
Programme Steering Group #33

05 June 2024

Agenda

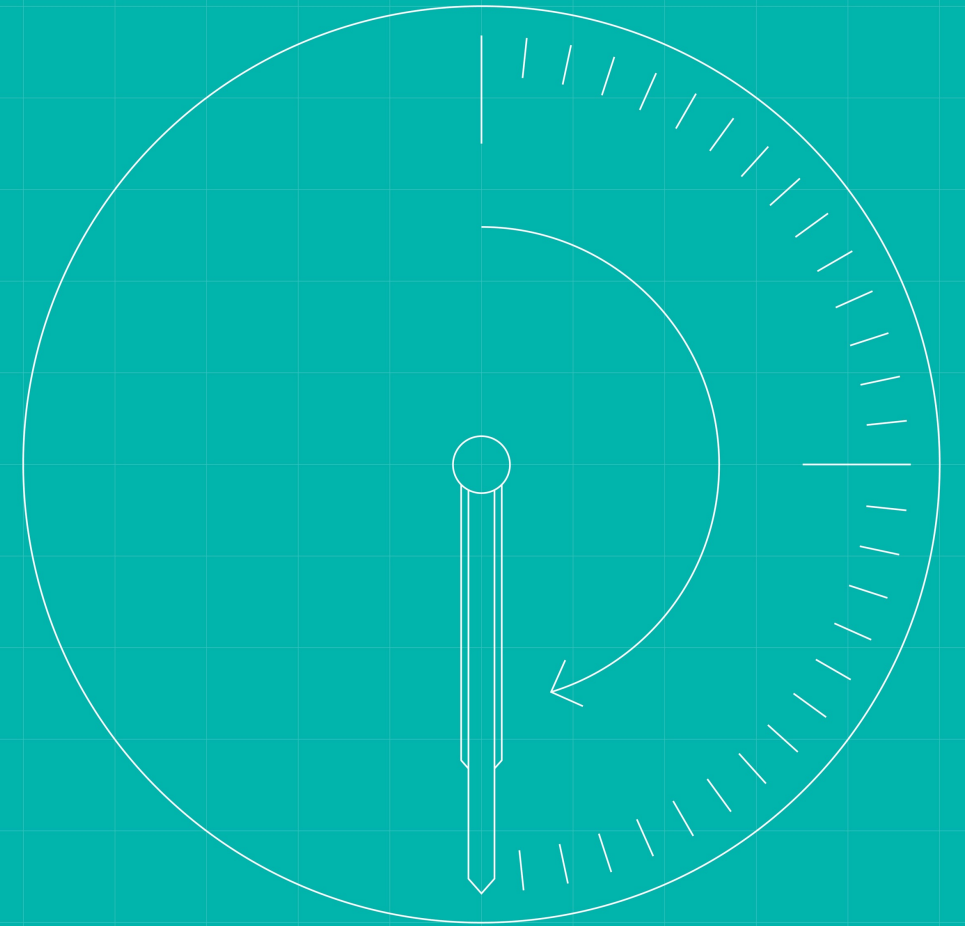
#	Item	Objective	Type	Lead(s)	Time	Page
1	Welcome		-	Chair	10:00-10:05 5 mins	1
2	Headline Report and Actions	Approve headline report of previous meeting and actions review	Decision	Chair & Secretariat	10:05-10:15 10 mins	3
3	Programme Reporting	Updates from the Programme on System Integration Testing (SIT)	Information	Programme (Adrian Page)	10:15-10:25 10 mins	7
4	Core Capability Providers (CCP) Deep Dives	Detailed updates and discussion on Core Capability Provider delivery: Helix, DIP, RECCo, DCC, ElectraLink, St Clements, DNO, IDNO	Discussion	Core Capability Providers & Central Parties	10:25-11:45 80 mins (10 mins per CCP average)	12
5	Programme Change Requests	Decision on implementation following escalation from DAG: CR044, and updates on Change Requests.	Decision / Information	Programme (PMO)	11:45-11:55 10 mins	40
6	Qualification Testing Updates	Updates on Qualification Testing from the Programme and Elexon	Information	Elexon (Laura Kennedy), & Programme (Nicola Farley)	11:55-11:55 0 mins	46
7	Pre-Qualification Submission Update	Summary of key findings from participant Pre-Qualification submissions	Information	Programme (Pete Edwarde)	11:55-12:05 10 mins	48
8	Migration Update	Programme updates on Migration plan and progress	Information	Programme (Warren Fulton)	12:05-12:10 5 mins	56
9	MHHS Open Day Summary	Summary of the MHHS Open Day held 24 April 2024	Information	Programme (PPC)	12:10-12:20 10 mins	59
10	Delivery Dashboards	For note, slide content will be covered in more detail in Agenda Item 4. These slides have been moved to the appendix for viewing.	Information	Chair	12:20-12:20 0 mins	61
11	Summary and Next Steps	Summarise actions and decisions, and look ahead to next meeting	Information	Chair & Secretariat	12:20-:12:25 5 mins	62
	Appendix	New Advisory Groups Update Questions from PSG members on delivery dashboard content				65

Headline Report and Actions

DECISION: Approve minutes and review actions

Chair & Secretariat

10 mins



Headline Report and Actions (1/3)

1. Approval of [PSG 01 May 2024 Headline Report](#)
2. Review of actions:

Ref	Action	Owner	Due	Latest Update
PSG18-05	Look into the assurance process for LDSOs for the accuracy of data for DUoS billing	IPA (Richard Shilton) Programme (Jason Brogden)	January 2024	RECOMMEND CLOSED (IPA): The IPA recommendation over consequential change (DBT2) assurance was presented at the May PSG meeting. RECOMMEND CLOSED (JB): Latest updates on assurance process for LDSOs for the accuracy of data for DUoS charging provided by Programme in Headline Report of PSG held 01 May 2024 (see ACTION PSG32-01) and by email.
PSG21-05	Programme to discuss with IPA the potential inclusion of IPA test assurance activities alongside programme plan information, to assist participants' view of effort requirements	Programme and IPA	03/07/24	ONGOING: The high level IPA plan to be incorporated into the Programme Implementation Approach which is due to be refreshed in June 24. A more detailed view of the IPA assurance plan is also being developed to set out IPA assurance activities over the next 12 months. This will be shared at July PSG.
PSG32-01	Programme to share the latest updates on assurance process for LDSOs for the accuracy of data for DUoS charging	Programme (Jason Brogden)	03/05/2024	RECOMMEND CLOSED: Latest updates included in Headline Report of PSG held 01 May 2024 and by email.
PSG32-02	Elexon Representative to share paper with PSG on arrangements for settlement analysis to consider potential impacts which may occur following MHHS go-live	Elexon (John Abbot)	05/06/2024	RECOMMEND CLOSED: Elexon paper shared with PSG 17 May 2024 via MHHS PMO.

Headline Report and Actions (2/3)

Ref	Action	Owner	Due	Latest Update
PSG32-03	Elexon to arrange discussions with PSG on paper on arrangements for settlement analysis to consider potential impacts which may occur following MHHS go-live	Elexon (John Abbot)	05/06/2024	<p>ONGOING: The Paper on Settlement analysis was shared with the PSG attendees following the May PSG. We have since met with Gareth Evans, Graham Wood, Jason Brogden to discuss further the preferred next steps. Elexon have identified the scenario 11.1.1 from the CR0013 output paper as the key scenario to focus on for potential progress with the GCF risk being noted as the one to follow up on rather than the Trading Charge risk.</p> <p>Elexon are following up on a potential approach to build out a Spreadsheet model to test out the scenario and Gareth Evans and Graham Wood are liaising to look to gather a block of real world MPAN data to feed into it. When both activities are concluded, Elexon will liaise to confirm feasibility of conducting a test. This does not yet constitute a commitment to produce a model by Elexon as Elexon needs to be certain of the feasibility, boundaries and level of effort so as not to place undue risk on our wider Helix delivery and MHHS Business Readiness activities. However, Elexon anticipates being able to confirm the specific actions that can be taken at the July PSG.</p>
PSG32-04	Programme to issue CR050 (<i>Amendments to the MHHS Change Control Approach and Form</i>) to Impact Assessment to obtain participant views to support Ofgem decision on approval	Programme (PMO)	ASAP	RECOMMEND CLOSED: CR050 issued to Impact Assessment 14 May 2024. Response deadline 29 May 2024. Ofgem will review Impact Assessment report, with the approval decision to be communicated in the July PSG.
PSG32-05	Programme to determine mechanism for assessing implementability of CR044 and CR045 with participants ahead of M10	Programme (PMO)	05/06/2024	ONGOING: PPIR issued to measure Programme Participants' ability to implement CR044 ahead of M10. DRG sessions held to finalise the solution design for CR045 before assessing ability to implement.
PSG32-06	Programme to engage Code Bodies ahead of the final decisions on CR044 and CR045 to ensure arrangements are in place for handover and implementation as soon after M10 as possible, if implementation is not possible pre-M10	Programme	05/06/2024	RECOMMEND CLOSED: Programme will engage with Code Bodies on any CRs that are to be handed over post M10. The enduring process is being built by Helix, once enduring change agreed Programme to ensure CRs are effectively managed.
PSG32-07	Programme to hold Design Resolution Group (DRG), to develop detailed solution for CR045	Programme (Paul Pettit)	05/06/2024	ONGOING: A further meeting has been arranged Friday 31 May to capture final comments from Participants.
PSG32-08	IPA to consider governance of DBT2 assurance and any participant impact assessment required	IPA (Richard Shilton)	05/06/2024	ONGOING: Currently under discussion with the Programme.

Headline Report and Actions (3/3)

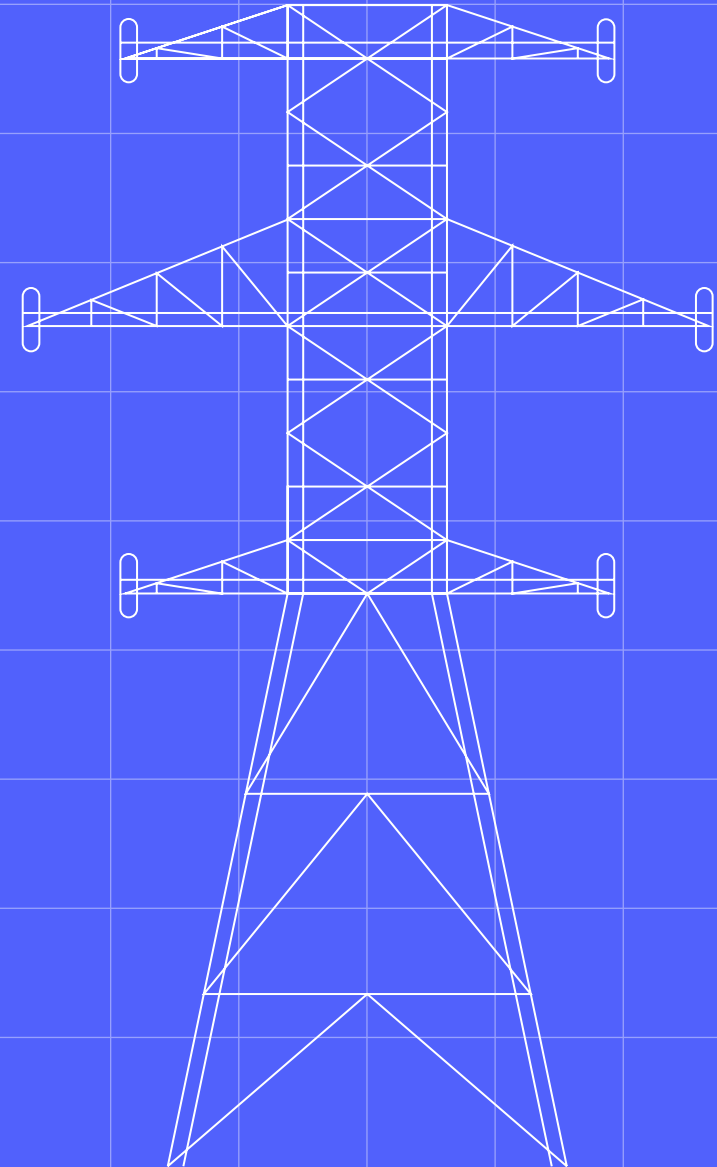
Ref	Action	Owner	Due	Latest Update
PSG32-09	IPA to discuss DBT2 assurance arrangements and approach with Large Supplier Representative	IPA (Richard Shilton)	05/06/2024	RECOMMEND CLOSED: Meeting held with the Large Supplier Representative to understand questions, and these are being incorporated into the approach for consequential change assurance. This approach will be shared at MCAG in due course.
PSG32-10	Programme to discuss SIT Functional Cycle 1 exit criteria with Large Supplier Representative	Programme (Adrian Page)	05/06/2024	RECOMMEND CLOSED: material shared with the Large Supplier Representative and no follow up questions raised.

Programme Reporting

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

Programme (Adrian Page)

10 mins



Testing Update (as at 29-May)

SIT Functional

- Cycle 1 finished on 24-May
- Outcome 1 - 94% of the 142 unique tests were executed by at least 1 cohort, with most business themes executed to 70-100% of coverage. Overall pass rate - 55% of the unique tests cases passed by at least 1 cohort
- Outcome 2 – 3 out of 3 CoA tests passed and 1 out of 4 CoS tests passed
- We acknowledge progress to date is not as fast as expected, individual cohort coverage is lower than expected and progress on the incomplete tests (measured by steps completed) is quite varied for the paused / in progress tests, with the majority of the failed tests failed in the early part of the test case
- FTIG and IPA agreed to continue with the planned maintenance window to uplift to IR7.3 and commence cycle 2 on 10-Jun
- Cycle 1 incomplete tests (and those not executed, and Settlement Theme 8) will be performed as a high priority in Cycle 2 to give assurance on the overall design coverage / identify any significant defects asap into Cycle 2.
- Cohort by cohort test case execution modelling and test execution process improvements shared with FTIG and being implemented
- Further improvements expected from the Cycle 1 retrospective being held with participants 29-May

SIT Migration

- Based on St Clements' readiness this testing has been split into 3 phases.
- Phase 1 (Forward Migration CoA) is due to start on 10-Jun s.t. SITAG approval on 10 Jun.
- Phases 2 & 3 are planned to start in early & late July, respectively.
- Test cases have been approved by industry and are being loaded into ADO during the maintenance window.
- Test data plans on track, with minor variance.
- Non-SIT LDSO testing dependent test cases have been prioritised to complete by Aug-24.
- All participants are planning to be ready to commence testing on time – except one, who will be ready for 15-Jul – the related cohort will therefore start late.

Other SIT Stages

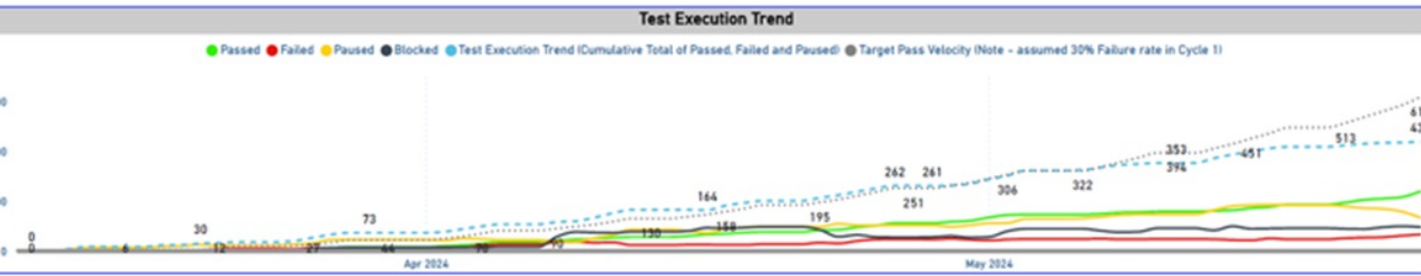
- SIT Non-Functional - the Approach & Plan was not tabled for approval at May SITAG whilst test tool assumptions are further validated with participants. The test scenarios and test cases are being developed in conjunction with industry.
- SIT Operational – Approach & Plan was approved at the May SITAG approval. Test scenarios and test cases are being developed in conjunction with industry.

SIT Functional Test Status (24th May 24 / End of Cycle 1)

Cycle 1 Outcome Objectives:

- Business Processes tested (not passed) utilising Single MPAN Data, established using a summation of all 8 Cohort Test progress achievements**
- SIT Migration dependant Processes executed and passed, with any exceptions documented and agreed**

Cohort	Total	To Be Executed	Total Executed	Passed	Failed	In Progress	Paused	Blocked	N/A	Total Executed %	Passed %	Failed %	Paused %	N/A %
SITF Cohort A	99	28	71	45	9	0	2	15	0	72%	45%	9%	2%	0%
SITF Cohort B	80	30	50	26	5	0	7	12	0	63%	33%	6%	9%	0%
SITF Cohort C	80	34	46	26	4	0	10	6	0	58%	33%	5%	13%	0%
SITF Cohort E	80	24	56	18	6	0	16	16	0	70%	23%	8%	20%	0%
SITF Cohort F	80	17	63	38	3	0	18	4	0	79%	48%	4%	23%	0%
SITF Cohort G	101	49	52	21	4	0	19	7	1	51%	21%	4%	19%	1%
SITF Cohort H	80	40	40	15	3	0	12	9	1	50%	19%	4%	15%	1%
SITF Cohort J	101	6	95	46	18	0	20	11	0	94%	46%	18%	20%	0%
SITF Shared Cohort A and C	37	14	23	1	8	0	10	4	0	62%	3%	22%	27%	0%
SITF Shared Cohort A, G and J	4	0	4	1	0	0	0	3	0	100%	25%	0%	0%	0%
SITF Shared Cohort B and E	35	23	12	0	1	0	7	4	0	34%	0%	3%	20%	0%
SITF Shared Cohort F and J	37	17	20	2	3	0	12	3	0	54%	5%	8%	32%	0%
SITF Shared Cohort G and H	37	32	5	0	2	0	1	2	0	14%	0%	5%	3%	0%
Total	851	314	537	239	66	0	134	96	2	63%	28%	8%	16%	0%



Headlines (end of week 11 of 11):

- Test execution has continued to maintain a steady trajectory from the outset until week 9, however this trend has reduced in the past 3 weeks as there has been focus on priority paired tests - these are much longer tests which take longer to achieve completion.
- **Objective 1** – status based on the summation of all Cohorts activity on the 142 Cycle 1 unique test cases in scope:

Category (= status in at least 1 Main Cohort, or Paired Cohort)	Total	%
Unique tests either with a Passed, Failed, Paused or Blocked status	134	94%
Of which;		
Unique tests with at least 1 Cohort in a Passed status (+20 vs. wk 10)	78	55%
Unique tests with currently only a Failed status across 1 or more Cohorts	30	21%
Unique tests with at least 1 'Paused' status (but no Passed or Failed)	19	13%
Unique tests with at least 1 'Blocked' status (i.e. no Passed, Failed or Paused)	7	5%
And;		
Unique tests yet to be exercised by any Cohorts	8	6%

- **Objective 2** – Cycle 1 priority test status (3 P1 CoA and 4 P2 CoS tests) can be found on the next slide.
- **Cycle 1 has now closed**, and Participants have entered a maintenance window where they will upgrade their systems to IR7.3 in readiness for Cycle 2, scheduled to commence on 10th June 24.

Cycle 1 Priority CoA & CoS Tests (24th May 24)

- In week 9, 3 Change of Agent and 4 Change of Supply tests have been prioritised to enable SIT Migration (noting the CoA tests should be prioritised over CoS tests). Any defects associated with these tests have been assigned a P1 status to ensure the correct focus.

Priority	Process	Test Case	A & C	B & E	F & J	G & H	A,G & J	Current Forecast Completion (Best Case)	Commentary
1	Change of Agent	SITFTS-0110 TC02 - Traditional Metered	Passed (41/41)	Paused (39/41)	Paused (30/41)	Paused (26/41)	N/A	24 th May	<ul style="list-style-type: none"> A&C – Passed B&E – Test will need to be restarted due to impact of defect 33157, but not able to conclude by 24/05. PP is prioritising Cohort A&C progress. F&J – Stalled due to internal Cohort issue. G&H – In Progress.
		SITFTS-0130 TC02- Advanced	Failed (5/38)	Paused (18/38)	Passed (38/38)	Paused (18/38)	N/A	23 rd May	<ul style="list-style-type: none"> A&C – Internal defect raised by SUP 32719, fix ETA now 24/05 therefore won't be completed in C1. B&E – Paused as prioritised other main cohort tests that had potential to conclude. F&J - Passed G&H – Paused as prioritised other main cohort tests that had potential to conclude.
		SITFTS-0130 TC03- Unmetered	N/A	N/A	N/A	N/A	Passed (33/33)	22 nd May	A,G&J – Passed
2	Change of Supply	SITFTS-0020 TC02- Advanced	Paused (65/94)	To Be Executed (0/94)	Paused (22/94)	Paused (22/94)	N/A	24 th May	<ul style="list-style-type: none"> A&C – Not been able to Progress beyond 65 B&E - PP is prioritising Cohort A&C test progress, therefore won't be completed in C1. F&J - Needed a restart due an internal issue, therefore won't be completed in C1. G&H – Needed a restart due an internal issue, therefore won't be completed in C1.
		SITFTS-0020 TC03- Unmetered	N/A	N/A	N/A	N/A	Blocked (0/81)	24 th May	A,G&J - UMSDS – P1 Test Case Query 32893 – test case has been confirmed as invalid and to be removed from scope, SI Test assurance have advised that TC 'SITFTS-0010 TC03' will cover the requirements however this test can't be concluded in the C1 timescale.
		SITFTS-0020 TC05- Smart Single	Paused (38/90)	To Be Executed (0/90)	Passed (90/90)	Paused (14/90)	N/A	24 th May	<ul style="list-style-type: none"> A&C – In Progress B&E - Currently awaiting the outcome of TC defect 32614 before being progressed F&J - Passed G&H – Needed a restart due an internal issue, therefore won't be completed in C1.
		SITFTS-0030 TC02 - Advanced	Failed (3/94)	Paused (5/94)	Paused (23/94)	Paused (12/94)	N/A	24 th May	<ul style="list-style-type: none"> A&C – was Failed today due an Internal defect 33238, will not complete in C1. B&E – Was In Progress, however SSD date has lapsed so will need a restart, which means test can't be concluded in C1 timescales F&J – Paused due to an internal issue which is under investigation, can't now be concluded in C1 timescales G&H - Needed a restart due an internal issue, therefore won't be completed in C1.

Today

Mar 11 - May 24 **SIT Functional Cycle 1**

IR7.1 Maintenance Window May 27 - Jun 7

Jun 10 - Aug 16 **SIT Functional Cycle 2**

IR8 Maintenance Window Aug 19 - Aug 30

Sep 2 - Oct 18 **SIT Functional Cycle 3**

Maintenance Window Oct 21 - Nov 1

Nov 4 - Jan 3 **SIT Functional Regression**

SIT Functional MVC Test Complete Jan 3

Jan 6 - Apr 4 **SIT Functional (Other PPs, Cont'd Support)**

Nov 4 - Jan 3 **Final Settlement Run (If Req')**

Jun 10 - Oct 18 **SIT Migration**

Nov 4 - Jan 3 **SIT Migration Regression**

SIT Migration MVC Test Complete Jan 3

Jan 6 - Apr 4 **SIT Migration (Other PPs, Cont'd Support)**

Jun 10 - Aug 16 **SIT Functional Settlement Testing**

Sep 2 - Jan 3 **SIT Non-Functional**

SIT Non-Functional MVC Test Complete Jan 3

Jan 6 - Apr 4 **SIT Non-Functional (Other PPs, Cont'd Support)**

Oct 7 - Jan 24 **SIT Operational**

SIT Operational MVC Test Complete Jan 24

Jan 27 - Apr 4 **SIT Op'nal (Other PPs, Cont'd Support)**

T1-TE-2000 SIT Minimum Viable Cohort Complete Feb 7

Oct 1 - Dec 20 **Non-SIT LDSO Qualification**

Jan 2 Start **Supplier and Agent Qualification**

SIT Env	SIT Stage(s)	Required By
SIT A	Functional Test Migration Test	N/A
SIT B	Functional Settlement Testing Non-Functional Test Operational Test	03-May-24

SIT A Test Environment

SIT B Test Environment

UIT Test Environment

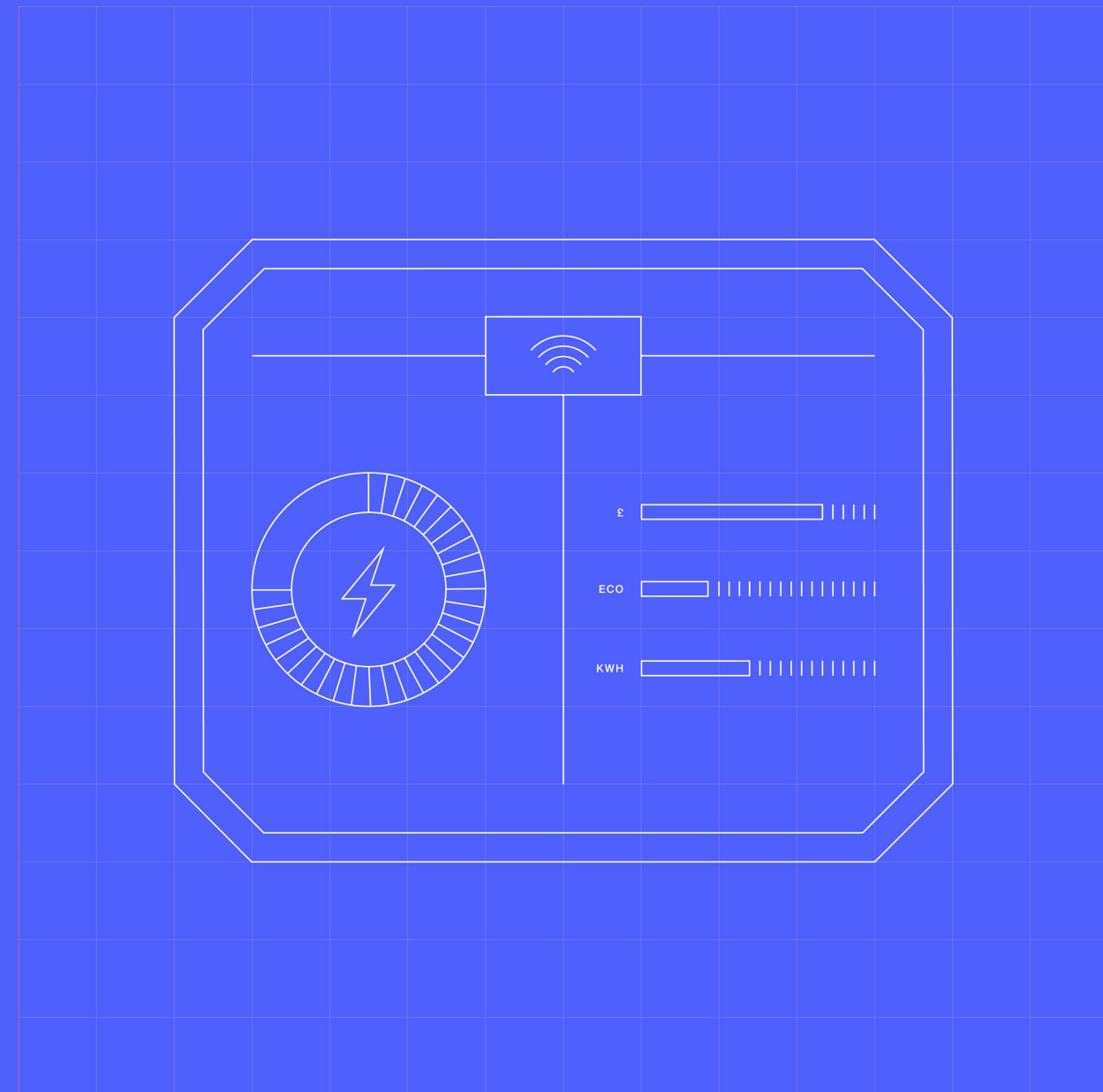
Non-SIT Testing

Core Capability Providers (CCP) Deep Dives

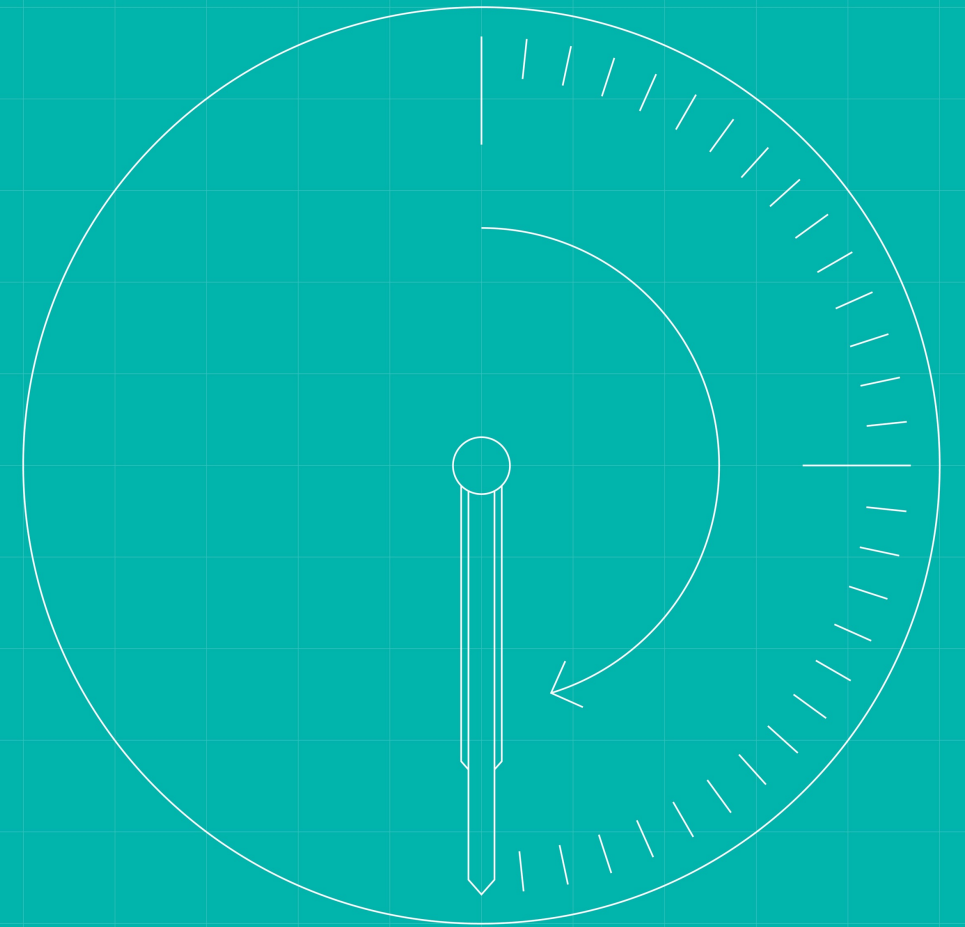
DECISION/INFORMATION: Detailed updates and discussion on Core Capability Provider delivery: Helix, DIP, RECCo, DCC, ElectraLink, St Clements, DNO, IDNO

