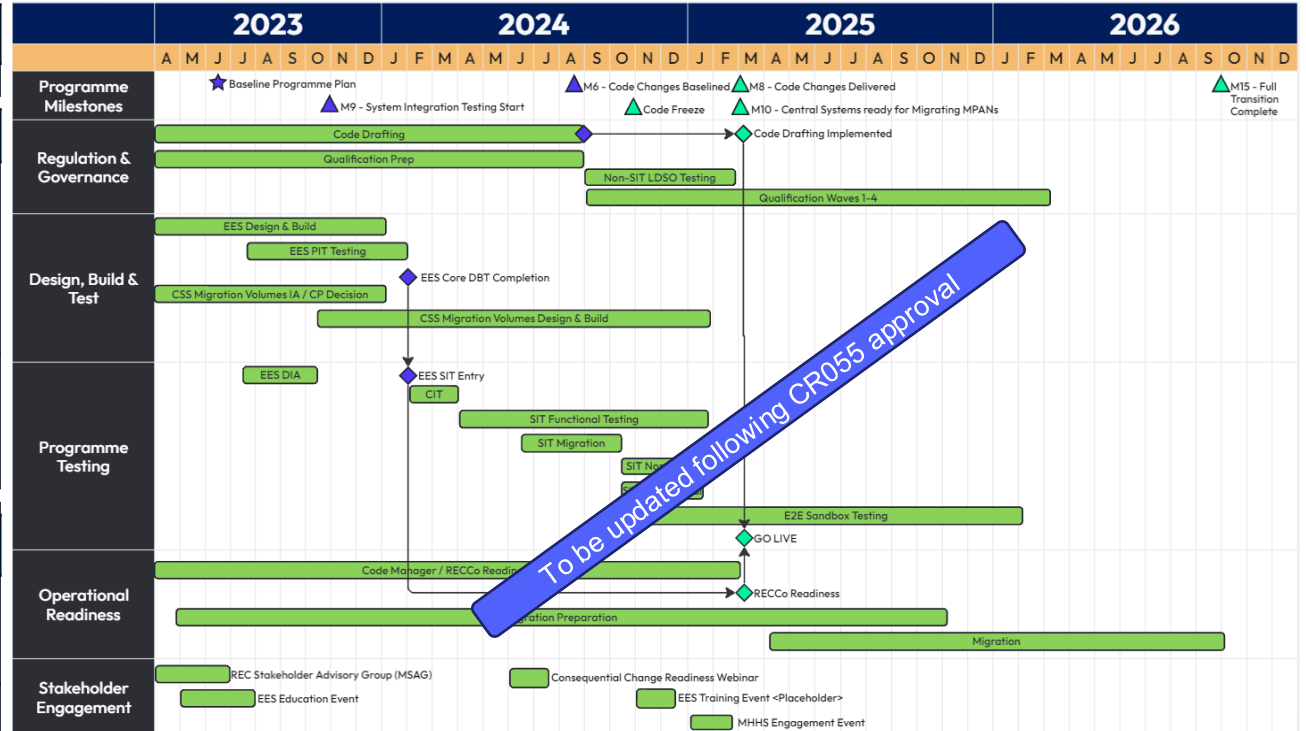
Risk or Issue & RAG	Mitigating or resolving action required	Target Date	Action owner
STC111 – ISSUE - Overrun of Programme activities (i.e CIT interval 2 testing and data aug loads) impacting subsequent test phases	Approval of CR055 will remove this issue (reverting to a risk). The augmented data loads took longer than planned requiring significant resource commitment. Risk STCR63 materialised and the start of SIT cycles were delayed placing further pressure on subsequent test phases. The programme has not addressed the time 'borrowed' from future test phases (UAT/CIT interval 6/functional SIT/migration 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. DNOs have funded an increase in the size of the MPRS test team, quadrupling the size of the test team since the plan was baselined (CR022).	Q3 2024	Programme
STC116 – ISSUE - There is an issue with the current SIT Functional test cases. Unclear versions and key information missing	Update – St Clements requested the Programme address this in the maintenance window W/C 23/09, prior to the start of Cycle 3, but we are still awaiting a response. Raised as an issue on the Programme RAID log – Ref R990. We are not being made aware of changes to test cases. It is unclear which is the latest version of individual test cases in ADO and key information is missing from the test cases (descriptions and test steps unclear). A traceability matrix is necessary to show the latest Test Case version and the Test Execution the latest Test Case has been run in. Consequently, unnecessary questions are asked of St Clements from cohorts on how to achieve various outcomes. This is causing the St Clements test team significant time, reducing the time available for core MHHS activities.	Q3 2024	Programme
STCR68 – RISK - Inability to complete sufficient UAT testing prior to go live	Update – Activities still causing key test resource to be distracted from UAT. Approval of CR055 will reduce this risk. Focussing resource on supporting SIT Functional/Migration SIT execution, fault resolution and data augmentation difficulties is preventing acceptance testing activities from completing. The Programme timescales may prevent sufficient time to complete testing of MPRS code to the usual standard, leading to potentially more issues within production systems. To mitigate this, resource must be diverted away from solely focussing on supporting programme activities.	Ongoing	St Clements
STCR45 – RISK – There is a risk that the SIT testing requirements from the programme on St Clements are greater than anticipated.	Update – 01/10 Seeking clarity from the programme on SCS expected involvement with "SIT Functional/Migration (non MVC Support) and Early Sandbox Testing". Uncertainty over required involvement within SIT Functional/Migration (non MVC Support) and Early Sandbox testing	31/07/2024	Programme
STCR64 – RISK - Capacity to support volume of carried over tests from SIT cycle 1 in cycles 2 and 3 may surpass capacity available	Update – Assumption that remaining tests from Cycle 2 (approximately 20%), will be carried over to Cycle 3. Require confirmation of the final number of tests for Cycle 3 and that this number will remain static until the end of the Cycle. Approval of CR055 will reduce this risk. Remaining tests from Sprints 1, 2, 3 & 4 have been carried over to Sprint 5.0 increasing the volume of each sprint significantly. Ongoing resource capacity requirements need to be assessed to support these carried over tests.	31/07/2024	Programme
Assumptions			We have
We have sufficient time to complete UAT testing to the required standard	It was assumed that acceptance testing, and programme testing would run concurrently. However, far more time than expected has been devoted to supporting SIT and data augmentation activities, preventing sufficient acceptance testing progress.	Ongoing	SCS
MPRS high level plan broadly remains the same following detailed IA	Detailed IAs for later sprints (including migration) to be completed	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	Ongoing	Programme
Governance/assurance does not impact MPRS delivery activities	Light touch and targeted approach	Ongoing	Programme

