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# SIT Advisory Group (SITAG) #03

## 17 April 2024

# Agenda

#	Item	Objective	Type	Lead	Time	Page
1	Welcome			Chair	10:00-10:05 5 mins	2
2	Minutes and Actions	Review of headline report and actions of last SITAG	Decision	Programme (PMO)	10:05-10:10 5 mins	3
3	SIT Migration Test scenarios & Test Cases (Themes 2 & 3)	Decision on approval of milestones T3-TE-0111 & T3-TE-0112 (SIT Migration Test Scenarios & Test Cases Approved – Themes 2 & 3)	Decision	Programme (Lee Cox)	10:10-10:25 15 mins	6
4	Environments Approach & Plan	Decision on approval of Environments Approach & Plan v2.13, incorporating non-SIT LDSO qualification test environment architecture	Decision	Programme (Simon Berry)	10:25-10:30 5 mins	10
5	SIT Functional Work-Off Updates	Overview of progress on SIT Functional work-off plans	Information	Programme (Lee Cox)	10:30-10:40 10 mins	14
6	SIT Progress Management Summary	Summary of SIT progress	Information	Programme (Lee Cox)	10:40-10:50 10mins	17
7	SIT Plan on a Page	Overview of latest SIT PoaP	Information	Programme (Lee Cox)	10:50-11:00 10 mins	19
8	SIT Non-Functional Test Scenario and Test Case Delivery Plan	Overview of delivery plan for SIT Non-Functional Test Scenarios and Test Cases, and proposal for amendment to Tier 3 milestones	Information	Programme (Lee Cox)	11:00-11:10 10 mins	22
9	SIT Operational Test Scenario and Test Case Delivery Plan	Overview of delivery plan for SIT Operational Test Scenarios and Test Cases, and proposal for amendment to Tier 3 milestones	Information	Programme (Lee Cox)	11:10-11:20 10 mins	25
10	IPA Updates	Updates from the IPA on test assurance	Information	IPA (Taylor Thorpe)	11:20-11:30 10 mins	28
11	Programme Milestones related to SITAG	Overview of upcoming Programme Milestones related to SITAG and milestone changes for decision	Information / Decision	Programme (PMO)	11:30-11:40 10 mins	30

# Agenda

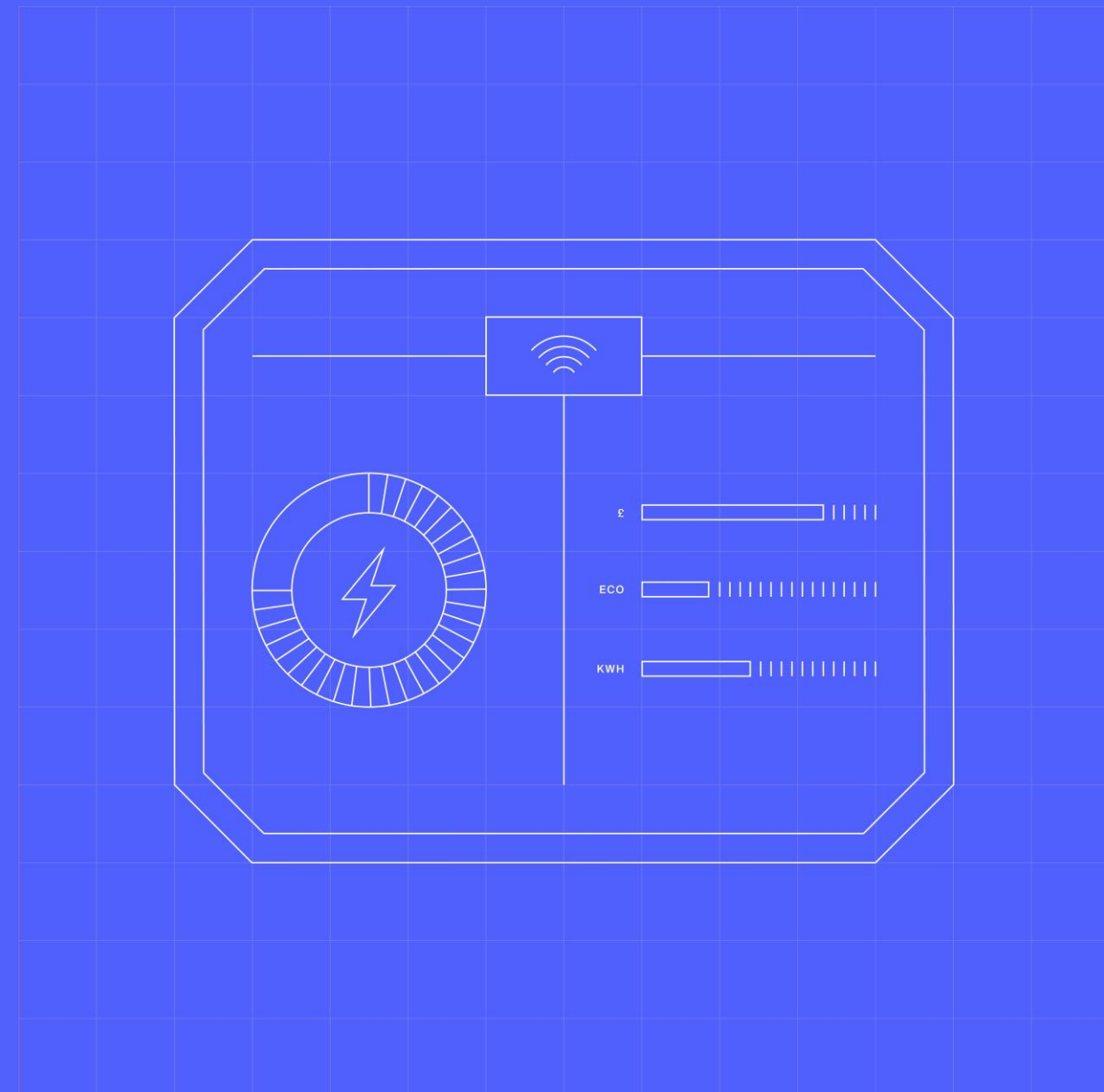
#	Item	Objective	Type	Lead	Time	Page
12	<a href="#">Top Programme Risks related to SITAG</a>	Overview of Programme Risks related to SITAG	Information	Programme (PMO)	11:40-11:45 5 mins	39
13	<a href="#">Programme Updates</a>	Updates from L2/3 governance groups and wider Programme updates	Information	Programme (PMO)	0 mins	43
14	<a href="#">Working Group Report</a>	Updates from Level 4 Working Groups under SITAG: DWG, EWG, NFTWG, and SITWG.	Information	Working group leads	0 mins	45
15	<a href="#">Summary and Next Steps</a>	Summarise actions/decisions and look ahead to the next SITAG	Information	Chair and Secretariat	11:45-11:50 5 mins	48
	<a href="#">Attachments</a>	Attachment 1 – Environments Approach & Plan v2.13 (DRAFT)				

# Minutes and Actions

**DECISION:** Review of minutes and actions of last Testing and Migration Advisory Group (TMAG)

Chair and Secretariat

*5 mins*



## Minutes and Actions Review

1. Approval of Headline Report of [20 March 2024](#) SITAG
2. Review of actions

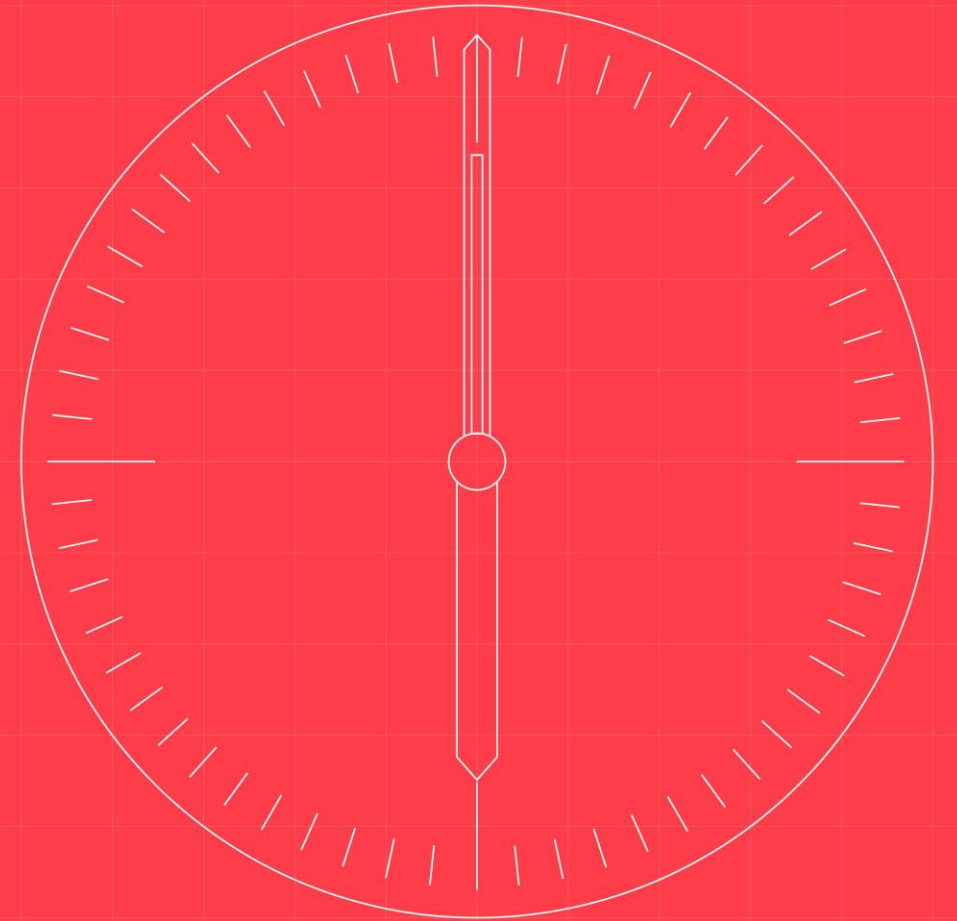
Ref	Action	Owner	Due	Latest Update
SITAG02-01	IPA to consider providing improved visibility of progress on assurance recommendations	IPA (Taylor Thorpe)	17/04/2024	ONGOING: IPA to provide update in meeting.
SITAG02-02	Programme to provide milestone commentary for all 'red' or 'amber' milestones and ensure approval decision are clearly highlighted within the meeting papers with appropriate additional context provided where required	Programme (PMO)	17/04/2024	RECOMMEND CLOSED: Commentaries provided for all red and amber milestones.
SITAG02-03	Programme to provide monthly SIT Functional status update to SITAG including view of any residual or emerging risks	Programme (Lee Cox)	17/04/2024	RECOMMEND CLOSED: Standing agenda item added. See agenda item 6 ( <i>SIT Progress Management Summary</i> )

# SIT Migration Test Scenarios & Test Cases (Theme 2 and Theme 3)

**DECISION:** Decision on approval of milestone T3-TE-0110 (SIT Migration Test Scenarios & Test Cases Approved - Theme 2 and Theme 3)

*Programme (Lee Cox)*

*15 mins*



## SIT Migration Testing – Theme 1 Update – Recommendation for Theme 2 and Theme 3 Approval

- SIT Migration tests have been based on the Migration Design, Migration Test Approach and Business Process design documents.
- We have completed a round of reviews for both Themes 2 & 3.
- During SITWG recommendations were provided for:
  - Theme 2 – Reverse Migration v0.2
  - Theme 3 – Import/Export MPANs & Exception Handling v0.2
- Post SITWG, based upon EES feedback additional minor changes were made for legacy data item interactions between EES and Registration creating a Theme 2 v0.3 Pack. Theme 2 v0.3 was issued to Industry Fri-05-Apr & Mon-08-Apr. Recommendations were also provided for:
  - Theme 2 – Reverse Migration v0.3
- Additionally minor amendments were made, creating a Theme 3 v0.3 Pack
- The programme acknowledged with the SITWG that the SIT Migration Test Approach and Plan includes the scope of an updated ISD following newly qualified Participants. These tests have not been authored yet and do not form part of this recommendation. The test/tests will be drafted and issued ahead of May Working and Advisory Groups. Further, feedback continues to be received from some Participants, proposing enhancements to SIT Migration Test Artefacts. The Programme acknowledges this and will look to address post SITAG, as part of established continuous improvement mechanisms.
- Except for Theme 3 Test Case - SIT-M-RM-COS-DfltVal v0.1, which is not being brought forward for recommendation, SITAG is requested to Approve
  - Theme 2 – Reverse Migration v0.3
  - Theme 3 – Import/Export MPANs & Exception Handling v0.3

Themes for approval can be found on the [Programme Collaboration Base](#).

## Recommendation on T3-TE-0111

The SITAG are requested advise the SRO on whether T3-TE-0111 (SIT Migration Test Scenarios & Test Cases Approved - Theme 2 v0.3) should be approved.