Core Capability Providers & Central Parties

80 mins – 10 mins per party



Helix Dashboard Updates



Exelon MHHS Operational Readiness – Summary Position

Core capability provider
Helix

Key messages

- The purpose of this short summary is to update PSG members on Exelon's focus on all scope components for MHHS Operational Readiness
- We have an industry experienced team of change experts dedicated to Business Readiness. Resource will ramp up further as SIT Functional completes
- Transition of enduring BSC code design and governance to Exelon is a key topic. We expect to engage with the PSG specifically on this at a future meeting
- DIP operational readiness will be a separate update, but note that Exelon includes DIP readiness within its Code and Data Governance thinking, and within Service Design
- We expect to return to PSG in July with a validated delivery timeline that will allow Participants to understand key timings and the flow of activity leading up to and beyond M10

Business Change

Component	Description	Summary Position
BSC Code Change Facilitation	Transition MHHS responsibility for the design and governance of BSC code to Exelon at M10	<ul style="list-style-type: none"> • MHHS Design and Code artefacts will transition to Exelon responsibility from M10 • A set of MHHS guiding principles have been drafted linked to future BSC code governance • A proposed BSC change governance flow (inc. DIP) has been drafted and is in internal Exelon review • Once complete this will be shared with wider industry participants to seek alignment
DIP Management	DIP Transition primarily managed by MHHS and Avanade. Refer to separate update	<ul style="list-style-type: none"> • SCR Modification progressing with Ofgem with DIP team actively responding to queries on the DIP Code • Attending MHHS DIP and Avanade sessions to build knowledge of DIP technical operations and terminology • HR agree with the timetable for advertising new DIP positions which were approved in the business plan • Construction of working instructions/artefacts (governance, change process, and processes) progressing against plan
Business Change	Complete impact analysis to understand the scope of MHHS operational change for Exelon. Use to design new roles, processes, controls and reporting for M10	<ul style="list-style-type: none"> • An industry experienced core team of change experts is now focused on MHHS operational change • An impact analysis exercise has been completed across operational areas to scope the change MHHS brings • Focus now moves to the definition and implementation of 'to be' processes via iterative sets of workshops • These will feed into work instructions, reporting needs, and definition of focused training ahead of M10 • Capacity of Operational SMEs is an ongoing challenge. We work with the Exelon SLT to mitigate via backfill and/or prioritisation
Operations Readiness	Engage across operational functions (and Helix) to understand readiness and 'go' criteria. Build checklists and track to M10. Define Exelon focused Hypercare	<ul style="list-style-type: none"> • Our dedicated Readiness Lead works across Operational areas to define checklists that will be tracked through to M10 • This role will also take responsibility for definition of Exelon Hypercare. We will communicate wider once a draft is defined
M10 Cutover	Engage across programme streams to build a detailed lead-in and cutover 'run-book' to cover technical cutover at M10, complete with integrated operational readiness checks	<ul style="list-style-type: none"> • An experienced project manager and analyst are engaged with MHHS Transition on Cutover and ELS activities • Current focus is on consolidating technical steps that migrate all new MHHS products through to Production environments • Later we will integrate operational checks (e.g. verification, first occurrence) and iteratively test leading in to M10

Exelon MHHS Operational Readiness – Summary Position

Core capability provider
Helix

Service Transition

Component	Description	Summary Position
Service Design	Take the MHHS service strategy and create an aligned MHHS service definition and design across Exelon service partners, Industry CCPs and DIP	<ul style="list-style-type: none"> • Service Strategy published by MHHS Transition in Feb 24 • Service Definition (high level) is being agreed across Industry service providers. It will then be published to participants • Engaged with multiple partners and Industry service providers to confirm low-level service design (LLSD) • Working with Avanade and DIP Management to align service provision as per service strategy and contract
Platform Implementation	Implement ServiceNow modules to manage Exelon MHHS service provision. Closely follow a 'vanilla' design and configuration principle	<ul style="list-style-type: none"> • Exelon intends to move to a new ITSM platform (ServiceNow) to manage MHHS service • An expert partner is engaged and working to a delivery plan aligned to the SIT Operational window • Design sessions, based on an 'out of the box – configuration only' approach are in progress • Known that the short delivery timeline comes with risk. Mitigation options are available as a backstop
Service Readiness	Ensure Exelon service policies, processes and model are revised, communicated, trained and tested to reflect MHHS	<ul style="list-style-type: none"> • A service model to support MHHS have been agreed internally. Now under discussion with CCPs • We will undertake thorough internal tests of platform and processes. Scenarios made available to SIT Operational • ServiceNow training will be provided by the partner. Operational Dashboards will be produced. Hypercare is included

Operational Tests

Component	Description	Summary Position
SIT Operational	Participate in MHHS defined SIT testing based on industry approved approach and scenarios	<ul style="list-style-type: none"> • Engaged with MHHSP on the definition of SIT approach and test scenarios. Await confirmed scope • Working with MHHSP to give assurance on ServiceNow design for PIT, then SIT (in lieu of platform delivery) • Service Activation is a focus area (to release MPAN migration) and multiple scenarios will be assured via SIT
E2E Settlements	Complete internal E2E scenarios to assure HH + NHH dual operation through transition. Ensure correct flows and controls between new and legacy systems	<ul style="list-style-type: none"> • Thorough and complex E2E Settlements focused scenario tests will be completed from early Nov • An expert core team is ring-fenced and currently working on test themes, scenarios and execution planning • This will assure HH and NHH 'dual run' functionality at different stages in the MPAN migration process (M10 to M16) • It will also assure MHHS operation across the complete Exelon systems landscape
Operational Process	Use a 'model office' approach to test and train MHHS processes, handoffs and controls. Include a focus on 'unhappy path' scenarios	<ul style="list-style-type: none"> • Exelon will complete MHHS role and process focused testing to enhance operational readiness • 'Black Hat' test scenarios will also be workshopped with business areas to mitigate risk to MHHS operations • MHHS (immersion) training, as well as dedicated process training, will also be designed and delivered ahead of M10

MHHS - Monthly Delivery Report (Helix)

Report Date: 21-5-24

Core capability provider
Helix

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"> Development plan on track but running until end of September. Released ISD Data fixes for majority of issues encountered in SIT Cycle 1. Began final preparation for SIT Functional Cycle 2. <p>Business Readiness</p> <ul style="list-style-type: none"> Service Design Document progressed and reviewed with key parties. ServiceNow supplier engaged and contracted, delivery plan in place for implementation in line with Operational testing. <p>Assurance & Qualification</p> <ul style="list-style-type: none"> Continuing engagement with RECCo and DCC to align overall service design. Pre-Qualification submissions received from 82 Supplier and Agent groups. 	<p>Progress expected in the coming month:</p> <p>Helix Solution</p> <ul style="list-style-type: none"> Complete PIT testing, data and environment provisioning to support SIT Cycle 2 readiness. Commence SIT Cycle 2 support on 10th June and support MHHS Programme with Helix defect resolution. <p>Business Readiness</p> <ul style="list-style-type: none"> Confirm MHHS Governance, DIP Transition and core service implementation plans. Prepare and ratify the business operating model and organisation chart for M10. Complete Service Definition Document (SDD). <p>Assurance & Qualification</p> <ul style="list-style-type: none"> Further detailed planning of Qualification wave allocations. Continue development sprints of the Qualification Testing Framework (QTF).
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Party Milestones & Deliverables	Plan Date	RAG
QT functional test scenarios approval	23/05/24	Green
SIT Cycle 2 PIT Readiness	26/05/24	Yellow
SIT functional phase1 ends	28/05/24	Yellow
Complete Business Change Impact Assessment	31/05/24	Green
Target second code release for SIT to cover SIT phase 2 requirements	31/05/24	Green
Qualification Approach & Plan Approval	31/05/24	Green
Publish Service Definition Document	10/06/24	Green
SIT Cycle 2 Commences	10/06/24	Yellow
Confirmation of participant Qualification Wave allocation	28/06/24	Yellow

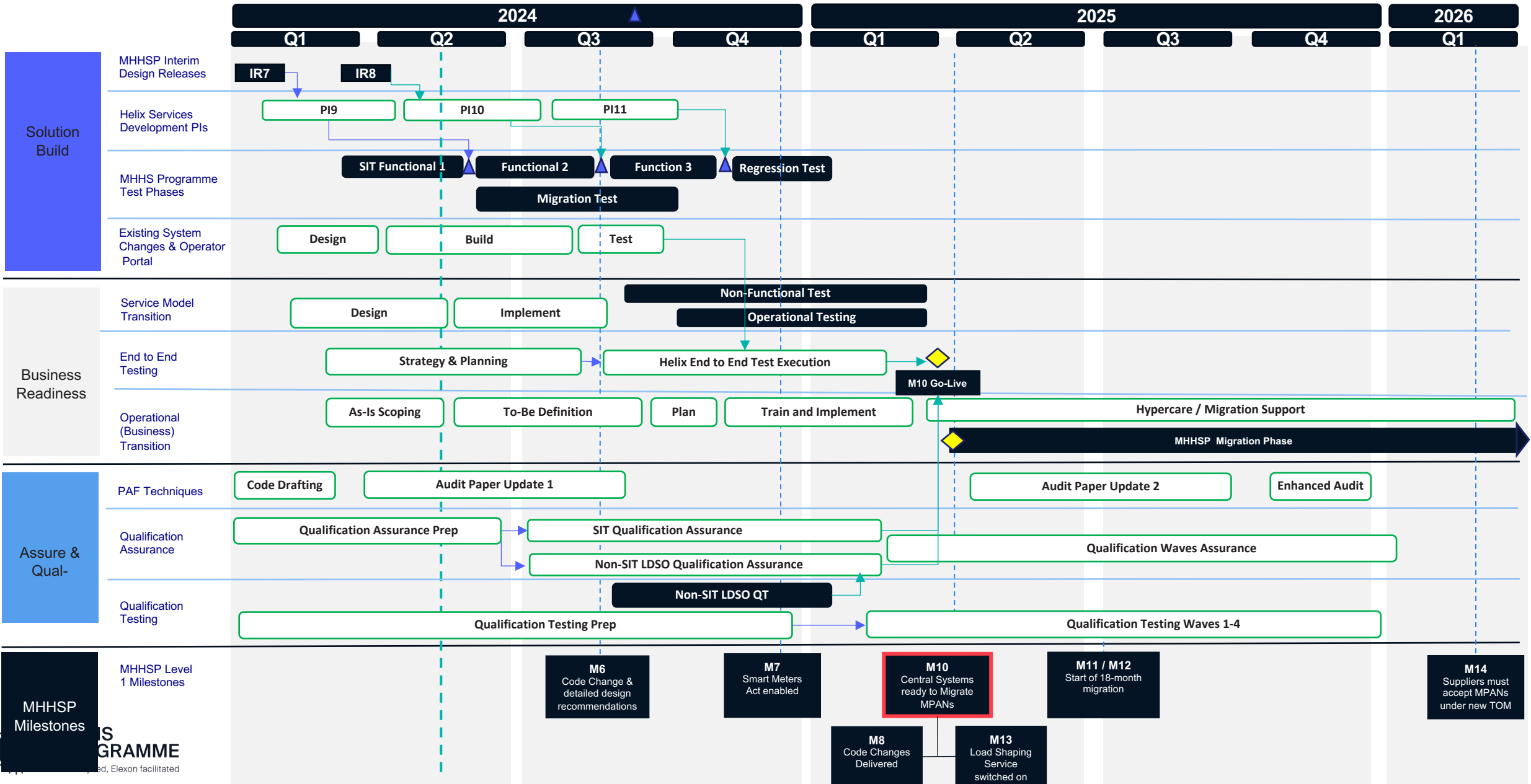
RAID and RAG	Type	Mitigating or resolving action required	Next Update
If further changes impact on the scope of Helix, they may impact on SIT progress and will drive further cost into the programme. Update: We are continuing to see changes from MHHSP to Helix/participants.	Risk	Helix has a materially complete code base with due consideration given to avoidance of refactoring of this code base within future change requests. Reduced the severity of this risk due to the change freeze being introduced by MHHSP. The change freeze is not effectively slowing down the pace of change from MHHSP and trending upwards. This remains a concern. Update: Mitigations are ongoing, the Helix team are currently assessing the impact of release 8.1 which contains further design changes.	Ongoing
Elexon will implement ServiceNow as it's core ITSM tool ahead of M10. There is a risk that if delivery targets slip this will impact business readiness for operational testing.	Risk	Elexon now have a committed plan with a supporting delivery partner SoW for completion of all elements of SNOW by Q4, 2024. We are progressing to required milestones with service definition refinement. End to end delivery plan has been prepared.	30/06/24
Rephasing of SIT to place Theme 8 settlement later in the plan increases the risk of overall date slippage by increasing the strain of later phases.	Risk	In the event of slippage to SIT, Helix will have to perform additional development to absorb additional costs. Any slippage to SIT dates would impact on the Assurance and Qualification workstream. MHHSP decision to switch from SIT-A to SIT-B is adding further resource contention and pressure to timelines.	30/06/24
If the transition plans for MHHS Governance and transition of the DIP don't advance urgently, there is a risk this will impact the readiness for M10.	Risk	A proposed overarching operating model for MHHS Governance has been prepared by Elexon and MHHS SME's. This will be published to all affected parties to gain collective agreement and assurance. A delivery plan to implement the model has been prepared by the Helix team. A series of initiatives are in train in support of DIP Transition and are contained in Helix's PSG presentation.	30/06/24
There is a risk that DIP onboarding, Qualification, and Migration do not proceed to plan without additional management support to drive the queuing and progress of all Non-SIT participants.	Risk	Helix and MHHSP team are working together to develop shared plans to manage this phase of work. The Helix team are currently onboarding additional resource to support DIP Onboarding and Migration planning. Helix have also hired operational reporting resources.	30/06/24

Helix Delivery POAP

Report Date: 21-5-24

HELIX

Core capability provider
Helix



MHHSP Milestones

PROGRAMME

led, Elexon facilitated

Overarching Costs for MHHS Central Parties FY 24/25

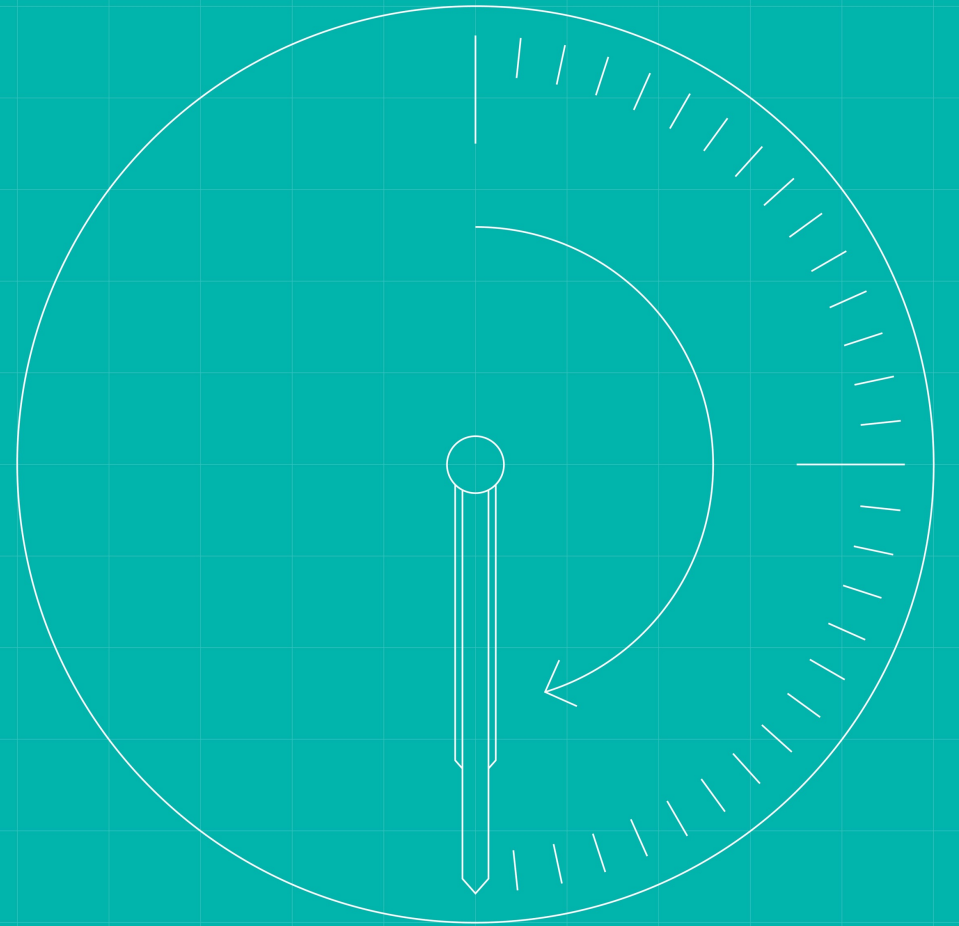
Financial Measure	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	Jan-25	Feb-25	Mar-25	Totals (£m)*
	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m	
MHHS Budget	1.61	1.63	1.61	1.64	1.62	1.64	1.71	1.57	1.51	1.54	1.50	5.98**	23.58
MHHS Actual/Forecast	1.61	1.63	1.61	1.64	1.62	1.64	1.71	1.57	1.51	1.54	1.50	5.98	23.58
DCC Budget	3.77			3.51			2.51			0.92			10.71
DCC Act/Forecast†													
Helix Budget	3.3	3.3	3.3	3.3	3.3	3.3	1.9	1.9	1.9	1.9	1.9	1.9	31.2
Helix Act/Forecast	2.9	3.3	3.3	3.3	3.3	3.3	1.9	1.9	1.9	1.9	1.9	1.9	30.8
RECCo Budget‡													
RECCo Act/Forecast													
Total Budget	5.46	4.22	4.20	5.40	4.21	4.23	5.14	4.16	4.10	4.44	4.09	8.57	58.31
Total Act/Forecast													

Please note:

- *Totals: Are as provided by central parties – please note rounding of individual months may result in the sum of all months differing from the total provided by central parties
- **MHHS: Includes contingency
- †Note from DCC: Figures amended from previous month to only reference costs incurred in this financial year
- ‡RECCo: Includes only 3rd party costs (does not include internal resources)

Central Party Finances – Colour Key
Actuals data
Blank = not provided

DIP Dashboard Updates



RAGs	Overall	Approach	Plan	Resources	Budget	Risk	Stakeholders	Suppliers
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Status & Outlook	<p>Progress last month:</p> <ul style="list-style-type: none"> Continued Defect triage and remediation support for SIT Functional Test Cycle 1 IR7 PIT Test Execution – Started on 29.04.24 and is on track for completion ahead of SIT Functional Cycle 2 SIT Support & Change Backlog <ul style="list-style-type: none"> Further releases into SIT to provide fixes for SIT defects (No release since 7th May as no open DIP defects) Continuing to make progress on baseline Performance Testing SITB handover completed, additional guidance provided for SITB certificates setup and via service desk CR027/19 - DUoS E-Billing DIP Message for MHHS development completed CR023 - Secondary Routing completed Analysis of Swagger 1.7.3 updates and testing requirements SonarQube Integration (Portal) for code quality in progress Development of CR029 – Opt in, Opt Out components/End Points 	<p>Progress expected in the coming month:</p> <ul style="list-style-type: none"> Overall (SIT): continue to support, monitor progress of testing for Functional SIT Cycle 2 Uplift of SIT environment for Functional SIT Cycle 2 Update and share PIT Test Completion Report (DIP- D37) and PIT Defect Work off Plan (DIP-D39) against IR7 scope of work SIT Support & Change Backlog <ul style="list-style-type: none"> Releases into SIT (weekly/per need) to address open defects from SIT Continue to work on bug triage and fixing for SIT support, as needed Continue Baseline Performance testing with Layered Approach Strategic Circuit Breaker Implementation, development and testing Investigate Automated Benchmark Tests for DIP APIs API Versioning for BFF Creating new DIP IDs / DIP Roles using ISD data Remove Dependency on DIP Models from Ingress & Addressing Analyse and Plan for IR8 scope work items
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Party Milestones & Deliverables	Original Date	Forecast date & RAG
DIP 4c (IR7) – Final build	24/05/24	Complete
Functional SIT - Cycle 2	10/06/24	10/06/24
DIP 5 – Migration / Transition	20/09/24	21/02/25
DIP 6 – Hypercare	20/09/24	21/03/25

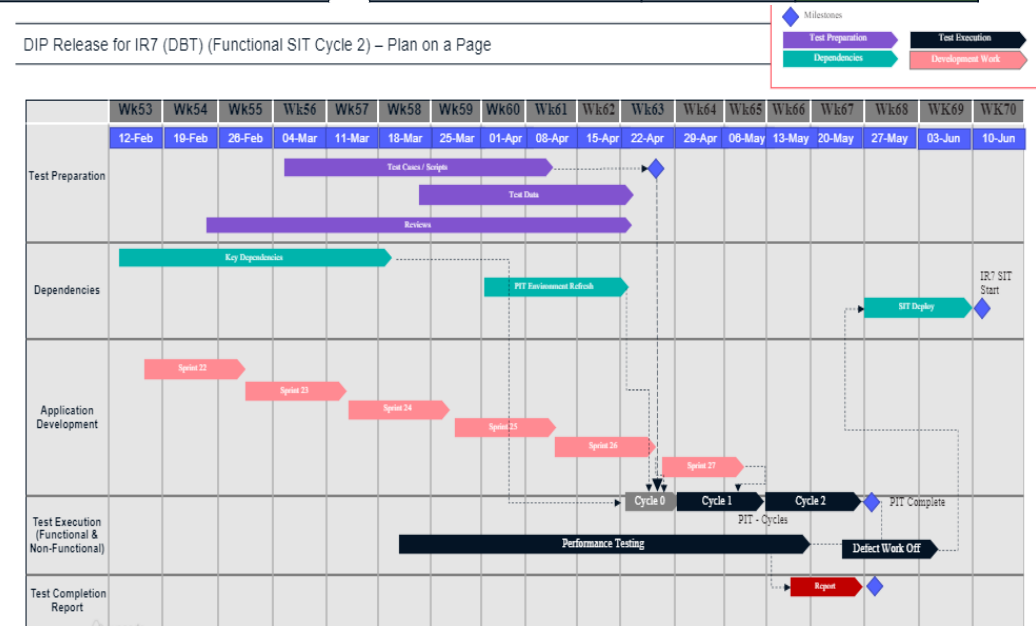
Decisions required	From whom?	By when?
None	n/a	n/a

Risk or Issue & RAG	Mitigating or resolving action required	Date for action to be resolved	Action owner
Volumetrics – Intra-day Profiling – Additional solution cost	DIP SP aware of multiple changes/requests re volumetrics SRO provided view of intra-day profiles Impact Assessment by DIP SP will follow baseline performance testing	14/06/2024	Smitha Pichrikat (Paul Daniels)
Non-Functional Testing - Invalid or Unstated Assumptions & Dependencies	Clear definition of requirements of DIP SP to support programme non-functional testing. Impact assessment by DIP SP	21/06/2024	Smitha Pichrikat (Paul Daniels)

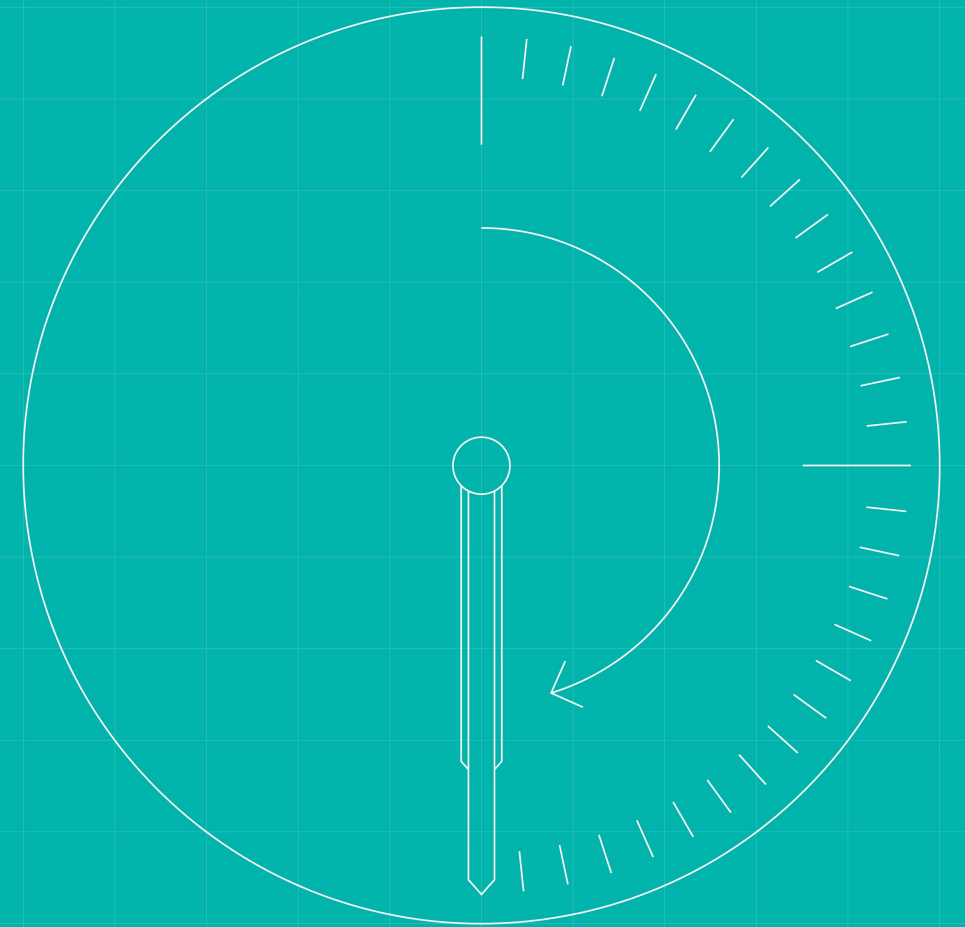
Assumption & RAG	Action required to remove assumption	Date for action to be resolved	Action Owner
Data Load Required for Functional SIT – Cycle 2	Discussion held with SI Data Team 16.05.24 and Data Load requirements confirmed	31/05/2024	Smitha Pichrikat (Paul Daniels)

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

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



RECCo Dashboard Updates



RAGs	Overall	Approach	Plan	Resources	Budget	Risk	Stakeholders	Suppliers
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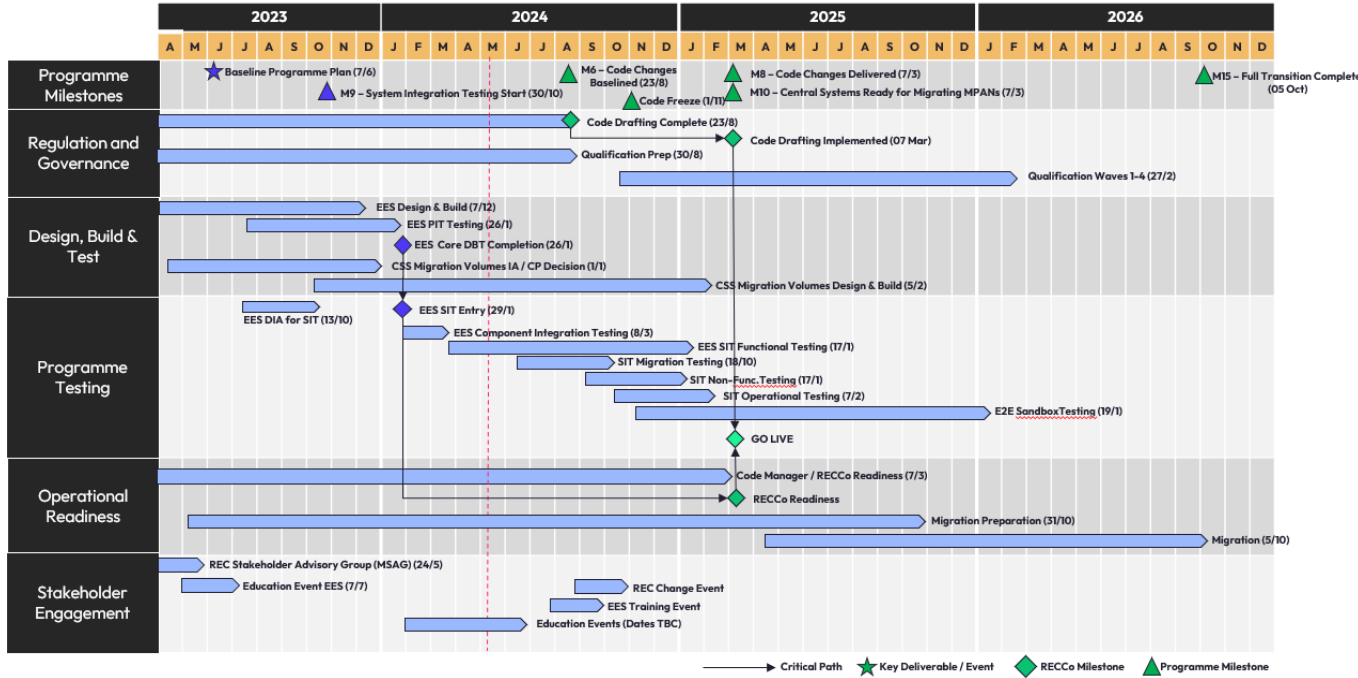
Status & Outlook	Progress last month:	Progress expected in the coming month:
	<ul style="list-style-type: none"> EES continuing through SIT Functional, with Cycle 1 completing. EES preparation for SIT Migration, SIT Functional Cycle 2 and SIT Functional Settlement mostly complete. Mop-Up 2 Tranche endorsed by May CDWG and approved by May CCAG on 22 May Review Non-SIT Supplier and Agent PQS submissions (due 26 Apr) and published early indication on profile of Qualification Wave requests at May QWG. QADv1.1 (Non-Functional update and guidance) published for consultation on 7 May, ahead of QAD walkthrough planned for 29 May. Updates to QA&P Annex 2 (non-SIT Supplier and Agent Qualification Testing Plan) approved at QAG and sent to May PAB for approval. 	<ul style="list-style-type: none"> EES to complete SIT-B, set up actions and smoke testing. EES to enter SIT Functional Cycle 2, SIT Migration and SIT Functional Settlement. Publish M6 code drafting consultation for 24 June. Engage with Programme on alignment risk between DES138 (used for Code Drafting) and Swaggar and dependency on IR8.1. Fortnightly planning sessions continue with Ofgem and Programme to agree SCR approach for M7 and M8. Publish QA&P v3 and Annex 2v2 consultation (non-functional update). Approval likely to shift from end July to end Aug given current uncertainty on SIT Non-Functional A&P. Continue to follow up with non-SIT Suppliers and Agents on PQS submissions (inc. those that have not submitted). Qualification Wave allocation provided to non-SIT S&A end June.