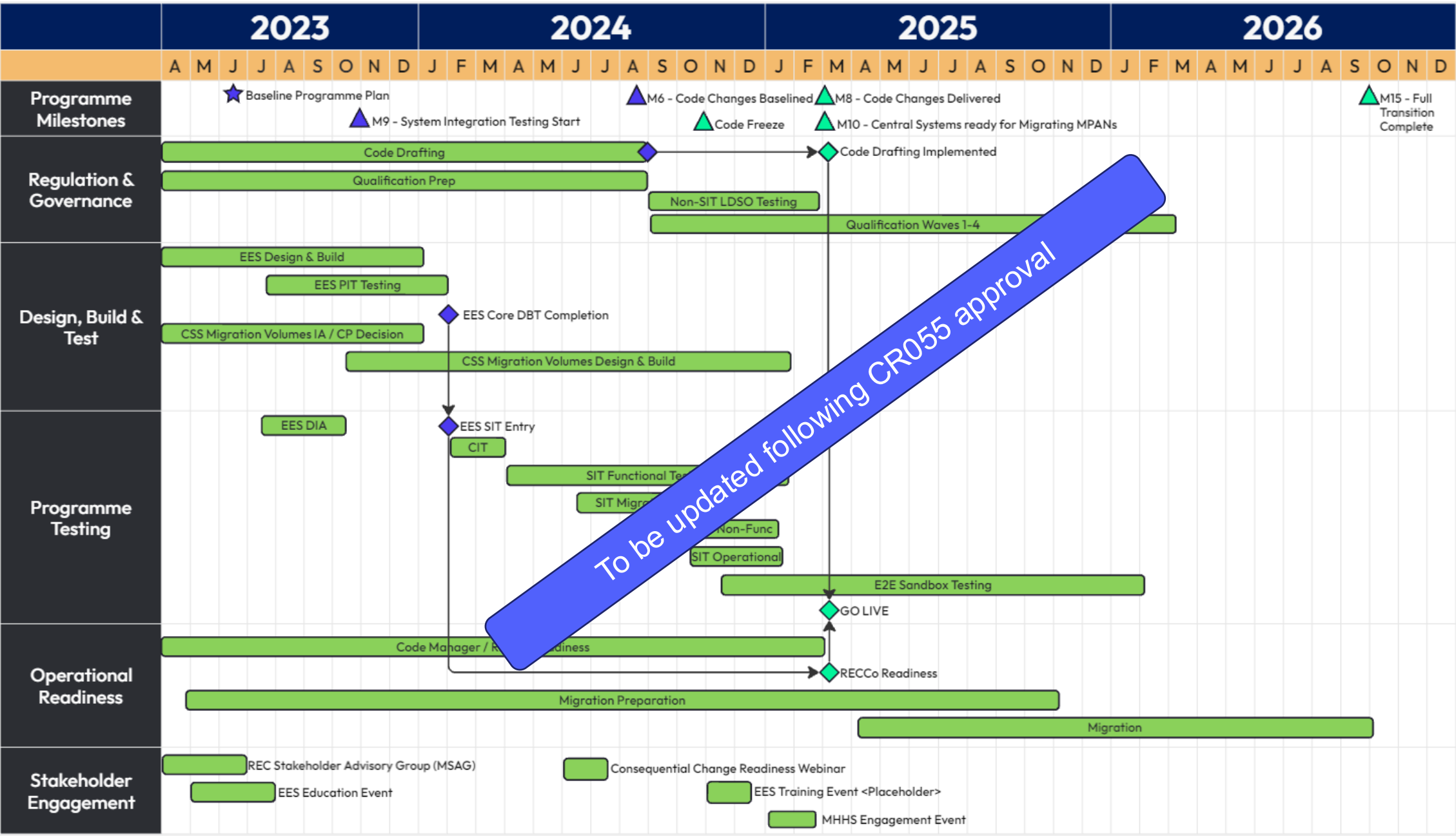
RAGs	Overall	Approach	Plan	Resources	Budget	Risk	Stakeholders	Suppliers	
Status & Outlook	Progress last month: <ul style="list-style-type: none"> EES updated to IR8.3 and data uploaded for Cycle 3 EES PIT NFT Completed with 1 defect in work-off. Published R0209 Implementation of MHHS Arrangements - Final Change Report for REC Change Panel recommendation on 5 November 2024. 			Progress expected in the coming month: <ul style="list-style-type: none"> EES to continue SIT Functional, Migration and Settlement Testing. EES PIT NFT work-off and PIT Operational to be completed. Continue to develop post M6 code change management plan to address agreed MHHS Design Changes for M8 and handover of Programme deferred change to Code Bodies. Send R0209 to Ofgem for approval (M7) following REC Change Panel recommendation. Send PPIP to non-SIT Parties to facilitate reallocation between Waves 2, 3, and 4 to help mitigate CR55 impacts. Update detailed Qualification Plan and QA&P to account for CR55. 			Party Milestones & Deliverables	Original or Baseline Date	Forecast date & RAG
	Qualification Approach & Plan v3 approved and published	30/08/2024	30/08/2024						
M7 Approval of REC Code Drafting	11/12/2024	11/12/2024							
Code Drafting Complete	23/08/2024	23/08/2024							
Qualification Assessment Document v2 approved and published	30/08/2024	30/08/2024							

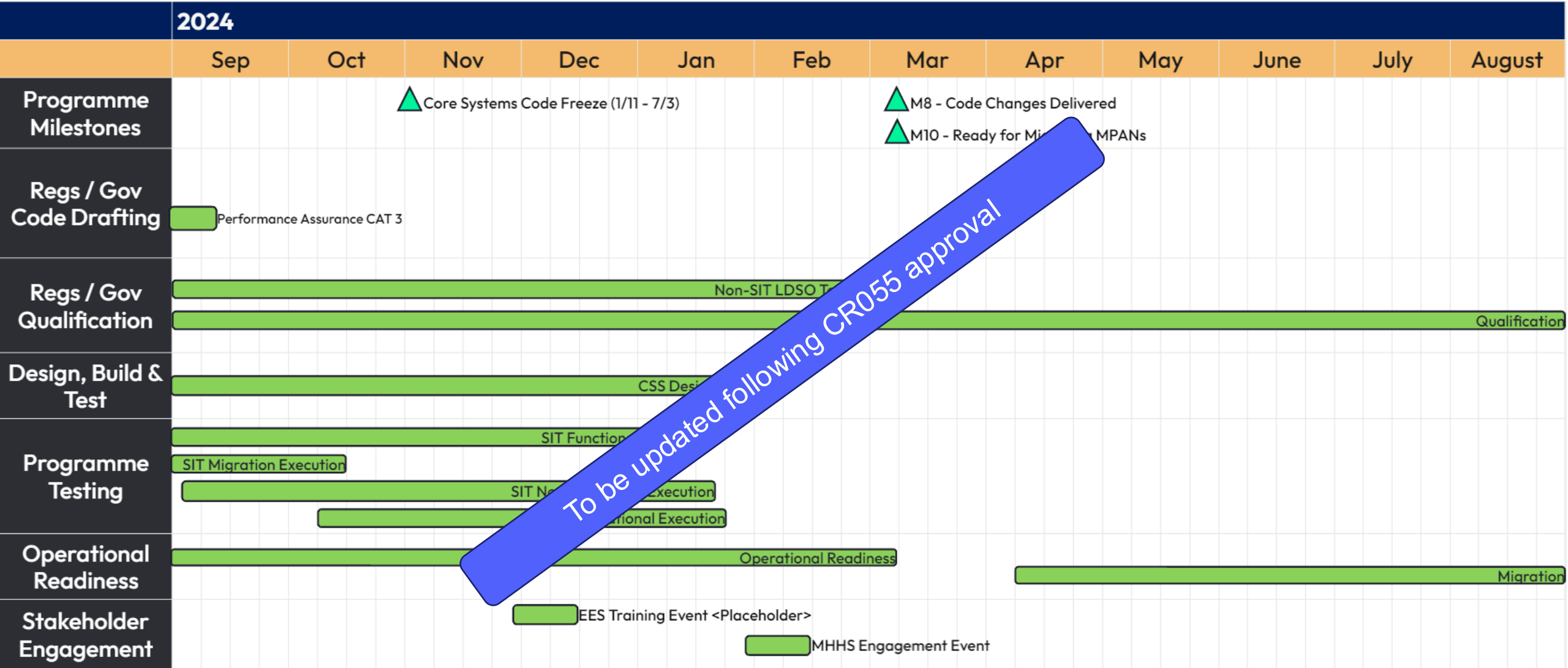
Decisions required	From whom?	By when?
None		