### DECISION

**SRO to approve / reject completion of T3-TE-0111 (SIT Migration Test Scenarios & Test Cases Approved - Theme 2 v0.3)**



## Recommendation on T3-TE-0112

The SITAG are requested advise the SRO on whether T3-TE-0112 (SIT Migration Test Scenarios & Test Cases Approved - Theme 3 v0.3) should be approved.

### DECISION

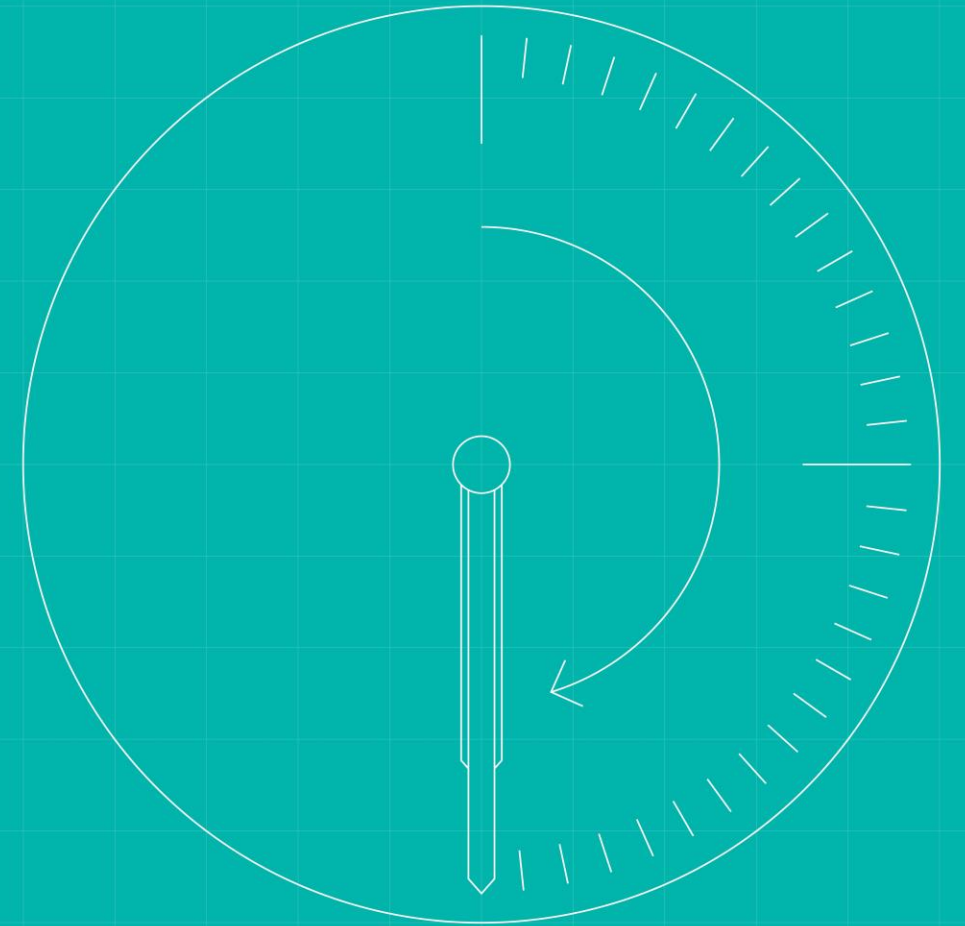
**SRO to approve / reject completion of T3-TE-0112 (SIT Migration Test Scenarios & Test Cases Approved - Theme 3 v0.3)**

# Environments Approach & Plan

**DECISION:** Decision on approval of the Environments Approach & Plan v2.13, incorporating the non-SIT LDSO Qualification test environment architecture

*Programme (Simon Berry)*

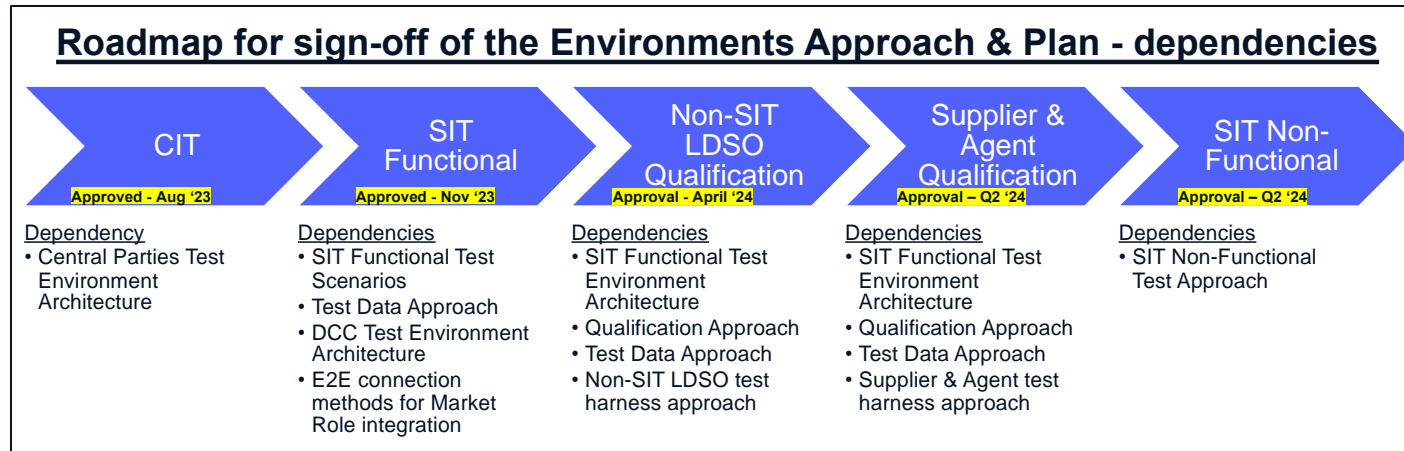
*5 mins*



## Environments Approach & Plan, v2.13

- Version 2.12 of the Environments Approach & Plan document was issued for review on 13<sup>th</sup> March, with the review period closing on 21<sup>st</sup> March.
- 17 comments were received. None of the comments were ‘showstoppers’. All comments have been responded to and where required updates made to the Environments Approach & Plan, uplifted to v2.13.
- This document covers the test environment architecture for Non-SIT LDSO Qualification Testing.
- Further iterations of the document will be made in order to include;
  - Non-Functional Testing (including; Non-Functional and Operational testing)
  - Supplier & Agent Qualification Testing
  - Sandbox
- One of the principles of the MHHS Programme is that we sign off documentation when we have the majority of content as ‘known’. Further iterations of documents are permissible and will follow the MHHS Programme review process.
- A recommendation to SITAG for the approval of v2.13 of the Environments Approach & Plan is requested.

# Roadmap for sign-off of the Environments Approach & Plan - dependencies



## Recommendation on Environments Approach & Plan v2.13

The SITAG are requested advise the SRO on whether the Environments Approach & Plan v2.13 should be approved.

<b>DECISION</b>	<b>SRO to approve / reject Environments Approach &amp; Plan v2.13</b>
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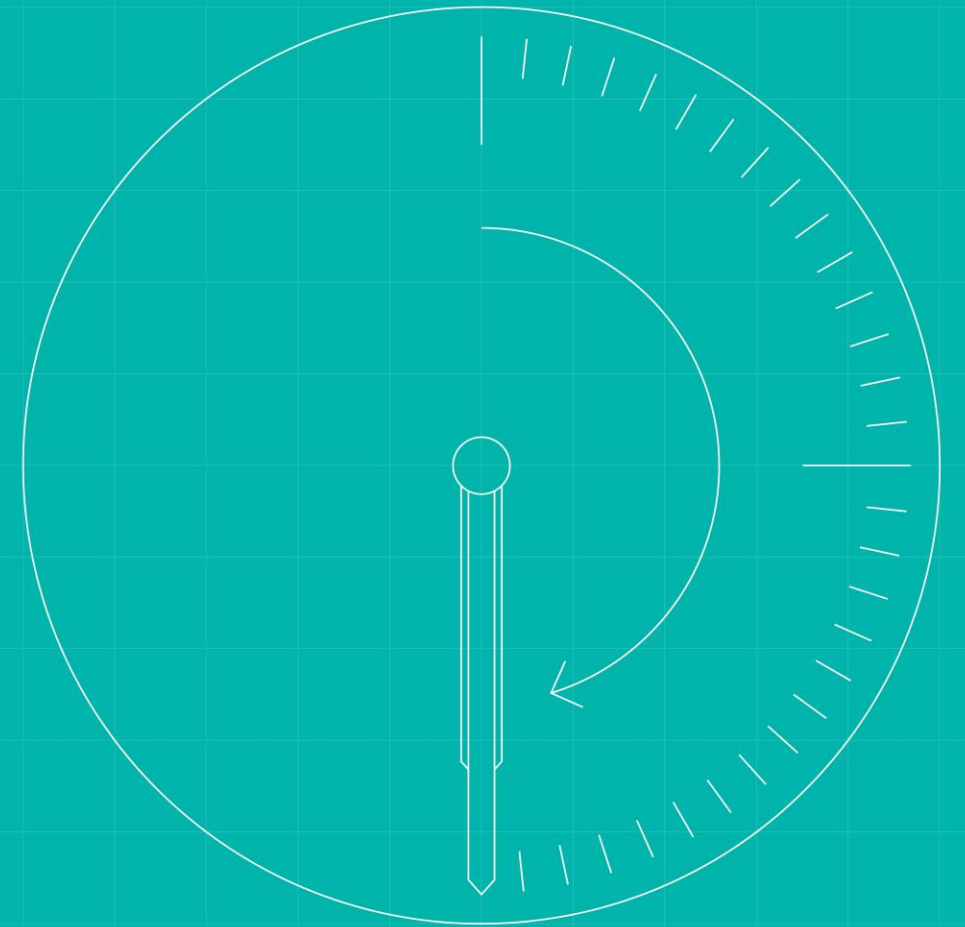
Confirmation of next steps to be provided in meeting.

# SIT Functional Work-Off Updates

**INFORMATION:** Overview of progress on SIT Functional work-off plans

*Programme (Lee Cox)*

*10 mins*



# SIT Functional Cycle 1 Programme Readiness (as of 16-Apr-24)

Readiness Item	Forecast	Central PPs	Cohort A	Cohort B	Cohort C	Cohort E	Cohort F	Cohort G	Cohort H	Cohort J
SIT F PIT Approaches and Plans Complete	Complete	All Feedback provided	All Feedback provided	All Feedback provided	All Feedback provided	All Feedback provided	All Feedback provided	All Feedback provided	All Feedback provided	All Feedback provided
SIT F PIT Requirements to Test Traceability Matrixes Complete	22-Feb	All Feedback provided	All Feedback provided	All Feedback provided	All Feedback provided	All Feedback provided	All Feedback provided	All Feedback provided	All Feedback provided	All Feedback provided
SIT F PIT Test Scenarios Complete	28-Feb	All Feedback provided	All Feedback provided	All Feedback provided	All Feedback provided	All Feedback provided	All Feedback provided	All Feedback provided	All Feedback provided	All Feedback provided
SIT F PIT Execution Complete	08-Mar	Complete	Complete	Complete	Complete	Complete	Complete	Complete	Complete	Complete
Final SIT F PIT Completion Report Complete	09-Feb	5/6 Complete	Complete	Complete	Complete	Complete	Complete	Complete	Complete	Complete
PIT Completion Status	16-Feb	5/6 Complete	Complete	Complete	Complete	Complete	Complete	Complete	Complete	Complete
Transmit initial data sets to PPs	31-Jan									
Cycle 1 Test execution ordering published	09-Feb									
PP Issues CIT PP Test Completion Report	13-Feb	All Received	All Received	All Received	All Received	All Received	All Received	All Received	All Received	All Received
PP Issues SIT F Test Readiness Report	14-Feb	All Received	All Received	All Received	All Received	All Received	All Received	All Received	All Received	All Received
Participants have confirmed they have resources in place	14-Feb	All Confirmed	All Confirmed	All Confirmed	All Confirmed	All Confirmed	All Confirmed	All Confirmed	All Confirmed	All Confirmed
SIT F Teams Channels Set Up	13-Feb	All channels set up, PPs will be added when we have been notified of their named resources in the SIT Functional Readiness Reports								
PP SIT F Test Readiness Reports Assured by SI	16-Feb									
DITL Part 1 Sessions	21-Feb									
SI Issues Overarching CIT Completion Report	23-Feb	Report Issued								
SI Issues Overarching SITF Test Readiness Report	23-Feb	Report Issued								
Test Management Tool Users Set up	23-Feb									
Test MI has been set up	26-Feb	Test MI data model in place and daily reports are being produced, please note a small backlog of identified report errors is currently being worked through								
Intra-Cohort, DTN & CSS Connectivity Completed (If Required)	01-Mar									
MHHS code deployed to SIT PPs' environments	01-Mar									
PPs' confirmation that data is ready for SIT F	01-Mar									
Test and Defect Meetings Scheduled with PPs	07-Mar									
Day In The Life Sessions	07-Mar									
PP verifies that tests have been allocated correctly	08-Mar									
Test Management Tool Training Complete	08-Mar									
Tests loaded in ADO	08-Mar									

## Summary: Work-off Plans and T2-TE-0550 position (as of 16-Apr-24)

Milestone ID	Milestone Title	RAG	Status
T3-DB-0087	All SIT Functional PIT Completion Reports submitted to Programme for Assurance		<i>Approved 01-Mar eSITAG subject to work-off plans.</i> 36 of 36 reports received, one incomplete, awaiting update See also T3-DB-0142.
T3-DB-0142	All SIT Functional PIT Completion Reports MHHS Review Completed		<i>Approved 01-Mar eSITAG subject to work-off plans.</i> 35 of 36 reports Reviews complete. Completion dictated by provision of remaining reports. See T3-DB-0087.
T3-TE-0103	SIT Functional Connectivity Proving Complete		<i>Approved 01-Mar eSITAG subject to work-off plans.</i> Complete.
T3-TE-0079	Cycle 1 – PPs' confirmation that test data is ready for SIT Functional		<i>Approved 01-Mar eSITAG subject to work-off plans.</i> Complete
T2-TE-0550	SIT Functional Testing Preparation Complete		<i>Approved 01-Mar eSITAG subject to work-off plans.</i> Approved based on SIT Functional Readiness report and subject to work-off plans to be progressed ahead of SIT start.