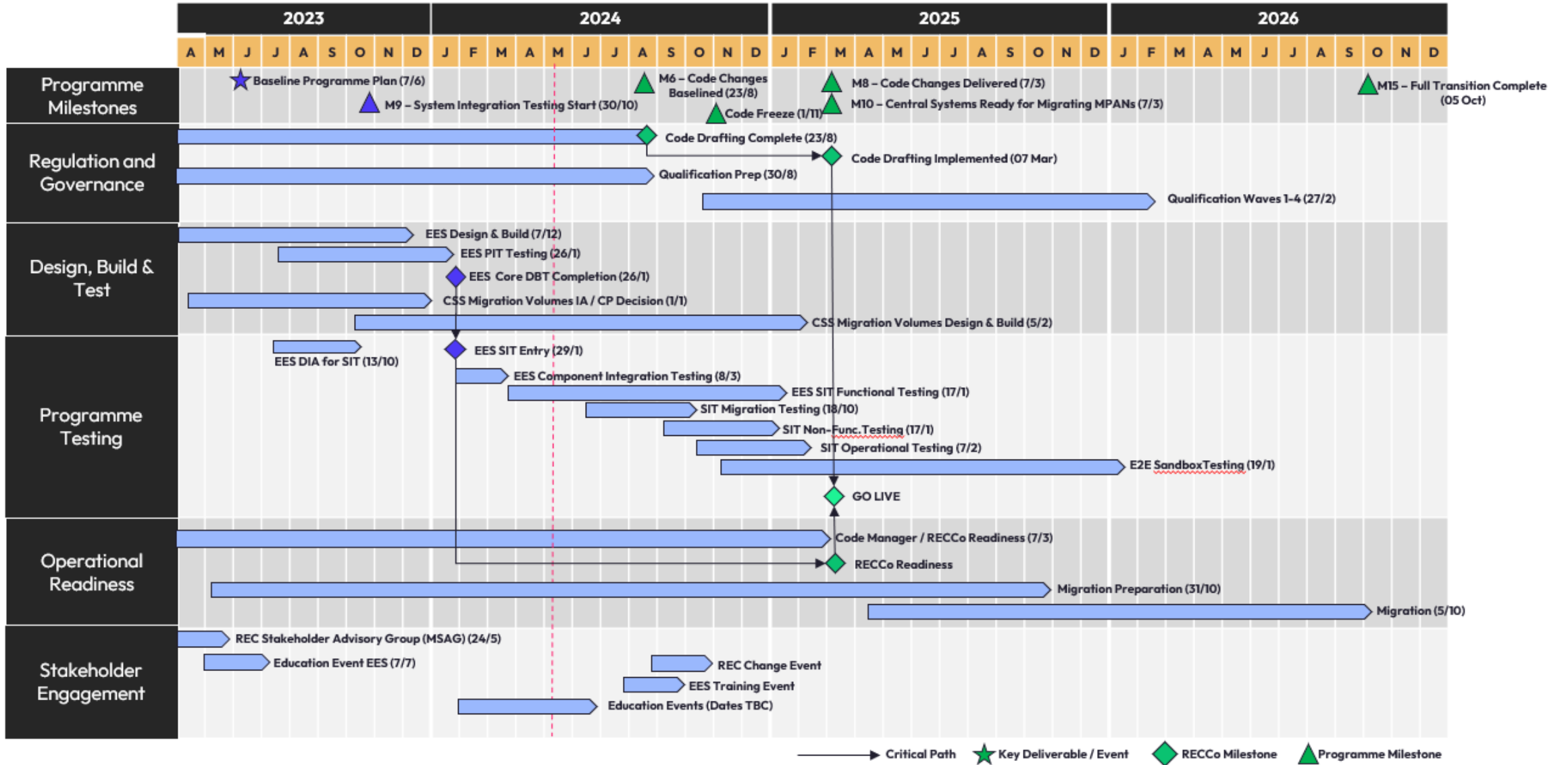
Party Milestones & Deliverables	Original or Baseline Date	Forecast date & RAG
Qualification Approach & Plan v3 Issued	28/06/2024	31/07/2024
MEM/Supplier/DNO Assessment Criteria Updated	28/06/2024	28/06/2024
Code Drafting Complete	23/08/2024	23/08/2024
Qualification Assessment Document v2 Issued	30/08/2024	30/08/2024

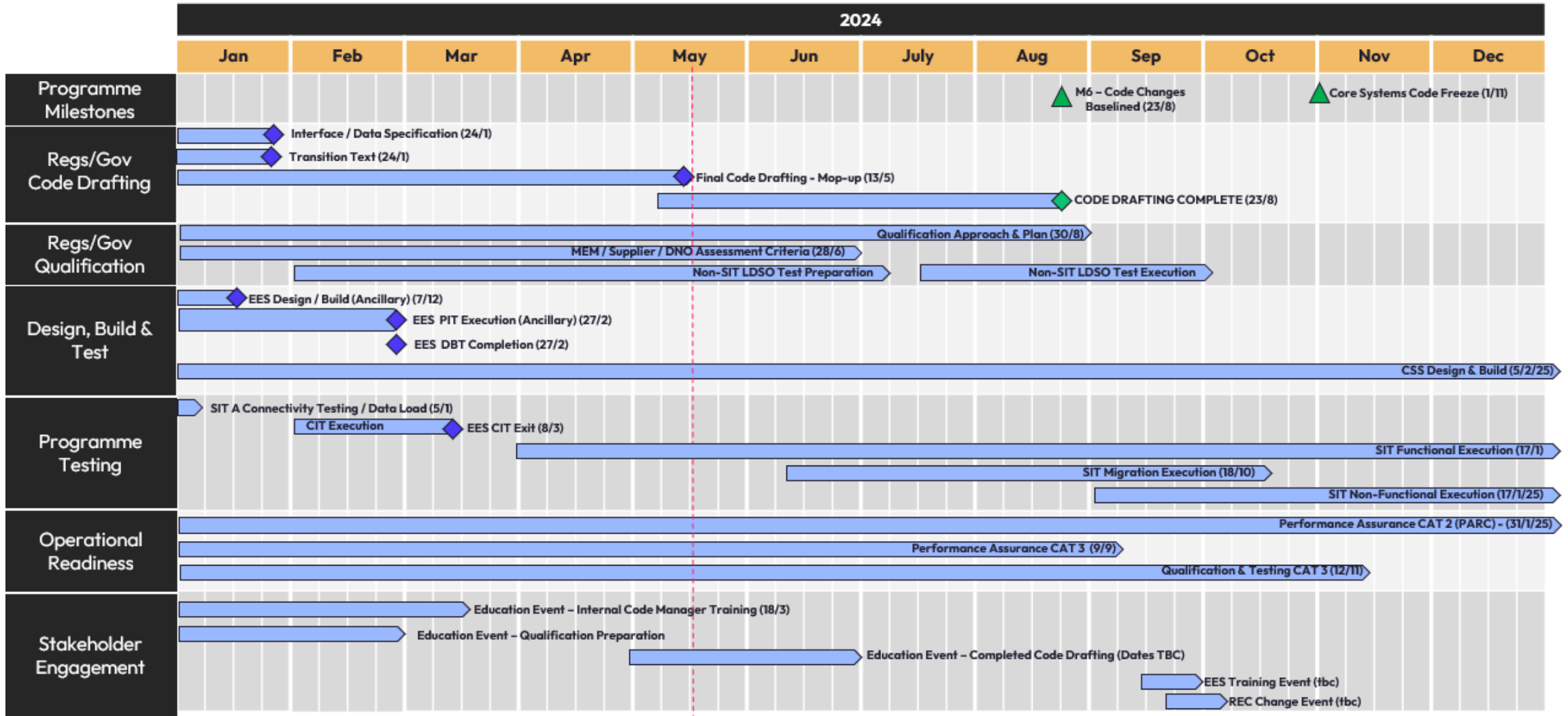
Decisions required	From whom?	By when?
None		

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. Consideration of war game/run through separate to SIT to ensure operational readiness.	19/07/2024 (SIT Operational Test Scenarios approved)	Jonny Moore
Swaggar 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.	Assurance requested from Programme that Swaggar and DES138 aligned, and any discrepancies recorded so that can be assessed for materiality with required changed made in IR8.1.	12/06/24 (linked to IR8.1 release)	Andrew Wallace

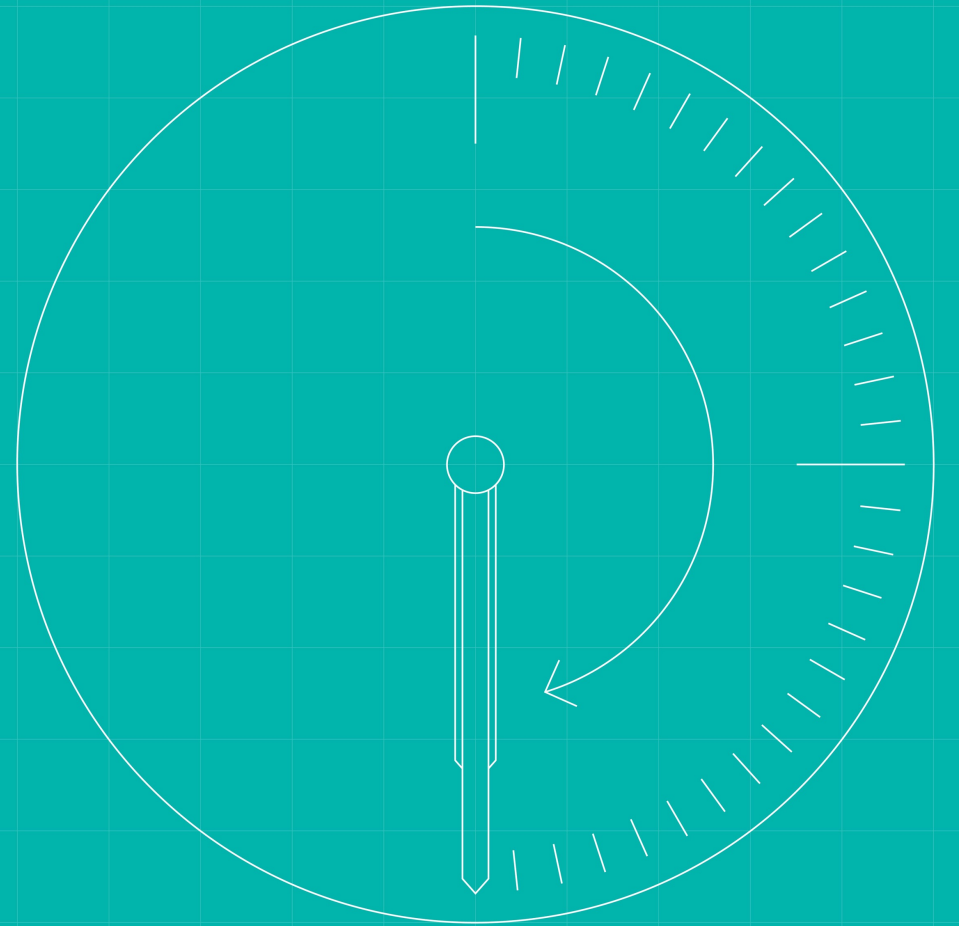
Dependency & RAG	Managing action required	Date for action to be resolved	Action Owner
Programme SIT Artefacts for provision of equivalent Qualification documents and confirming if Code Bodies need to undertake any additional qualification activity for SIT parties.	RECCo and Elexon continue to request early sight of changes to deliverables where there is a Qualification dependency.	Ongoing	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.	19/07/2024 (SIT Operational Test Scenarios approved)	Jonny Moore







DCC Dashboard Updates



No escalations or asks of PSG today

Updates	Key Risk
<p>The MDR functionality & associated changes will be implemented into Production via the June SEC Release.</p> <p>The functionality will be live but not in an active state until MHHS service goes live in April 2025</p>	<p>There is a risk to the CSS performance if daily migration volumes exceed the 300k peak-of-peaks, for which there is no system-based control to prevent</p> <p>DCC are working to mitigate this risk via Bilaterals with the Migration Delivery team, with input from DCC Regulatory & Legal teams.</p> <p>In addition Performance Testing will be delivered via Service Providers in conjunction with Switching Capacity Uplift</p>
<p>DCC have delivered an additional 4k MPAN’s for test purposes as requested by the MHHS Programme. These will be used in Migration testing, and to provide contingency for additional testing requirements</p>	
<p>DCC supported the Data Cleanse activity in July & August, providing MPANs & associated ESME ID’s by 5th July (Dry-Run), and 16th August (Production Data Load)</p>	
<p>DCC continue to support the SIT Functional Testing through the monitoring of test cases through CSS & DSP, and the corresponding uploading of evidence to ADO for cases relating to MDR.</p>	
<p>The Cycle 2 SIT Migration & Settlement testing preparation remains on track – provision of test meters for consumption-level test cases.</p> <p>As discussed at FTIG on 24/05 DCC will liaise with the Programme to consume any relevant test scheduling information which may impact DCC test resourcing.</p>	

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

Progress last month:

REC

- R0044 Systems Integrated testing completed
- R0093 (Legal text now deployed) – Capacity uplift/Performance requirements being finalized.
- REC CSS Capacity initial costs shared with RECCo
- SEC - MP162 (MDR Role) User Integrated testing completed Mid March, Elexon SIT functional testing initiated

Capacity

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

New Requirements

- **Second Test Data Extract (4k MPAN's) delivered to MHHS Programme**
- **SIT Functional Testing – No concerns with DCC support for testing. Analysis of test evidence capacity demonstrates capacity for c.25-30 evidenced tests pd. Working with programme on increasing the efficiency of testing through reducing re-tests.**
- **Approach towards mitigation of the Migration Thresholds breach risk under review with Migration Delivery team – this is a high priority Risk for DCC given the potential impact on CSS/Switching. DCC Regulatory/Legal teams inputting to programme. Performance Testing to be scheduled with CSS to quantify risk/support NFT assurance.**

Progress expected in the coming month:

- **REC - Complete R0044 UIT testing**
- **SEC - Complete June 2024 SEC System Release UIT testing**
- **Capacity – Planning near completion to support 2024 delivery of uplift**
- **REC CSS Capacity refined costs to be confirmed with RECCo**
- **Bilateral meetings with Elexon covering Service Design – 2nd Session**
- **Continued SIT FT Support**
- **Completion of Test Meter Set-up to support consumption tests in SIT Cycle 2**

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

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

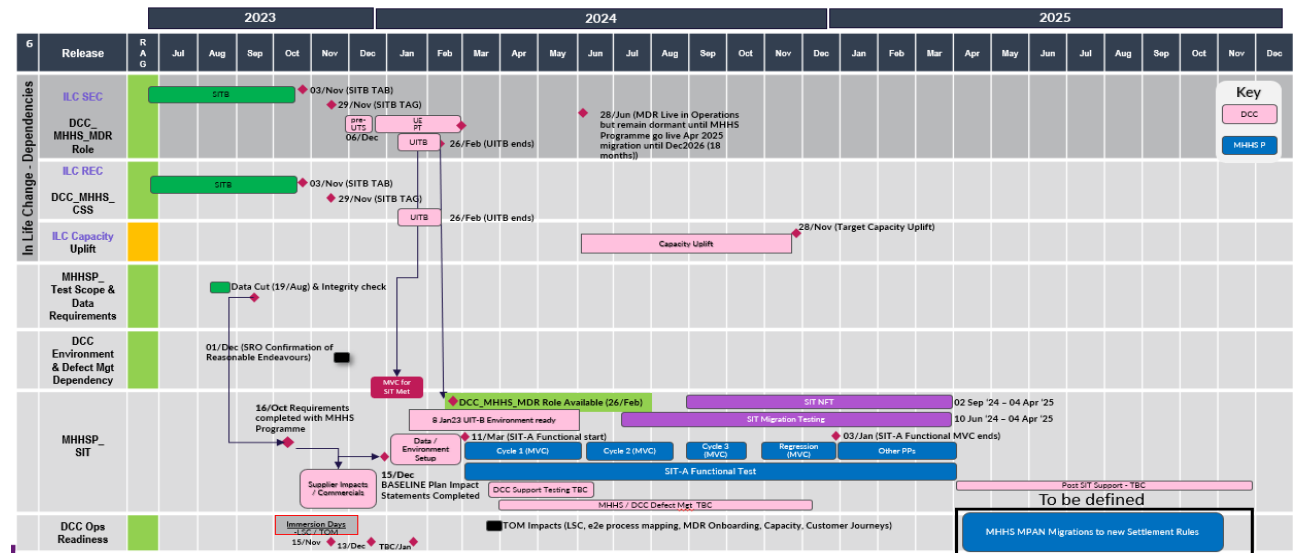
Top Risks and or Issues (See detail on page 2)

Migration Threshold Breach Risk – mitigations required for the operational & system risk to CSS of participants breaching the 300k Peak-of-Peaks.

Mitigation: DCC will work with Elexon Migration Delivery to identify the means to mitigate the likelihood of this occurring, and the actions to be taken in the event of an occurrence. DCC Legal & Regulations feeding into review of available controls under existing regulations.

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

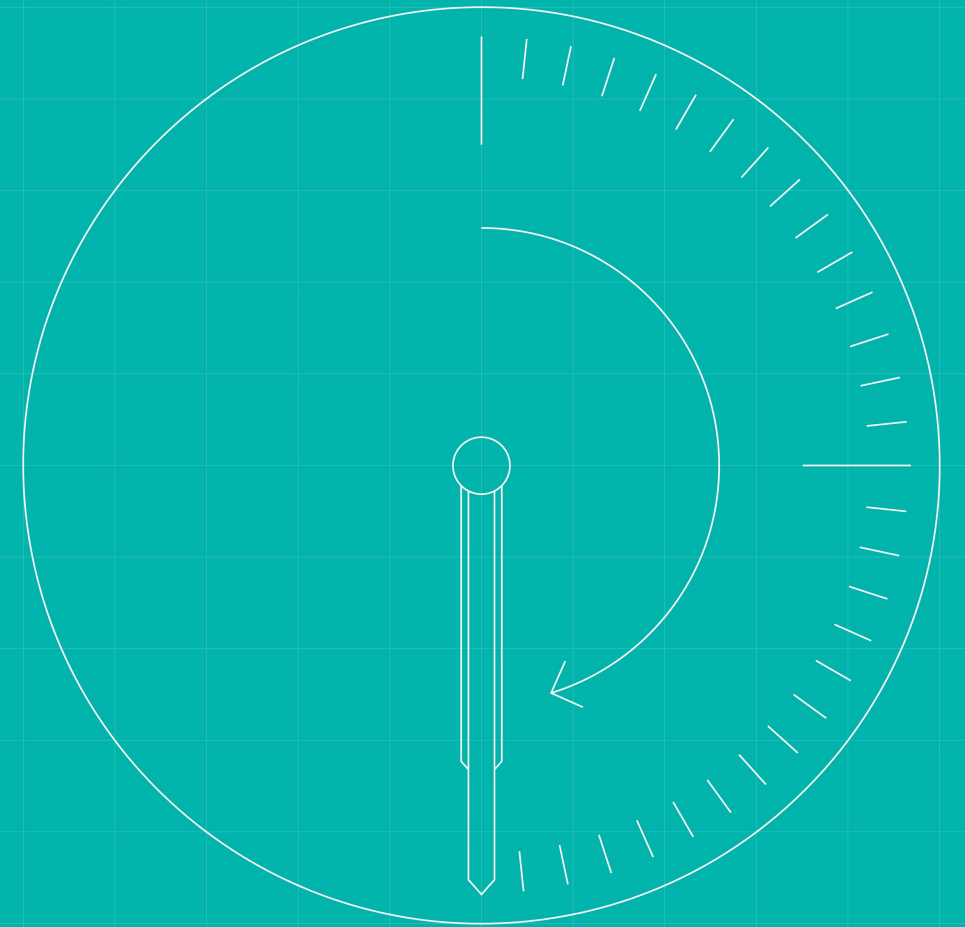


RAID & RAG (DCC)

Core capability provider
DCC

Ref.	Risk	Calculated Risk	Mitigation / Update	Owner	Area
1	Risk to CSS performance if daily migration volumes exceed the 300k peak-of-peaks, for which there is no system-based control to prevent	High	DCC will work with Elexon Migration Delivery to identify the means to mitigate the likelihood of this occurring, and the actions to be taken in the event of an occurrence. DCC Legal & Regulations feeding into review of available controls under existing regulations.	DCC/MHHS Programme	Migrations / Capacity
2	The current peak-of-peak migration thresholds defined in the Migration Thresholds document assume a peak-of-peak of 300K CoAs per day above “business as usual” (BAU) volumes. BAU volumes today may not reflect BAU volumes between April 2025 and October 2026 as we can anticipate MHHS to stimulate higher levels of switching as Suppliers offer new MHHS products and services.	Medium	CSS and DSP should be sized for a peak-of-peak CoA volume of 300K plus 291K (the original CSS peak-of-peak volume) to allow for growth in switching rates.	DCC	Migrations / Capacity
3	The changes required in CSS and/or DSP to achieve a peak-of-peak CoA volume of 591K may not be cost effective and/or technically feasible.	Medium	Include performance testing within the PRs raised with CGI and Landmark & Netcompany to confirm compliance with these volumes and make DCC commitment to associated SLAs contingent on successful completion of this testing.	DCC	Migrations / Capacity
4	Any changes which materially impact the Capacity Assumptions that form the basis of DCC’s MHHS Capacity increases may not be able to be met, due to the time required to deliver capacity increases	Medium	A formal letter has been drafted & will be sent to Ofgem in May detailing the assumptions on which DCC has built the capacity which will be available at MHHS implementation.	DCC/MHHS Programme	Capacity
5	To date, a limited number of tests have been progressed in SIT which require DCC evidence. If this testing is conducted in a concentrated period, there is a risk that DCC cannot support at the volume required, as resources were necessarily estimated on a consistent basis across the testing period	Medium	Engagement via SITAG/FTIG & Bilaterals. Analysis, based on limited testing to date, shows that DCC could manage c.25-30 tests per day requiring evidence production – still allowing for resolution of queries/issues etc. This number could vary with test requiring greater evidence. DCC have proposed a limit on the number of re-tests (which have passed DCC stages) being re-evidenced, which will further mitigate risk.	DCC/MHHS Programme	Test Support

ElectraLink Dashboard Updates



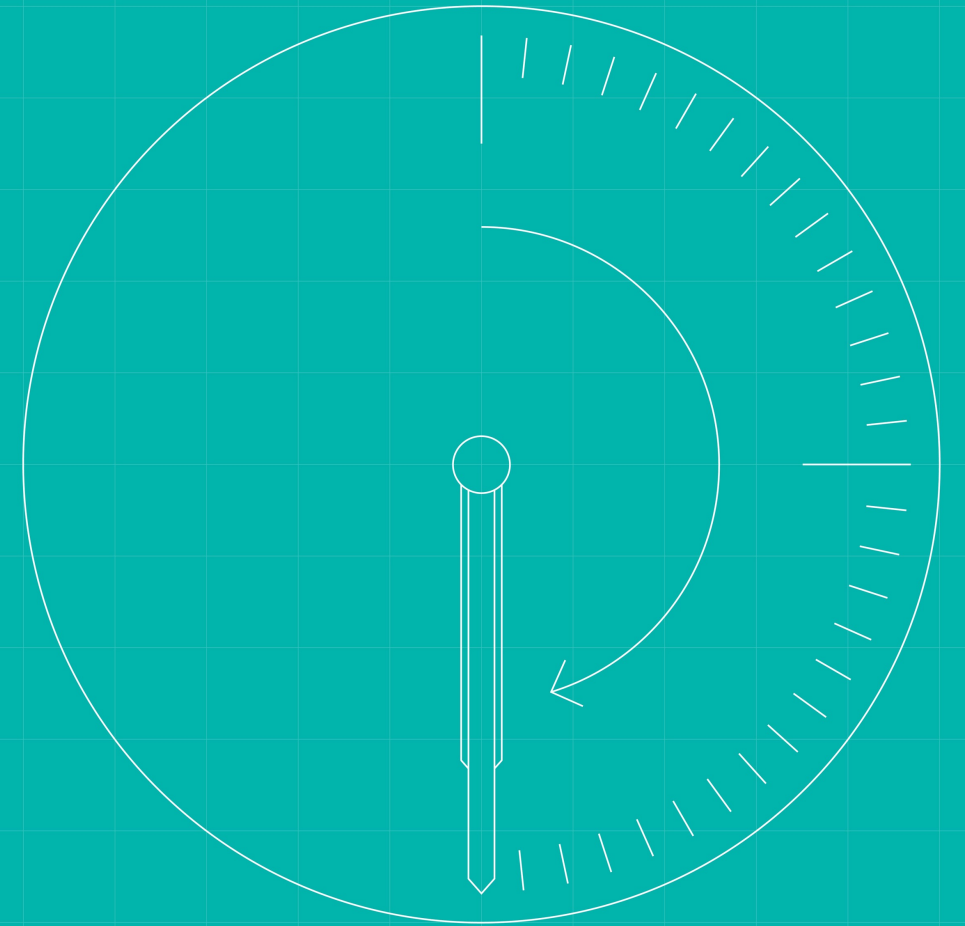
RAGs	Overall	Approach	Plan	Resources	Budget	Risk	Stakeholders	Suppliers
Status Update	<p>ElectraLink updates for May PSG:</p> <ul style="list-style-type: none"> A further testing release to the DTC was released on the 13th of May. Updates to existing flows and additional new test flows were added to support SIT Functional Cycle 2, 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. 						<p>Milestones and Deliverables:</p> <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