Risk or Issue & RAG	Mitigating or resolving action required	Date for action to be resolved	Action owner
Key operational processes required for MHHS will not be sufficiently developed, documented and tested ahead of MHHS go-live. Including roles and interactions between BSC/DIP, REC and Switching service desks, incident management, error resolution, trade sales, SoLR, etc.	Requirement for clear design documentation and milestones to be tracked under programme governance (e.g. TORWG). Operational testing to include sufficient scope to test key processes and interactions. Helix to develop Service Manual through in industry workshops including REC Service Desk representatives.	Early December (Service Manual available)	Jonny Moore
R0920 - Swagger may not be aligned to approved design artefact (DES138) which is used for Code drafting. Lack of alignment means M6 criteria not met and could also lead to qualification delays and live operational issues.	Programme proposed taking no action to address risk/issue. RECCo reviewed, identified issues and raised DINs that Programme deferred to after M10. Agreement required to handover responsibility to Code Bodies to manage.	06/11/2024	Andrew Wallace

Dependency & RAG	Managing action required	Date for action to be resolved	Action Owner
Programme SIT Artefacts for provision of equivalent Qualification documents and confirming if Code Bodies need to undertake any additional qualification activity for SIT parties.	Awaiting updated SIT RTTMs and Test Cases to develop and provide associated Qualification artefacts for Non-SIT Parties.	ASAP (impacting Non-SIT Parties)	Andrew Wallace
RECCo need to develop tie-ins with enduring BSC service management as part of operational readiness, including roles, responsibilities and hand-offs for incident management, error resolution and operational processes (trade sales / SoLR / etc.)	Agreement required on service management design deliverables and agreed scope of testing / operational readiness run-through. Service design has now delayed the production of the Operational Test Cases.	Early December (Service Manual available)	Jonny Moore







To be updated following CR055 approval

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

Progress last month:

REC

- R0093 (Legal text now deployed) – Capacity uplift/Performance requirements finalized.
- Responded to comments from RECCo – discussing migration plans to support

Capacity

- MHHS Capacity uplift plans confirmed for deployment

New Requirements

- DCC SIT Functional Testing Support aligned to replanned Cycle 3 Sprints
- Planning re-aligned to PSG approved CR055 baseline dates
- 4th Data Run completed 10/10

Progress expected in the coming month:

- REC CSS performance testing plans requiring RECCo acceptance
- Continued SIT Functional Testing Support
- Scope definition of Test Data Requirements to cover all remaining phases of testing, including Regression Testing, and agreement on delivery dates with all parties.

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 / Apr 25	Nov 24 / Apr 25
R0093	2025	April 2025

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

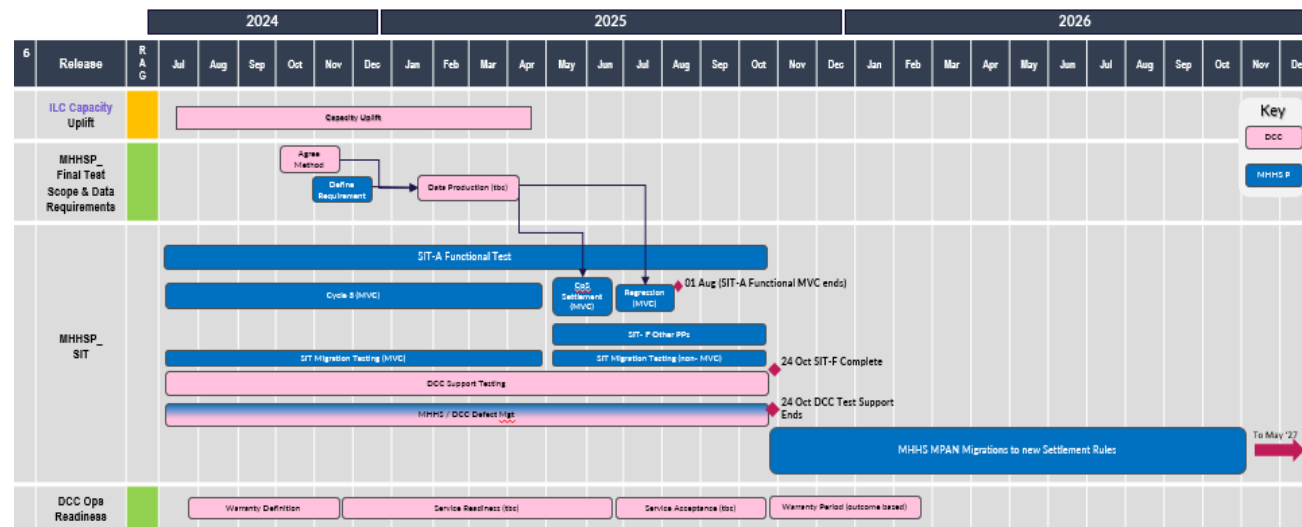
Top Risks and or Issues (See detail on page 2)

ERDS to CSS Agent Appointment Files The current design for the submission of appointment files presents significant operational issues for DCC in terms of the inability of Metering Services or MDRs to access meter data, and a significant increase in the capacity required to handle messages during the Migration period.

Mitigation: Risk mitigated by approval of CR056 at PSG. **NOW COMPLETE**

Assumption & RAG	Action required to remove assumption	Date for action to be resolved	Action Owner
No New Assumptions			

Dependency & RAG	Managing action required	Date for action to be resolved	Action Owner
No New Dependencies			



RAID & RAG

Ref.	Risk	Calculated Risk	Mitigation / Update	Owner	Area	Service risk RAG
1	As a result of there being no system-based control to prevent daily migration volumes exceeding the 300k peak-of-peaks, there is a Risk to CSS performance	High	DCC have investigated legal & regulatory controls available to mitigate, and are engaged in the Governance Framework definition with Elexon Migration Delivery Team. Identification of industry exception escalation processes running behind plan, but expected before end Q4.	DCC/MHHS Programme	Migrations / Capacity	Amber
2	As a result of the sizing of CSS capacity increases being based on peak-of-peak migration thresholds defined in the Migration Thresholds document plus “business as usual” (BAU) volumes, there is a Risk that BAU volumes today may not reflect BAU volumes between April 2025 and October 2026, if switching increases. This could result in CSS being under scaled.	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. Costs for CSS Uplift identified & CR submitted to RECCo for review. DSP confirmed volumes can be met with current build	DCC	Migrations / Capacity	Green
3	As a result of the potential significant cost involved in scaling CSS and/or DSP to achieve a peak-of-peak CoA volume of 591K, there is a risk that this 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	Green
4	As a result of a lack of clarity around industry the capacity impacts of MHHS, DCC have had to build additional capacity based on a set of assumptions, There is a Risk that any industry changes which materially impact the Capacity Assumptions may not be able to be reflected in the capacity at Go Live, due to the time required to deliver capacity increases.	Medium	A formal letter has been sent to Ofgem on June 18 th detailing the assumptions on which DCC has built the capacity which will be available at MHHS implementation. Follow-up PPIR will be undertaken – date to be confirmed following the completion of the CR55 IA.	DCC/MHHS Programme	Capacity	Green
5	As a result of the Programme delivery dates moving out, there is a Risk that there is a significant impact on DCC in terms of cost, resource, or operational impacts.	Medium/High	DCC have conducted a full Impact Assessment of CR55 internally & with Service Providers. Cost increases are within current approval, and changes can be absorbed on current delivery dates. Risk can be closed.	DCC/MHHS Programme	Costs/ Operational Impact	Closed
6	The current design for the submission of appointment files presents significant operational issues for DCC in terms of the inability of Metering Services or MDRs to access meter data, and a significant increase in the capacity required to handle messages during the Migration period.	High	CR056 approved at PSG, which removes this risk. Risk can be closed.	RECCO/MHHS Programme	Costs/ Operational Impact	Closed