### For SITAG to approve T2-TE-0550 (subject to work-off plans)

Milestone Criteria for SI and work-off plan specifics		Milestone Criteria for PPs and work-off plan specifics	
<b>SIT Functional Approaches assured</b>	<i>Complete</i>	<b>All PIT artefacts submitted and reviewed</b>	<i>36 of 36 reports received, one incomplete, awaiting update</i>
<b>Delivery plans assured</b>	<i>Complete</i>	<b>Environments in place</b>	<i>Complete</i>
<b>PPs' PIT assured (IR5)</b>	<i>36 of 36 reports received, one incomplete, awaiting update 35 of 36 reports Reviews complete</i>	<b>Test data in place</b>	<i>Complete</i>
<b>Test tools in place / primed</b>	<i>Complete</i>	<b>PKI certificates in place</b>	<i>Complete</i>
<b>FTIG recommendation</b>	<i>FTIG recommended approval on 01-Mar-24</i>	<b>Defect management understood</b>	<i>Complete</i>
<b>Resources in place and trained on ways of working</b>		<i>Complete</i>	
<b>Readiness forecast SIT Functional Cycle 2 is satisfactory</b>		<i>Yes. SIT Func theme 8 test scenarios &amp; test cases approved Feb SITAG</i>	
<b>MVC (including coverage of pairing) is in place</b>		<i>Confirmed</i>	

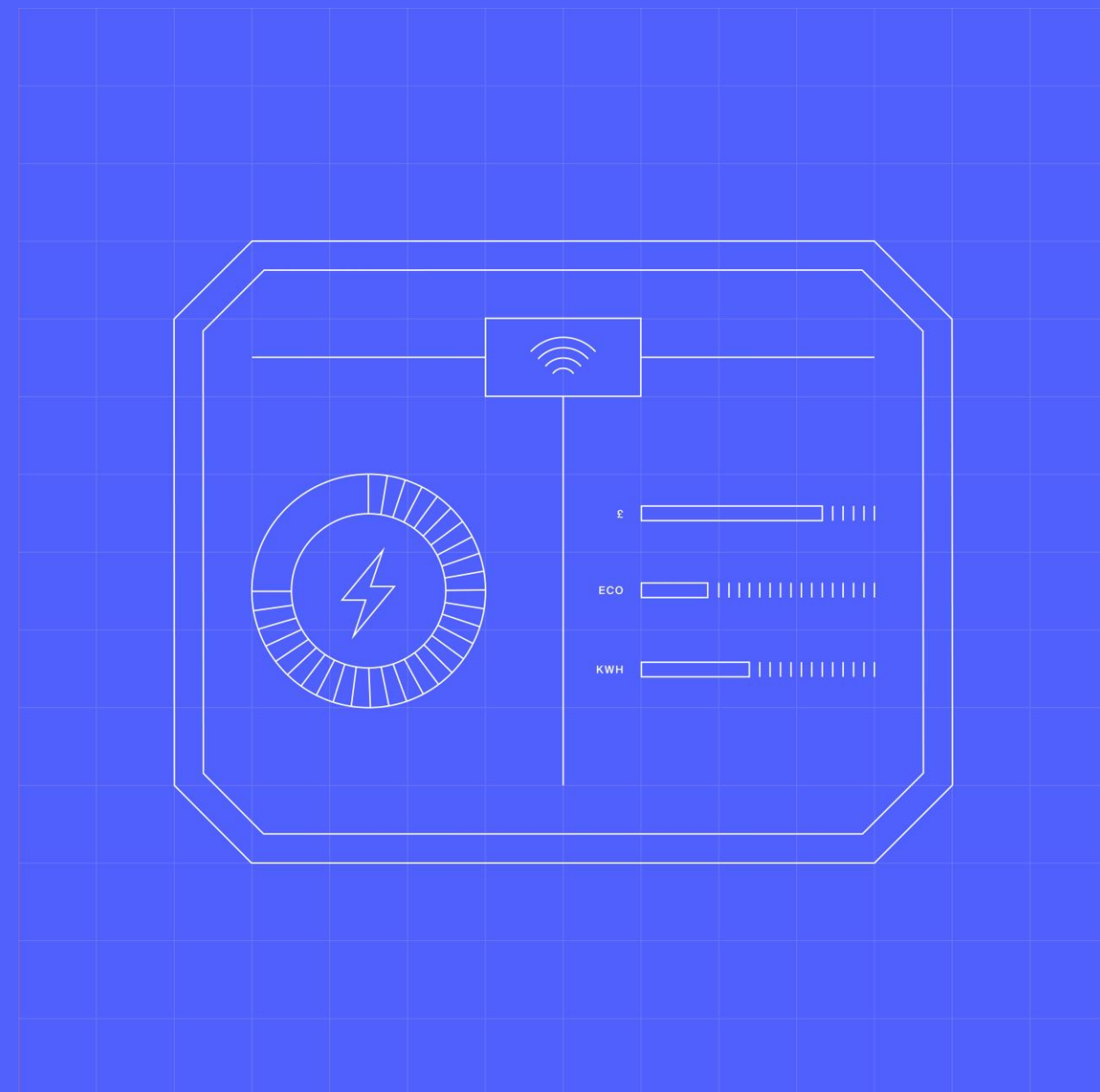


# SIT Progress Management Summary

**INFORMATION:** Summary of SIT progress

*Programme (Lee Cox)*

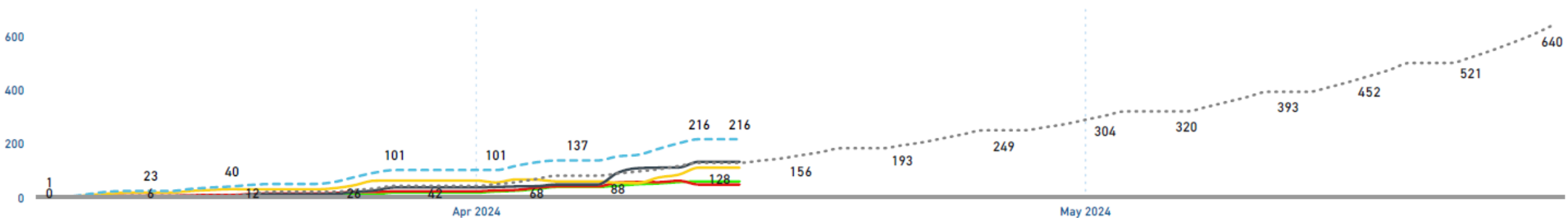
*10 mins*



# SIT Functional Test Status Highlights (12<sup>th</sup> Apr 24)

Test Execution Trend

● Passed ● Failed ● Paused ● Blocked ● Test Execution Trend (Cumulative Total of Passed, Failed and Paused) ● Target Pass Velocity (Note - assumed 30% Failure rate in Cycle 1)



Cohort	Total	To Be Executed	Total Executed	Passed	Failed	In Progress	Paused	Blocked	N/A	Total Executed %	Passed %	Failed %	Paused %	N/A %
SITF Cohort A	109	47	62	14	10	0	24	14	0	57%	13%	9%	22%	0%
SITF Cohort B	87	45	42	7	3	0	11	17	4	48%	8%	3%	13%	5%
SITF Cohort C	89	43	46	14	7	0	5	20	0	52%	16%	8%	6%	0%
SITF Cohort E	87	53	34	5	4	0	3	18	4	39%	6%	5%	3%	5%
SITF Cohort F	87	50	37	5	2	0	15	15	0	43%	6%	2%	17%	0%
SITF Cohort G	109	67	42	2	3	0	20	13	4	39%	2%	3%	18%	4%
SITF Cohort H	87	54	33	1	5	0	9	14	4	38%	1%	6%	10%	5%
SITF Cohort J	109	64	45	11	12	0	10	12	0	41%	10%	11%	9%	0%
SITF Shared Cohort A and C	37	28	9	0	0	0	5	4	0	24%	0%	0%	14%	0%
SITF Shared Cohort A, G and J	4	4	0	0	0	0	0	0	0	0%	0%	0%	0%	0%
SITF Shared Cohort B and E	35	33	2	0	0	0	0	2	0	6%	0%	0%	0%	0%
SITF Shared Cohort F and J	37	32	5	0	0	0	3	2	0	14%	0%	0%	8%	0%
SITF Shared Cohort G and H	37	30	7	0	1	0	5	1	0	19%	0%	3%	14%	0%
<b>Total</b>	<b>914</b>	<b>550</b>	<b>364</b>	<b>59</b>	<b>47</b>	<b>0</b>	<b>110</b>	<b>132</b>	<b>16</b>	<b>40%</b>	<b>6%</b>	<b>5%</b>	<b>12%</b>	<b>2%</b>

## Highlights so far (end of week 5 of 11 in Cycle 1):

- ✓ All Cohorts, PPs and Market Roles are now progressing, no major defect blockers have been encountered so far
- ✓ Test execution has continued to maintain a steady trajectory from the outset
- ✓ DITL processes are proving to be sound
- ✓ Initial challenges with MI Reporting but is now stabilising
- ✓ 164 unique MHHS solution test cases in scope – current summation of all Cohort activity:
  - ✓ 78 unique tests Passed, Failed or Paused (48%)
  - ✓ 58 unique tests either Passed or Failed (34%)
  - ✓ 34 unique tests Failed (21%)
  - ✓ 24 unique tests Passed (13%)

### Cycle 1 Objectives:

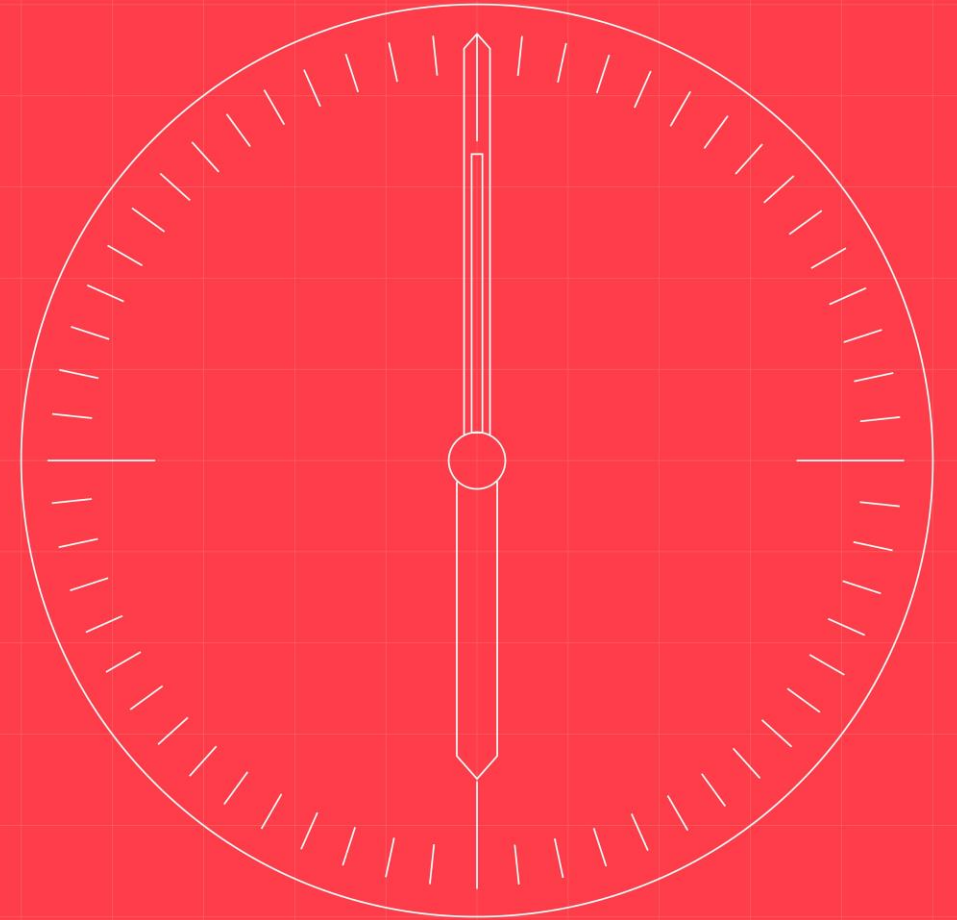
1. Business Processes tested (not passed) utilising Single MPAN Data, established using a summation of all 8 Cohort Test progress achievements
2. SIT Migration dependant Processes executed and passed, with any exceptions documented and agreed