St Clements Dashboard Updates



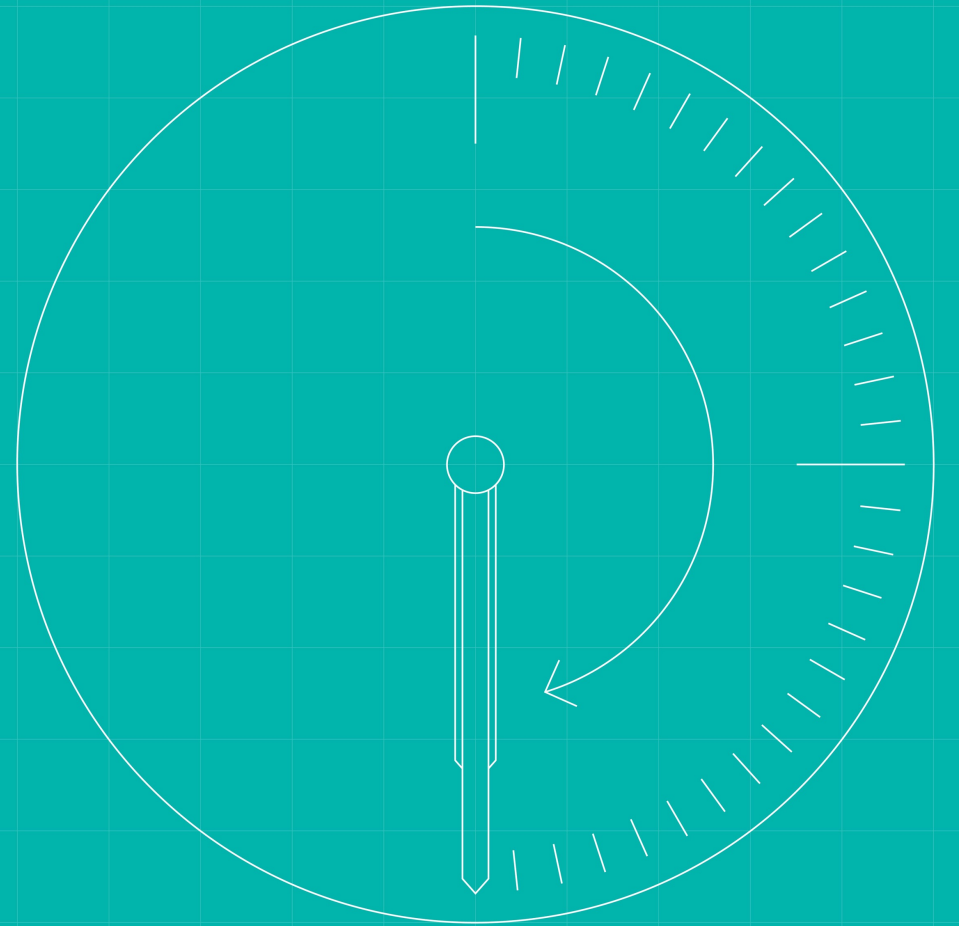
RAGs	Overall	Approach	Plan	Resources	Budget	Risk	Stakeholders	Suppliers
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Status & Outlook	Progress this Month: <ul style="list-style-type: none"> Continued supporting functional SIT Cycle 1 execution Provided environment for SIT-B SOUT UAT testing of sprints 5, 6, 7 and 8 MPRS code Continued development and test of stage 0 data cleanse scripts Submitted Migration SIT Readiness Report Suggested an alternative approach for Migration SIT involving a staggered entry Completed the preparation for Migration PIT and started test execution Data load preparation for FSIT cycle 2, Migration SIT and Settlements SIT 	Progress expected in the coming month: <ul style="list-style-type: none"> Continue supporting functional SIT execution Cycle 1 Load data for Functional SIT cycle 2, Settlements SIT and Migration SIT Commence Functional SIT Cycle 2 test execution Continue UAT testing of sprints 5, 6, 7 and 8 MPRS code Complete Migration PIT test execution to enable Migration SIT to start Continue preparation for Migration SIT Start Migration SIT test execution Complete final preparation of SIT-B environments for SOUT
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Party Milestones & Deliverables	Original or Baseline Date	Forecast date & RAG
MPRS ready for Migration SIT – CoSP	01-06-24	10-06-24
MPRS ready for Migration SIT – CoS	01-06-24	08-07-24
MPRS ready for Migration SIT – Reverse	01-06-24	27-07-24

Risk or Issue & RAG	Mitigating or resolving action required	Target Date	Action owner
STCI11 – ISSUE - The significant overrun of CIT interval 2 testing impacting subsequent test phases	The programme reduced the scope of CIT tests but has not addressed the time lost, '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 are funding an increase in the size of the MPRS test team, quadrupling the size of the test team since the plan was baselined (CR022).	30/05/2024	Programme
STCI14 – ISSUE - The Elexon/Ofgem Reporting requirements are not clarified in time to be developed and tested for M10	Existing industry reporting (to BSC/ Authority) provided by MPRS will need modifying to meet the changes implemented in MHHS. After M10, existing reports will become increasingly invalid and will not reflect the correct state of the electricity market if not modified. Reporting requirements have not been defined in the programme design. This Risk was moved to an Issue 01/05 as it is expected that there is insufficient time to develop before M10.	Q2 2024	Programme
STCR60 – RISK - Complete MPRS migration solution not ready for planned start of migration SIT	The complete MPRS migration solution is unlikely to be available at the start of migration SIT. With a little pragmatism from the programme, the migration SIT start date can still be met with sufficient MPRS migration functionality available. To minimise the impact of this, the programme should focus initial migration SIT tests on change of service provider migration, with both change of supplier and reverse migration coming later in the test cycle. By following this approach programme timelines would not be impacted (entry and exit of migration SIT). Dates for a staggered entry for functionality to enter migration SIT (CoSP, CoS and Reverse migration) have been presented to the programme and accepted.	Q2 2024	SCS
STCR63 – RISK - There is a risk that 9 days is insufficient time to load the augmented data for SIT Functional Cycle 2 and Migration	NEW – Data can only be loaded during the maintenance window. Data quality issues may prevent loading of the data within this window causing delays to start of both Migration SIT and Functional SIT Cycle 2. Update 09/05 - Raised on Programme register for visibility (Programme Risk no R895)	20/05/2024	Programme
RISK - Capacity to support volume of carried over tests from SIT cycle 1 in cycles 2 and 3 may surpass capacity available	NEW – Efficiencies to be sought in the execution and support of Functional SIT. The MPRS team has made several suggestions to reduce testing effort improving throughput that would provide the headroom to allow for an increase in volume of testing. Additionally, support is needed from the programme to reduce enquiries from PPs directed at St Clements, providing further headroom.	10/06/2024	Programme
STCR14 – RISK - BAU issues divert resource from MHHS programme (such as FS changes)	Faster Switching issues diverting resource from MHHS activities to resolving BAU issues. Forced to tolerate and manage. The Programme to recognise that BAU may be higher priority than MHHS	Ongoing	St Clements
STCR59 – RISK - There is a risk that the external change from the Suppliers (BSC - P459 - Allowing different supplier agents to be appointed to import and export MSIDs) which if approved will have a major impact on the MHHS design	The impact would be major rework which cannot be absorbed in the current Programme timescales. Programme have been made aware via horizon scanning, P459 is at assessment stage. No current timescales for when these will be accepted/rejected	30/05/2024	Programme
Assumptions			
MPRS high level plan broadly remains the same following detailed IA	Detailed IAs for later sprints (including migration) to be completed	Through to last sprint	SCS
Scope of MPRS development does not extend	Scope change (eg data cut/data cleanse/CRs) to impact milestones. Consider delaying when functionality is required for testing	Ongoing	Programme
Governance/assurance does not impact MPRS delivery activities	Light touch and targeted approach	Ongoing	Programme

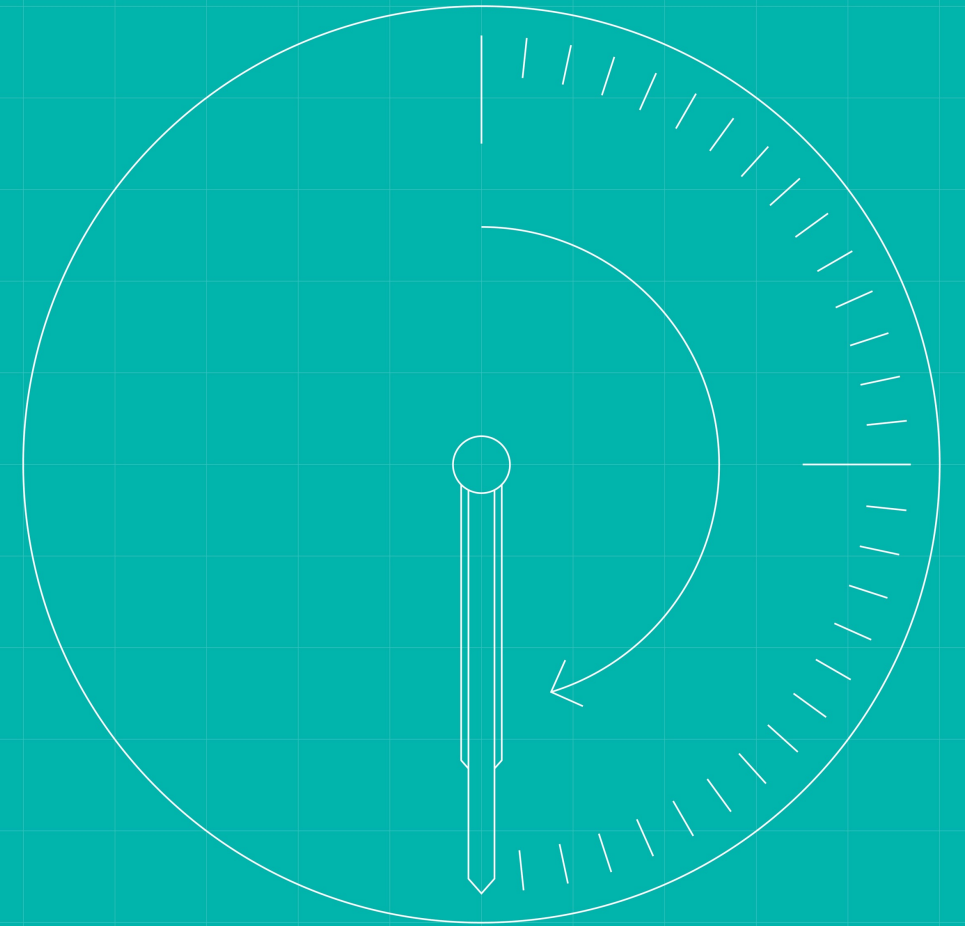
DNO Dashboard Updates



RAGs	Overall	Approach	Plan	Resources	Budget	Risk	Stakeholders	Suppliers					
DNOs Status & Outlook	<p>Progress since last month</p> <p>SIT Participant</p> <ul style="list-style-type: none"> SIT B environments built SIT Migration Test readiness report submitted Measurement class A Connection Types data cleanse completed Liaising with SI re PIT for SIT Non-Functional test requirements <p>Non-SIT</p> <ul style="list-style-type: none"> REGS, LDSO, UMSO & DIP Adapter applications deployment to UAT (integration smoke testing) PIT Test Approach and Plan Functional and Migration submission CR050 Impact assessment; PPIR on CR044 (IF-051 Data refresh). 	<p>Expected key activities next month</p> <p>SIT Participant</p> <ul style="list-style-type: none"> Apply LDSO/UMSO/REG application releases to SIT B environments between FSIT cycles 1 & 2 Commencing SIT Migration Test and Settlements testing Commence build of Volume Load injection tool for PIT, SIT and NFT Start Measurement class C and E connection type data cleanse <p>Non-SIT</p> <ul style="list-style-type: none"> Complete augmented test data load into SIT A and B for SIT Migration and Settlements testing REGS, LDSO, UMSO & DIP Adapter applications deployment to UAT (integration smoke testing) PIT RTTM (Functional and Migration) submission PIT Test Approach and Plan (Non-Functional) submission Agree on the testing & implementation approach of Data refresh IF-051. 	DNO Key Deliverables & Activities		Latest Status		Due Date & RAG		Relevant Programme Milestone(s)				
			DNO System Integration Testing (SIT) Participants										
			SIT B Readiness. Readiness for SIT Settlements Testing		Applications installed in SITB environments Further work required on LOCUS SITB environment		7/6/24		M10				
			PIT for SIT Non-Functional		Requirements remain unclear. Engaged with SI to rectify.		03/06/24		M10				
			SIT FSIT Cycle 2		Cycle 1 due to complete on 24/05/24. Application maintenance releases scheduled.		10/06/24		M10				
			Non-SIT LDSO Qualification Testing										
			PIT RTTM (Functional and Migration) submission		In-Progress		03/06						
			PIT Test Approach and Plan (Non-Functional) submission		Awaiting clarification of Non-Functional requirements from MHHS programme		14/06		T3-QU-0075				
			Submission of Final Functional and Migration PIT test completion report – Programme Milestone submission		In-Progress		30/08		T3-QU-0076				
			Submission of Final Non-Functional and Operational PIT test completion report – Programme Milestone submission		In-Progress		30/09		T3-QU-0076				
Test Data cut/ Test data preparation		In-Progress		20/06		T3-QU-0077							
Escalations	Escalations / Priority Actions					To Whom		Required Resolution Date		Owner			
	<p>Qualification – Non- SIT LDSO – Non- Functional Test full requirements to be defined by program. It is noted that there was a Workshop planned for 24 May.</p> <p>Qualification – Non -SIT LDSO – Tooling to be agreed across all parties for Non- Functional Test</p> <p>Qualification – Timely feedback on Placing Reliance & PIT Plan & Approach plans from program and code bodies</p> <p>Settlements – CR044/CR045 – Outstanding questions on timelines for delivery from program</p> <p>Settlements – Clarity DUOS Settlement Process prior to Migration</p>					MHHS Programme SI Qualification – Jason Brogden Settlements – PSG		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)
	Lack of detailed requirements/expectations/outcomes on PIT for SIT Non-Functional testing.		<p>Mitigation: Liaising with SI. Awaiting Non-Functional Test cases due to be published 16/05/24.</p> <p>Impact: Impedes SSEN's ability to be ready for start of NFT. Prevents SSEN from giving definite answers to other DNO's re Placing Reliance statements.</p>		Programme SI (Iain Smith)	Start NFT T3-QU-0075	FSIT Cycle 1 will complete on time with an acceptable pass rate & commence FSIT Cycle 2.		All Cohorts & Central Parties	P1 fixes being given ass the focus to be executed & passed. Key actions: Cohorts to prioritize P1 defects/test cases.		Programme SI	
	Development of volume data load injection tool for PIT for NFT.		<p>Mitigation: Escalated concerns to Jason Brogden, Iain Smith & Simon Berry. Awaiting response from Cesar Lopez re re-use of Programme FSIT data tooling.</p> <p>Impact: SSEN not ready to undertake PIT for SIT NFT in July. Other DNO's might need to develop their own tools to volume test within their own environments.</p>		Programme SI (Richard Puddephatt/ Cesar Lopez)	Start PIT for NFT	SIT completion occurs on schedule		Non-SIT LDSO PIT / Non-SIT LDSO Qualification	Non-SIT LDSO PIT relies upon having stable release versions of MPRS, Durabill and DIP adapter applications which have completed SIT. SIT testing is beyond the scope/control of Non-SIT LDOS parties.		Non-SIT LDSO; St Clements; C&C Group	T3-QU-0076

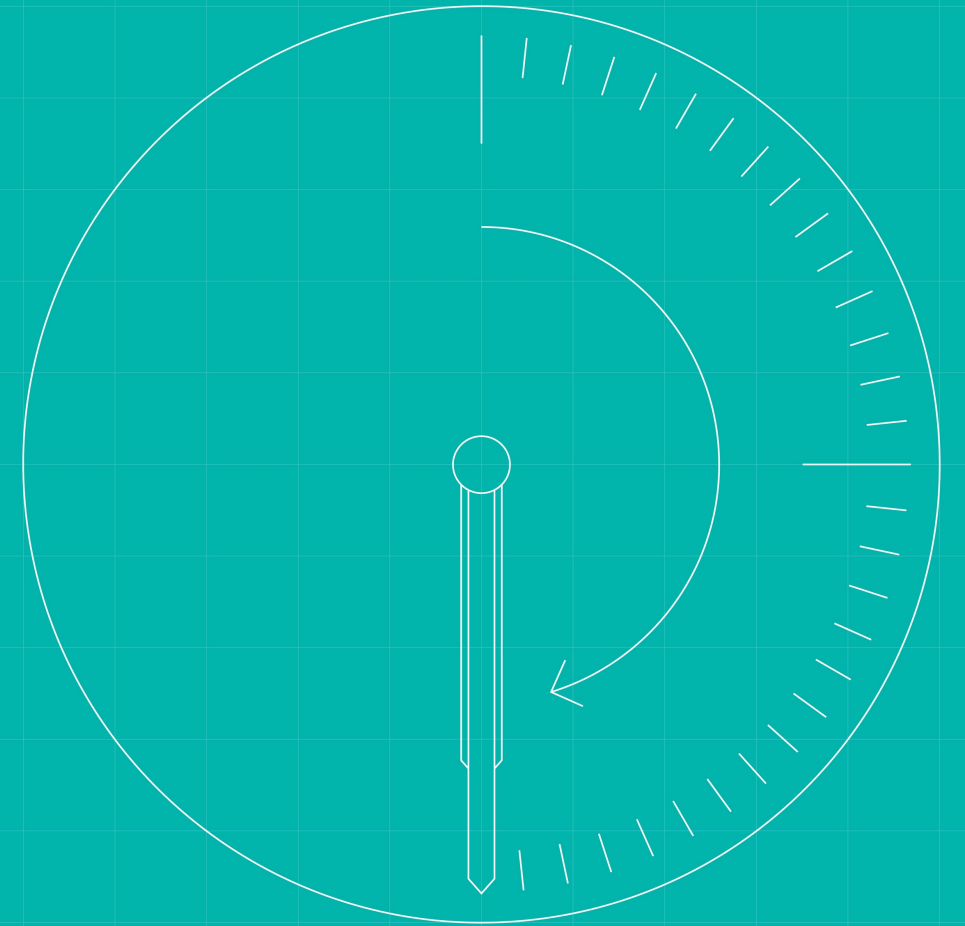
Risks, Issues & Dependencies	Key Risks & Issues	Mitigation, Impacts & Latest Actions	Owner	Relevant Programme Milestone(s)	Key Dependencies & Assumptions	Dependency On	Summary & Key Actions	Stakeholders	Relevant Programme Milestone(s)
	Central systems (data services/load shaping) do not provide 100% coverage of consumption data to LDSO's. DNO's unable to fully recover DUoS charges.	Programme to clarify scope/approach for testing DUoS data in SIT.	Programme SI		Availability of core software products MPRS,UMSO, DUoS etc aligning with IR8 to complete PIT, Regression prior to NON-SIT LDSO QT	Service Provider	Program guideline provides flexibility for parties to complete PIT aligning with minimum of IR7.3 for QT and then complete aligning with IR8 prior to or during QT execution based on product availability.	Programme St Clements UMSO provider	
	SIT testing of MPRS (incl Migration), Durabill and DIP Aapter does not complete in time for parties to complete their own PIT Functional and Migration testing and evidencing required for Qualification Testing (30/08)	n/a outside of party control. Monitor programme SIT progress.	Programme SI						
	Potential impact on DNO budgets dependant on environment, testing requirements and timescales & new change requests	Mitigation: Require firm commitments on requirements for Environment requirements for Non-SIT LDSO testing. Impact: Potential under-recording of DNO cost impacts in the Programme benefits. DNOs will require approval of additional Programme funding	Programme SI	N/A					
	The sandbox testing window has not been finalised, which may impact our plans for consequential impact testing, resource planning, etc.	Mitigation: Discuss the Sandbox testing window for LDSOs in the QWG and agree on a plan. Impact: Unable to plan for consequential impact testing, and associated costs.	Programme SI	T1-MI-1000					
	Data Cleanse activity may take longer than aligned within program plan	Mitigation: Question remains over whether import and export linkage is required (as per Elexon P459). Impact: Failed migration and/ or extended timelines and/ or poor-quality data	Programme SI	T1-MI-1000					

iDNO Dashboard Updates



RAGs	Overall	Approach	Plan	Resources	Budget	Risk					
IDNOs Status & Outlook	Progress since last month SIT Participant <ul style="list-style-type: none"> Progressed SIT Functional Cycle 1. Progressed preparation for SIT Functional Cycle 2, SIT Migration and SIT Functional Settlement testing. Submitted SIT Migration Test Participant Readiness Report. Submitted a positive self-declaration regarding the population of Connection Type for traditional and advanced meters. Non-SIT Participants. <ul style="list-style-type: none"> Non-functional / operational placing reliance update submitted into the programme by 17th May. Third party tech provider working on functional & migration test case development for June submission. Submitted PIT Approach/test plans. Submitted Pre-Qualification Submission in time for 26th April deadline. Progressing setup of SFTP environment. Completion of data cleanse plan self-declaration. Liaised with Op Readiness on exceptions for MC A CTI submission 		Expected key activities next month SIT Participant <ul style="list-style-type: none"> Complete preparation for Cycle 2. Define the approach for the standardised LLF IDs, with LDSOs and Elexon. Review Settlement Testing Scenarios, when published. Non-SIT Participants <ul style="list-style-type: none"> Functional & Migration RTTM submission. Third party tech provider submits test scenarios and cases for the above on the 28th June. Continue with data cleansing, including P434 UMS MPAN Migration. Complete setup of SFTP environment. Obtain clarification on Non-Functional requirements for SIT and Qualification Testing. 		DNO Key Deliverables & Activities Latest Status		Due Date & RAG		Relevant Programme Milestone(s)		
	IDNO System Integration Testing (SIT) Participants										
	SIT Functional Cycle 1 completion and Cycle 2 Preparation					On track currently		10.06.24		SIT Functional Cycle 2	
	Preparation					On track currently.		10.06.24		SIT Migration	
	SITB environment established and general preparation					On track currently.		10.06.24		SIT Functional Settlement Testing	
	Non-SIT LDSO Qualification Testing										
	Working with third party tech provider on PIT stage completion for QT readiness.					On track				QT testing starts 01.10.24	
	Non-SIT LDSOs testing start (Functional / Migration / NFT / Ops)					Attending the IDNO forum – Moving forward placing reliance				M9 – 02/07/2024	
M10 - readiness to support migration start, including Registration Services. Network Operators and UMSOs					Progress for M10 looks positive but still some preparation to undertake.				M10 – 07/05/2025		
Escalations	Escalations / Priority Actions					To Whom		Required Resolution Date		Owner	
	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)
	Risk of Suppliers back-ending their P434 data activity and landing volumes on LDSOs.		Impacts: Inability to meet data cleanse requirements to Programme timescales and, therefore, potential impacts to delivery due to inaccurate data. Mitigation: Understanding of Supplier intentions and Programme coordination.		Programme/Suppliers	M11/M12	LDSO QT team will work with the third-party provider to confirm testing requirements	LDSO MHHS Qualification team	Summary: Confirm with LDSO QT team if testing on 1 participants data is possible. Key actions Third party provider reads through data requirements when released and then meets MHHS programme at the trilateral in June to discuss testing requirements	Indigo Power, Eclipse Pwer, IDCSSL, EPTEch Solutions MHHS Programme	PIT stage completion 30/09/24
	Risk that frustrations found in Cycle 1 testing will cause delays in Cycle 2 testing.		We have fed into the Programme elements of Cycle 1 testing that has slowed testing progress and have suggested potential improvements.		Programme	Subsequent SIT Cycles					
	Non-SIT LDSO placing reliance testing. Third party tech provider requires confirmation from the LDSO QT team on using one client's data for testing on all LDSO, Reg Ser and UMSO roles.		Mitigation: Waiting for test data requirements to be issued by the MHHS programme for review by the Tech provider. Impact: Reduces the complexity of data for testing required and reduces need for multiple testing environments.		Third Party Tech provider	PIT testing execution 01/07/24					
	Readiness for managed SIT testing on behalf of placing reliance.		Potential for IDNOs to not qualify if testing unsuccessful		Programme	M9					

Central Party Finances



Overarching Costs for MHHS Central Parties FY 24/25

Financial Measure	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	Jan-25	Feb-25	Mar-25	Totals (£m)*
	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m	
MHHS Budget	1.61	1.63	1.61	1.64	1.62	1.64	1.71	1.57	1.51	1.54	1.50	5.98**	23.58
MHHS Actual/Forecast	1.61	1.63	1.61	1.64	1.62	1.64	1.71	1.57	1.51	1.54	1.50	5.98	23.58
DCC Budget	3.16			4.32			2.89			0.97			11.33
DCC Act/Forecast***													10.71
Helix Budget	3.3	3.3	3.3	3.3	3.3	3.3	1.9	1.9	1.9	1.9	1.9	1.9	31.2
Helix Act/Forecast	2.9	3.3	3.3	3.3	3.3	3.3	1.9	1.9	1.9	1.9	1.9	1.9	30.8
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 Act/Forecast	0.11	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	6.32	6.36	6.25	6.66	6.67	6.8	4.94	4.61	4.60	4.03	4.00	8.52	69.76
Total Act/Forecast	4.62	5.27	5.16	5.19	5.20	5.36	3.94	3.61	3.61	3.68	3.65	8.17	67.46

Please note:

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

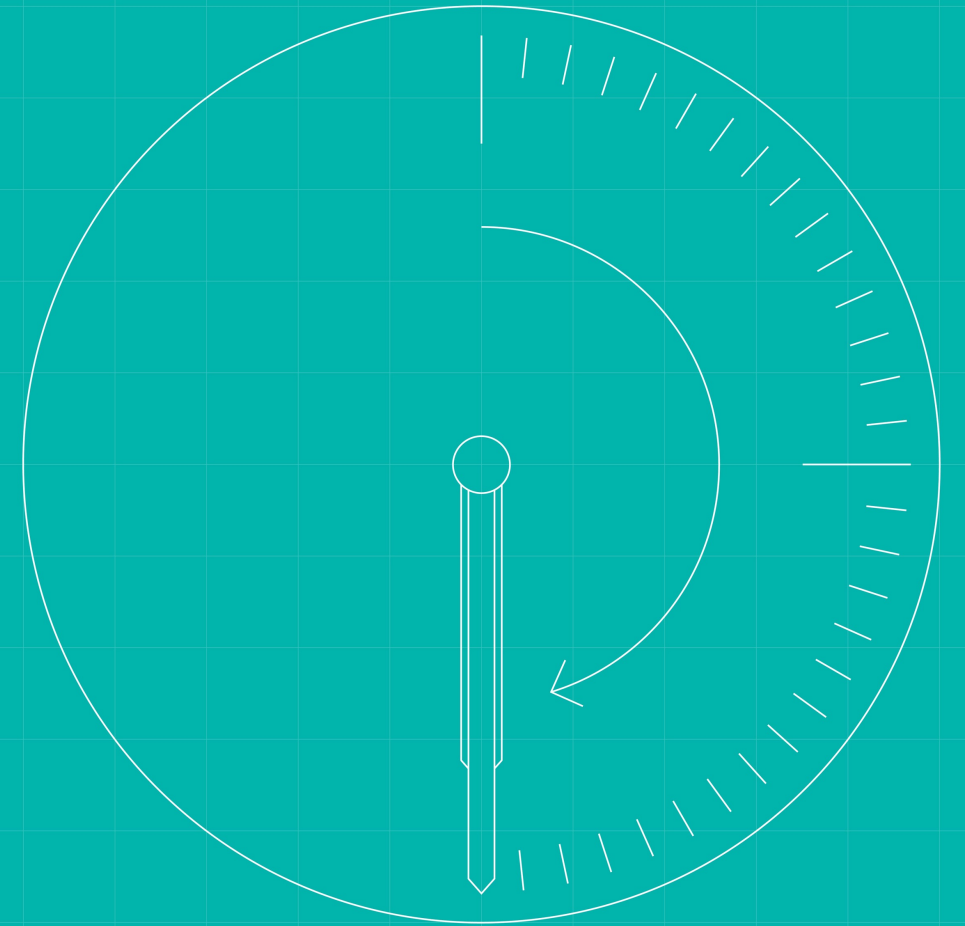
Central Party Finances – Colour Key
Actuals data

Programme Change Requests

DECISION/INFORMATION: Decision on implementation following escalation from DAG: CR044, and updates on Change Requests.

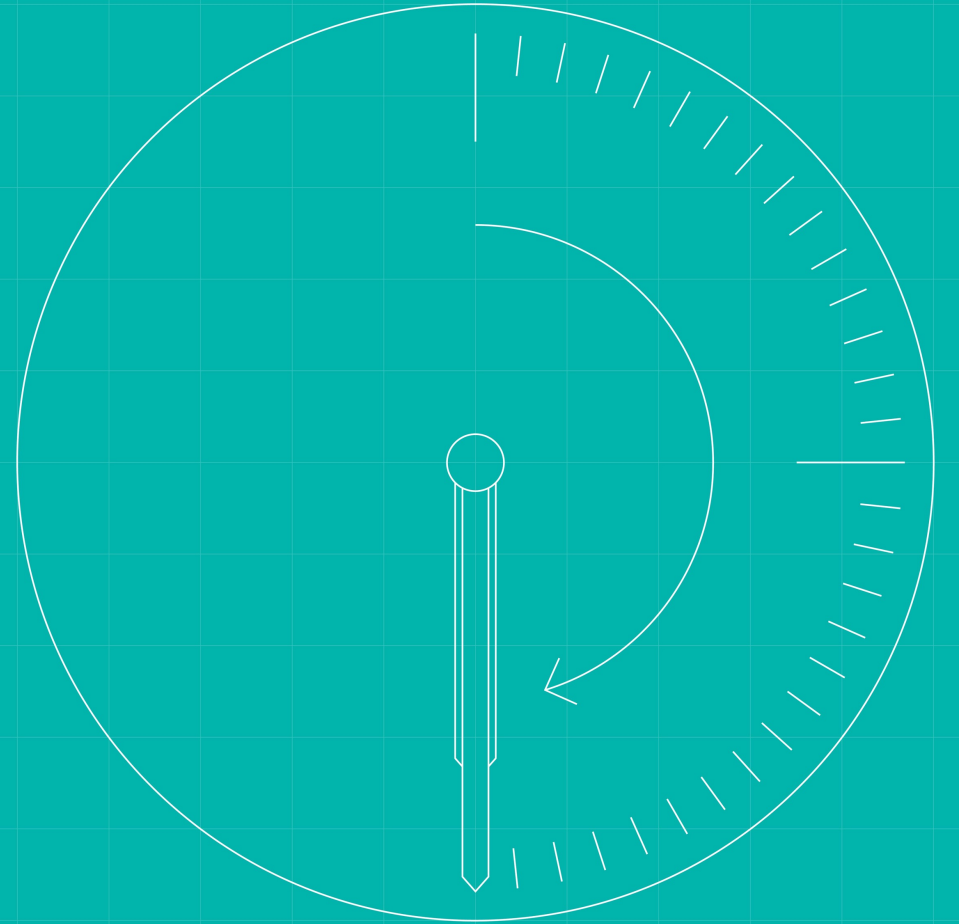
Programme (PMO)

10 mins



CR044 Programme Participant Information Request (PIIR) Report & Recommendations

DECISION: CR044: *'Implementation of 'Data Refresh' Message IF-051'* Review the outputs of PPIR and make a decision on next steps



Overview and objective:

The Programme issued a PPIR to understand Programme Participants' ability to implement CR044 before M10, following an update from St Clements Services that they would be able to complete their implementation in January 2025.