RAGs	Overall	Approach	Plan	Resources	Budget	Risk	Stakeholders	Suppliers
Status Update	ElectraLink updates for October PSG: <ul style="list-style-type: none"> Supporting MHHS participants through our helpdesk as required to use the DTS to support their SIT A and SIT B testing. Continued collaboration with MHHS Programme and teams engaged via participating in working groups such as SITWG, FITG, S&T, DAG, DWG and fortnightly sessions with the programme and Webinars. 						Milestones and Deliverables: <ul style="list-style-type: none"> None 	

Decisions required	From whom?	By when?

RAID	Mitigating or resolving action required	Date for action to be resolved	Action owner

Dependencies	Managing action required	Date for action to be resolved	Action Owner
Updated DTC Catalogue 4-6 weeks in advance of release date to ensure we can update it prior to MHHS requirement	Communication with MHHS & REC ongoing, CCN process to ensure release is managed effectively and on time	-	MHHS/ElectraLink/REC

RAGs	Overall	Approach	Plan	Resources	Budget	Risk	Stakeholders	Suppliers
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DNOs Status & Outlook	Progress since last month	Expected key activities next month	DNO Key Deliverables & Activities		Latest Status		Due Date & RAG		Relevant Programme Milestone(s)	
	SIT Participant	SIT Participant	DNO System Integration Testing (SIT) Participants							
	<ul style="list-style-type: none"> Meter Location data cleanse activities. PIR 869 Number of digits data cleanse PIR 870 Raise SDEPS for both Complete connection type back population for remaining Measurement types Complete full refresh of MPRS to EES In deferred maintenance window deploy latest IR 8.1 application functionality for REGS LDSO and UMISO to SIT A and SIT B environments. PIT for SIT operational testing Deploy IR8.3 compatible releases of MPRS, LDSO and UMISO systems to SIT A and SIT B environments Impact assess CR055 	<ul style="list-style-type: none"> Complete full refresh of MPRS to EES Progress PIT for SIT non-functional testing Impact assess SM SSD Progress SIT functional and migration testing for Cycle 3 – Sprint 5 Progress SIT Settlement testing 	Complete PIT for SIT Non- Functional		Requirements provision has been poor. SSEN has advised Programme that it will aim to complete PIT for SIT NFT by 31/10/2024.		31/10/24		M10	
			SIT FSIT Cycle 2 & SIT Migration Sprint 5		Sprint 3 underway. Overall progress on SIT testing has been slow, due to data issues, participant readiness, etc.		15/11/24		M10	
			Complete SIT Settlements Testing Sprint		Problems persist with quality of ISD data. Manual workarounds in place to resolve ISD in billing system. Defects identified in sending REP900 and 901 To DIP		20/12/24		M10	
			Non-SIT		Non-SIT LDSO Qualification Testing					
	<ul style="list-style-type: none"> Replan complete on basis of CR055 proposal Data Cleanse MEMS file deployment - complete CR055 Program Replan Consultation Review & additional costs CR056 Program Review & Respond on program consultation Qualification -Test Data liaise with program Qualification Planning Prep continues Test Harnesses, Data, Code deployments Qualification QAD progress SO Full Migration Approach & Operational Transition M10/M11 cut over Program Working Groups, Change Requests, DINS & Consultations 	<ul style="list-style-type: none"> PIT Functional & Migration Testing completion report to program within timelines PIT NFT Tooling PIT NFT – Test Planning Data Cleanse EES Full Refresh Execution 2/1 1 DIP Onboarding – Stage 3 Smoke Testing start Qualification Test Data & MPANS agreed Qualification Assessment Document Update ADO System Access Qualification Planning Prep continues Test Harnesses, Data, Code deployments SO Full Migration Approach & Operational Transition M10/M11 cut over Program Working Groups, Change Requests, DINS & Consultations 	Non-SIT LDSOs testing start (Functional / Migration / NFT / Ops)		Program Replan due to SIT not meeting test volumes and thresholds, NON -SIT LDSO's have a dependency on SIT Test complete prior to Qualification– milestones RED based on existing plan & approval of CR055 by Ofgem expected November 24				M10 – Reporting RED v's baseline plan, until CR055 approved/explicit guidance provided regarding which plan to report against	
		Readiness to support migration start, including Registration Services. Network Operators and UMISOs		Program Replan due to SIT not meeting test volumes and thresholds, NON -SIT LDSO's have a dependency on SIT Test complete prior to Qualification– milestones RED based on existing plan, & approval of CR055 Ongoing Industry discussions regarding cut over plans, service management, migration volumes & SLA's– consultation.				Reporting RED v's baseline plan, until CR055 approved/explicit guidance provided regarding which plan to report against		

Escalations	Escalations / Priority Actions				To Whom		Required Resolution Date		Owner	
	Program Replan CR055 – Ofgem approval of CR055 DNOs submit updated costs Accuracy DUoS Billing – Modelling expected from Elexon & meeting in diary to discuss the outputs with LDSO's – (Chris Price/Elexon/Programme)				Ofgem MHHS Programme		ASAP		MHHS Programme	

Risks, Issues & Dependencies	Key Risks & Issues	Mitigation, Impacts & Latest Actions	Owner	Relevant Programme Milestone(s)	Key Dependencies & Assumptions	Dependency On	Summary & Key Actions		Stakeholders	Relevant Programme Milestone(s)
	Additional costs to be calculated because of the recalibration of plan	Forecast costs after securing costs from vendors. These will be submitted to the board for approval.	SSEN	M10	Board approval of costs	SSEN board and Ofgem	Approval of CR055 by Ofgem Approval of additional costs by SSEN Board		SSEN Board	M10
	Risk of further delays to SIT Settlements testing	Delay would impact start of SIT operational and SIT non-functional testing	MHHS Programme	M10	Dependency	Programme Replan	Ofgem providing sign off CR055			M10

Some DNOs reporting against pre CR055 plan whilst assessing updated CR055 proposal and awaiting explicit confirmation from Programme which Plan to report against.