# SIT Plan on a Page

**INFORMATION:** Overview of latest SIT PoaP

Programme (Lee Cox)

*10 mins*



Today

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

**IR7.2 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

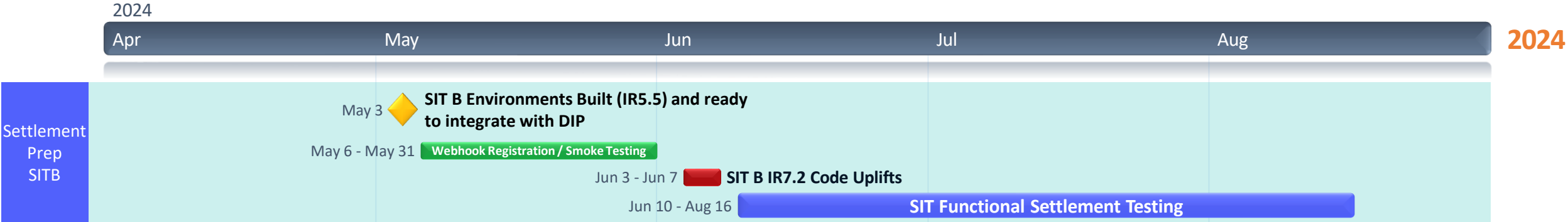
SIT A Test Environment

SIT B Test Environment

UIT Test Environment

**Non-SIT Testing**

# SIT Plan on a Page (cont.)



## Key Notes

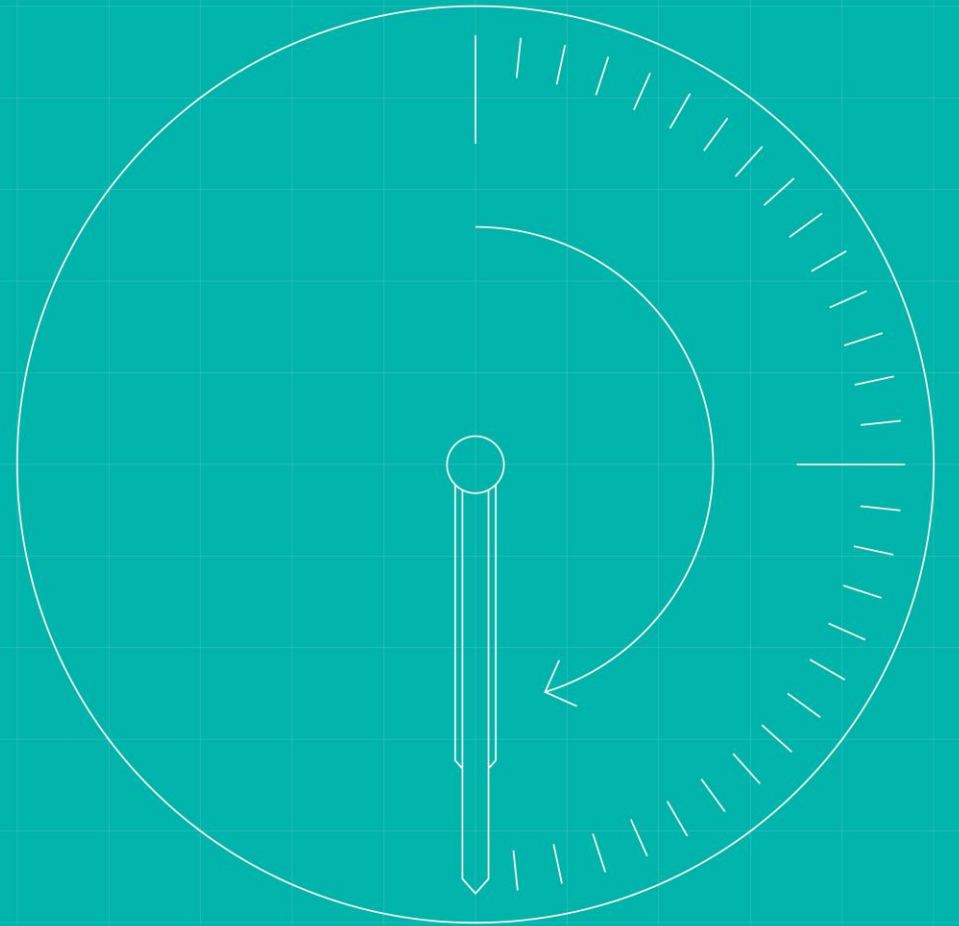
- SIT Functional Test Cycles alignment with SIT Migration, SIT Non-Functional and SIT Operational start dates
- SIT Migration moved from SITB to SITA
  - Start date remains the same: 10-Jun
- SIT Functional Settlement Testing (Theme 2) moved to SIT B
  - Start date in line with SIT Functional Cycle 2: 10-Jun
- New provision for final Settlement Run in SITA during SIT Functional Regression Stage
- SIT B Test Environments Built and Ready to integrate with DIP – Dates moved from 01-Apr to 03-May

# SIT Non-Functional Test Scenario and Test Case Delivery Plan

**INFORMATION:** Overview of delivery plan for SIT Operational Test Scenarios and Test Cases, and proposal for amendment to Tier 3 milestones

*Programme (Lee Cox)*

*10 mins*



## SIT Non-Functional Test Scenario and Test Case Delivery Plan

- Following on from the benefits achieved with SIT Functional and SIT Migration Themed Delivery Approach for Test Scenarios and Test Cases, we are adopting this for SIT Non-Functional Test Scenarios and Test Cases.
- This requires existing T3 Milestone amendments, currently we have:
  - T3-TE-0028 SIT Non-Functional Test Scenarios Approved : 22-May-24
  - T3-TE-0036 SIT Non-Functional Test Cases Approved : 19-Jun-24
- The late delivery of the Non-Functional Test Approach and Plan has had a consequential impact on the ability to deliver these artefacts within these dates. As such I am proposing a different delivery plan that, whilst is still aggressive, is achievable. Revised Milestones will be:
  - T3-TE-xxxx SIT NFT Scenarios & Test Cases Approved - Theme 1 : 19-Jun-24
  - T3-TE-xxxx SIT NFT Scenarios & Test Cases Approved - Theme 2 : 17-Jul-24
  - T3-TE-xxxx SIT NFT Scenarios & Test Cases Approved - Theme 3 : 17-Jul-24
- The delivery plan and associated Industry Workshops + Industry Review Windows can be found in the following slide

# SIT Non-Functional Test Scenario and Test Cases delivery – June and July SITAG Dates

2024



2024

Scenario and Test Case reviews

**Themes**

1. DIP > Helix
2. Lifecycle Processing and E2E
3. Targeted Interfaces

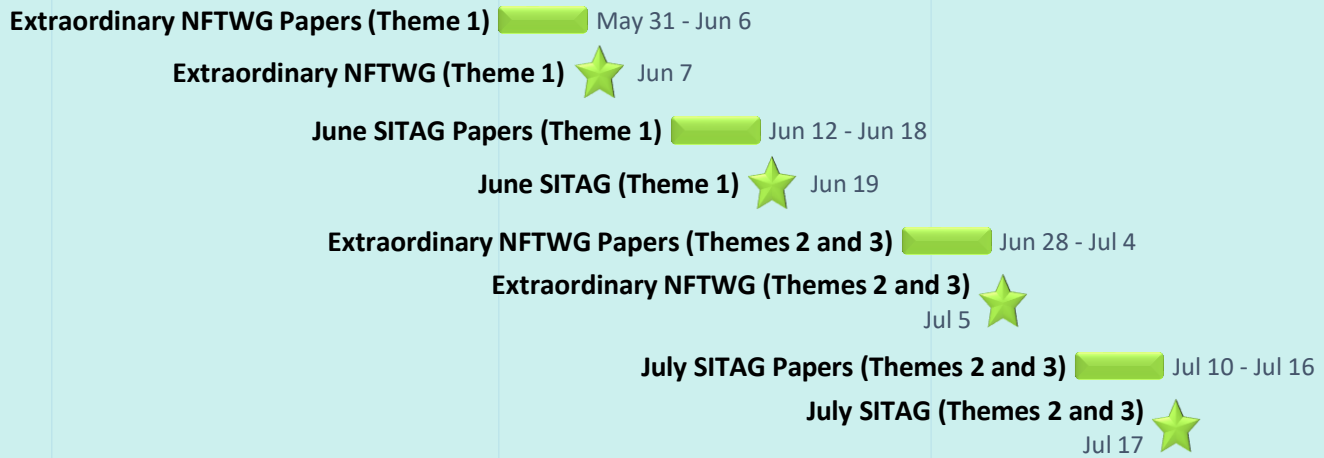


Governance

**Theme Approval**

June SITAG  
Theme 1 DIP > Helix

July SITAG  
Theme 2 Lifecycle Processing and E2E  
Theme 3 Targeted Interfaces



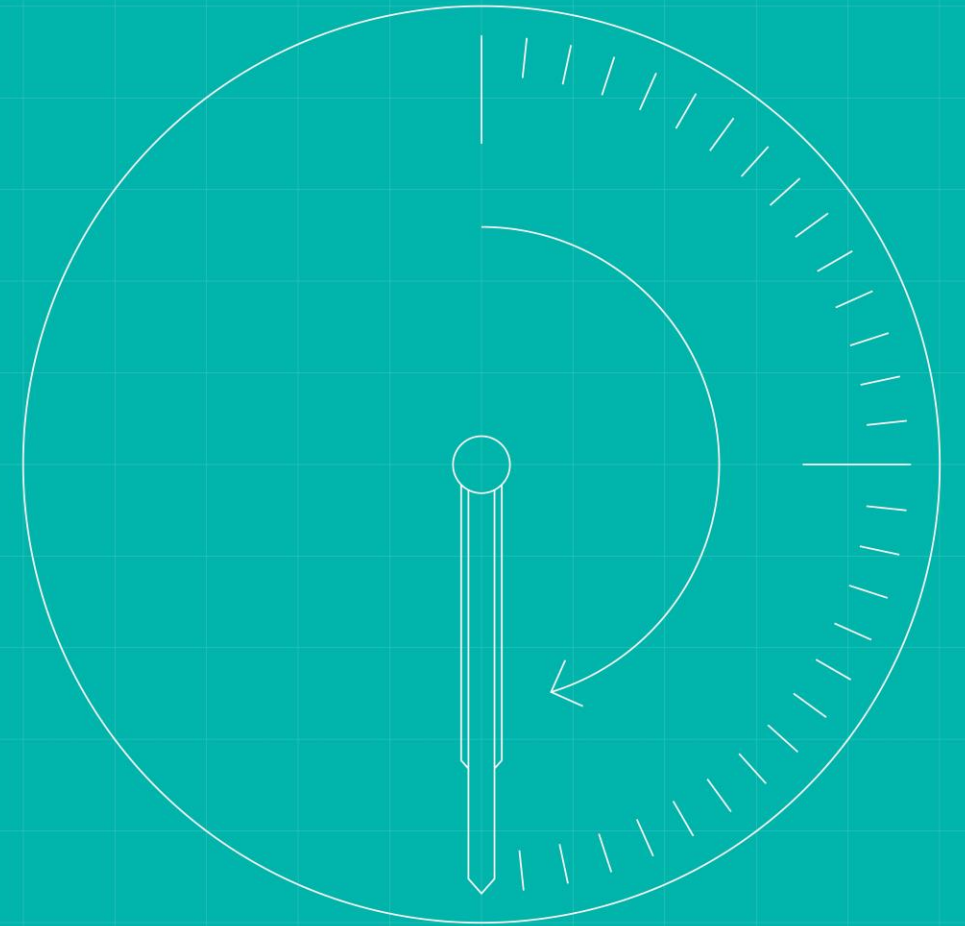


# SIT Operational Test Scenario and Test Case Delivery Plan

**Information:** Overview of delivery plan for SIT Operational Test Scenarios and Test Cases, and proposal for amendment to Tier 3 milestones