The Programme Steering Group will review the outputs of the issued CR044 PPIR and advise SRO on their decision to approve or reject the Change Request for a pre-M10 implementation.

Headlines:

- Overall: **6 respondents supported implementing the change before M10, and 13 respondents stated that they cannot implement the change before M10.**
- **Those who supported the implementation of the Change Request before M10 did so on the following basis:**
 - Large Suppliers supported implementing the change before M10, however their systems will not be directly impacted by the implementation timelines.
- **Respondents who are unable to implement the Change Request before M10 gave the following reasons:**
 - DNOs and iDNOs raised concerns due to a **lack of certainty on the testing and implementation requirements and timings**, as well as noting that slippage in SIT or Qualification may further impact timelines.
 - Implementation pre-M10 introduces a risk to the M10 milestone.
 - I&C Suppliers raised that due to being a risk-prevention change, CR044 does not meet the Change Freeze criteria for pre-M10 implementation.
- **Further comments:**
 - **Respondents remain supportive of the solution.** Those who are unable to implement before M10 support a post-M10 implementation.
 - A focussed conversation to consider and progress implementation options is recommended.
- **Programme recommendation**
 - Based on the responses to the PPIR, **the Programme keeps same recommendation as May PSG, that CR044 is handed over to the Code Bodies, to be implemented in a post-M10 release.** The Programme will work with the Code Bodies to understand when implementation will be possible. Implementation will be completed as close to M10 as possible, whilst managing the safety and stability of the new system.

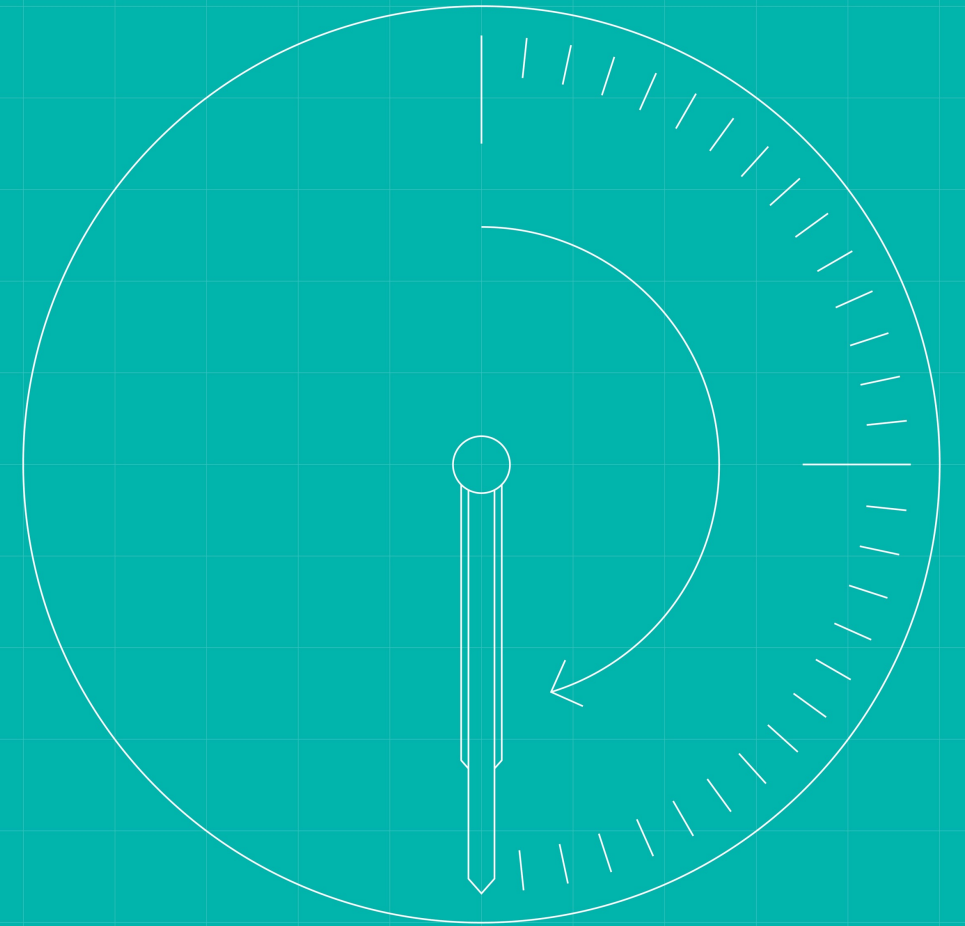
CR044 – Submitted PPIR Responses

Programme Parties	CR044 PPIR Responses		
	Yes	No	No Reply
Large Suppliers	4	-	1
Medium Suppliers	-	-	7
Small Suppliers	-	-	33
I&C	-	2	39
DNOs	-	6	-
iDNOs	-	5	8
Ind. Agents	-	-	47
Supplier Agents	-	-	7
S/W Providers	-	-	25
REC Code Manager	1	-	-
National Grid ESO	-	-	1
Consumer	-	-	1
Elexon (Helix)	-	-	1
DCC	-	-	1
SRO / IM & LDP	-	-	-
IPA	-	-	-
Avanade	1	-	1
Totals	6	13	172

Document Classification: Public

Change Request Updates

INFORMATION: Update on the approval decisions of CR045: *'Supply Start Date (SSD) Correction Tool'* and CR050: *'Amendments to the MHHS Change Control Approach and Form'*



CR045 overview:

Following action PSG32-05, whereby the Programme was requested to reevaluate Participants' ability to implement CRs 044 and 045 before M10, a Design Resolution Group (DRG) session was held on Thursday 16 May, in order to finalise the solution design for CR045. The solution design is required before we can understand Programme Participants' implementation capacity.

A finalised solution design for CR045 was not reached at the DRG session on 16th May. Therefore, the Programme will facilitate another DRG session on Friday 31st May to close out the final solution design for CR045.

Following this, an assessment will be made regarding Programme Participants' ability to implement CR045 before M10 and will be brought to PSG in July.

CR050 overview:

In May PSG, Ofgem requested that the Programme issue CR050 to Impact Assessment. This is currently underway, following an industry webinar on 13 May, with a response deadline of 29 May 2024.

Following the Impact Assessment window closure, the Programme will consolidate responses into a report, which will be presented to Ofgem. The report will summarise the findings of the Impact Assessment, including Programme responses where necessary.

Ofgem will make an approval decision after the report has been presented to them.

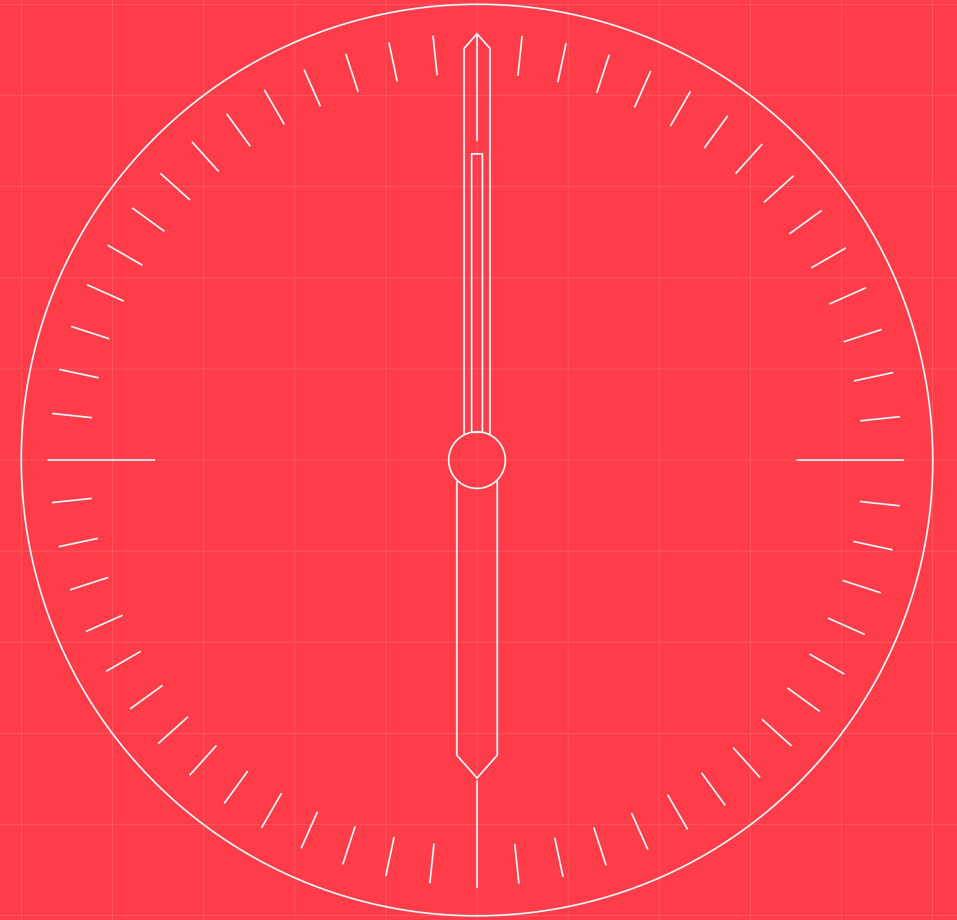
This decision will be communicated at the PSG in July.

Qualification Testing Updates

INFORMATION: Updates on Qualification Testing from the Programme and Elexon

Elexon (Laura Kennedy) & Programme (Nicola Farley)

0 mins – to be taken as read



Overall Qualification:

- The new subgroups are now underway with LQTSG held 29 May and SAQTSG scheduled for 05 June.
- Qualification plan is now integrated as part of the overall Programme Plan
- Delay to the next version of the QA&P while alignment still ongoing with MHHSP regarding Non-Functional scope.
- QAD guidance webinar held on 29 May for all Participants

- **Non-SIT Supplier & Agent Qualification:**
- QA&P Annex 2 – Non-SIT Supplier & Agent QT Approach and Plan approved at QAG and due to be approved at REC/BSC PABs.
- Functional Test Scenarios Batch 1 & 2 approved at QAG.
- Test Data Approach and Plan due to go out for industry consultation by 10/06 following inaugural SAQTSG.
- Migration QT Test Scenarios and Cases out for industry consultation 03/06.

Non-SIT LDSO Qualification:

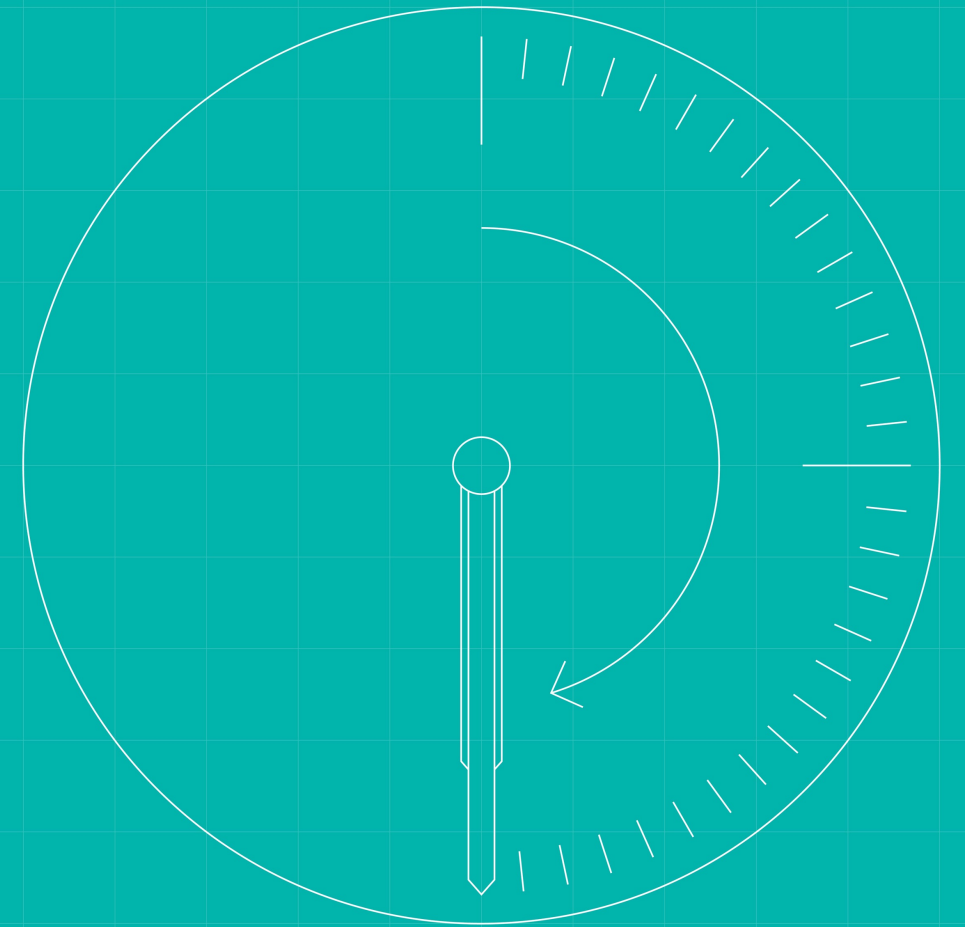
- LDSO have submitted their PIT plans for functional and migration and review feedback has been provided
- Timelines for LDSO QT test plan has been amended following feedback from LDSO to allow more time for completion
- Approval of Non-functional update of Annex 1 of QA&P delayed while alignment ongoing with MHHSP regarding Non-Functional scope.
- Test Data Plan approved at May's QAG and test data matrix has been published to support LDSO taking a data cut around 10 June
- Placing Reliance submissions for non-functional and operational undergoing reviews

Pre-Qualification Submission Update

INFORMATION: Summary of key findings from participant Pre-Qualification submissions

Programme (Pete Edwarde)

10 mins



Introduction

Context

All Suppliers, Agents, and new entrant LDSOs (who will enter the market after M10) opting for the non-SIT route for MHHS Qualification must complete the PQS and submit it for Code Bodies' review.

The PQS is an important means of gathering information and covers the following topics:

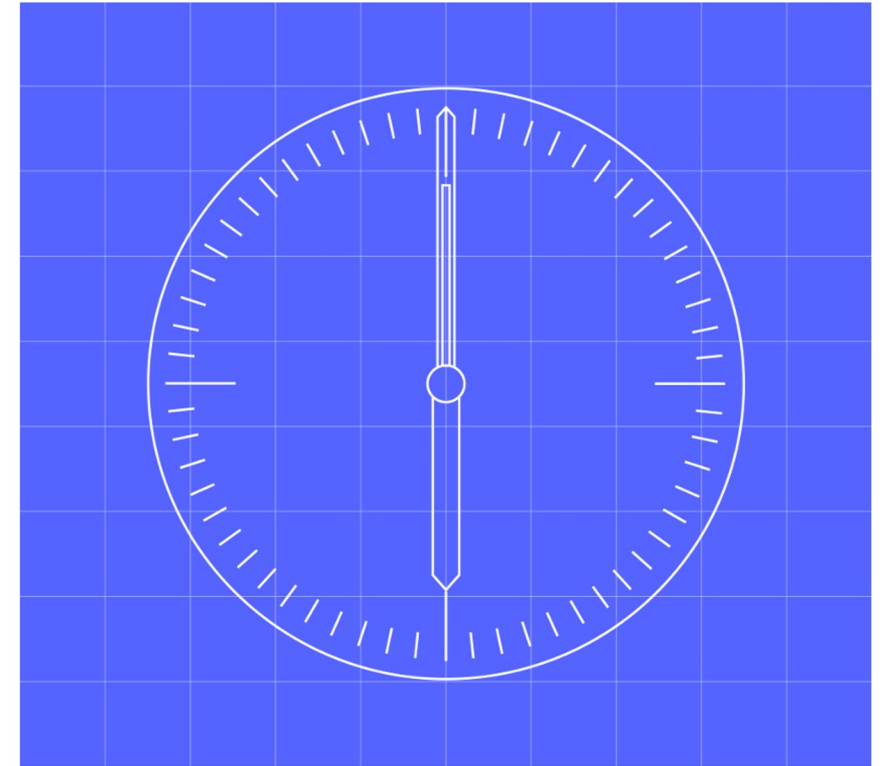
- Preferred Qualification Wave
- Pre-Integration Testing (PIT) approach and completion timescales
- Qualification Testing approach and completion timescales
- Any Placing Reliance proposals, both to understand dependencies and the level of testing required
- Qualification testing
- Supplier Hub relationships to inform Migration planning (optional)

Reporting

This report has been created to summarise the results of the PQS for members of the MHHS Programme team, and selected slides will also be presented at PSG in June 2024.

Whilst this presentation at PSG will occur prior to the wave allocation communications from the Code Bodies at the end of June, it will make Participants aware that they can expect the PPC and Code Bodies to reach out if any issues with their submission have been identified.

Pre-Qualification Submission Template



Document owner
BSC and REC
 Status
Final

Document number
MHHS-DEL2231
 Date
05 February 2024

Version
1.0
 Classification
Public

Executive summary

Commentary

- The response rate to the PQS was **76%**. Whilst Agents had a relatively low response rate at **45%**, we received responses from **91%** of Suppliers and this is expected to increase with late submissions. The PQS results therefore provide a representative view of non-SIT Suppliers' progress.
- Whilst some issues with the plans submitted by Participants were visible (see 'Key Risks'), the PQS does give adequate information for Code Bodies to allocate waves by the end of June as planned.
- The primary value of this report from the Programme's perspective is to identify those Participants that require further support. The PPC will be contacting these Participants individually. Reasons include:
 - **18** did not submit a PIT approach/plan
 - **12** PIT exit dates not aligned to wave preference
 - **16** unknown or incorrect migration start dates
 - **28** did not respond to the PQS
 - **11** Placing Reliance on Software Providers
 - **16** not placing reliance (confirmation to be requested)

Key Findings by Theme

Qualification

Wave 4 was the most popular qualification wave (preferred by **40%** of PQS responders), followed by **26%** for Wave 1. However, when measured by the number of MPANs that Suppliers are responsible for, Wave 4 was the least popular (**4%**), with Wave 2 the most popular (**40%**). Ahead of Qualification **28** Suppliers have contracted their Agents, whereas **40** have not.

PIT

PQS responders tended to have either completed PIT (**35%**) or not started (**55%**). PIT completion tended to correlate to earlier wave preferences, but there were exceptions to this which are being followed up by the PPC.

Migration

Awareness of the migration plan was better among larger organisations. **79%** of PQS responders plan to start migration during the planned window of Q4 2025 to Q1 2026, and this includes suppliers who are responsible for **99.7%** of MPANs among PQS responders.

Market Roles

There was limited change in terms of the market roles that PQS responders will be playing under MHHS. There will be **1** Supplier entering the market, **4** fewer Agents providing data services, and **2** fewer MEMs.

Key Risks



Confusion around PR & ToBo

Some Participants did not understand the difference between Placing Reliance and Testing on Behalf of, and many do not have the required consent from the organisations they were Placing Reliance on.



Plans not aligned to key milestones

Several Participants had plans which did not take account of key dates in the Programme plan, or lacked coherence in terms of PIT completion, migration start dates or qualification wave preferences.



Preference for Qualification Wave 4 (Risk 332)

Wave 4 was the most popular wave, particularly among small and I&C Suppliers. There is a risk that not all can be allocated their preferred wave.

Mitigating Actions



Clarification comms

The PPC and Code Bodies are coordinating communications which will clarify key terms and make clear the requirements for consent. The PPC will also raise the topic in their bilaterals.



Bilateral follow-ups

Based on this report, the PPC will engage in targeted discussions with Participants about their plans. Code Bodies are also asking clarifying questions based on PQS responses.

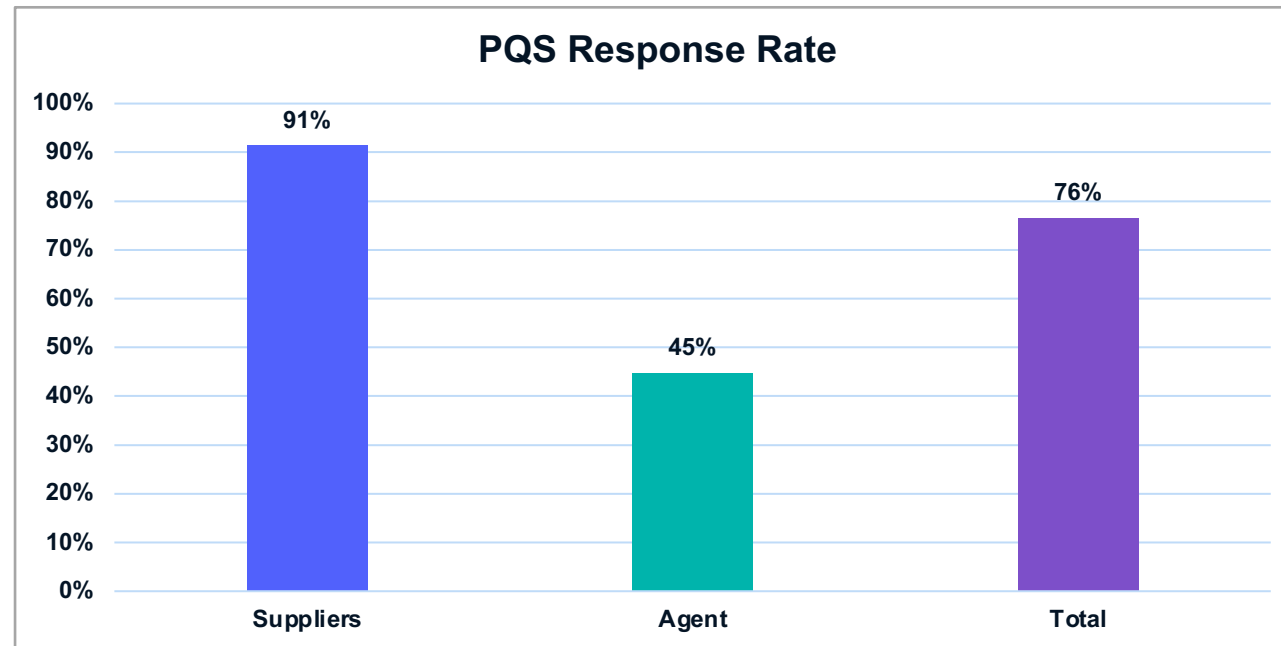


Code Bodies to assess capacity

The Code Bodies are in the process of assessing capacity and allocate waves to Participants by the end of June.

Response rate

PQS responses were expected from **122** Participants and were received from **89** Participants, a response rate of **76%**. The response rate was significantly better among Suppliers (**91%**) than Agents (**45%**).

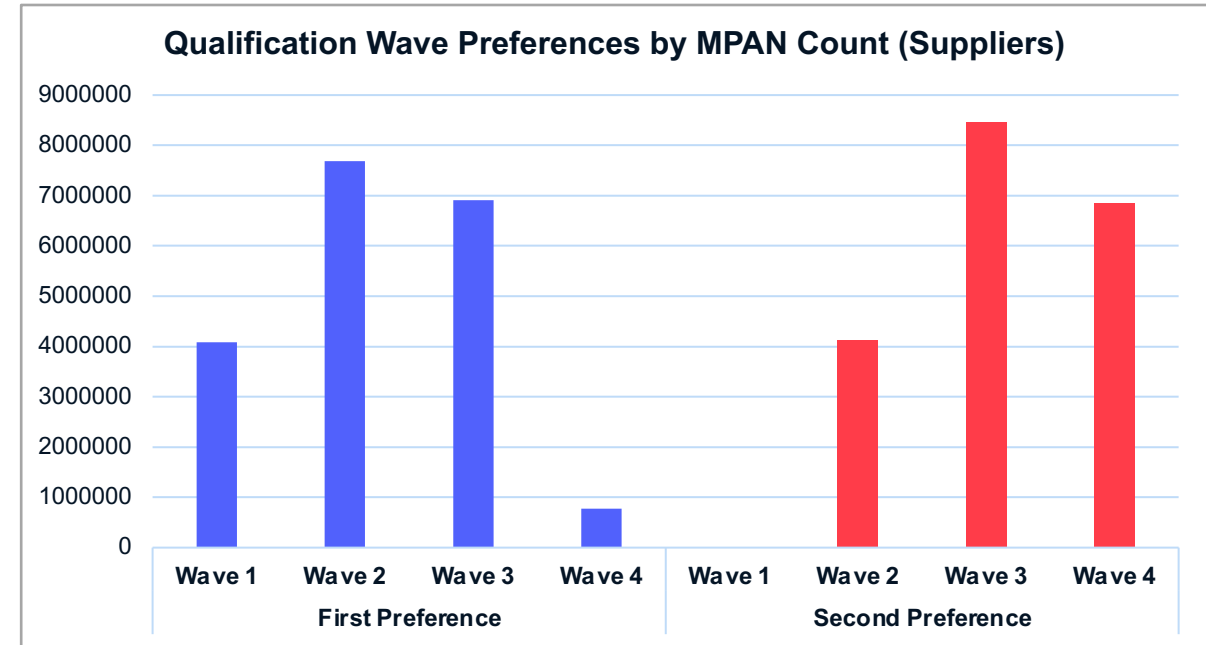
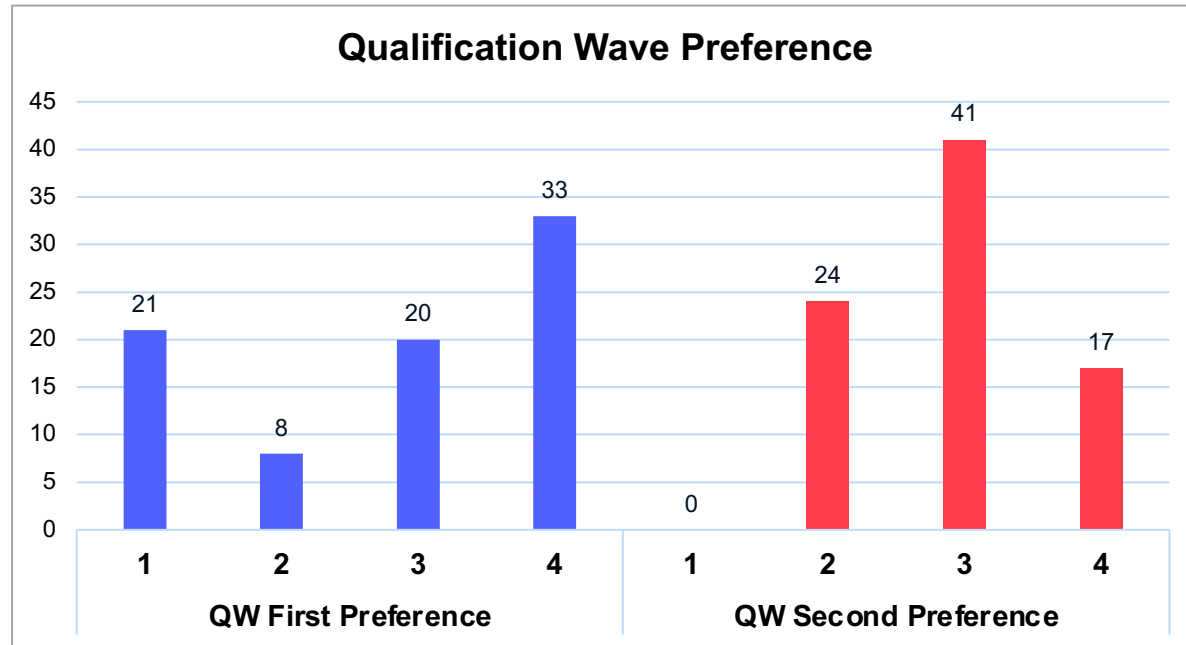


Key Points

- Of the **81** Suppliers that were expected to reply to the PQS, **74** did so. This represents a response rate of **91%**.
- **3** further Suppliers have notified us that we can expect a late response.
- Agents were much less likely to respond. Of the **38** that were expected to respond to the PQS, just **17** did so. This represents a response rate of **45%**.
- Of the **18** Agents that Suppliers say they have commercial arrangements in place with, none of them are on the list of non-responders.
- The PPC and Code Bodies will follow up with those organisations that did not submit a response, both individually and through QWG.

Which qualification waves are preferred by Participants?

Whilst Waves 1 & 4 were the most preferred waves, Waves 2 and 3 tended to be chosen by Suppliers with greater numbers of MPANs. Wave 4 has a particularly low MPAN count in terms of first preference, which suggests that Small and I&C Suppliers have tended to choose Wave 4. The action is now with the Code Bodies to determine if they can support this wave profile.