Risks, Issues & Dependencies	Key Risks & Issues	Mitigation, Impacts & Latest Actions	Owner	Relevant Programme Milestone(s)	Key Dependencies & Assumptions	Dependency On	Summary & Key Actions	Stakeholders	Relevant Programme Milestone(s)
	Programme replan M10	Ofgem expected to approve CR055 by November 24	MHHS Programme	M10	Dependency	NFT Tooling	NFT Tooling to manage volumes as it's not a proven tool or mechanism		M10
	Availability of core software products MPRS,UMSO etc to support NON-SIT LDSO PIT & Qualification is unclear	Unable to meet PIT/Qualification timelines in mitigation working with suppliers to escalate any issues with program and obtain resolution (as above). Subject to revised CR055 timescales	DNO	M10	Dependency	NFT Tooling	NFT Tooling to manage volumes as it's not a proven tool or mechanism		M10
	Potential impact on DNO budgets dependant on environment, testing requirements and timescales for SIT	Potential under-recording of DNO cost impacts in the Programme benefits. DNOs will require approval of additional Programme funding	DNO	N/A	Dependency	Migration	Program reducing the complexity in reverse migration process to enable timelines to be met		M10
	Non-SIT LDSO NFT PIT – Solution to pass messages via DIP to test volume/capacity	Untried solution, could result in missed PIT program timelines for Non-SIT LDSO's as no other solution available within timelines	DNO	M10	Assumptions	Qualification NFT	Qualification & Code Bodies will provide the detail to Non- SIT LDSO's in relation to testing and placing reliance to enable plans to be built timely		M10
Data Cleanse activity may take longer than aligned within program plan due to poor quality data	Missed timelines migration and/ or extended timelines and/ or poor-quality data	MHHS Programme	M10						
The Reverse Migration Solution is too complex to enable Core Capability Providers to Achieve Testing & M10.	Migration phase is delayed.	MHHS Programme	M10/M11						
QT runs parallel to SIT Cycle 3 (Functional & Migration) , so any new issues identified or product releases (MPRS, LOCUS, etc.) will have a knock-on impact to non-SIT LDSO Qualification Testing – additional testing may be required in QT regression phase, which may go beyond non-SIT LDSO QT timeline defined in this change. This may impact DNO QAD final submission risking the M10 milestone	Mitigation: Additional regression post completion of QT to validate any potential product changes that may be identified during SIT Cycle3. Impact: Additional testing and resource requirements; Rework on QT closure reports and QAD documentations.	MHHS Programme	M10/M11						

RAGs	Overall	Approach	Plan	Resources	Budget	Risk						
DNOs Status & Outlook	<p>Progress since last month SIT Participant</p> <ul style="list-style-type: none"> Continued SIT activity to revised plan. Continued QAD preparation. Responded to CR055 IA Progressed LDSO discussions with Helix re: settlement/DUoS billing data accuracy assurance and Service Management requirements <p>Non-SIT Participants</p> <ul style="list-style-type: none"> Full MPAN refresh initiated Further internal preparation for progression of the programme (i.e. costs & availability of resources) Meter location and digits displayed exceptions raised in SDEP CR055 response issued Submitted PIT functional and migration report Submitted test MPANs Monitoring SIT and how it is progressing against prospective CR055 timescales Internal preparation for QAD completion QT test data file of MPANs submitted and validated 	<p>Expected key activities next month SIT Participant</p> <ul style="list-style-type: none"> Prepare for/undertake IPA review of M10 readiness assurance Continued QAD preparation Continued SIT activity Progress LDSO settlement/DUoS billing and service management discussions with Helix <p>Non-SIT Participants</p> <ul style="list-style-type: none"> Full QT RTTM and test scope Liaise with Suppliers on data cleanse exception queries for ESME ID and Meter Location and Number of Registers Digits QT test data continuation Continuation of full MPAN refresh QAD Guidance webinar 14.11.24 Further QAD review DIP portal (Global Assign) set up Smoke testing to be completed 	DNO Key Deliverables & Activities		Latest Status		Due Date & RAG		Relevant Programme Milestone(s)			
			IDNO System Integration Testing (SIT) Participants									
			SIT Migration		Progressing well, although overall Programme progress slow		28.03.25		M10			
			Settlement Testing		Settlement testing is progressing very slowly and there is a risk that testing does not provide the relevant confidence expected by the Programme/LDSOs. However, with the extended settlement testing window this has been downgraded to Amber.		20.12.24		M10			
			Preparation for SIT Non-Functional		It is unclear what scope is required for PIT NFT ahead of SIT NFT. However, discussions are underway to clarify requirements.		13.01.25		M10			
			Preparation for SIT Operational		On track		10.02.25		M10			
			Non-SIT LDSO Qualification Testing									
			Smoke testing in UAT		On track		18.11.24		M10			
			Preparation for Non-SIT LDSO testing		By utilising the Placing Reliance policy and liaising with our service provider we are confident in our preparation				Non-SIT LDSOs testing start (Functional/Migration/NFT/Operational)			
			QT Readiness		Working with third party tech provider on PIT stage completion for QT readiness		01.11.24		M10			
Escalations	None											
Risks, Issues & Dependencies	Key Risks & Issues		Mitigation, Impacts & Latest Actions			Owner	Relevant Programme Milestone(s)	Key Dependencies & Assumptions	Dependency On	Summary & Key Actions	Stakeholders	Relevant Programme Milestone(s)
	SIT NFT requirements unclear		There is very little SIT NFT, which puts onus on parties' own PIT NFT. Without clarity of Programme expectations, it is difficult to identify what PIT NFT should be undertaken. Risk of PIT NFT delays. Liaising with Programme. However, discussions are underway to clarify requirements.			Programme/LDSOs	Non-Functional/Qualification Testing					
	Settlement Testing		Settlement testing is progressing very slowly and there is a risk that testing does not provide the relevant confidence expected by the Programme/LDSOs. However, with the extended settlement testing window this has been downgraded to Amber.			Programme	SIT Settlement					
	Additional costs as a result of programme delays following impact of CR055		Costing undertaken and dialogue ongoing			LDSO	M10					

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	2.09	1.88	1.71	2.06	1.66	2.56	1.76	1.61	2.43	1.58	1.55	2.68	23.58
MHHS Actual/Forecast	1.84	1.93	1.71	1.77	1.73	1.61	2.01	2.15	1.91	2.22	2.16	2.54	23.58
DCC Budget	1.01			4.45			3.35			2.52			11.33
DCC Act/Forecast***	0.35	0.25	0.19	0.17	0.29	0.31	1.72	1.26	1.41	0.84	1.22	1.04	9.06
Helix Budget	3.40	3.40	3.40	3.40	3.40	3.40	1.80	1.80	1.80	1.80	1.80	1.80	31.20
Helix Act/Forecast	2.90	3.20	3.10	3.30	3.00	3.20	2.50	2.20	1.70	1.90	1.80	2.10	30.9
RECCo Budget	0.36	0.38	0.29	0.28	0.31	0.45	0.37	0.18	0.23	0.27	0.28	0.32	3.74
RECCo Forecast	0.33	0.34	0.25	0.25	0.28	0.42	0.33	0.14	0.20	0.24	0.25	0.29	3.32
Total Budget	6.19	6	5.74	7.22	6.85	7.89	5.05	4.71	5.58	4.49	4.47	5.64	69.85
Total Act/Forecast	5.42	5.72	5	5.49	5.02	5.54	6.56	5.61	5.22	5.2	5.18	3.14	66.86

Please note:

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

Central Party Finances –
Colour Key

Actuals data

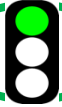
FTIG meetings

- Focus of recent sessions has been tracking progress on:
 - Cycle 3 preparation activities (during the Maintenance window)
 - Cycle 3, Sprint 5 progress
 - CR055
- Recent specific topics:
 - Cycle 3 preparation activities across Test Planning, Data, Coordination / ADO / Defect Management, Test Architecture and Design
 - SIT Settlement Testing Progress, including tracking of defect levels
 - SIT Functional and Migration testing progress
 - Regression Testing Approach and Principles
 - Test Case Rationalisation approach
 - Test Evidence optimisation
 - CR055 updates
 - Settlement testing delivery approach / schedule (to be covered on 01-Nov-24)
- Continued good engagement from CPs and PPs
- Open & transparent discussion on the above topics both in FTIG and in associated bilaterals
- Running weekly and for an extended duration of 90 mins as requested by participants
- FTIG content continues to be shared as appropriate through SITWG, SITAG, PSG