*Programme (Lee Cox)*

*10 mins*



## SIT Operational Test Scenario and Test Case Delivery Plan

- Following on from the benefits achieved with SIT Functional and SIT Migration Themed Delivery Approach for Test Scenarios and Test Cases, we are adopting this for SIT Operational Test Scenarios and Test Cases.
- This requires existing T3 Milestone amendments, currently we have:
  - T3-TE-0030 SIT Operational Test Scenarios Approved : 17-Jul-24
  - T3-TE-0037 SIT Operational Test Cases Approved : 21-Aug-24
- The July and August SITAG Approval Dates can still be achieved, and we now intend on delivering the following revised Milestones:
  - T3-TE-xxxx SIT Operational Scenarios & Test Cases Approved - Theme 1 : 17-Jul-24
  - T3-TE-xxxx SIT Operational Scenarios & Test Cases Approved - Theme 2 : 17-Jul-24
  - T3-TE-xxxx SIT Operational Scenarios & Test Cases Approved - Theme 3: 21-Aug-24
- The delivery plan and associated Industry Workshops + Industry Review Windows can be found in the following slide

# SIT Operational Test Scenario and Test Cases delivery – July and Aug SITAG Dates

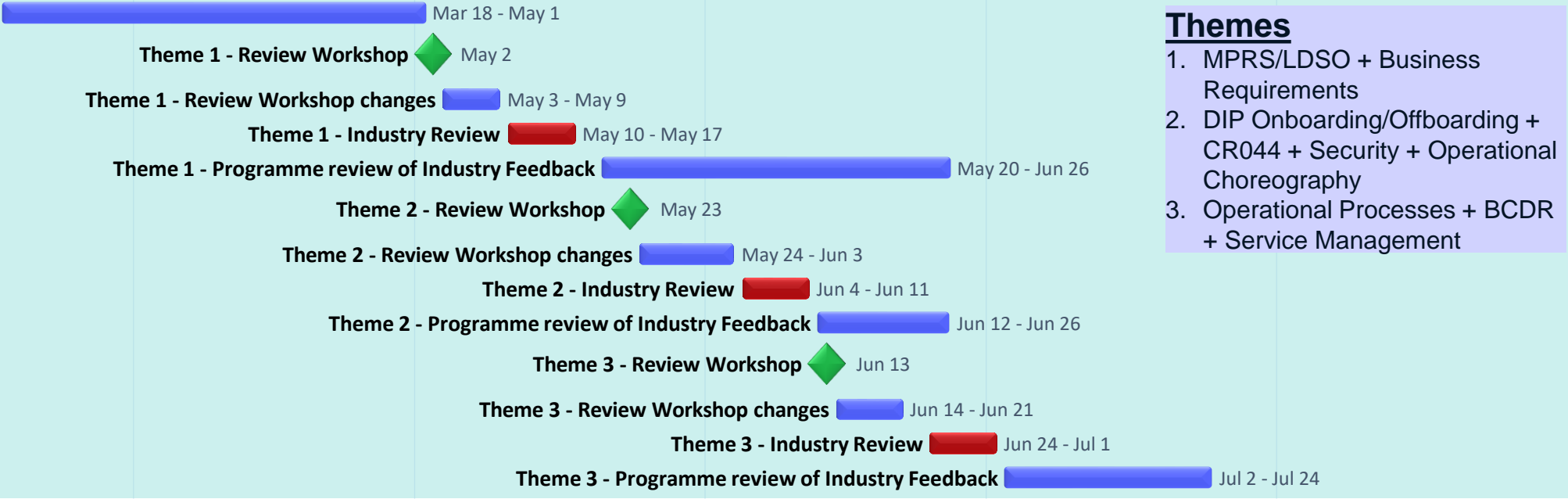
2024

Mar Apr May Jun Jul Aug

2024

Scenario and Test Case reviews

## Test Development



## Themes

1. MPRS/LDSO + Business Requirements
2. DIP Onboarding/Offboarding + CR044 + Security + Operational Choreography
3. Operational Processes + BCDR + Service Management

## Theme Approval

### July SITAG

Theme 1: MPRS/LDSO + Business Requirements  
 Theme 2: DIP Onboarding/Offboarding + CR044 + Security + Operational Choreography

### August SITAG

Theme 3: Operational Processes + BCDR + Service Management

July SITWG Papers (Themes 1 and 2) (Green bar) Jun 27 - Jul 3

July SITWG (Themes 1 and 2) (Green diamond) Jul 4

July SITAG Papers (Themes 1 and 2) (Green bar) Jul 10 - Jul 16

July SITAG (Themes 1 and 2) (Green star) Jul 17

August SITWG Papers (Theme 3) (Green bar) Jul 25 - Jul 31

August SITWG (Theme 3) (Green star) Aug 1

August SITAG Papers (Theme 3) (Green bar) Aug 14 - Aug 20

August SITAG (Theme 3) (Green star) Aug 21

Governance

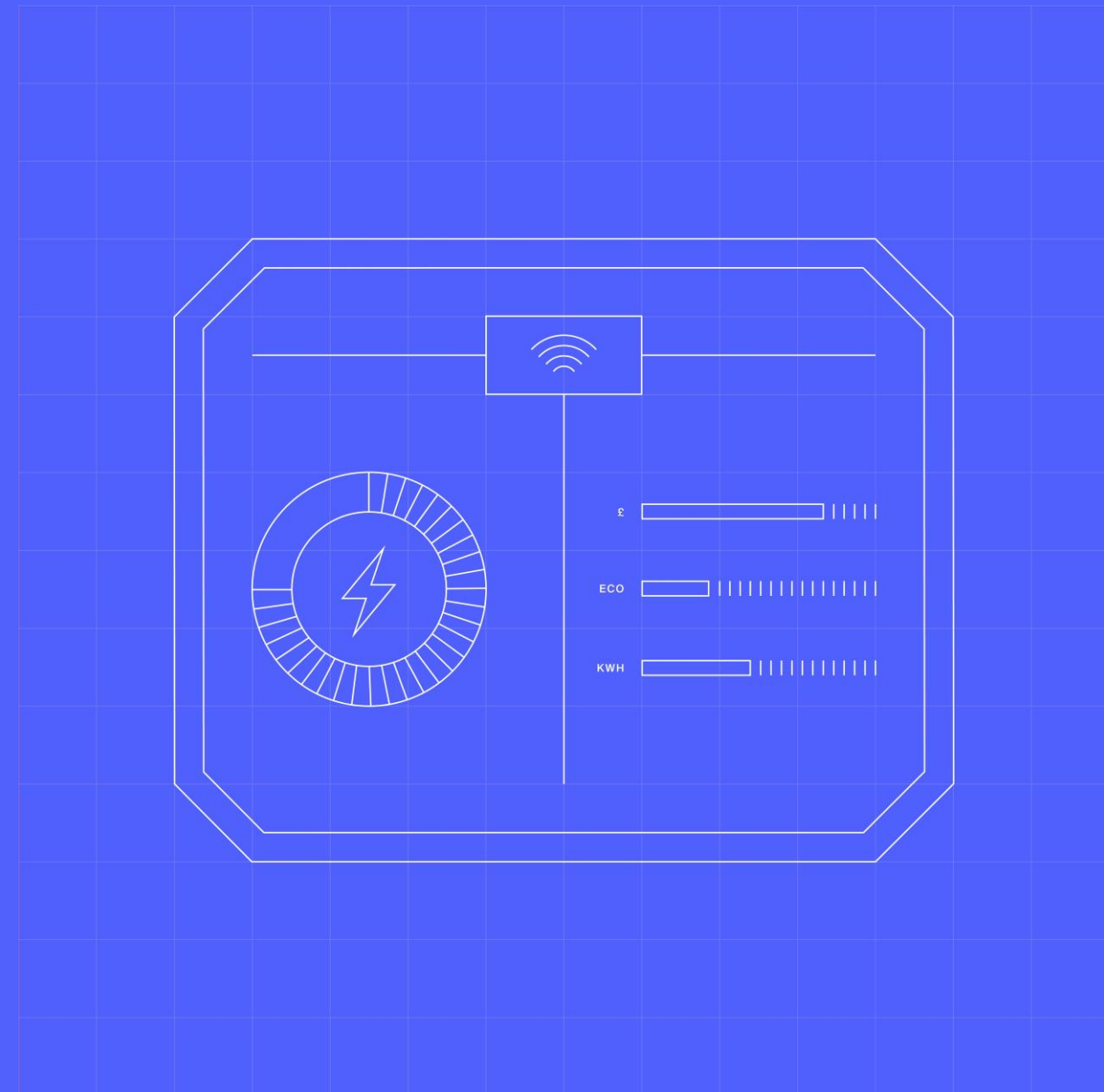
Industry-led, Elexon facilitated

# IPA Updates

**INFORMATION:** Updates from the IPA on test assurance

*IPA (Taylor Thorpe)*

*10 mins*

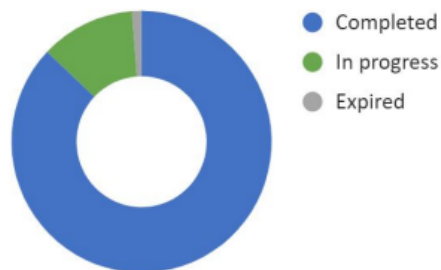


Status as at 10 April 2024 - Currently in Test Assurance Period 6 (P6 - March 24 - July 24)

### Test Assurance Agreed Actions May 23 - April 24

#### Total Agreed Actions - 81

- Completed - 74
- In progress - 6
- Expired - 1



We meet monthly with LDP and SRO to track progress of agreed actions from earlier Test Assurance reports. 10 actions have been closed since the last report.

Of those actions currently in progress, 3 are overdue. Good progress has been made but final updates and validation are required to enable closure. Note: all in progress actions are from recommendations raised in P5.

In response to SITAG02-01, at the May SITAG we will share the open high priority agreed actions to provide visibility. Going forward, we will then share the key agreed actions raised during each assurance period, including status, at the end of the assurance period.

### P6 Scope of Assurance

Activity for P6 has been grouped into four focus areas, covering SIT and Qualification routes, as outlined below:

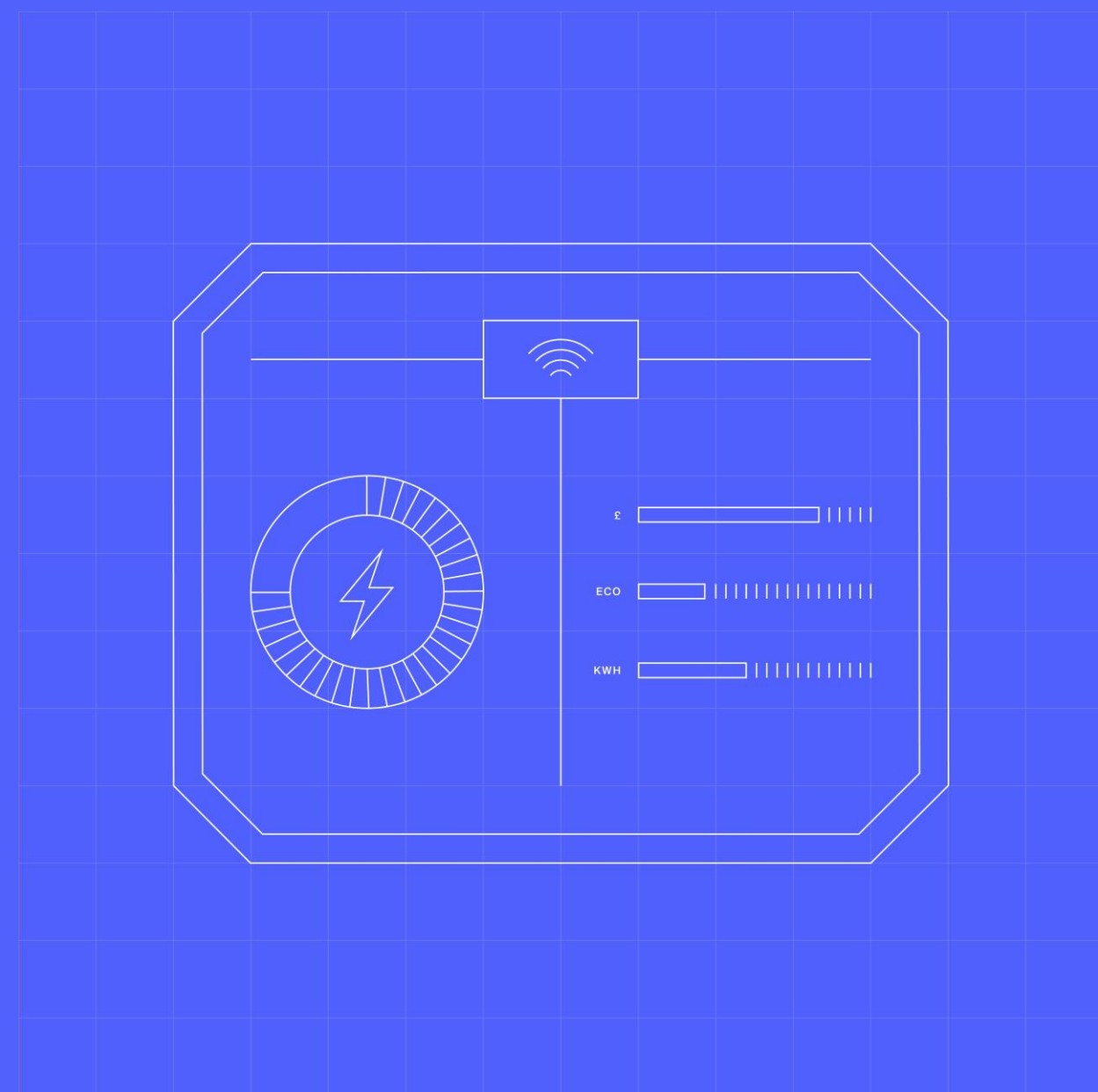
- **SIT Functional progress** - Tracking and monitoring the Programme (participants, core capability providers and central programme) progress through SIT Functional cycle 1, and readiness for SIT Functional cycle 2.
- **SIT Migration readiness** - Tracking and monitoring the Programme (participants, core capability providers and central programme) preparations and readiness to start SIT Migration.
- **Plan congestion** - Review of volume, timing, and coordination of activity related to remaining SIT phases.
- **Qualification testing** - Review of central programme, code bodies, and participants readiness for Qualification testing.