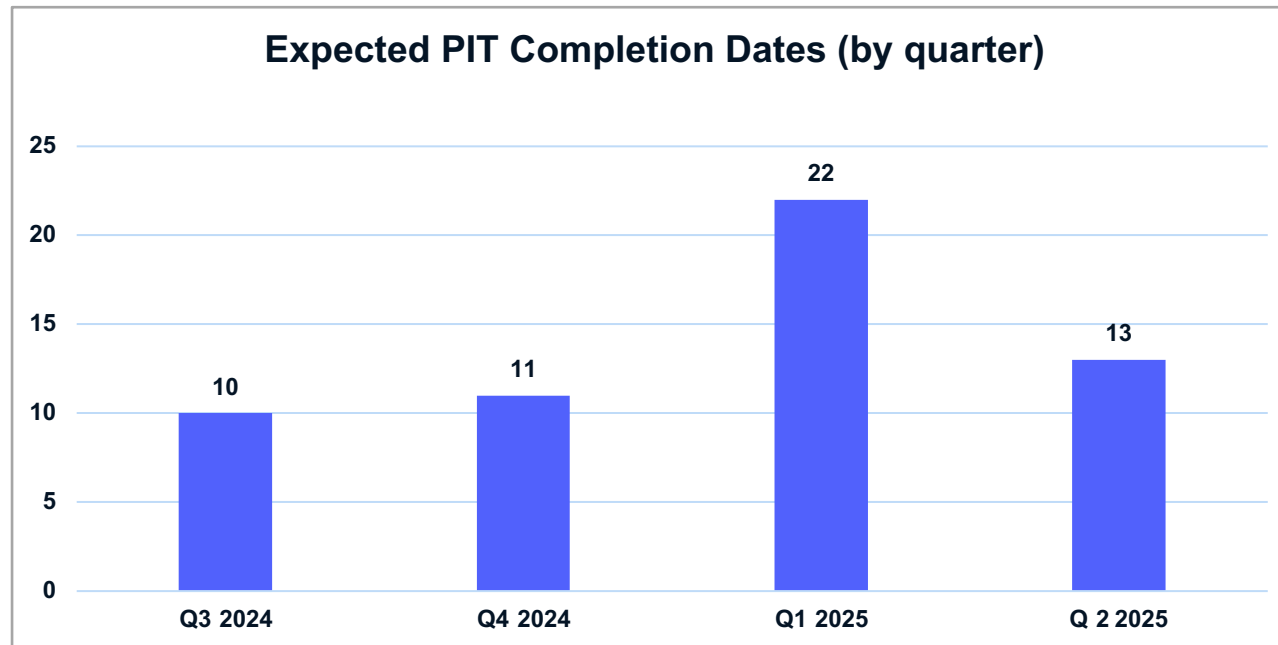


Key Points

- **26%** of PQS responders preferred Wave 1, **10%** Wave 2, **24%** Wave 3 and **40%** Wave 4. However, when we look at the number of MPANs Suppliers are responsible for, we see that Wave 1 preference accounts for **20%** of MPANs, **40%** Wave 2, **36%** Wave 3 and just **4%** in Wave 4.
- This suggests that Small and I&C Suppliers have tended to choose Wave 4.

PIT completion dates

All Participants who submitted an expected completion date for PIT provided a date that was prior to the deadline on 20th June 2025. This shows a good understanding of the Programme plan.

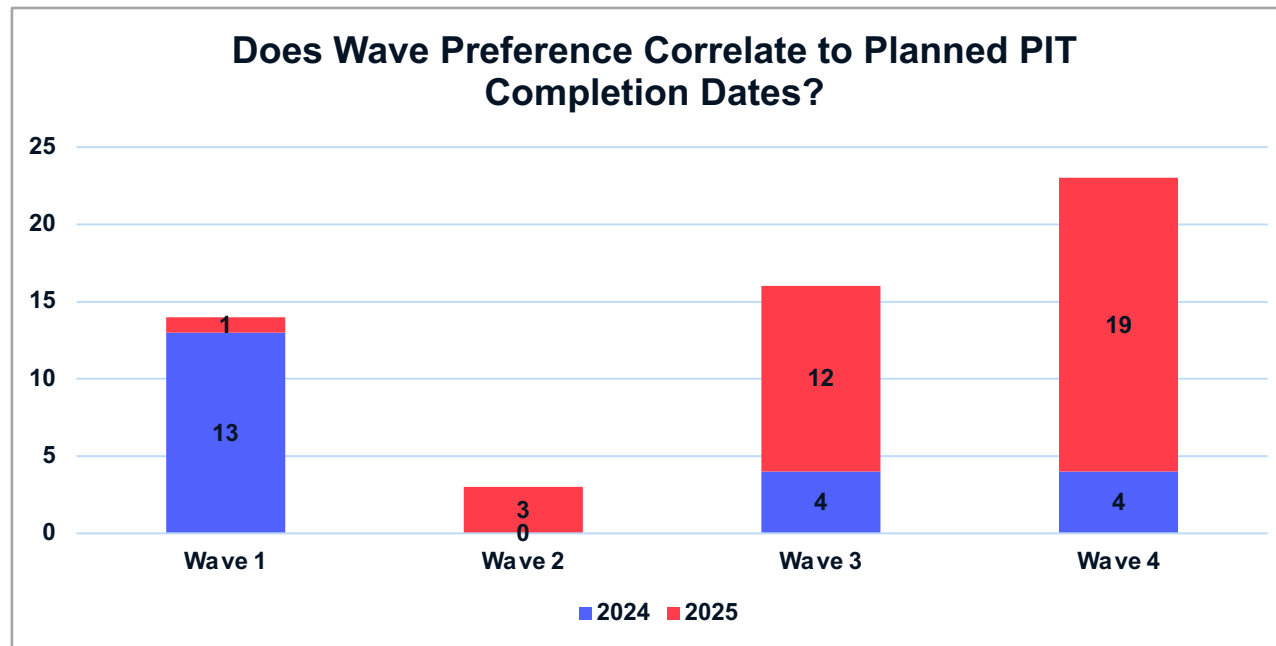


Key Points

- Of the **56** PQS responders who provided an expected completion date, **18%** expect to finish in Q3 2024 and **20%** expect to finish in Q4 2024.
- The remainder were split between Q1 2025 (**39%**) and Q4 2025 (**23%**).
- All Participants plan to complete PIT by 20th June 2025. This is the date in the plan by which we have asked for Non-SIT Programme Participants to issue their final PIT Test Completion Report (Non-Functional and Operational).

PIT completion dates

There is a strong correlation between the dates on which Participants expect to finish PIT and their wave preferences. However, there are still some anomalies which the PPC will raise with the appropriate Participants in bilaterals.

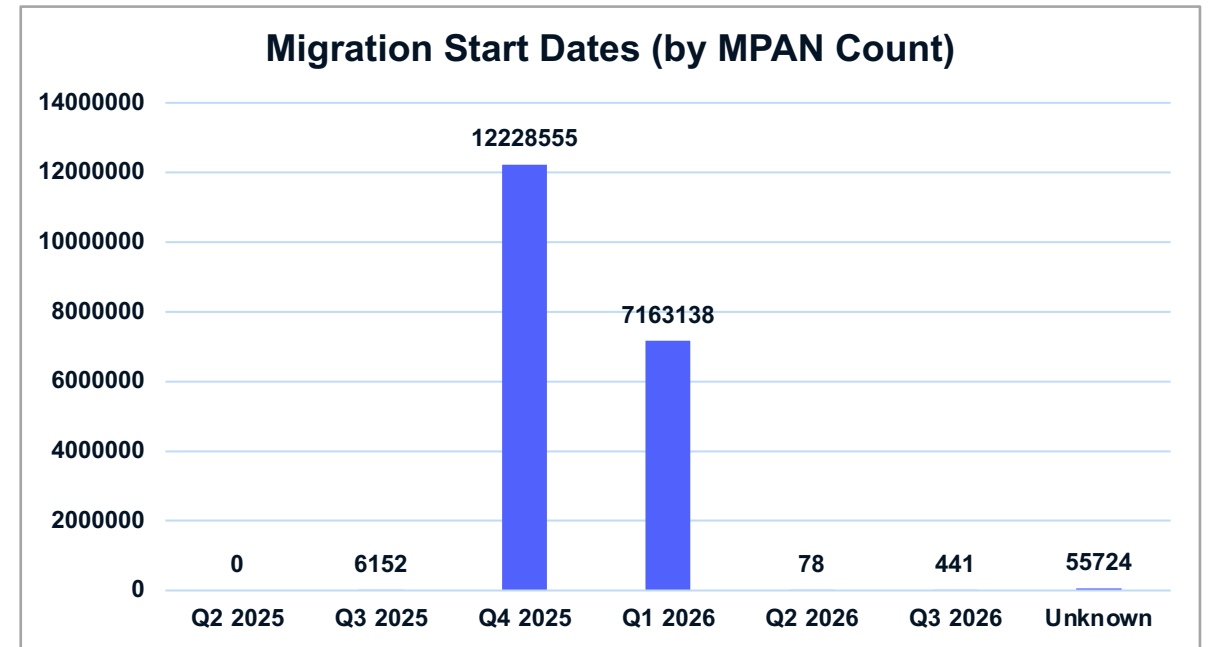
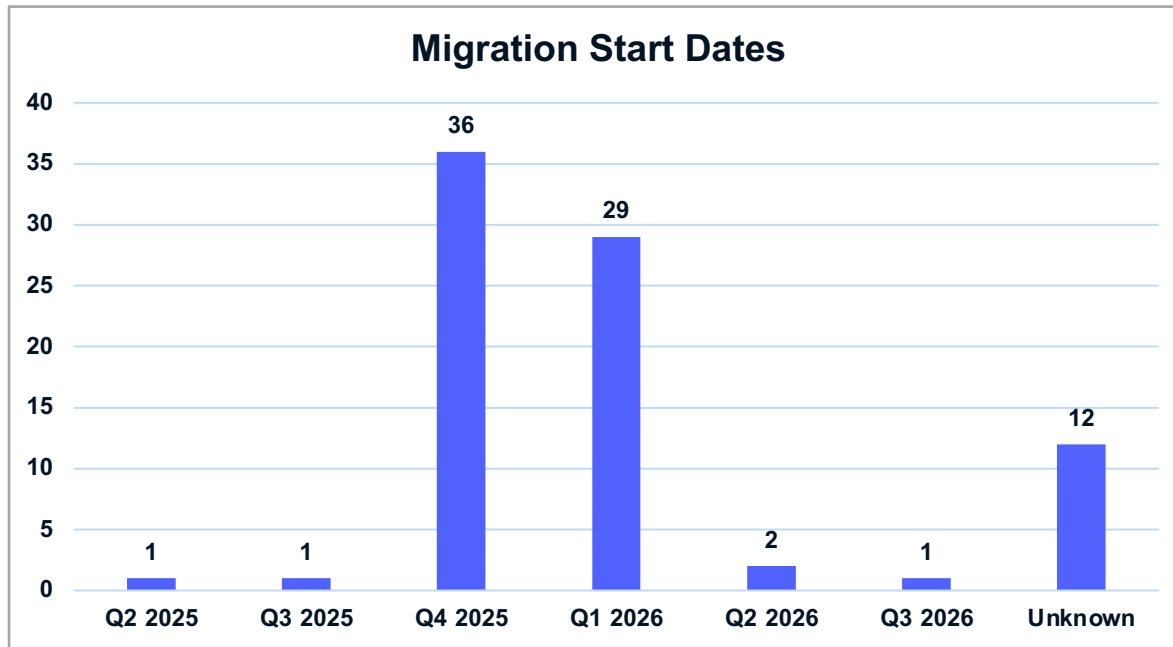


Key Points

- As expected, those Participants who have selected Wave 1 tend to expect to finish PIT in 2024 (with **1** exception).
- **2 of the 3** Participants who have selected Wave 2 but expect to finish PIT in 2025 will be contacted by the PPC, as their PIT completion report is due on 21st February 2025 but they plan to finish after this date.
- It is also notable that a total of **8** Participants who have selected Wave 3 or Wave 4 expect to complete PIT in 2024. Whilst this does not pose a problem, it is surprising that they would plan to complete PIT well ahead of the deadline for those waves (in April and June 2025 respectively).

When do Participants plan to start migration?

Plans to start migration are concentrated in Q4 2025 and Q1 2026 (79% of PQS responders), which is in accordance with the Programme Plan. Suppliers also intend to migrate 99.7% of MPANs within the Q4 2025 / Q1 2026 window.



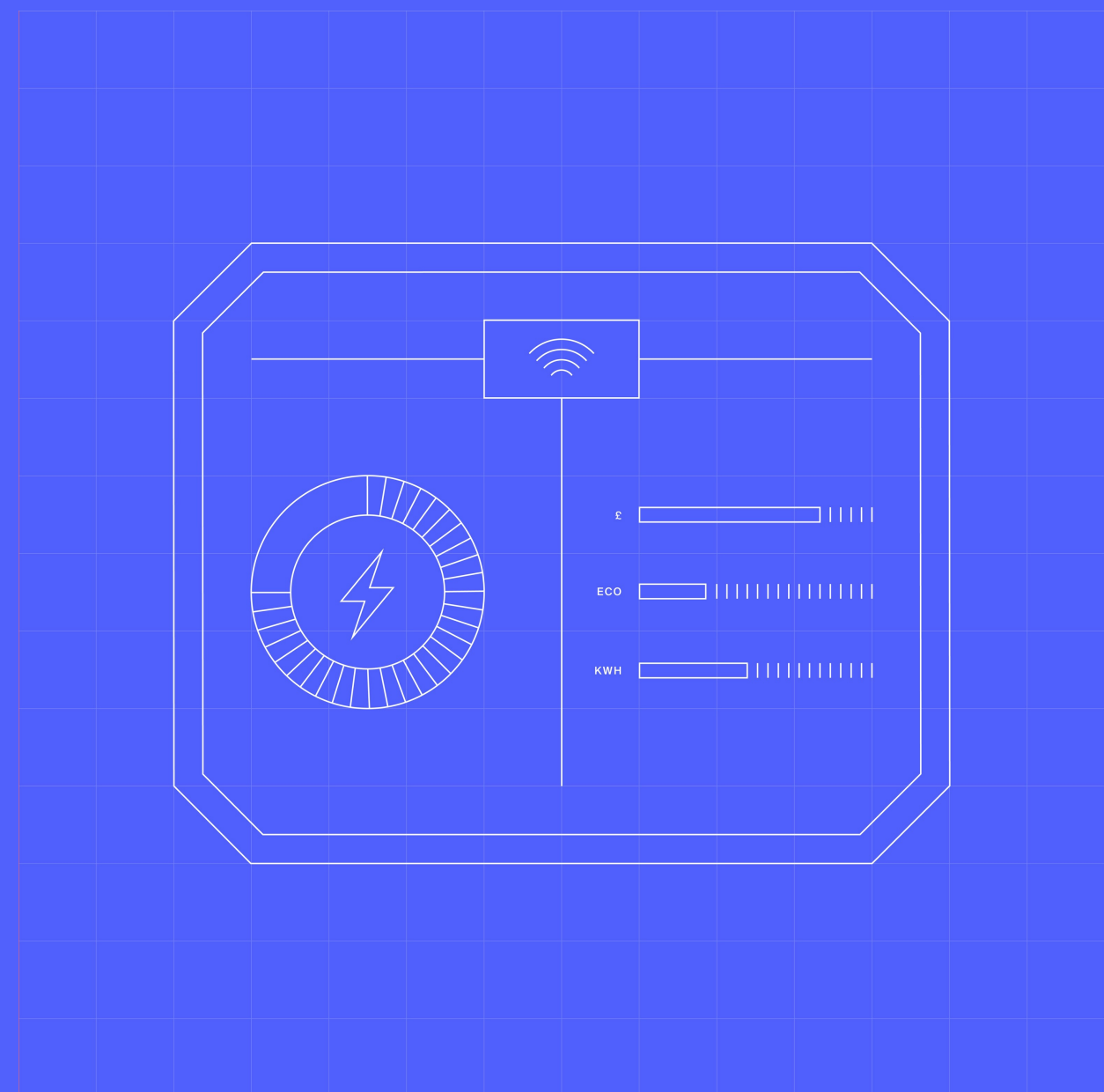
Please note that for the purposes of these graphs Q4 2025 includes 30th September 2025, as this is the date on which migration begins for non-SIT Participants.

Migration Update

INFORMATION: Programme updates on Migration plan and progress

Programme (Warren Fulton)

5 mins



- **Consultation 1 approved by MCAG on 08 May 2024**
- **Consultation 2 is progressing according to plan**
 - The MWG has been meeting fortnightly and the Consultation is on track to be issued on 13 June
 - Consultation responses to be received from Participants by 27 June
 - Comment responses and updated artefacts to be issued for review by 11 July
 - Assurance meeting by 18 July
 - MCAG approval by 25 July

Roadmap: Migration framework and schedule development

	May'24	June'24	July'24	Aug'24	Sept'24	Oct'24	Nov'24	Dec'24
Consultation 2 approval			X					
Consultation 3 approval				tbc	tbc			
Consultation 4 approval				tbc	tbc			
Capacity envelopes issued			X					
Supplier migration schedule submission				X*	X*			
Migration Schedule version 1						X		
Migration Framework baselined						X		
Migration Schedule version 2								X

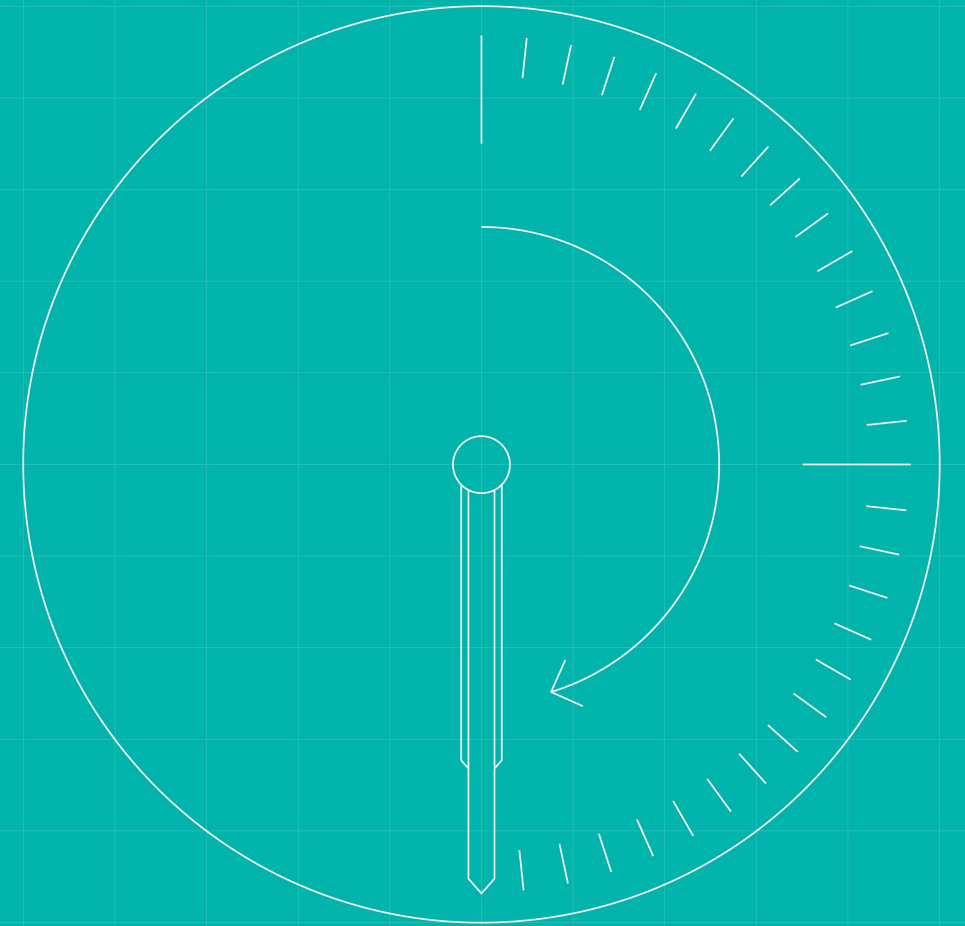
*As requested by Participants, additional time has been included for the submission of Supplier Migration Schedules

MHHS Open Day Summary

INFORMATION: Summary of the MHHS Open Day held
23 April 2024

Programme (PPC)




10 mins






Open Day – Findings and Considerations

Open Day attendees	Virtual attendees	Largest Constituency representation	No. questions raised overall	Feedback points received	Most valued sessions	% of 'E' or 'VG' feedback rating
75	167	I&C Suppliers	59	33	Qual, Go-Live, Migration	90%

Key findings

 <p>Valuable Q&A Sessions</p>	<p>Participants appreciated more time dedicated to Q&A sessions, with one participant noting that the thorough Q&A helped to <i>'develop points of clarity and key themes'</i></p>
 <p>Insightful & Engaging Content</p>	<p>Participants enjoyed the diversity of topics covered and the range in speakers, including representatives from Ofgem. Highlights were the Qualification, Go-Live & Migration sessions</p>
 <p>Opportunity to Network</p>	<p>The opportunity to network with members of the Programme in person was highlighted by a number of participants as invaluable, with one participant noting it <i>'put them at ease'</i></p>

Considerations

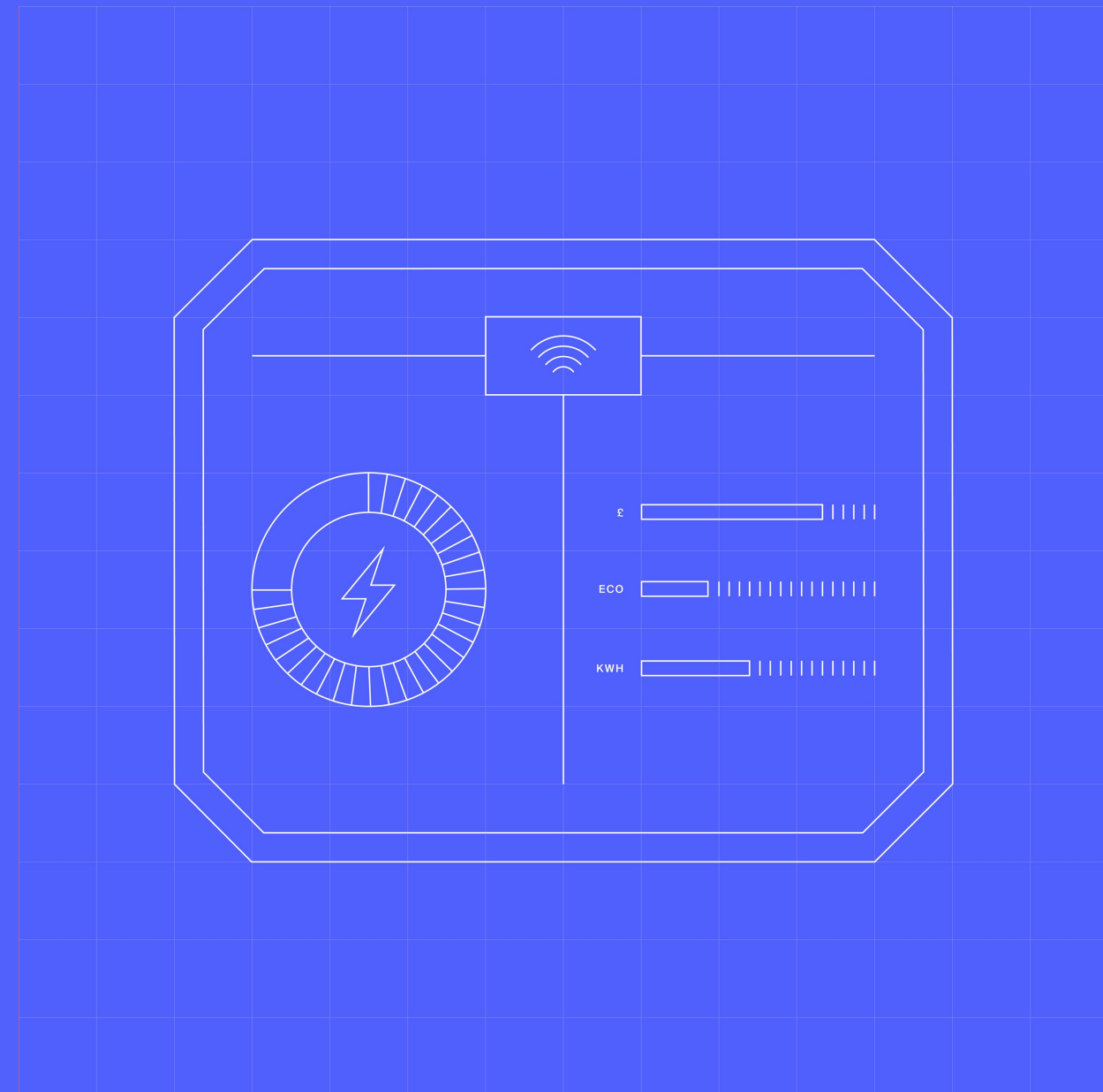
 <p>Wider Programme Context</p>	<p>There were requests from participants to provide further background and context as to the benefits case of the Programme and whether its overall goals are being met</p>
 <p>Timing of sessions</p>	<p>It was noted that the balance of sessions and networking was slightly off, with too much networking time at the beginning of the day</p>
 <p>More Interactive Stalls</p>	<p>Some participants mentioned they would like more engagement with the stalls and better signposting, as well as more interactive sessions with worked examples to run through</p>

Delivery Dashboards

INFORMATION: Questions from PSG members on delivery dashboard content

Chair

0 mins – for note, the dashboard slides can be found in the Appendix

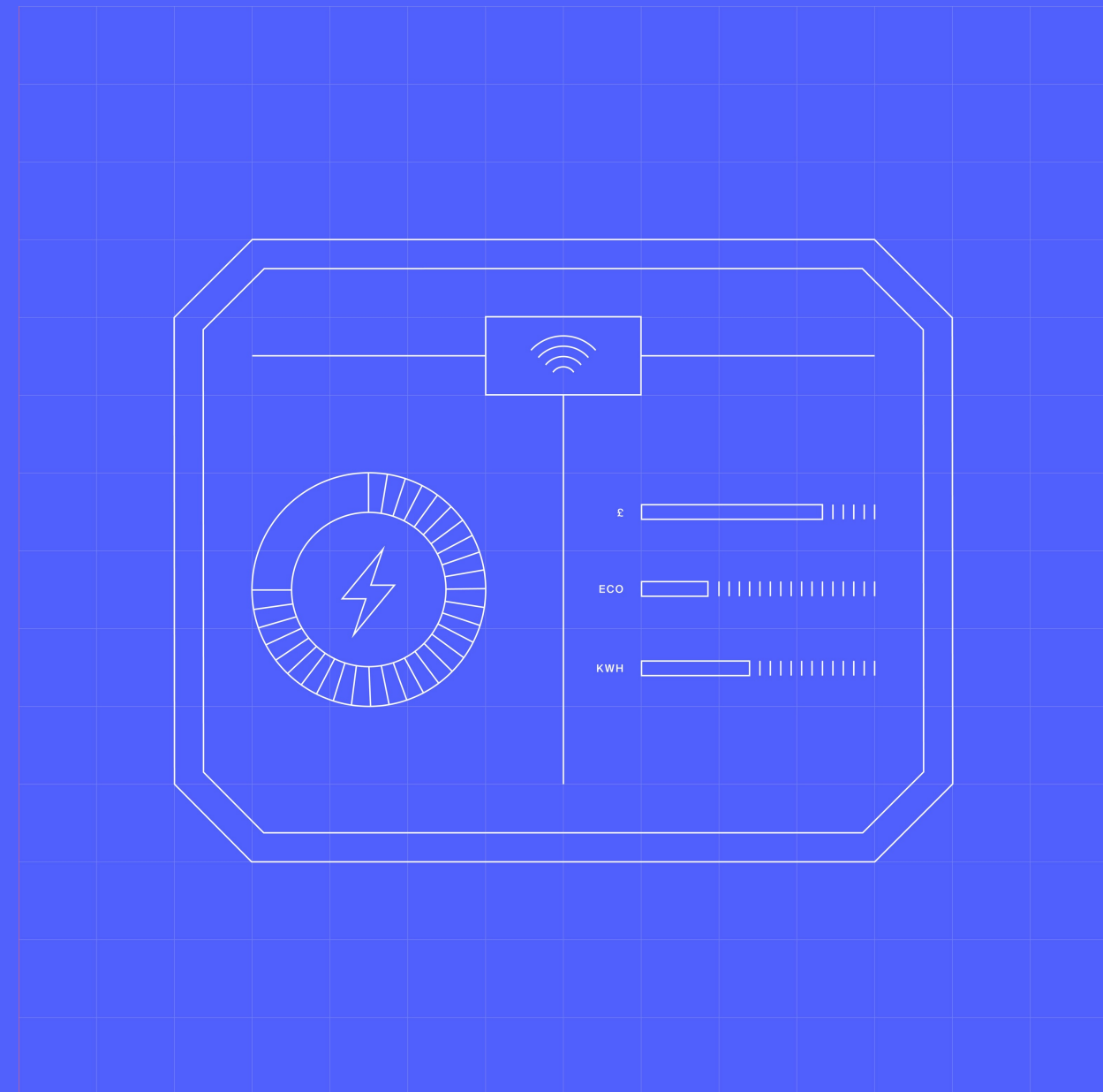


Summary and Next Steps

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

Chair and Secretariat

5 mins



Summary and Next Steps

1. Confirm actions and decisions from meeting
2. Next PSG meeting: **03 July 2024 10:00 – 12:30 (virtual)**

03 July 2024 agenda items

- Programme Change Requests

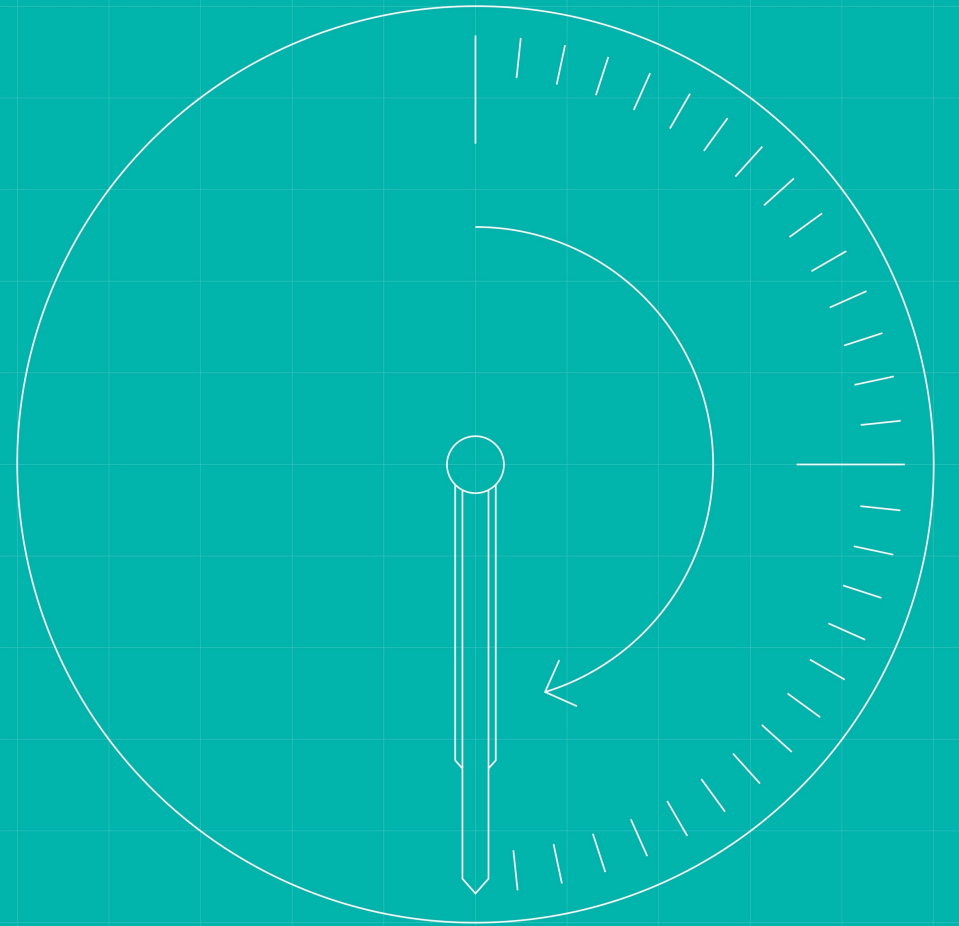
Standing items

- Minutes and Actions
- Qualification Testing
- Migration Updates
- Programme Reporting
- Delivery Dashboards
- Summary and Next Steps

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

Thank you

Appendix



New Advisory Groups Update

System Integration & Testing Advisory Group (SITAG)	
Monthly cadence: Third Wednesday of the month First Meeting: Weds 21 Feb 2024	
Representative	Seat Filled
Elxon (as central systems provider)	Yes
DCC (as smart meter central system provider)	Yes
RECCo	Yes
Large Supplier	Yes
Medium Supplier	No
Small Supplier	Yes
I&C Supplier	No*
Supplier Agent	No
Supplier Agent (Independent)	Yes
DNO	Yes
iDNO	Yes
National Grid ESO	Yes
Consumer	No**

Migration & Cutover Advisory Group (MCAG)	
Monthly cadence: Fourth Tuesday of the month First Meeting: Tues 27 Feb 2024	
Representative	Seat Filled
Elxon (as central systems provider)	Yes
DCC (as smart meter central system provider)	Yes
RECCo	Yes
Large Supplier	Yes
Medium Supplier	No
Small Supplier	No
I&C Supplier	Yes
Supplier Agent	No
Supplier Agent (Independent)	Yes
DNO	Yes
iDNO	Yes
Consumer	No**
National Grid ESO	Yes

Qualification Advisory Group (QAG)	
Monthly cadence: Third Thursday of the month First Meeting: Thurs 15 Feb 2024	
Representative	Seat Filled
RECCo (Qualification Body)	Yes
BSCCo (Qualification Body)	Yes
Large Supplier	Yes
Medium Supplier	Yes
Small Supplier	No
I&C Supplier	Yes
Supplier Agent	Yes
Supplier Agent (Independent)	Yes
DNO	Yes
iDNO	Yes
Consumer	No**

Colour Key	
Recent change	Seat vacant

*I&C constituency has advised they do not intend to provide a representative for SITAG owing to there being no I&C Suppliers undertaking SIT. As such, this seat will remain vacant.