MHHS Programme
 IPA
 Avande (DIP)
 British Gas / Centrica
 BUUK Infrastructure
 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
 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

- M7 Ofgem SCR Modifications at Consultation phase
- M8 activities are on track, although M10 delivery is at risk (CR055)
- Post-M6 Code change process and DIN analysis ongoing



September Summary

- Agree post-M6 Code change process
- Support and monitor M7 relevant SCR Modifications delivery
- Support and monitor M8 BSC/REC/DCUSA implementation activities



Next Month Deliverables

- Progress post-M6 DIN items to an agreed solution – close/progress
- Support M7 relevant SCR Modifications delivery
- Support M8 BSC/REC/DCUSA implementation activities

Mstn Ref	Drafting Milestones	Baseline date	Forecast date	Status
T2-RE-0600	Ofgem decisions on M6 baselined code modification proposals (M7)	11/12/24	11/12/24	Green
T2-RE-0650	Code changes delivered (M8)	07/03/25	07/03/25	Red

PSG - Qualification Update

Overall Status / Progress
<p>Overall Qualification:</p> <ul style="list-style-type: none"> Review of impact of the CR55 milestone changes on the Qualification dates across SIT, Non-SIT LDSO and Non-SIT S&A waves. Self-Qualification Assessment Document (SQAD) for new BSC Market Entrants endorsed at QAG for approval at October's BSC PAB. <p>Non-SIT Supplier & Agent Qualification:</p> <ul style="list-style-type: none"> Code Bodies stated position on Wave Reallocation at QWG and QAG, with an information request to be sent out to support participants who wish to move between Waves 2, 3 and 4. Updated PIT/QT RTTMs published to the Collaboration Base. Preparation of Beta Testing phase for QTF underway with testing due to start in November. <p>Non-SIT LDSO Qualification:</p> <ul style="list-style-type: none"> Working between LDSOs and LDSO QT team to agree Test Data is ongoing with good progress being made. 9/10 LDSO QT participants have shared data 7/10 of LDSOs have completed DIP Onboarding – programme working with the outstanding LDSOs. Smoke testing scheduled for w/c 18 November – timing being agreed with LDSOs. Test harness connectivity and acceptance testing close to completion Sessions beginning to be held with each LDSO to agree individual test schedules. Majority of LDSO are on track to be PIT complete for migration and functional by end of November. Programme working with those who are not on track.

Key upcoming milestones		
Milestone name	Date	RAG
Qualification Approach and Plan v3 (Non-Functional & Operational)	29/08/24	C
Non-SIT LDSO Participants have submitted PIT Test Completion Report & evidence for QT Entry	29/11/24	G
Qualification Testing for Non-SIT LDSOs (Functional, Migration, NFT, Operational) Programme Test Readiness confirmed	20/12/24	G

Qualification Cohort	Key Concern or Risk	Mitigation or Resolution	RAG
Non-SIT LDSO	Additional test data preparation needed to support alignment to test harness and data cleanse activities	Good progress being made with test data preparation. 9/10 LDSO have shared data with programme. Trail runs of updating data for the test harness attributes is underway with a number of LDSOs	G
Non-SIT LDSO	Progress or test coverage in SIT Cycle 2 &/or SIT Migration not sufficient to start LDSO QT	Working closely with SIT teams to understand progress and agree prioritised test coverage and exit criteria. As part of CR55, Test start date moved to January 2025 which will allow more SIT testing to complete.	G
SIT MVC & Non-SIT LDSO	Timelines very tight for finalising QAD and confirming Qualification with REC Code Manager and BSC PAB ahead of M10/11 deadlines.	Working closely with SIT and Non-SIT LDSO teams to understand testing timelines and where Qualification activities can complete ahead of test sign off. Engagement with BSC PAB ongoing to ensure expectations are set around SIT MVC and Non-SIT LDSO Qualification. Review alongside the re-evaluations of timelines.	A
Non-SIT Supplier & Agent	Key dependency on SIT NFT and Operational Test RTTM which will impact finalisation of QT scope if delayed further.	Working collaboratively with the SIT teams to understand the delivery timelines and to get sight of the RTTMs as early as possible to inform QT scope.	A
Non-SIT Supplier & Agent	Risk that a large number of Suppliers and Agents will wish to move wave due to the delay to Programme dates and will exceed capacity.	Code Bodies stated their position at QWG and QAG for Wave Reallocation with no concerns were raised by the reps. An information request is being sent out to understand which participants wish to move between waves 2, 3 and 4. This will be followed by a Wave Request form submission by participants who wish to move which will be assessed and validated by Code Bodies. With the aim to confirm all wave movements by the end of the year.	A

The Supplier Submission exercise was extremely well supported by Suppliers and has proven to be an invaluable exercise. The Migration team would like to thank all the suppliers that invested in this process

Success 1 – Industry engagement

- Migration schedules were received for over 98% of industry MPANs
- 91% of the submissions adhered to the Migration Framework principles
- The MCC engagement and support processes worked (webinars, drop-in sessions, bi-laterals, support materials)

Success 2 - Framework validity and integrity

- The Framework logic and calculations operated as intended
- Central system and LDSO thresholds were adhered to
- Migration capacity was allocated fairly
- There is sufficient contingency to protect M15

Success 3 - New insights and learnings

- This exercise has enabled the MCC and participants to obtain early insights into opportunities and risks to the MHHS Migration
- Initial findings were discussed at the MWG on 10 October
- The MCC will publish a report shortly, documenting the insights, successes, opportunities and risks identified during this exercise and proposed next steps per finding

Governance group updates

Programme Steering Group (PSG)

PSG 02 October 2024

Testing Update: Programme provided an update on the end of Cycle 2 testing and preparations for Cycle 3.

M10 Planning Update: Programme provided the latest update on the changes to be made to the Programme Plan.

E-PSG 18 October 2024

SRO recommended CR055, *Amendments to M10 and corresponding milestones*, to Ofgem for approval

SRO ratified the approval of CR056, *Batching of ERDS to CSS Agent Appointment Files*.

PSG papers available [here](#).

Design Advisory Group (DAG)

DAG 09 October 2024

Meeting held by correspondence owing to diminishing content.

Interim Release Update: Interim Release 8.3 was published on 18 September 2024 to address defects raised within SIT Cycle 2 testing, it also included CR054 updating the volumes detailed in the Non-functional Requirements.

Change Request Updates: Programme provided updates on CR055 and CR056.

DAG papers available [here](#).

Cross Code Advisory Group (CCAG)

CCAG 23 October 2024

In the meeting, the CCAG provided updates on:
Programme Updates: Including an update on the progress of CR055.

Horizon Scanning Log: National Grid ESO, DCUSA, REC and BSC provided updates.

M6 Reporting: Post M6 Code Change Process and top Programme risks relating to CCAG.

M7 Delivery: Ofgem M7 delivery.

M8 Code implementation: Code Bodies and DIP Manager update on the M8 Code Implementation/go-live.

November CDWG1 was cancelled.

CCAG papers available [here](#).