# Upcoming Programme Milestones related to SITAG

**INFORMATION:** Overview of upcoming Programme Milestones related to SITAG and milestone changes for decision

*Programme (PMO & Workstream leads)*

*10 mins*



## SIT Migration: Milestones, statuses & work-off plans (as of 10-Apr-24)

Milestone ID	Milestone Title	Baseline Date	Forecast Date	Responsible	RAG	Commentary including any expected work-off
T3-DB-0143	All SIT Migration PIT Test Approach & Plans submitted to Programme for assurance	Fri 16/02/24	Fri 16/02/24	PP	Complete	36/36 received
T3-DB-0145	All SIT Migration PIT RTTMs submitted to Programme for assurance	Thu 07/03/24	Thu 07/03/24	PP	At Risk	27/35 received. Remainder to be chased
T3-DB-0147	All SIT Migration PIT test scenarios submitted to Programme for assurance	Thu 07/03/24	Thu 07/03/24	PP	At Risk	24/35 received. Remainder to be chased
T3-DB-0144	All SIT Migration PIT Test approach and plans MHHS Reviews Completed	Thu 11/04/24	Thu 11/04/24	SI Test	At Risk	Final reviews in progress, at risk because of late delivery of PIT test approach and plans by PPs
T3-TE-0111	SIT Migration Test scenarios & Test Cases Approved - Theme 2	Wed 17/04/24	Wed 17/04/24	SI Test	On Track	Decision on approval at SITAG 17 April 2024
T3-TE-0112	SIT Migration Test scenarios & Test Cases Approved - Theme 3	Wed 17/04/24	Wed 17/04/24	SI Test	On Track	Decision on approval at SITAG 17 April 2024
T3-DB-0146	All SIT Migration RTTMs MHHS Reviews Completed	Thu 18/04/24	Thu 18/04/24	SI Test	At Risk	At risk because of late delivery of RTTMs by PPs
T3-DB-0148	All SIT Migration Test scenarios MHHS Reviews Completed	Thu 18/04/24	Thu 18/04/24	SI Test	At Risk	At risk because of late delivery of PIT test scenarios by PPs
T3-DB-0149	All SIT Migration PIT Completion Reports submitted to Programme for assurance	Fri 10/05/24	Fri 10/05/24	PP	On Track	
T3-DB-0150	All SIT Migration PIT Completion Reports MHHS Review Completed	Fri 24/05/24	Fri 24/05/24	SI Test	On Track	
T2-TE-0650	SIT Migration Testing Preparation Complete	Mon 03/06/24	Mon 03/06/24	SI Test	On Track	Overall Green, but some PPs are reporting readiness challenges that may impact their specific Cohorts
T3-TE-0038	SIT Migration Testing Start	Mon 10/06/24	Mon 10/06/24	SI Test	On Track	



# Look Ahead – Key Milestones Status at 10-Apr-24 (1)

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

Milestone ID	Forum	Milestone Title	Baseline Date	Forecast Date	Responsible	Previous RAG 03/04/24	Current RAG 10/04/24	Forecast RAG 17/04/24	Commentary
T3-TE-0067	SITAG	E2E Sandbox Guidance approved	Fri 04/08/23	Fri 04/08/23	SI Test				Updated POAP with options discussed at QWG on 9/4/24. Final decision to be made at SITAG on 17/4/24
T3-TE-0091	QAG	Environment Approach and Plan - Non SIT LDSO & S and A Testing	Wed 17/04/24	Wed 17/04/24	SI Test				Milestone is now only for Non-SIT LDSO, as S and A will now deliver on a different timeline. A new S and A milestone will be raised at the April QAG to reflect this. Due to the date the Non-SIT LDSO element will deliver, which is before the April QAG, the name wont be submitted into the change control process
TBC	QAG (Non-SIT LDSO)	Approval of Batch 1-3 Test Cases & Scenarios at QAG		Thu 18/04/24	Non-SIT LDSO				Proposed new qualification milestone as part of <a href="#">Programme Change Request CR047</a>
TBC	QAG (Non-SIT LDSO)	Test Scenarios & Cases- Functional - Approved at QAG		Thu 18/04/24	Non-SIT LDSO				Proposed new qualification milestone as part of <a href="#">Programme Change Request CR047</a>
T3-QU-0008	QAG (Non-SIT LDSO)	Qualification Testing for Non-SIT LDSOs (Functional, Migration, NFT, Operational) Test Execution Schedule Approved	Fri 26/04/24	Thu 15/08/24	Non-SIT LDSO				Proposed change to Baseline Finish date to realign to forecast date included in <a href="#">Programme Change Request CR047</a>
TBC	QAG (Non-SIT LDSO)	Test Data Plan Approved at QAG		Thu 16/05/24	Non-SIT LDSO				Proposed new qualification milestone as part of <a href="#">Programme Change Request CR047</a>
TBC	QAG (Non-SIT LDSO)	PIT Test Plan Deadline for Submission for Non-SIT LDSO QT		Fri 14/06/24	Non-SIT LDSO				Proposed new qualification milestone as part of <a href="#">Programme Change Request CR047</a>

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



## Look Ahead – Key Milestones Status at 10-Apr-24 (2)

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

Milestone ID	Forum	Milestone Title	Baseline Date	Forecast Date	Responsible	Previous RAG 03/04/24	Current RAG 10/04/24	Forecast RAG 17/04/24	Commentary
T3-QU-0009	QAG (Non-SIT LDSO)	Qualification Testing for Non-SIT LDSOs (Functional, Migration, NFT, Operational) Participants' Environments (TBC) Ready To Start Connectivity Proving (Incl. Certificates & Security Compliance)	Fri 26/04/24	Mon 05/08/24	Non-SIT LDSO				Proposed change to Baseline Finish date to realign to forecast date included in <a href="#">Programme Change Request CR047</a>
TBC	QAG	Pre-Qualification Submission and PIT Test Plan Deadline for Submission		Fri 26/04/24	PP				Proposed new qualification milestone as part of <a href="#">Programme Change Request CR047</a>
T3-DB-0151	SITAG	SIT Non-Functional PIT Test Approach & Plan (PIT) submitted to Programme for assurance	Fri 10/05/24	Fri 10/05/24	PP				
T3-TE-0026	SITAG	SIT Non-Functional Testing Test Approach & Plan approved	Wed 15/05/24	Wed 15/05/24	SI Test				
T3-TE-0113	SITAG	SIT Non-Functional Testing Test Data Approach & Plan approved	Wed 15/05/24	Wed 15/05/24	SI Test				At risk because of tight delivery schedule
T3-TE-0029	SITAG	SIT Operational Testing Test Approach & Plan approved	Wed 15/05/24	Wed 15/05/24	SI Test				At risk because of tight delivery schedule
TBC	QAG (Non-SIT LDSO)	Test Scenarios & Cases - Migration - Approved at QAG		Thu 16/05/24	Non-SIT LDSO				Proposed new qualification milestone as part of <a href="#">Programme Change Request CR047</a>
TBC	QAG (Non-SIT LDSO)	Test Data Approach Approved at QAG		Fri 17/05/24	Non-SIT LDSO				Proposed new qualification milestone as part of <a href="#">Programme Change Request CR047</a>
T3-RE-0500	CCAG	Final code drafting (mop-up) approved	Wed 22/05/24	Wed 22/05/24	PP				

# Look Ahead – Key Milestones Status at 10-Apr-24 (3)

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

Milestone ID	Forum	Milestone Title	Baseline Date	Forecast Date	Responsible	Previous RAG 03/04/24	Current RAG 10/04/24	Forecast RAG 17/04/24	Commentary
TBC	QAG (Non-SIT LDSO)	QAG Approval for Operational, Non-Functional & Migration Annexes of Approach & Plan		Thu 16/05/24	Code Bodies				Proposed new qualification milestone as part of <a href="#">Programme Change Request CR047</a>
T3-MI-0023	MCAG	MCAG Approval of M10/M11 Cut-over Plan	Tue 28/05/24	Tue 28/05/24	SI Transition				
T3-DB-0153	SITAG	SIT Non-Functional PIT RTTM submitted to Programme for assurance	Thu 30/05/24	Thu 30/05/24	PP				
T3-DB-0155	SITAG	SIT Non-Functional PIT test scenarios submitted to Programme for assurance	Thu 30/05/24	Thu 30/05/24	PP				
T3-QU-0065	QAG	Non-Functional Testing elements of Qualification Approach & Plan v3 approved by REC PAB & BSC PAB	Thu 30/05/24	Thu 27/06/24	Code Bodies				Proposed change to Baseline Finish Date to realign to forecast date included in <a href="#">Programme Change Request CR048</a>
TBC	QAG (Non-SIT LDSO)	Test Data Cut Complete		Mon 10/06/24	Non-SIT LDSO				Proposed new qualification milestone as part of <a href="#">Programme Change Request CR047</a>
TBC	QAG (Non-SIT LDSO)	Interim Test Readiness Report Submission to MHHS Programme for Review		Fri 31/05/24	LDSO				Proposed new qualification milestone as part of <a href="#">Programme Change Request CR047</a>
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				
TBC	QAG (Non-SIT LDSO)	Test Scenarios & Cases - Non-Functional - Approved at QAG		Thu 20/06/24	Non-SIT LDSO				Proposed new qualification milestone as part of <a href="#">Programme Change Request CR047</a>

## Look Ahead – Key Milestones Status at 10-Apr-24 (4)

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

Milestone ID	Forum	Milestone Title	Baseline Date	Forecast Date	Responsible	Previous RAG 03/04/24	Current RAG 10/04/24	Forecast RAG 17/04/24	Commentary
TBC	QAG (Non-SIT LDSO)	PP Test Scope Approved at QAG		Thu 20/06/24	Non-SIT LDSO				Proposed new qualification milestone as part of <a href="#">Programme Change Request CR047</a>
T3-DB-0183	SITAG	DIP Simulator uplifted to align with Interim Release 8	Fri 21/06/24	Fri 21/06/24	SI DevOps				
T3-MI-0033	MCAG	MCAG Approval of Early Life Support Model	Tue 25/06/24	Tue 25/06/24	SI Transition				
TBC	QAG (Non-SIT LDSO)	Test Scenarios & Cases - Operational - Approved at QAG		Thu 27/06/24	Non-SIT LDSO				Proposed new qualification milestone as part of <a href="#">Programme Change Request CR047</a>