** Consumer constituency has advised they do not intend to provide a representative for SITAG, MCAG, or QAG owing to the technical nature of these meetings. Attendance will be by exception where required.

Delivery Dashboards Overview

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

Change Request Status

Change Control
Updated to 22/05/2024

Ref.	Key Detail	Change Raiser(s)	Change Type	Latest Action	Approval Status	Current Stage in Change Control	Action <i>If approved</i>	Implementation date/milestone	Change Owner(s) <i>If approved</i>
CR044	Implementation of 'Data Refresh' Message IF-051	Sean Cooper, MHHS Programme	Full Impact Assessment	Awaiting PSG decision on implementation (following PPIR)	Open	Approval decision			Paul Pettitt, MHHS Programme
CR045	Supply Start Date (SSD) Correction Tool	Sean Cooper, MHHS Programme on behalf of SCS	Full Impact Assessment	Awaiting PSG decision on implementation (following DRG)	Open	Approval decision			Paul Pettitt, MHHS Programme
CR046	Enabling Metering Point Energy Flow to be changed more than once	Harriet Truss, RECCo	Full Impact Assessment	Approved by DAG (10-Apr-24)	Approved	Implementation	Implement in IR8.1	June 2024	Paul Pettitt, MHHS Programme
CR047	Amending Qualification Milestones for non-SIT LDSO QT	Ben Wickins, MHHS Programme	Full Impact Assessment	Approved by Change Board (12-Apr-24), subject to ratification by PSG	Complete	Implementation complete		May 2024	Ben Wickins & Nicola Farley, MHHS Programme
CR048	Amending Qualification Milestones for Non-SIT Supplier and Agent QT	Laura Kennedy, Credera	Full Impact Assessment	Approved by Change Board (12-Apr-24), subject to ratification by PSG	Complete	Implementation complete		May 2024	Ben Wickins & Nicola Farley, MHHS Programme
CR049	Swagger Open API 3.0 to 3.1 Upgrade	Rob Golding, MHHS Programme	Full Impact Assessment	Withdrawn by Change Raiser	Withdrawn	Withdrawn			
CR050	Amendments to the MHHS Change Control Approach and Form	Immy Syms, MHHS Programme	Full Impact Assessment	Issued to Impact Assessment (response deadline 29-May-24)	Open	Impact Assessment			

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

Theme	Summary	Mitigation Approach Overview	RAG Status	
Risks to SIT Functional Execution	The theme explores the factors which may affect the Programme being able to complete SIT Functional within the planned duration	<ul style="list-style-type: none"> Continuous monitoring of the MVC (through SIT CIT) to ensure that the MVC remains viable Maintenance of pairing relationships via go-live cohorts, to enable better programme decisions based on risks / clarity on ways of working that enable SIT parties to work effectively, transparent and fairly with the programme to complete SIT in an optimum way 	Previous RAG	Yellow (8 items)
			Current RAG	Yellow (13 items)

Key Risks

Risk ID	Risk Description	Risk Score Assessment																Current score movement since last PSG	Mitigation Plan												
		Critical				High				Medium				Low																	
		30	29	28	27	26	25	24	23	22	21	20	19	18	17	16	15			14	13	12	11	10	9	8	7	6	5	4	3
R803	There is a risk that triage / defect management is not effective in equitably addressing priorities and ensuring optimum execution progress																													Score remains at 16	<ol style="list-style-type: none"> Encourage ownership of testing success within each cohort, to supplement and enhance the programme team's overall co-ordination of testing activities Manage the balance of MVC progress (prove the E2E design) vs. cohort progress (risks to migration) Implement improvements for SITF Cycle 2 based on Cycle 1 lessons learned
R804	There is a risk that there could be different interpretations of the Design																													Score remains at 20	<ol style="list-style-type: none"> The design team are actively involved in the triage of defects (daily defect management calls) during SIT to help to mitigate different interpretations of the design, whilst avoiding unnecessary design change
R670	There is a risk that software / service provider SIT blockers may impact multiple suppliers SIT readiness and completion																													Score remains at 12	<ol style="list-style-type: none"> MHHS to ensure we understand the provider ecospheres that support suppliers and thereby identify overall risks to the MVC and to the contingency assumed - SIT pairings now cohorts Specifically monitor blockers through FTIG and PPC bilateral meetings SIT cohorts (was pairings) identify the key PPs (i.e. MVC) for SIT and migration. Progress reported weekly at FTIG. Bilaterals requested by some PPs to discuss
R890	There is a risk that IR7.3, may not be assessed, designed, regression tested and implemented into SITA and SITB Test Environments by SIT Participants ahead of the target date of 10-June.																													New item	<ol style="list-style-type: none"> Coordinate and manage Participants IR7.3 Impact Assessments Assess impact of starting SIT Migration and SIT Settlement Testing IR7.2 Assess the impact of Helix operating on IR7.2 whilst other PPs are operating on IR7.3 for initial parts of Settlement Testing All PPs have confirmed they can support a IR7.3 build by 10-June

Key	
I	Initial Score
C	Current Score
T	Target Score

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

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

Theme	Summary	Mitigation Approach Overview	RAG Status	
Risks to SIT Functional Execution	The theme explores the factors which may affect the Programme being able to complete SIT Functional within the planned duration	<ul style="list-style-type: none"> Continuous monitoring of the MVC (through SIT CIT) to ensure that the MVC remains viable Maintenance of pairing relationships via go-live cohorts, to enable better programme decisions based on risks / clarity on ways of working that enable SIT parties to work effectively, transparent and fairly with the programme to complete SIT in an optimum way 	Previous RAG	Yellow (8 items)
			Current RAG	Yellow (13 items)

Key Risks

Risk ID	Risk Description	Risk Score Assessment																				Current score movement since last PSG	Mitigation Plan										
		Critical					High					Medium					Low																
		30	29	28	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11			10	9	8	7	6	5	4	3	2	1
R849	There is a risk, raised by some Participants in SITWG, FTIG, SITAG and NFTWG that the delivery of SIT Functional Tests are more difficult than expected, exacerbated by late delivery of Documentation along with the upcoming (as defined in CR022) concurrent SIT Test Stage execution activities, resulting in some Participants under increased pressure to deliver at the pace required.																															Score remains at 18	<ol style="list-style-type: none"> Programme to discuss bilaterally with Participants that directly raised the concerns to establish any improvements that can assist Programme to monitor throughout and continue to listen to Participants Participants to raise directly with Programme if stresses become blocking issues Programme has reviewed progress and is continuing to have discussions with IPA Retrospective with industry on 29-May to look at lessons learned and take appropriate actions from Cycle 1 (improvements to be made).

Key	
I	Initial Score
C	Current Score
T	Target Score

Risk theme 2: SIT Migration Readiness

RAID (3 of 9)
Updated to 29/05/2024

Theme	Summary	Mitigation Approach Overview	RAG Status	
SIT Migration Readiness	The theme explores the factors that could impact the Programme being ready to start SIT Migration	<ul style="list-style-type: none"> PP Bilaterals enable ongoing monitoring and will allow the Programme to identify early if there are any PP's that are at risk of being unable to start SIT Migration Discussions with DCC to ensure clarity regarding CSS support for reverse migration activities. 	Previous RAG	Amber (3 items)
			Current RAG	Amber (4 items)

Risk ID	Risk Description	Key Risks																	Current score movement since last PSG	Mitigation Plan													
		Risk Score Assessment																															
		Critical					High					Medium					Low																
		30	29	28	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1		
R830	There is a risk that PPs will not be ready to start SIT Migration																														Score remains at 16	1. This has been discussed with specific PPs in their bilaterals and will continue to be monitored closely. SIT Team will look at contingency planning to see if we can accommodate some later entry.	
R837	There is a risk that following the production of test cases, DCC will have to play more of an active role than previously thought in migration testing.																														Score has reduced from 14 to 8	<ol style="list-style-type: none"> Discussions with DCC to agree what support is required from CSS to support reverse migration activities. Test planning will be undertaken to reduce the impact on DCC resources, meaning DCC involvement in test initiation will be limited to a set number of days in the migration test phase. Agreed plan established with DCC to reduce the current workload which will be agreed in June prior to reverse migration starting in late July 2024 	
R838	There is a risk that Rec Co might not be able to support the proposed use of Rec Co test MP ID's																														Score has reduced from 14 to 8	<ol style="list-style-type: none"> Agreement with RECCo that their DTS gateway can be used for the purposes of migration testing Agreement with RECCo on the approach which has been communicated to SIT Participants. 	
R903	There is a risk to SIT Migration starting on time due to incomplete Testing Dependencies, from SIT Functional Cycle 1 (three CoA and four CoS tests)																														New item	1. Prioritise execution of the three CoA and four CoS SIT Functional Tests in Cycle 1	

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

RAID (4 of 9)
Updated to 29/05/2024

Theme	Summary	Mitigation Approach Overview	RAG Status	
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. 	Previous RAG	New slide
			Current RAG	Yellow (6 items)

Key Risks																															
Risk ID	Risk Description	Risk Score Assessment																												Current score movement since last PSG	Mitigation Plan
		Critical							High							Medium							Low								
		30	29	28	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3		
R919	There is a risk that the deferment of the SITAG's approval of the SIT Non-Functional Test Approach and Plan could impact readiness activities for SIT and Qualification Non-Functional Testing	[Red]							[Yellow]							[Green]								1. Close out and validate the tooling assumptions needing to enable the reposition of document with SITAG							
R753	There is a risk that if the MHHS Service Design and Service Transition are not completed at pace, the required service management processes will not be ready to test within the SIT Operational testing phase in October 2024.	[Red]							[Yellow]							[Green]								1. Detailed Service Design document produced by Elexon and under review with key stakeholders. On track for wider industry socialisation through Transition & Operational Readiness Working Group (TORWG) in early June. 2. Software provider selected for ServiceNow implementation- awaiting detailed plan from Elexon to confirm whether timescales for Operational Testing can be achieved.							

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

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

Key	
	Initial Score
	Current Score
	Target Score

Risk Theme 4: Risks to Qualification success (Page 1 of 2)

RAID (5 of 9)
Updated to 29/05/2024

Theme	Summary	Mitigation Approach Overview	RAG Status	
Risks to Qualification Success	Code Bodies are accountable for Qualification for all relevant PPs. Industry participants have raised a risk 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. Participants have submitted their PQS and PIT plans which are being reviewed 	Previous RAG	Amber (18 items)
			Current RAG	Amber (24 items)

			Key Risks																														
Risk/Issue ID	Risk Description	Risk Score Assessment																							Current score movement since last PSG	Mitigation Plan							
		Critical					High					Medium					Low																
		30	29	28	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8			7	6	5	4	3	2	1
R276	There is risk of Elexon BSC and/or RECCo having limited capacity to manage the volume of Participants going through Qualification testing at any one time																															Score remains at 15	<ol style="list-style-type: none"> Code Bodies are asking PPs to submit a pre-qualification submission which will be used to allocate waves so that the Code Bodies have a view through Qualification and can adjust resourcing levels as needed to support this. Once PQS responses have been received, Code Bodies will review any potential capacity constraints that they may have and make adjustments, where reasonably possible, so as to avoid the need to move non-SIT parties into later Qualification Waves Code Bodies now have a view of the participants wave allocation choice Code Bodies are working with the Non-SIT S&A QT Team and the Qualification Service Providers to ensure that we are resourced accordingly.
R332	Suppliers may require maximum amount of time to complete their DBT, resulting in backlog in final waves of Qualification																															Score remains at 15	<ol style="list-style-type: none"> Initial assessment of Qualification Wave preferences undertaken by PPC. Code Bodies have asked Non-SIT Suppliers and Agents to provide a Pre-Qualification Submission by 26 April. This will provide a view on supplier's plans for Qualification and preferred Qualification Wave. Once this information is received then Code Bodies will review any potential capacity constraints and make adjustments,, to allow them to manage participant's preferred Qualification Wave. This information will also be made available to the Programme so that it can understand the impact of supplier's plans on their Migration start dates.



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

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

Document Classification: Restricted

Key	
I	Initial Score
C	Current Score
T	Target Score

Risk Theme 4: Risks to Qualification success (Page 2 of 2)

RAID (6 of 9)
Updated to 29/05/2024

Theme	Summary	Mitigation Approach Overview	RAG Status	
Risks to Qualification Success	Code Bodies are accountable for Qualification for all relevant PPs. Industry participants have raised a risk 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. Participants have submitted their PQS and PIT plans which are being reviewed 	Previous RAG	Amber (18 items)
			Current RAG	Amber (24 items)

Key Risks																																			
Risk/Issue ID	Risk Description	Risk Score Assessment																												Current score movement since last PSG	Mitigation Plan				
		Critical								High								Medium								Low									
		30	29	28	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3			2	1		
R532	There is a risk that SIT participants will need to execute additional Qualification Testing to qualify	Red								Yellow								Green								Score increased from 17 to 18 for proximity	<ol style="list-style-type: none"> Code Bodies have sent Batch 2 of test cases. SI Test team have activities agreed to review. Code Bodies have sent set of potential requirement coverage gaps to SI Test team. This will be reviewed once ADO enhanced with traceability automation. Programme has sent request to Code Bodies to clarify PIT approach to mitigate this risk. Further discussion required between Programme SIT team, Non-SIT LDSO team and Code Bodies to mitigate this risk for SSEN and BUUK. 								
R695	Code Bodies will not be ready to complete Supplier and Agent Qualification in time for waves (time)	Red								Yellow								Green								Score remains at 15	<ol style="list-style-type: none"> Code Bodies have published qualification document that sets out a clear plan for required activities and associated documentation on qualification requirements (e.g. QA&P v2 (including Annex 1 and 2 on testing approach), QAD v1 and REC and BSC assessment criteria Dates from the approved QA&Pv2 to be included in the Programme Plan via CR47 and CR48 and Code Body activity is currently tracking to these dates. Code Bodies reporting progress on Qualification activities to MHHS Programme (inc PSG, QAG and Programme Project Board). Detailed plan being developed by Code Bodies and shared with MHHS Programme for review. 								

Key	
I	Initial Score
C	Current Score
T	Target Score

Risk Theme 5: Commencing and completing Migration successfully

RAID (7 of 9)
Updated to 29/05/2024

Theme	Summary	Mitigation Approach Overview	RAG Status	
Commencing and completing Migration successfully	The theme explores the factors which may affect the Programme meeting M10 / M11 and completing Migration and how the Programme is planning to mitigate these to stop these risks from converting into issues	<ul style="list-style-type: none"> Some of the existing risk factors around M10 / M11 will be mitigated by the findings throughout SIT Testing, which will evaluate assumptions, highlight to the Programme the areas which require attention and allow the Programme enough time to make the changes necessary for M10 / M11 success The Migration Design, the Migration Cutover & Data Strategy, the Data Cleanse Plan, the Migration Thresholds Document and ongoing Code Drafting will provide Participants necessary materials to prepare for M10 / M11 	Previous RAG	Yellow (37 Items)
			Current RAG	Yellow (34 Items)

			Key Risks																													
Risk ID	Risk Description	Risk Score Assessment																												Current score movement since last PSG	Mitigation Plan	
		Critical							High							Medium							Low									
		30	29	28	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3			2
R663	There is a risk that those large Supplier Agents, who support multiple large Suppliers, will not be able to support planned migration volumes due to operational or technical constraints	Red							Yellow							Green							Green							Score remains at 14	<ol style="list-style-type: none"> Large Agents have invested in infrastructure (e.g. IT hardware and operating systems) capable of supporting NFR volumes. Large Agents have operational plans and resources in place to manage migration volumes. Suppliers have commercial contingencies in place to manage performance issues of Large Agents. SRO will perform oversight over when validating supplier plans. 	
R488	There is a risk that a significant volume of export MPANs created within Programme transition timescales will impact the ability of suppliers and DNOs to deliver Programme Migration	Red							Yellow							Green							Green							Score remains at 13	<ol style="list-style-type: none"> Programme to engage Ofgem to clarify what existing obligations mean for Programme and Parties Licence consultation closed on 13-Mar-24. Await findings to ascertain way forward The Programme's recommendation to Ofgem is that Bulk creation of Export MPANs is not undertaken until MHHS Migration is completed 	
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	Red							Yellow							Green							Green							Score remains at 16	<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. 	
R677	There is a risk that performance testing of the migration functionality within MPRS identifies an issue that cannot be resolved in time for SIT and non-SIT LDSO Non-Functional Testing. Risk is that LDSOs cannot meet migration thresholds. LDSOs need to carry out performance testing with their service providers i.e. SCS	Red							Yellow							Green							Green							Score remains at 12	<ol style="list-style-type: none"> Relaxation of the 60-minute SLA for LDSOs to process all migration messages during the migration period was approved 20-Nov-23 TMAG with the approval of the Migration Thresholds Document. SCS advised Performance Testing was completed on 16-Feb and currently awaiting feedback. SCS confirmed their performance testing achieved the Thresholds as per the Thresholds document, this was confirmed on 01-Mar-24. Assessing SIT and QT testing criteria for performance testing 	
R828	There is a risk that Suppliers initiate more migrations than planned, or exceed the Threshold volumes	Red							Yellow							Green							Green							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. 	

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

RAID (8 of 9)
Updated to 29/05/2024

Theme	Summary	Mitigation Approach Overview	RAG Status	
Readiness and Prep for Technical Go-Live	This theme explores the risks to Central Systems being ready to operate within the new MHHS arrangements at M10. It looks at the activities that need to be completed for Participants to successfully operate within the new arrangements.	<ul style="list-style-type: none"> Service Management Strategy has been signed off, enabling Elexon to progress with the detailed Service Design Data Cleanse Plan has been developed and circulated, ongoing support and assurance provided by the Programme to ensure progress is being made by participants. Continuous monitoring of risks through discussion in the DCWG and TORWG 	Previous RAG	Yellow (12 items)
			Current RAG	Yellow (9 items)

Key Risks																																
Risk ID	Risk Description	Risk Score Assessment																												Current score movement since last PSG	Mitigation Plan	
		Critical						High						Medium						Low												
		30	29	28	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3			2
R839	There is a risk that Core Capability Providers will not be ready to Go-Live by M10																														Score remains at 12	1. Programme assurance of Central Services Readiness activities, key deliverables and requirements identified in the cutover plan. This is dependent on Central Services completing SIT. 2. Acceptance Criteria for M10 have been defined in the Cutover Plan and these will be used to monitor, track and assure CCP readiness for M10.
R427	There is a risk that new MHHS data won't be populated prior to M10. Failure to populate the data for each MPAN will impact migration																														Score remains at 10	1. Individual participants fulfilling their objectives in the Data Cleanse Plan. 2. Programme to monitor and assure progress by participants vs the Data Cleanse Plan through the DCWG.
R916	There is a risk that one or some of the Cutover activities that are due to take place over the weekend between 07/03/25 and 10/03/25 do not take place successfully																														New item	1. Programme to develop participant declaration requirements through TORWG.
R917	There is a risk that some of the declaration requirements from participants are not received in time for the relevant governance meetings.																														New item	1. Programme to develop participant declaration requirements through TORWG.
R900	There is a risk that there is insufficient time for Service Activation for LDSOs between the completion of LDSO Qualification and M10																														New item	1. Including LDSO Qualification activities in the Programme Plan has highlighted this risk. Service Activation process is currently being reviewed to identify any potential issues and agree actions to mitigate.

Key	
I	Initial Score
C	Current Score
T	Target Score

Risk theme 7: Early Life Risks

Theme	Summary	Mitigation Approach Overview	RAG Status	
Early Life Risks	This theme explores risks during the period immediately following the go-live of the MHHS arrangements(M10) and during the early stages of the MHHS Migration period (post M11/M12).	<ul style="list-style-type: none"> Early Life Support Model is being developed. This will set out the ramp up criteria that will be needed to be met for the number of migrations to be increased. Programme to monitor and assure progress by participants vs the Data Cleanse Plan through the DCWG 	Previous RAG	New slide
			Current RAG	Yellow (5 items)

Key Risks

Risk ID	Risk Description	Risk Score Assessment															Current score movement since last PSG	Mitigation Plan																	
		Critical					High					Medium							Low																
		30	29	28	27	26	25	24	23	22	21	20	19	18	17	16			15	14	13	12	11	10	9	8	7	6	5	4	3	2	1		
R828	There is a risk that Suppliers initiate more migrations than planned, or exceed the Threshold volumes																																	1. 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.	
R745	There is a risk that Post M11, that migration is ramped up too quickly before performance has indicated the number of migrations can be ramped up.																																		1. Early Life Support Model is being developed. This will set out the ramp up criteria that will be needed to be met for the number of migrations to be increased.
R427	There is a risk that new MHHS data won't be populated prior to M10. Failure to populate the data for each MPAN will impact migration and MHHS Operations.																																		1. Individual participants fulfilling their objectives in the Data Cleanse Plan 2. Programme to monitor and assure progress by participants vs the Data Cleanse Plan through the DCWG
R439	There is a risk that legacy Agents and Suppliers operating MPANs do not make required changes to their existing business processes and Services to support Migration (within the legacy arrangements)																																		1. Codies Bodies have asked PP's for plans within their PQS and ask for Management Assertion confirming the changes have been implemented. Elexon to send out Assurance Information Request in Nov-24 regarding the plans and how far PP's have got. 2. Comms to be produced by the PPC Team to outline the Assurance being conducted by Code Bodies.