Wider Programme Updates

Participant Checklist:

There are a few updates this week, so this week's Participant Checklist includes the following items for Programme participant review, feedback and awareness:

1. REMINDER: Collaboration Base, Website and The Clock Participant Feedback Survey – the deadline is **Monday 4 November 2024**
2. NEW! Systems Integration Testing (SIT) Operational Test Scenarios and Test Cases Theme 3 (Batch 1) Industry Consultation – the deadline is **Monday 11 November 2024**
3. NEW! Change Requests CR058 & CR059 issued for Impact Assessment – the deadline is **Wednesday 13 November 2024**
4. NEW! Design Interim Release 8.5 Artefacts coming soon
5. REMINDER: Full Meter Point Administration Number (MPAN) Refresh Data Cleanse activity
6. Qualification Assessment Document (QAD) Consultation coming soon

You can view the **Participant Checklist** on the respective **Planning pages** of the [Collaboration Base](#) and the [MHHS website](#). In the Participant Checklist you can view upcoming consultations and key deliverables, as well as the latest status of Change Requests in the **Master Change Request Dashboard** tab.

We've created the **Interim Release and Swagger version alignment document** for SIT participants. You can view this document on the respective **SIT pages** of the [Collaboration Base](#) and [MHHS website](#).

System Integration Testing Advisory Group (SITAG)*

SITAG 16 October 2024

SIT Operational Test Scenarios and Test Cases Theme 3: Programme provided an update on Theme 3 and flagged that ongoing collaboration between Helix and the ongoing industry consultations.

Maintenance Window Update: Programme provided an update on the maintenance window activities, highlighting the ongoing settlement testing and the changes to the test evidence capture policy.

CR55 Update: Programme discussed CR055 timeline, the feedback received, and proposed changes, including the addition of contingency sprints and the impact on the go-live date.

SITAG papers available [here](#).

Qualification Advisory Group (QAG)*

QAG 17 October 2024

Wave Allocation: The Code Bodies provided an update on whether Wave Reallocation can be supported with the outcome of CR55 and the potential next steps.

IPA Update: The IPA provided an update on the Period 8 Test Assurance.

Qualification Documents: The Chair, acting with delegated authority of the MHHS Senior Responsible Owner (SRO), approved the Self-Qualification Assessment Document (SQAD) to go to BSC PAB on 31 October 2024.

The Programme also provided an update on CR055.

QAG papers available [here](#)

Migration & Cutover Advisory Group (MCAG)*

MCAG 22 October 2024

Service Design Consultation: MCAG endorsed the Service Design Document v2.4 and the Low Level Service Design v2.2, noting that the interaction between service desks would need to be detailed in the Service User Operating manual to be produced in December.

The Programme also provided an update on MWG, DCWG, TORWG and CR055.

MCAG papers available [here](#).

Upcoming Governance Meetings:

- **Thursday 31 October 2024:** Data Cleanse Working Group (DCWG)
- **Wednesday 6 November 2024:** Programme Steering Group (PSG)
- **Wednesday 6 November 2024:** Non-SIT Supplier and Agent Qualification Testing Subgroup (SAQTSG)

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



Testing

- The PPC has been supporting the Testing team with preparatory activities for the start of Cycle 3, including coordinating the SIT Cycle 2 retrospective, the ADO training refresher session and the DITL session.
- The PPC has been supporting the Test Data team with comms and engagement around the Cycle 3 Data Load activities.
- The PPC has been supporting the Testing team with the uplifting of SIT Functional Test Scenarios and Cases for Cycle 3.
- **Next Steps:** Coordinate the comms for the SIT Operational Theme 3 Batch 1 Test Cases – pre-industry consultation engagement activity, continued support with SIT test execution activities



Qualification

- The PPC has sent out a consent form for SIT and Non-SIT Suppliers and Agents to provide consent for the publishing of Migration and Qualification information on Programme communications channels. It is understood that there may be requests for Wave reallocations if CR55 is approved, and therefore it is the Programme's approach to publish the information once any Wave reallocation activity has concluded.
- The PPC reinforced key messages regarding Qualification artefacts and deliverables at the I&C Suppliers Monthly Bilateral, including signposting the Qualification Approach & Plan and Qualification Assessment Document, artefacts to support PIT scope development, and Wave deliverable due dates for the Final PIT Approach & Plan.
- The PPC is tracking progress of non-SIT LDSOs DIP onboarding through weekly status reports. A total of 7/11 have now onboarded and follow up meetings are being held with participants that are experiencing issues or blockers. From a Qualification Testing perspective, the Day In The Life document is due to be completed and published shortly.
- **Next Steps:** Support communications for the Wave Reallocation PPIR, and continued support to Non-SIT LDSOs for the successful completion of DIP Onboarding.



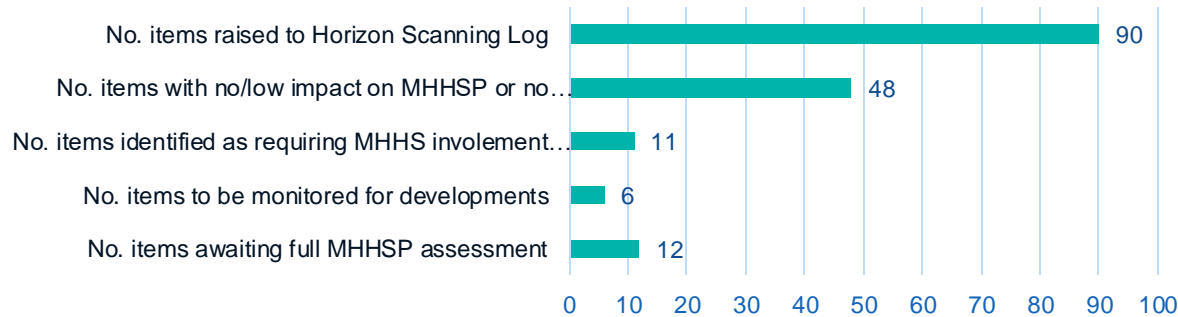
Targeted and Tailored Communications

- PPC supported with the publication of multiple uplifted SIT Functional Test Cases and Test Scenarios, in preparation for Cycle 3
- Published Design Artefacts for IR 8.4 on Collaboration Base and Website
- The PPC supported comms and updates to the working plan that is currently being published on an ad-hoc basis on the Collaboration Base and Website including any changes to the Programme Plan as a result of CR055.
- Supported the SRO with the preparation and launch of the annual MHHS Communications Channel Survey, closing on 4 November.
- **Next steps:** Review initial responses to the Communications Channels Survey to help inform a detailed analysis and report.

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: 90 – REC: 49, BSC: 19, DCUSA: 14, SEC: 5, CUSC: 3

Wider industry changes: 5 – HH opt-out, DUoS SCR, code review, microbusiness definition, licence change