# Key Milestones Change at 10/04/24 (1)

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

Milestone ID	Responsible	Change Type	Milestone Title	Baseline Date	Forecast Date	Previous RAG 03/04/24	Current RAG 10/04/24	Forecast RAG 17/04/24	Commentary
T3-TE-0033	SI Test	Date Change	SIT Participants' SIT B environments ready to start connectivity proving (incl. certificates and security compliance)	Mon 01/04/24	Fri 03/05/24	Red	Red	Green	Date change because plan aligned with FTIG and EWG updates regarding settlement testing plan dates and activities
T3-TE-0092	SI Test	Date Change	Environment Approach and Plan - SIT Non Functional	Wed 15/05/24	Wed 19/06/24	Red	Red	Green	Date change because of dependency on NF test approach and plan. Currently under PP review
T3-TE-0080	SI Test Data	Date Change	Cycle 2 - PP's confirmation that test data is ready for SIT Functional	Mon 27/05/24	Fri 31/05/24	Red	Red	Green	Date change because after detailed planning the date has moved back 3 days. This allows more time for participants data loading and checking
TBC	SI Test	New	SIT NFT Scenarios & Test Cases Approved - Theme 1		Wed 19/06/24	Grey	Grey	Green	New milestone added because of NFT themed delivery approach
TBC	SI Test	New	SIT NFT Scenarios & Test Cases Approved - Theme 2		Wed 17/07/24	Grey	Grey	Green	New milestone added because of NFT themed delivery approach
TBC	SI Test	New	SIT NFT Scenarios & Test Cases Approved - Theme 3		Wed 17/07/24	Grey	Grey	Green	New milestone added because of NFT themed delivery approach
T3-TE-0028	SI Test	Remove	SIT Non-Functional Testing Test scenarios approved	Wed 17/07/24	Wed 17/07/24	Grey	Grey	Grey	Remove milestone due to development of the test cases and test scenarios as a themed delivery. New milestones will be added to reflect this
TBC	SI Test	New	SIT Operational Scenarios & Test Cases Approved - Theme 1		Wed 17/07/24	Grey	Grey	Green	New milestone added because of NFT themed delivery approach
TBC	SI Test	New	SIT Operational Scenarios & Test Cases Approved - Theme 2		Wed 17/07/24	Grey	Grey	Green	New milestone added because of Operational themed delivery approach

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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# Key Milestones Change at 10/04/24 (2)

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

Milestone ID	Responsible	Change Type	Milestone Title	Baseline Date	Forecast Date	Previous RAG 03/04/24	Current RAG 10/04/24	Forecast RAG 17/04/24	Commentary
T3-TE-0030	SI Test	Remove	SIT Operational Testing Test scenarios approved	Wed 17/07/24	Wed 17/07/24				Remove milestone due to development of the test cases and test scenarios as a themed delivery. New milestones will be added to reflect this
T3-TE-0036	SI Test	Remove	SIT Non-Functional Testing Test cases approved	Wed 17/07/24	Wed 17/07/24				Remove milestone due to development of the test cases and test scenarios as a themed delivery. New milestones will be added to reflect this
TBC	SI Test	New	SIT Operational Scenarios & Test Cases Approved - Theme 3		Wed 21/08/24				New milestone added because of Operational themed delivery approach
T3-TE-0037	SI Test	Remove	SIT Operational Testing Test cases approved	Wed 21/08/24	Wed 21/08/24				Remove milestone due to development of the test cases and test scenarios as a themed delivery. New milestones will added to reflect this
T3-TE-0091	SI Test	Name Change	Environment Approach and Plan - Non SIT LDSO & S and A Testing	Wed 17/04/24	Wed 17/04/24				To go to Apr QAG for name change as Non-SIT LDSO and S and A will deliver on different timelines so '& S and A' will be removed
TBC	SI Test	New	Environment Approach and Plan - S and A Testing	Wed 17/07/24	Wed 17/07/24				New milestone to go to Apr QAG as Non-SIT LDSO and S and A will deliver on different timelines so need to create a new milestone for S and A

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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## Recommendation on Milestone Changes

The SITAG are requested advise the SRO on whether changes to Tier 3 milestones as detailed in the SITAG meeting papers should be approved.

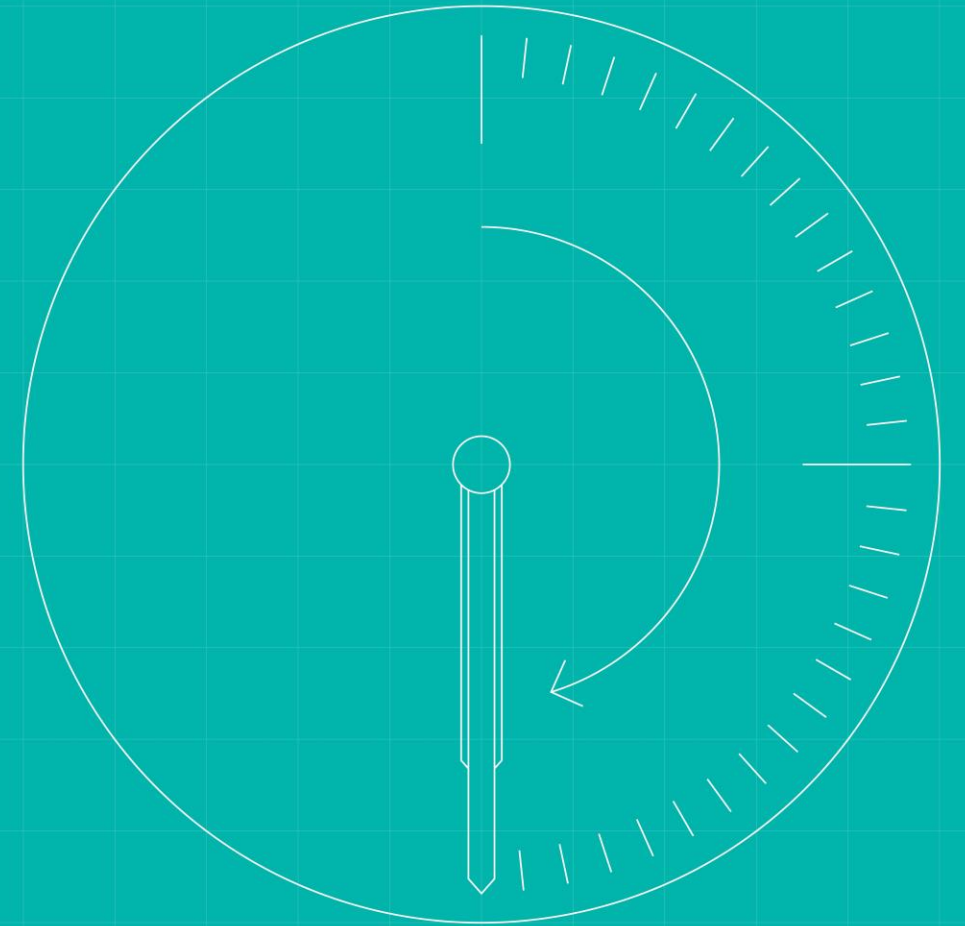
<b>DECISION</b>	<b>SRO to approve / reject changes to Tier 3 milestones detailed in 17 April 2024 SITAG papers</b>
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# Top Programme Risks related to SITAG

**INFORMATION:** Overview of Programme risks related to SITAG

*Programme (PMO & Workstream Leads)*




*5 mins*



# Commencing SIT as planned

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

Key Risks																															
Risk ID	Risk Description	Risk Score Assessment																												Current score movement since last SITAG	Mitigation Plan / Updates
		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		
R808	There is a risk regarding LDP readiness for M09+5 (test scenarios, test schedule, ADO, DTIL)	Critical							High							Medium							Low							Current matches Target - risk closed	RISK CLOSED RESOLUTION: See R758. 1. Detailed SI plan in place for SIT F preparatory activities and reviewed with SRO 2. LDP proactively managing plan and monitoring SI team execution against the plan
R669	There is a risk that all SIT parties may not be ready for SIT Functional by 11-March, even if they enter and execute CIT successfully and on schedule.	Critical							High							Medium							Low							Current matches Target - risk closed	RISK CLOSED RESOLUTION: An issue has now been raised on the 2PP's who have not entered SIT F 1. MHHS to continue to monitor and chase CCPs & PPs for remaining (late) documents (significant progress has been made in the last week). 2. Alternative CIT approach (to accommodate secondary routing) has mitigated any impact on timelines. 3. SIT Parties' pairings now validated; MVC 'go live cohorts' are now baselined and locked. 4. Testing schedule will aim to accommodate a 'soft start', reducing sensitivity to the need for every MVC party to be ready on Day 1. 5. Consistently monitoring cohorts' performance and how they are entering SIT F at FTIG.
R758	There is a risk that SIT Functional testing may not commence as scheduled due to programme readiness.	Critical							High							Medium							Low							Current matches Target - risk closed	RISK CLOSED RESOLUTION: SIT Functional commenced for all cohorts (noting current restrictions on certain market roles). Ongoing risk to Cycle 1 completion and progression to next cycle covered in R802 1. Risk-managed approach to support and track activities most relevant to the preparation of the core go-live cohorts (the MVC). 2. Programme will review readiness towards SIT Functional, through and Secondary Routing Test execution progress to ensure any risks are raised and communicated. 3. SIT Functional testing can start provided that the MVC is material 'Soft start' is being considered as Cycle 1 test allocations and test defined and communicated.

Key	
	Initial Score
	Current Score
	Target Score



# Commencing SIT as planned

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

		Key Risks																														
Risk ID	Risk Description	Risk Score Assessment																Current score movement since last SITAG	Mitigation Plan / Updates													
		Critical				High				Medium				Low																		
		30	29	28	27	26	25	24	23	22	21	20	19	18	17	16	15			14	13	12	11	10	9	8	7	6	5	4	3	2
R532	There is a risk that SIT participants will need to execute additional Qualification Testing in order to qualify																														New item	<ol style="list-style-type: none"> <li>1) Potentially require additional Qualification Testing for Metering Service Providers who are not existing MOps and for ADS providers who aren't current HHDS (e.g. protocol testing, VLP arrangements)</li> <li>2) SIT team to review Qualification materials - MHSP in discussion with Code Bodies to confirm and build their requirements into the SIT - ongoing</li> <li>3) Qualification team to review SIT materials - ongoing</li> <li>4) PSG (06/12): Rec Co reporting how well the collaboration is currently working to mitigate risks.</li> <li>5) Linked to R567 and R584 where BSC PAB are yet to determine if Suppliers not serving UMS have to test UMS</li> <li>6) MHHSP in discussion with Code Bodies to confirm and build their requirements into SIT</li> <li>7) 22/02/2024 (RAID Forum 2): Jason to speak to Kevin for review of coverage of CIT Test Scenarios and Qualification requirements, following Feb QAG.</li> <li>8) 06/03/2024: BSSCo have conducted an assessment of the SIT Tests and have identified a list of tests they think should be added to SIT. They will share with RECCo and then send a verified list to the LDP for review. LDP may need to align with the Code Bodies on this.</li> <li>9) 14/03/2024 (Forum 2): BSSCo have shared with RECCo the verified list to the LDO for review and LDP are currently working with Code Bodies.</li> <li>10) 04/04 (Forum 3): Current action to speak to the Code Bodies to understand the governance process to review SIT materials. Understand how the Code Bodies are conducting PIT Assurance. SRO/LDP reviewing ways of working and how best to engage the Code Bodies.</li> </ol>

Key	
I	Initial Score
C	Current Score
T	Target Score

# Risks to SIT Execution

Theme	Summary	Mitigation Approach Overview	RAG Status	
Risks to SIT Execution	The theme explores the factors which may affect the Programme being able to complete SIT within the planned duration	<ul style="list-style-type: none"> <li>Continuous monitoring of the MVC (through SIT CIT) to ensure that the MVC remains viable</li> <li>Maintenance of pairing relationships via go-live cohorts, to enable better programme decisions based on ways of working that enable SIT parties to work effectively, transparent and fairly with the programme to complete SIT in an optimum way</li> </ul>	Previous RAG	(16 risks)
			Current RAG	(14 risks)

		Key Risks/Issues																														
Risk/Issue ID	Risk/Issue Description	Risk Score Assessment																Current score movement since last SITAG	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	
I170	Additional SIT Test Scenarios and Cases have been identified that need to be added to the approved baseline in order to meet qualification requirements																														New issue	<ol style="list-style-type: none"> <li>SI Team currently is developing an action plan to resolve this.</li> <li>Programme to request that Code Bodies engage within the governance reviews for all future test deliverables to mitigate the risk of this issue occurring for other test materials.</li> <li>Kevin Davis to respond to Code Bodies by COP 12/04</li> </ol>
R802	There is a risk that SIT F Cycle 1 Testing may not be completed on time																														Score has reduced from 26 to 12	<ol style="list-style-type: none"> <li>MHHSP to provide a clear velocity and trajectory to reach clear outcomes for completing SIT F Cycle 1.</li> <li>CIT Lessons learned session to be conducted, applying any relevant findings to the management arrangements for SIT F Cycle 1.</li> </ol>
R803	There is a risk that triage / defect management is not effective in equitably addressing priorities and ensuring optimum execution progress																														Score has reduced from 21 to 16	<ol style="list-style-type: none"> <li>MHHSP to outline ways of working to manage SIT F execution, including principles for intra-cohort and cross-cohort arbitration / decision-making, clarity on programme / cohort roles / responsibilities and on processes for defect fixes, releases and management of outages.</li> <li>Encourage ownership of testing success within each cohort, to supplement and enhance the programme team's overall co-ordination of testing activities.</li> <li>Seek to manage MVC progress (prove the E2E design) vs. cohort progress (risks to migration).</li> </ol>
R804	There is a risk that there could be different interpretations of the Design																														Score has reduced from 23 to 20	<ol style="list-style-type: none"> <li>Triage will seek to identify any potential 'misinterpretations' in PPs' designs and the design and test teams will work collaboratively to identify the best plan to resolve.</li> <li>Test expert role will manage two cohorts each to undertake defect management for PPs.</li> <li>The design team will be actively involved in the triage of defects (daily defect management calls) during SIT to mitigate different interpretations of Design.</li> </ol>
R806	There is a risk that we may need further test data during SIT																															<ol style="list-style-type: none"> <li>RISK CLOSED – This risk is covered in R181</li> <li>Currently there are 5M MPANs available and PPs have used less than 20k to date.</li> <li>Greater encouragement from the MHHSP for PPs to be more conservative with MPAN usage.</li> </ol>