Key	
I	Initial Score
C	Current Score
T	Target Score

SIT Stage Statuses (23-May-24)

Test Stage	RAG	Comment
CIT		SITAG approved the CIT completion report 11-Mar-24
Functional		Cycle 1 test execution commenced as planned on 11-Mar-24 and finished 24-May-24 Overall progress is slower than expected, improvements for future cycles being made Retrospective session with Industry test managers 29-May Preparation under way for Cycle 2 inc Settlements - starts 10-Jun-24
Migration		Test execution commences: 10-Jun-24 in SITA Test Environment Test Approach (plus associated Test Data) Approach and Plans: approved Dec TMAG Test Scenarios & Test Cases: all themes approved by SITAG (Mar & Apr 2024). 2 work off items approved at May SITAG All PP Test artefacts received and reviewed, awaiting clarification on 4 Assurance in progress Data on track Placing reliance submissions received and shared with Code Bodies PIT completion 10-May, a number of parties will be later than this with new dates before 10-Jun except 1 party who are forecasting 12-Jul Note – Migration Design complete and follows existing Business Processes with relevant deviations to enact migration. Migration Testing will therefore follow SIT Functional Testing with relevant deviations
Non-Functional		Test execution commences: 02-Sep-24 Test Approach and Data (plus associated Test Data): Test Data Approach and Plan Approved May SITAG, Test Approach and Plan, removed from May SITAG Agenda. Document requires validation against Tooling Assumptions Phase 2 Tooling assumptions being verified with industry Test Scenarios & Test Cases: Theme 1 – Forecast for SITAG Approval 19-Jun Theme 2 – Forecast for SITAG Approval 17-Jul Theme 3 – Forecast for SITAG Approval 17-Jul
Operational		Test execution commences: 07-Oct-24 Test Approach and Data (plus associated Test Data): Approved at 15-May SITAG Test Scenarios & Test Cases: Delivery plans approved at April SITAG, first workshop held Theme 1 – Forecast for SITAG Approval 17-Jul Theme 2 – Forecast for SITAG Approval 17-Jul Theme 3 – Forecast for SITAG Approval 21-Aug

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

SIT – MVC Status (as of 29-May-24)

Ready

Expected to be ready

Expected to be ready if risk mitigation is successful

Unlikely to be ready

SIT Participants Constituency	Number of PPs confirmed for SIT (FTIG attendees)	Market Roles	Number of Market Roles required for SIT MVC	Number of Market Roles confirmed for SIT	Names of Participants (RAG – Green = confirmed, Black = TBC)
Supplier / Independent Agent	17	Advanced Data Services	2	9	Callisto, Energy Assets ,IMServ, Itron, Kraken Data Services, npower Business Solutions, SMS, Stark, TMA
		Smart Data Services	2	6	Callisto, IMServ, Kraken Data Services, SMS, Stark, TMA
		Metering Services Advanced	2	11	British Gas, Callisto, EdF, Energy Assets, E.ON UK Energy Solutions, IMServ, npower Business Solutions, Octopus Energy Services, SMS, Stark, Utilita
		Metering Services Smart	2	11	British Gas, Callisto, EdF, Energy Assets, E.ON UK Energy Solutions, IMServ, Octopus Energy Services, OVO, SMS, Stark, Utilita
		UMSDS	2	2	Power Data Associates, Tym Huckin Ltd
		HHDC	1	1	Callisto
		HHMOp	1	2	Callisto, npower Business Solutions
		NHHDC	1	1	Callisto
		NHHMOp	1	2	Callisto, E.ON UK Energy Solutions
Large, Medium, Small, I&C Supplier	8	Suppliers	2	8	British Gas, E, Edgware, E.ON Next, Octopus, Rebel Energy, Unify Energy, Utilita
DNO, iDNO, LDSO	2	Network Operations	1	2	BUUK, SSEN
		UMSO	1	2	BUUK, SSEN
Managed Service Providers	8		n/a	n/a	C&C, ENSEK, ESG, Kraken, SeaGlass, Utiliteam, Wheatley
National Grid (ESO)	1		1	1	National Grid (ESO)

Look Ahead – Key Milestones Status at 29-May-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 ID	Forum	Milestone Title	Baseline Date	Forecast Date	Responsible	Previous RAG 22/05/24	Current RAG 29/05/24	Forecast RAG 05/06/24	Commentary
T3-TE-0067	QAG	E2E Sandbox Guidance approved	Fri 04/08/23	Fri 18/07/24	SI Test	Red	Red	Red	Draft approach and plan view on Sandbox Guidance presented and discussed at QWG on 14th May. Proposed E2E Sandbox Guidance sign off 18th July QAG
T3-DB-0146	SITAG	All SIT Migration RTTMs MHHS Reviews Completed	Thu 18/04/24	Thu 18/04/24	SI Test	Red	Blue	Grey	
T3-DB-0148	SITAG	All SIT Migration Test scenarios MHHS Reviews Completed	Thu 18/04/24	Thu 18/04/24	SI Test	Red	Blue	Grey	
T3-TE-0033	SITAG	SIT Participants' SIT B environments ready to start connectivity proving (incl. certificates and security compliance)	Fri 03/05/24	Fri 03/05/24	SI Test	Red	Red	Red	1 will complete in time for the start of test execution. Weekly engagement with the PP
T3-DB-0151	SITAG	SIT Non-Functional PIT Test Approach & Plan (PIT) submitted to Programme for assurance	Fri 10/05/24	Fri 10/05/24	PP	Red	Red	Red	18/34 received
T3-DB-0149	SITAG	All SIT Migration PIT Completion Reports submitted to Programme for assurance	Fri 10/05/24	Fri 10/05/24	PP	Red	Red	Red	24/34 received. Small number of PPs will be PIT complete late, but before SIT migration. 1 PP will be post-SIT Migration start
T3-TE-0026	SITAG	SIT Non-Functional Testing Test Approach & Plan approved	Wed 15/05/24	Wed 15/05/24	SI Test	Red	Red	Red	Deferred from May SITAG Approval - Working Assumptions require further validation
T3-QU-0074	QAG (Non-SIT LDSO)	Non-SIT LDSO QT Test Data Plan Approved by QAG	Thu 16/05/24	Thu 23/05/24	Code Bodies	Red	Blue	Grey	
T3-QU-0072	QAG (Non-SIT LDSO)	Test Scenarios & Cases - Migration - Approved at QAG	Thu 23/05/24	Thu 23/05/24	Non-SIT LDSO	Green	Blue	Grey	
T3-QU-0089	QAG	QAG Approval of Non-SIT S&A Test Approach and Plan	Thu 23/05/24	Thu 23/05/24	Non-SIT S&A QT Test Team	Grey	Blue	Grey	
T3-QU-0072	QAG (Non-SIT LDSO)	Test Scenarios & Cases - Migration - Approved at QAG	Thu 23/05/24	Thu 23/05/24	Non-SIT LDSO	Green	Blue	Grey	
T3-QU-0092	QAG	QAG Approval of QT Functional Test Scenarios and Test Cases Batches 1 and 2	Thu 23/05/24	Thu 23/05/24	Non-SIT S&A QT Test Team	Grey	Blue	Grey	

Look Ahead – Key Milestones Status at 29-May-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 ID	Forum	Milestone Title	Baseline Date	Forecast Date	Responsible	Previous RAG 22/05/24	Current RAG 29/05/24	Forecast RAG 05/06/24	Commentary
T3-DB-0150	SITAG	All SIT Migration PIT Completion Reports MHHS Review Completed	Fri 24/05/24	Fri 24/05/24	SI Test	Red	Red	Red	Won't deliver to forecast because of late delivery of by some PPs of PIT completion report
T3-QU-0090	QAG	BSC & REC PAB Approval of Non-SIT S&A Test Approach and Plan	Thu 30/05/24	Thu 30/05/24	Code Bodies	Grey	Green	Blue	
T3-DB-0153	SITAG	SIT Non-Functional PIT RTTM submitted to Programme for assurance	Thu 30/05/24	Thu 30/05/24	PP	Green	Green	Blue	
T3-DB-0155	SITAG	SIT Non-Functional PIT test scenarios submitted to Programme for assurance	Thu 30/05/24	Thu 30/05/24	PP	Green	Green	Blue	
T3-TE-0080	SITAG	Cycle 2 - PP's confirmation that test data is ready for SIT Functional	Fri 31/05/24	Fri 31/05/24	SI Test Data	Green	Green	Blue	
T2-TE-0650	SITAG	SIT Migration Testing Preparation Complete	Mon 03/06/24	Mon 03/06/24	SI Test	Green	Yellow	Blue	At risk because subject to SITAG agreement on work-off items
T3-MI-0023	MCAG	MCAG Approval of M10/M11 Cut-over Plan	Tue 04/06/24	Tue 04/06/24	SI Transition	Green	Green	Blue	
T3-TE-0038	SITAG	SIT Migration Testing Start	Mon 10/06/24	Mon 10/06/24	SI Test	Green	Yellow	Yellow	At risk because dependant on prioritised SIT F CoA tests
T3-DB-0159	SITAG	SIT Operational PIT Test Approach & Plan (PIT) submitted to Programme for assurance	Fri 14/06/24	Fri 14/06/24	PP	Green	Green	Green	
T3-QU-0110	QAG (Non-SIT LDSO)	QAG Approval for Operational, Non-Functional & Migration Annexes of Approach & Plan	Fri 14/06/24	Fri 14/06/24	Code Bodies	Grey	Green	Green	
T3-QU-0075	QAG (Non-SIT LDSO)	PIT Test Approach & Plan Deadline for Submission for Non-SIT LDSO QT	Fri 14/06/24	Fri 14/06/24	Non-SIT LDSO	Green	Green	Green	
T3-QU-0112	QAG (Non-SIT LDSO)	Test Data Cut Complete	Mon 17/06/24	Mon 17/06/24	PP, Non-SIT LDSO	Grey	Green	Green	



Document Classification: Restricted – document to be shared with FTIG members only

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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Look Ahead – Key Milestones Status at 29-May-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 ID	Forum	Milestone Title	Baseline Date	Forecast Date	Responsible	Previous RAG 22/05/24	Current RAG 29/05/24	Forecast RAG 05/06/24	Commentary
T3-TE-0092	SITAG	Environment Approach and Plan - SIT Non Functional	Wed 19/06/24	Wed 19/06/24	SI Test	Green	Green	Green	
T3-TE-0114	SITAG	SIT NFT Scenarios & Test Cases Approved - Theme 1	Wed 19/06/24	Wed 19/06/24	SI Test	Yellow	Yellow	Yellow	At risk because deferment of NF test approach and plan
T3-QU-0077	QAG (Non-SIT LDSO)	PP Test Scope Approved at QAG	Thu 20/06/24	Thu 18/07/24	Non-SIT LDSO	Yellow	Red	Red	There are still issues outstanding that will prevent the approval of the update to Annex 1 QAP. To go to 20/6 QAG for date change and name change to PP Test Scope presented at QAG
T3-DB-0183	SITAG	DIP Simulator uplifted to align with Interim Release 8	Fri 21/06/24	Fri 21/06/24	SI DevOps	Green	Green	Green	
T3-QU-0012	QAG	Confirmation of participant Qualification Wave allocation	Fri 28/06/24	Fri 28/06/24	Code Bodies	Green	Green	Green	
T3-DB-0152	SITAG	SIT Non-Functional Test approach and plan MHHS Review Completed	Thu 04/07/24	Thu 04/07/24	SI Test	Green	Green	Green	
T3-DB-0161	SITAG	SIT Operational PIT RTTM submitted to Programme for assurance	Thu 04/07/24	Thu 04/07/24	PP	Green	Green	Green	
T3-DB-0163	SITAG	SIT Operational PIT test scenarios submitted to Programme for assurance	Thu 04/07/24	Thu 04/07/24	PP	Green	Green	Green	
T3-DB-0154	SITAG	SIT Non-Functional RTTM MHHS Review Completed	Thu 11/07/24	Thu 11/07/24	SI Test	Green	Green	Green	
T3-DB-0156	SITAG	SIT Non-Functional Test scenarios MHHS Review Completed	Thu 11/07/24	Thu 11/07/24	SI Test	Green	Green	Green	
T3-TE-0120	SITAG/QAG	Environment Approach and Plan - S and A Testing	Wed 17/07/24	Wed 17/07/24	SI Test	Green	Green	Green	
T3-TE-0115	SITAG	SIT NFT Scenarios & Test Cases Approved - Theme 2	Wed 17/07/24	Wed 17/07/24	SI Test	Yellow	Yellow	Yellow	At risk because deferment of NF test approach and plan

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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Look Ahead – Key Milestones Status at 29-May-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 ID	Forum	Milestone Title	Baseline Date	Forecast Date	Responsible	Previous RAG 22/05/24	Current RAG 29/05/24	Forecast RAG 05/06/24	Commentary
T3-TE-0114	SITAG	SIT NFT Scenarios & Test Cases Approved - Theme 3	Wed 17/07/24	Wed 17/07/24	SI Test	Yellow	Yellow	Yellow	At risk because deferment of NF test approach and plan
T3-TE-0117	SITAG	SIT Operational Scenarios & Test Cases Approved - Theme 1	Wed 17/07/24	Wed 17/07/24	SI Test	Green	Green	Green	
T3-TE-0118	SITAG	SIT Operational Scenarios & Test Cases Approved - Theme 2	Wed 17/07/24	Wed 17/07/24	SI Test	Green	Green	Green	
T3-QU-0111	QAG (Non-SIT LDSO)	Agree Test Execution Timetable Format at QAG, Including Anonymisation Requirements	Thu 18/07/24	Thu 18/07/24	Code Bodies	Grey	Green	Green	
T3-QU-0071	QAG (Non-SIT LDSO)	Test Scenarios & Cases - Non-Functional - Approved at QAG	Thu 18/07/24	Thu 18/07/24	Non-SIT LDSO	Yellow	Yellow	Yellow	At risk because Non-functional testing still subject to discussion at approach level
T3-QU-0073	QAG (Non-SIT LDSO)	Test Scenarios & Cases - Operational - Approved at QAG	Thu 18/07/24	Thu 18/07/24	Non-SIT LDSO	Green	Green	Green	
T3-QU-0081	QAG	QAG Approval of Qualification Approach and Plan v3	Thu 18/07/24	Thu 18/07/24	Code Bodies	Grey	Yellow	Green	At risk because of delay to approval of SIT non-functional approach. Scope unclear for non-functional testing in qualification. Work closely with SIT team to re-plan
T3-QU-0091	QAG	QAG Approval of QT Test Data Approach and Plan	Thu 18/07/24	Thu 18/07/24	Non-SIT S&A QT Test Team	Green	Green	Green	
TBC	QAG	QAG Approval of QT Migration Test Scenarios and Test Cases Batches 1	Thu 18/07/24	Thu 18/07/24		Grey	Grey	Grey	Proposed new milestone to go to 20/6 QAG
T3-QU-0114	QAG (Non-SIT LDSO)	Test Plan Submission to MHHS Programme For Review	Fri 26/07/24	Fri 26/07/24	LDSO	Grey	Green	Green	
T3-QU-0116	QAG (Non-SIT LDSO)	Interim Test Readiness Report Submission to MHHS Programme for Review	Fri 26/07/24	Fri 26/07/24	LDSO	Grey	Green	Green	
T3-QU-0065	QAG	Non-Functional Testing elements of Qualification Approach and Plan v3 approved by REC PAB and BSC PAB	Tue 30/07/24	Tue 30/07/24	Code Bodies	Red	Yellow	Yellow	At risk because of delay to approval of SIT Non Functional approach. Scope unclear for non-functional testing in qualification. Work closely with SIT team to re-plan
T3-MI-0033	MCAG	MCAG Approval of Early Life Support Model	Tue 30/07/24	Tue 30/07/24	SI Transition	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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Workstream	Progress	Next steps		
		What	Owner	By When
Design	<p>Design queries</p> <ul style="list-style-type: none"> The volume of outstanding calls has increased slightly reflecting engagement from Non-SIT participants Average response times in for the previous period for closed tickets remains at approx.' 1wd with resolution times at approx.' 2.5wd Support for design are testing defect triaging remains a focus within the team. Interim Release 8 and 7.3 were successfully published in the last period. We have agreed the content of an IR8.1 design publication for the 12-Jun-24, its focus will be addressing only those errors that have a high impact of affecting testing. Work has started ahead of plan on the design handover plan, primarily to highlight dependencies on BAU teams. 	Continue to answer queries and monitor levels, the nature of the call is moving to testing and data related queries	MHHS	Ongoing
Testing	<p>Placing Reliance</p> <ul style="list-style-type: none"> SIT Functional – Placing Reliance Proposals, review completed SIT Migration – Placing Reliance Proposals, review completed (no change, no actions) 			
Testing	<p>Testing documentation in progress/published in last month:</p> <ul style="list-style-type: none"> SIT Migration Theme 2 & 3 Work Off, achieved 15-May SITAG Approval SIT Operational Test Approach and Plan, achieved 15-May SITAG Approval SIT Non-Functional Test Approach and Plan – deferred from May SITAG whilst test tooling assumptions are validated and the approach reviewed 	SITAG approval	MHHS	Jun-24
Testing	<p>Test Data</p> <ul style="list-style-type: none"> Cycle 2 - Settlement test data – Shared with Participants Cycle 2 – Import/Export MPANS – Shared with Participants Migration test data – Shared with Participants 	<p>Data loaded to Cohort SFTP sites</p> <p>Data loaded to Cohort SFTP sites</p> <p>Data loaded to Cohort SFTP sites</p>	<p>MHHS</p> <p>MHHS</p> <p>MHHS</p>	<p>28-May-24</p> <p>28-May-24</p> <p>28-May-24</p>
Sims & Ems	<ul style="list-style-type: none"> Successfully delivered IR7.3 uplift to DIP Simulator on 17th May Completed 'Vertical Slice' phase of LDSO Test Harness development and commenced 'MVP' phase. Resolved DIP connectivity risk and completed onboarding and testing activities with SIT A 	<p>Complete IR8 and IR8.1 DIP Simulator uplifts</p> <p>Progress 'MVP' phase of LDSO Test Harness development</p>	<p>MHHS</p> <p>MHHS</p>	<p>May/June-24</p> <p>June-24</p>
Transition	M10/M11 Cutover Plan consultation and assurance meeting have taken place. MCAG are due to approve on 4 June, the document will then be baselined.	MCAG approval	MHHS	04-Jun-24
Transition	Early Life Support Model Development ongoing	Further thoughts to be brought to the next TORWG	MHHS	Ongoing
Transition	Monitoring of progress on the Data Cleanse Plan	Ongoing	MHHS and SIT Participants	Various (see DC plan)

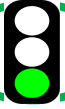
FTIG meetings

- Focus of sessions is on SIT Functional progress and readiness for future SIT stages
- Recent key topics:
 - Analysis on SIT Functional progress & defects raised
 - SIT Migration Preparation readiness
 - Acknowledgement of test execution concerns
 - Process improvements for future cycles
- Continued good engagement from CCPs and PPs
- Open & transparent discussion on the above topics both in FTIG and in associated bilaterals
- Running weekly as requested by participants

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

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

MHHS Programme – Code Workstream Summary



Overall Status

- The Code Drafting Workstream is on track for M6 delivery in August 2024 and lower-level tier 3 milestones are all on track. M7 delivery date is at risk. M8 is on track as starting Code Body activities is not dependent on M7 decision.



May Summary

- Progress Mop-up 2 and consequential code change code artefacts to CDWG for recommendation and CCAG/SRO approval
- Progress Consistency Check activities
- Send Participant Cost PPIR (24 May)



June Deliverables

- Continue to progress Consistency Check activities with a 24 June consultation
- Support Ofgem initial Legal Review of Obligations
- Progress M7 delivery activities
- Support M8 Implementation preparation activities

Mstn Ref	Drafting Milestones	Baseline date	Forecast date	Status
T2-RE-0100	Data Services approved at CCAG	24/05/23	24/05/23	Complete
T2-RE-0150	Metering Services approved at CCAG	24/05/23	24/05/23	Complete
T2-RE-0250	Registration approved at CCAG	23/08/23	23/08/23	Complete
T2-RE-0200	BSC Central Services approved at CCAG	27/09/23	27/09/23	Complete
T3-RE-0300	Governance, Migration and Qualification approved at CCAG	22/11/23	22/11/23	Complete
T3-RE-0350	Transition Text and Interfaces approved at CCAG	24/01/24	24/01/24	Complete
T3-RE-0500	Topic Area Mop Up approved at CCAG	22/05/24	22/05/24	Complete
T3-RE-0500	Consequential Change approved at CCAG	22/05/24	22/05/24	Complete
T3-RE-0550	Finalise and consistency check approved at CCAG	23/08/24	23/08/24	Green
T3-RE-0550	Code changes baselined (M6)	23/08/24	23/08/24	Green
T2-RE-0600	Smart Meters Act powers enabled (M7)	11/11/24	11/12/24	Amber
T2-RE-0650	Code changes delivered (M8)	07/03/25	07/03/25	Green

Governance group updates

Programme Steering Group (PSG)

PSG 01 May 2024
CR047 & CR048: SRO ratified CRs to add/amend Qualification milestones within the Programme Plan following approval by the MHHS Change Board.
CR044 & CR045: PSG received escalations from DAG over challenges with implementation and determined the changes be approved in principle with feasibility of implementing pre-M10 to be determined by Autumn 2024, or transitioned to code governance processes for implementation post-M10.
DBT2 (Consequential Change) Risks
Assessment: IPA recommended assurance is undertaken for participant consequential change related to MHHS that is outside the scope of the Programme (DBT2). Impact assessments would be requested from participants. IPA took an action to consider the governance of any DBT2 assurance.
 PSG papers available [here](#).

System Integration Testing Advisory Group (SITAG)*

SITAG 15 May 2024
 At this meeting, the Senior Responsible Owner (SRO) approved:
The SIT Migration Test Scenarios & Test Cases Theme 2, excluding Industry Standing Data (ISD) updated tests
The SIT Migration Test Scenarios & Test Cases Theme 3, excluding the Theme 3 SIT-M-RM-COS-DfltVal Test Case
The Environments Approach & Plan v2.13 for publication
The addition/removal/renaming or change of baseline due dates of Tier 3 milestones as detailed in the SITAG 17 April 2023 meeting papers.
 SITAG papers available [here](#).

Design Advisory Group (DAG)

DAG 08 May 2024
CR044 & CR045: DAG received updates on the outcome discussions at the PSG, following escalation from the DAG owing to challenges expressed by participants over implementation pre-M10.
CR050: DAG were advised CR050 (*Changes to the MHHS Change Control Approach and From*) would now be issued for full Impact Assessment following Ofgem's decision that the CR should be subject to their approval.
Future DAG meetings: DAG agreed that, owing to the limited content expected for the next meeting, updates should be provided by correspondence and the meeting stood down (subject to there being no substantive items to discuss).
 DAG papers available [here](#).

Qualification Advisory Group (QAG)*

QAG 18 April 2024
Functional Non-SIT LDSO Test Scenarios and Test Cases: SRO approved the Functional Non-SIT LDSO Test Scenarios and Test Cases
Focused Working Group for QT: Chair approved the creation of two new qualification subgroups, the Non-SIT LDSO and Non SIT Supplier & Agent Qualification Testing subgroups
Environments Approach and Plan: The Programme advised there would be further iterations of the document in future to incorporate Supplier & Agent QT and the environments sandbox.
 QAG papers available [here](#)

Cross Code Advisory Group (CCAG)

CCAG 24 April 2024
Horizon Scanning Log: DCUSA provided updates on DCP428. REC provided updates on R0062, R0093, R0098, R0108, R0121 & R0144. No new updates from BSC.
CCAG Reporting & Risks: CCAG is on track for M6 delivery in August 2024. M6 success criteria will be amended and brought back to May's CCAG.
M7/M8 Planning: The approach has been agreed for M7/M8 planning, and activities are ongoing. Further updates to be brought to May CCAG.
Mop-up 2 Consultation Update:
Code Drafting Working Group (CDWG): Presented mop-up 2 consultation update, and consistency check approach.
 CCAG papers available [here](#).

Migration & Cutover Advisory Group (MCAG)*

MCAG 08 May 2024
Migration Control Centre Framework: The Chair, acting with delegated authority of the SRO, approved the MCC Framework Consultation 1 outputs
Programme Milestones: The Chair, acting with delegated authority of the SRO, approved the milestone changes T3-MI-0023 and T3-MI-0033.
Programme Risks: Risk R677 will be continually monitored in the risk section of the MCAG meetings, until it goes away or risk level reduces.
 MCAG papers available [here](#).

Wider Programme Updates

Participant Checklist:

1. REMINDER: Systems Integration Testing (SIT) Non-Functional Test Scenarios & Test Cases: Theme 2 Industry review – the deadline is **today, Wednesday 29 May 2024**
2. REMINDER: Change Request (CR050) issued for Impact Assessment – the deadline is **today, Wednesday 29 May 2024**
3. REMINDER: Non-SIT Licensed Distribution System Operator (LDSO) Requirements to Test Traceability Matrix – the deadline is **Monday 3 June 2024**
4. SIT Functional Test Scenarios and Test Cases: Cycle 2 and Interim Release 7 - the deadline is **Monday 3 June 2024**
5. SIT Operational Industry Review Theme 1 – the deadline is **Tuesday 4 June 2024**
6. Environment Approach & Plan Assurance Review – the deadline is **Tuesday 4 June 2024**
7. Non-SIT LDSO Qualification Testing Approach & Plan Template – the deadline is **Friday 28 June 2024**
8. Ofgem Programme Participant Information Request (PPIR) – the deadline is **Friday 5 July 2024**

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](#).

Upcoming Governance Meetings:

- **Thursday 30 May 2024:** Data Cleanse Working Group (DCWG)
- **Monday 3 June 2024:** [Extraordinary Systems Integration Testing Advisory Group \(eSITAG\)](#)
- **Tuesday 4 June 2024:** Environments and Configuration Working Group (EWG)
- **Tuesday 4 June 2024:** [Migration & Cutover Advisory Group \(MCAG\)](#)
- **Wednesday 5 June 2024:** [Programme Steering Group \(PSG\)](#)
- **Wednesday 5 June 2024:** Migration Working Group (MWG)
- **Wednesday 5 June 2024:** Non-SIT Supplier & Agent Qualification Testing Subgroup (SAQTSG).

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



Testing

- The PPC Team continues to support the Testing team with SIT Functional execution, including the communication of known defects and the dissemination of the daily reports for each Cohort, the Central Parties and the Programme. Participants are showing that they understand the DITL processes and operating in line with Programme expectations.
- The PPC Team is supporting with the coordination and facilitation of the SIT Non-Functional and SIT Operational Test Scenarios & Cases Review Workshops and subsequent industry review windows.
- The PPC Team has coordinated the consultations for the SIT Non-Functional and SIT Operational Test and Test Data Approaches and Plans, which are being taken to SITAG on 15 May for approval.
- **Next Steps:** Continue to support with the industry review periods for SIT Non-Functional and SIT Operational Test Scenarios and Cases, and with Settlement activities.



Qualification

- The Non-SIT LDSO Functional Test Cases and Test Scenarios have been approved at the QAG following participant review and engagement and the Programme have published Non-SIT LDSO Migration Test Cases and Test Scenarios for consultation.
- The Programme have released an updated version of Annex 1 (Non-SIT LDSO Qualification Testing) of the Qualification Approach & Plan for consultation which includes updates to Non-Functional and Operational Qualification Testing.
- Participant engagement has ramped up in the closing weeks of the Pre-Qualification Submission which is due from participants on 26th April. The Code Bodies and the Programme collaborated on additional engagement opportunities with participants to support them with completing their submissions.
- **Next Steps:** facilitate and support Qualification Approach & Plan Annex 1 and Qualification Testing Test Scenarios consultations. Kick-off analysis of Pre-Qualification Submissions to support the Programme with assessing participant readiness for Qualification.



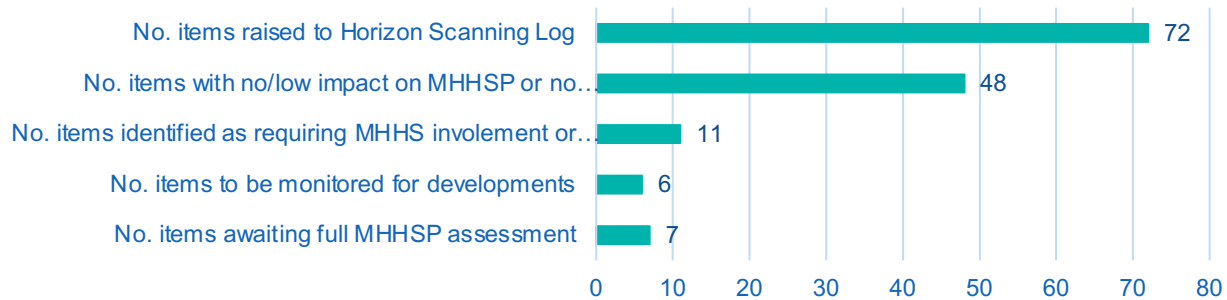
Targeted and Tailored Communications

- The PPC facilitated the 2024 MHHS Open Day on 23 April 2024 focussed on Qualification, Transition and Migration. There were over 200 Programme participants in attendance in-person and virtually.
- Phase 3 of the communication channel improvements is underway with updates to the Collaboration Base and website navigation panes to support participant engagement with SIT, Migration and Transition content.
- **Next steps:** Continue to develop the Open Day agenda for April. Continue the Phase 3 improvements on the Communication Channels.

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

Horizon scanning metrics

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



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

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

Industry code changes: 72 – REC: 38, BSC: 15, DCUSA: 11, SEC: 5, CUSC: 3

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

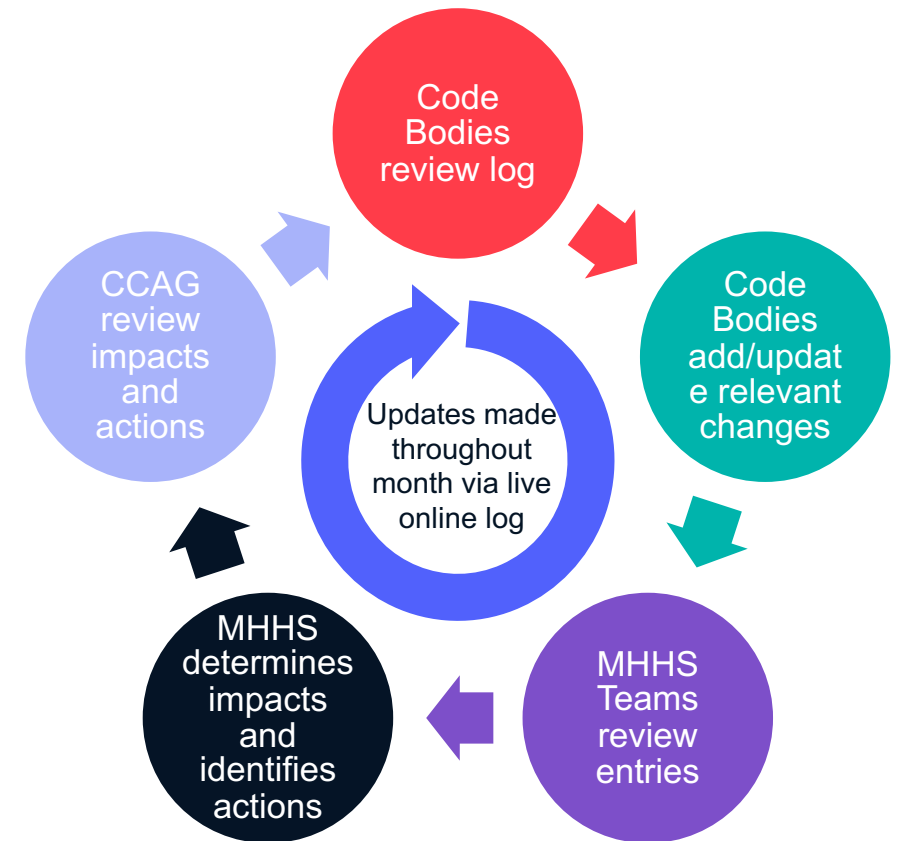
Criticality of horizon scanning items – High: 11, Medium to High: 3, Medium: 3, Low/No impact: 48

Top RAID linked items:

- **SEC MP162** (R0011, R0083, R0113, R0115, R0116, R051, R0182, R0191, D0076, D0077)
- **REC R0032** (D0068, D0069)
- **REC R0044** (D0055)

Horizon Scanning Process

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



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

Assurance Activities in Progress / Completed during month

Theme-Based Assurance

- **Ongoing Embedded Assurance Activities (WP1) - In Progress** - Monthly cadence of regular interactions with MHSP, review of the bilateral reports and RAID log, and actions monitoring. Current focus is to review Programme plans to achieve operational readiness for M10.
- **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** - The review to assess the Separation Plan's operating effectiveness and whether it remains fit-for-purpose for future phases has been completed and key actions agreed with the Programme.

Stage-Based Assurance

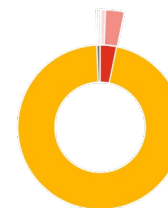
- **Test Assurance (WP9) - "Period 6 (P6)" - In Progress** - Assurance period running to mid July, covering SIT F progress, and SIT Migration readiness. IPA recommendations to mitigate the risk of SIT Functional delay were fed into the Programme and discussed at the FTIG. Assurance focuses on the SIT Migration and will feed the output to LDP, SRO and SIT M decision.
- **Qualification (WP12) - In Progress** - Continued monitoring over preparation activities for Qualification Testing. Sessions held with Code Bodies to discuss on PQS review and wave allocation process.

Upcoming Assurance Activities

- **Consequential Change Risk Assessment (WP14) - In Progress** - Consequential Change Assurance approach is in progress to be finalised due by 31 May, the update on the approach will be provided at the next PSG.

Assurance Action Status

Overall, 155 actions are agreed with the Programme team or Participants to date.



- 149 are **completed**
- 1 is **expired**
- 5 are **in progress**, out of which :

4 are overdue by 1-3 months

1 are within their due date

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

New actions opened	6
Actions completed	4