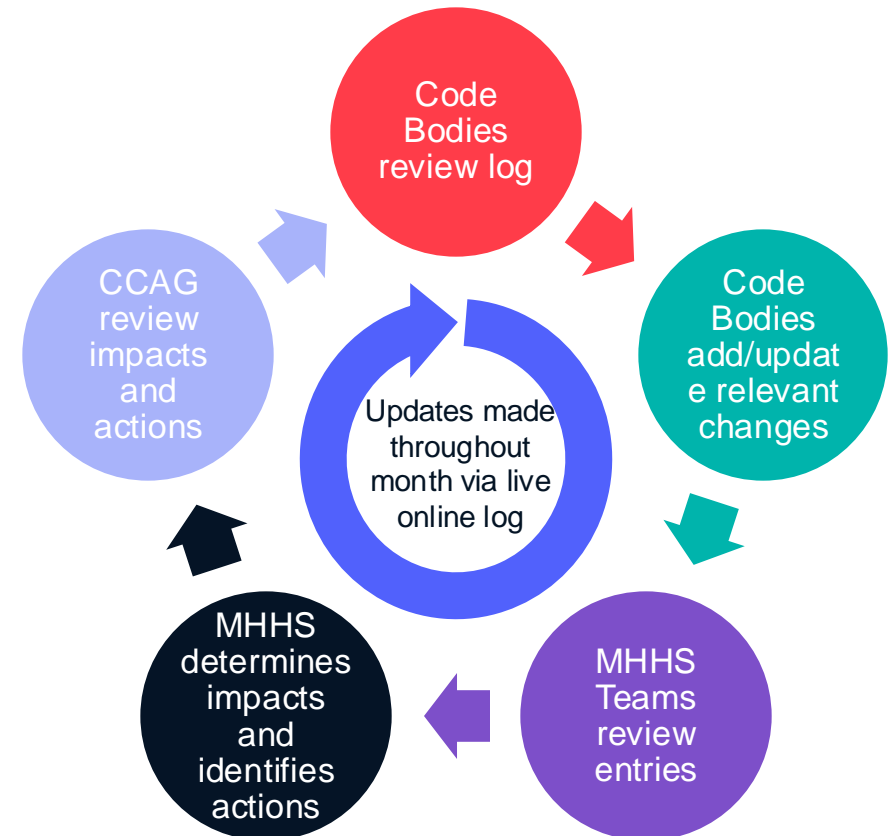
Criticality of horizon scanning items – High: 11, Medium to High: 3, Medium: 3, Low/No impact: 48

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.

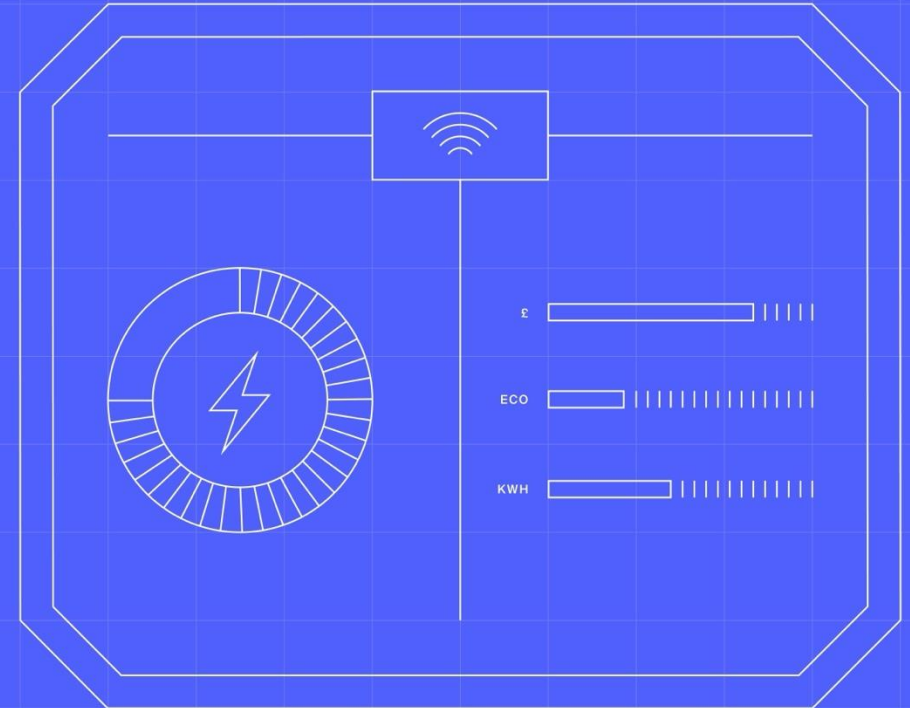


Summary and Next Steps

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: **04 December 2024 10:00 – 12:30 (face to face)**

04 December 2024 agenda items

- Testing Update
- Programme Change Requests
- CR055 Ofgem Decision Update
- Elexon Update on Settlement Analysis Model

Standing items

- Minutes and Actions
 - 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



Appendix 1 – RAID Theme Slides

Risk theme 3: Risks to SIT Non-Functional and SIT Operational

Theme	Summary	Mitigation Approach Overview
Risks to SIT Non-Functional and SIT Operational	The theme explores the factors which may affect the Programme being able to complete SIT Non-Functional and Operational within the planned duration	<ul style="list-style-type: none"> A PIT NFT Tooling questionnaire has been issued to all participants as a means of understanding their current methods of generating, and processing, of IFs and PUBs messages. Additionally, participants have been asked how they have simulated various routes outside of programme scope but are integral in allowing end to end business processes to be completed.

		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
R948	There is a risk that delayed return of PIT readiness documentation from PPs may delay the start of SIT NFT.																														Score reduced from 21 to 19	<ol style="list-style-type: none"> CR055 (including it's 6 week SIT extension) has been recommended for approval from PSG to Ofgem. It is agreed that PPs and Programme will work off the CR055 timelines as the new baseline as we await Ofgem decision (estimated before end of year but not confirmed) Therefore this risk has been mitigated by the updated, realistic timeline—reason for score reduction
R753	There is a risk that if the MHHS Service Design is not completed at pace, the minimum required service management processes (and supporting technology) will not be ready to test within the SIT Operational testing phase																														Score remains at 25	<ol style="list-style-type: none"> Elexon have received feedback from Industry and MHHS and are looking to get a final version agreed . A first draft of the Service Operating Manual is due to be published in December.

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: Risks to Qualification success

Theme	Summary	Mitigation Approach Overview
Risks to Qualification Success	Code Bodies are accountable for Qualification for all relevant PPs. Industry participants have raised a risk historically 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"> CR 47 and 48 have been approved by programme governance. This includes some additional milestones to support participant planning. CR 47 and 48 now embodied in Programme Plan which has highlighted R900 risk to M10 (in later slide). Ongoing collaboration between MHSP and Code Bodies and industry to develop and approve Qualification material through QWG & QAG. Wave allocation has been confirmed and Code Bodies are reviewing placing reliance

		Key Risks																														
Risk/Issue ID	Risk Description	Risk Score Assessment																				Current score movement since last PSG	Mitigation Plan									
		Critical					High					Medium					Low															
		30	29	28	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11			10	9	8	7	6	5	4	3	2
R532	There is a risk that SIT participants will need to execute additional Qualification Testing to qualify																														Score remains at 15	1. Migration role-based gaps have been identified, mitigations for Functional and Migration gaps are ongoing, expected to complete 04-November.

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 5: Commencing and completing Migration successfully

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

		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
R700	There is a risk that Suppliers and Agents do not complete Qualification in line with their delivery plans and this places pressure on the volumes that needs to be delivered over the remainder of the migration period																													Score remains at 17	<ol style="list-style-type: none"> Engagement with Suppliers and Agents to ensure they build a Qualification delivery plan that is achievable, and that they remain on track to deliver this plan. Increased flexibility from Code Bodies in wave qualification. Close liaison and reporting required from Qualification team to the Migration Control Centre. Workshops held with Elexon and Migration Control Centre to understand the MI reporting which would be in place to monitor S&A QT participants through Qualification. Follow up sessions to be held to understand escalation approach where off track.
R828	There is a risk that Suppliers initiate more migrations than planned, or exceed the Threshold volumes																													Score remains at 18	<ol style="list-style-type: none"> Mitigations to be agreed as part of Consultation 2 of the Migration Framework. Exploring regulatory mechanisms that deal with scenarios where participants breach agreed system thresholds. Migration governance framework developed with MWG. Incentives to be developed with Code Bodies.

Key	
I	Initial Score
C	Current Score
T	Target Score

Thank you