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

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

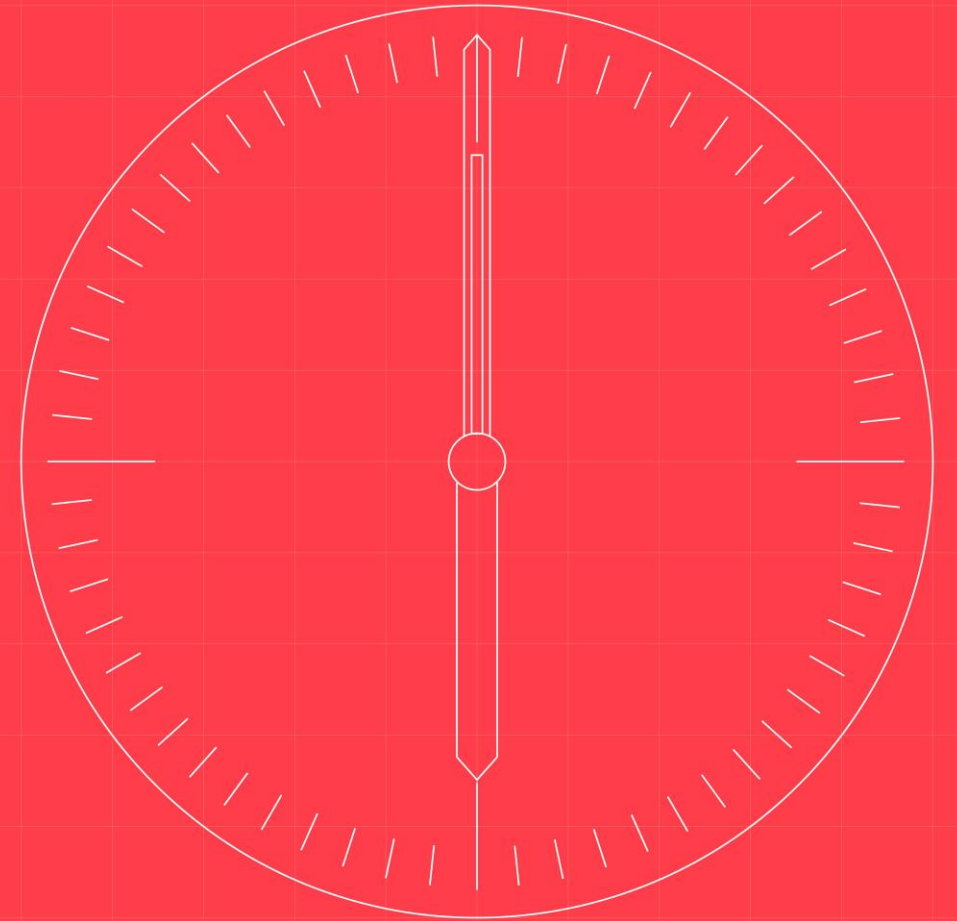
Key	
I	Initial Score
C	Current Score
T	Target Score

# Programme Updates

**INFORMATION:** Provide updates from L2/3 governance groups and wider Programme activity

Programme (PMO)

*0 mins (to be discussed by exception)*



Governance group updates

**Programme Steering Group (PSG)**

**PSG 03 April 2024**

**Qualification Testing (QT) Updates:** PSG received updates on the status of existing QT deliverables and new proposed QT milestones contained within Programme Change Requests (CR) 047 and 048.

**Migration Updates:** PSG received updates on the development of the Migration Control Centre framework and associated consultations.

**Testing Updates:** PSG received updates on the progress of System Integration Testing (SIT) Functional testing, and the status of future SIT stages including SIT Migration and SIT Operational.

**Decision Appeal Lessons Learned:** The IPA provided an overview of reflections on the appeals process following the CR036 appeal. The appeals process will be updated accordingly. PSG papers available [here](#).

**Design Advisory Group (DAG)**

**DAG 10 April 2024**

**CR044 Decision:** DAG recommended design changes should be made, however owing to potential challenges with implementation pre-M10 (Systems ready for migrating MPANs) determined the decision should be escalated to the Programme Steering Group (PSG).

**CR045 Decision:** DAG recommended design changes should be made, however owing to potential challenges with implementation pre-M10 and risks associated with not implementing pre-M10, determined the decision should be escalated to the PSG.

**CR046 Decision:** SRO approved CR046 ([Enabling Metering Point Energy Flow to be changed more than once](#)) for release in a future IR8.x release (date TBC) and with testing impacts (if any) to be discussed via the SIT workstream. DAG papers available [here](#).

**Cross Code Advisory Group (CCAG)**

**CCAG 27 March 2024**

**Horizon Scanning Log:** DCUSA provided updates on DCP411, DCP414, DCP433. REC provided updates on R0037, R0062, R0075, R0098, R0108, R0109, R0121, R0133 & R0156. No new updates from BSC.

**M7 Delivery Planning:** Ofgem are the Authority (Regulator) who will use their Significant Code Review (SCR) Powers to direct Code Artefacts from the MHHS Governance and 'legalise' them into the individual Code Body multi-party agreement governance.

**Mop-up 2 Consultation:** Triaged consolidated comments log will be released w/c 01/04.

**Code Drafting Working Group (CDWG):** April CDWG1 to be cancelled, April CDWG2 to go ahead. CCAG papers available [here](#).

**System Integration Testing Advisory Group (SITAG)\***

**SITAG 20 March 2024**

**SIT Migration Test Scenarios (TS) & Test Cases (TC):** SRO approved the Theme 1 (Forward Migration) TSs & TCs.

**SIT Functional Preparation Work-Off Updates:** Programme provided updates on SIT F Prep work-off, per the meeting slides.

**IPA Updates:** IPA provided overview of volume of assurance recommendations made since April 2023, noting the majority have been implemented.

**Milestones:** SRO approved change of delivery date for Programme milestone T3-TE-0092 (Environment Approach and Plan - SIT Non-Functional). SITAG papers available [here](#).

**Qualification Advisory Group (QAG)\***

**QAG 21 March 2024**

**QA&P:** Updates on comments raised in Annex 1 and Annex 4 were provided. QAG approved the QA&P, Annex 1, and Annex 4.

**QAD Consultation:** QAD to go to REC PAB 26/03 and BSC PAB 28/03.

**Qualification Milestones:** High level changes were proposed to QAG. The two change requests have been raised to manage the changes, CR047 & CR048. QAG confirmed milestone T3-QU-0011. QAG papers available [here](#).

**Migration & Cutover Advisory Group (MCAG)\***

**MCAG 26 March 2024**

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

**Programme Milestones:** No changes to milestones. MCAG papers available [here](#).

Wider Programme Updates

**Participant Checklist:**

- 1.REMINDER: Non-Systems Integration Testing (SIT) Licensed Distribution System Operator (LDSO) Test Scenarios & Test Cases Batch 3 Review – the deadline is **Friday 12 April 2024**
- 2.REMINDER: Non-SIT LDSO Test Data Approach & Plan Consultation – the deadline is **Monday 15 April 2024**
- 3.Non-SIT Supplier & Agent Qualification Testing Test Scenarios Batch 2 Consultation – the deadline is **Friday 19 April 2024**
- 4.Code Mop Up 2 Assurance Review – the deadline is **Monday 22 April 2024**
- 5.REMINDER: Pre-Qualification Submission – the deadline is **Friday 26 April 2024**
- 6.Population of Connection Type for Traditional and Advanced Meters within Measurement Class 'A' Self-Declaration – the deadline is **Monday 29 April 2024**
- 7.Design Interim Releases are live
- 8.SIT Test Scenarios & Test Cases: Themes 1-9 uplifted
- 9.Functional, Non-Functional and Operational Qualification Assessment Criteria following Performance Assurance Board (PAB) approvals
- 10.REMINDER: Secure File Transfer Protocol (SFTP) You can view the **Participant Checklist** on the respective **Planning pages** of the [Collaboration Base](#) and the [MHHS website](#).

**Upcoming Governance Meetings:**

- Thursday 11 April 2024:** Migration Working Group (MWG)
- Tuesday 16 April 2024:** Code Drafting Working Group (CDWG)
- Tuesday 16 April 2024:** Non-Functional Testing Working Group (NFTWG)
- Wednesday 17 April 2024:** [Systems Integration Testing Advisory Group \(SITAG\)](#)
- Wednesday 17 April 2024:** Transition and Operational Readiness Working Group (TORWG)
- Thursday 18 April 2024:** [Qualification Advisory Group \(QAG\)](#)

**Upcoming Events:**

- Pre-Integration Testing (PIT) Guidance Walkthrough Session: **Thursday 04 April 2024**
- Pre-Qualification Submission drop-in sessions: **Wednesday 17 April 2024 at 14:00 – 15:00**
- MHHS Open Day: **23 April 2024**

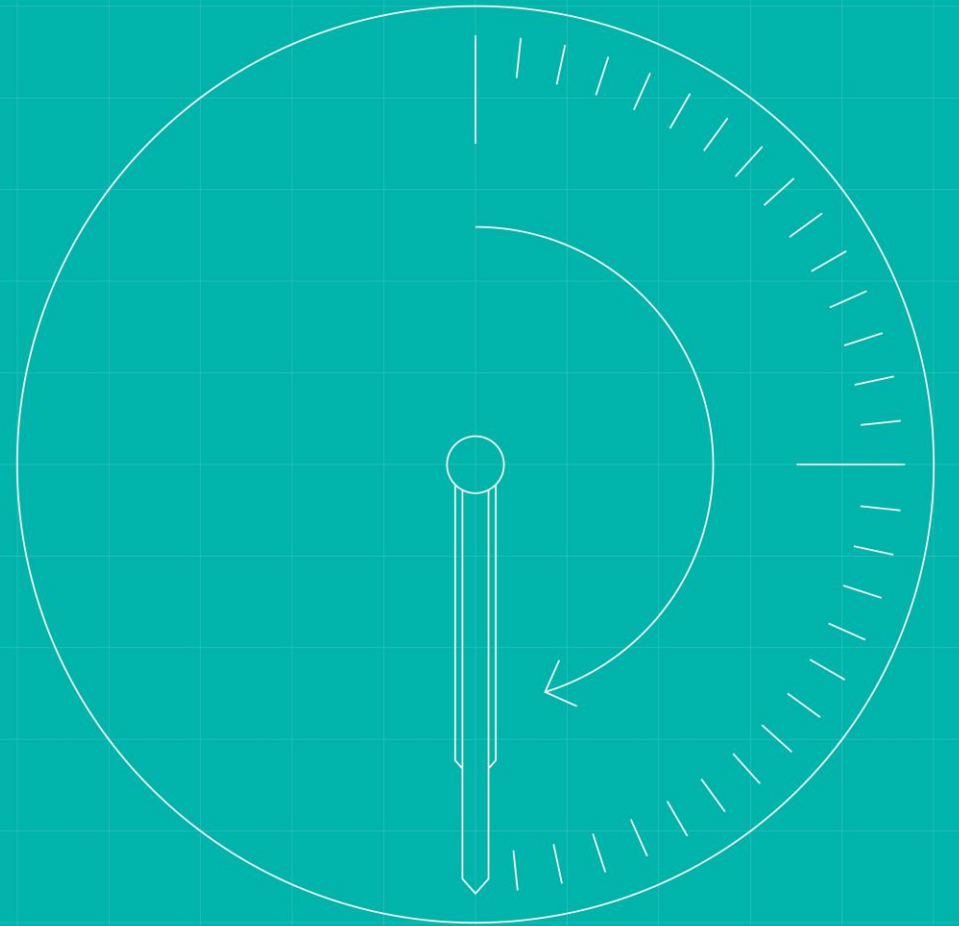
\*SITAG, MCAG, QAG replaced the Testing and Migration Advisory Group (TMAG) in Q1 2024.

# Working Group Report

**INFORMATION:** Provide updates from discussion at the DWG, MWG, EWG, QWG, SITWG, NFTWG and MDSG

Programme (PMO)

*0 mins (to be discussed by exception)*



## Working Group Progress Report

Systems Integration and Testing Advisory Group (SITAG)*				
	Data Working Group (DWG)	Environments and Configuration Management Working Group (EWG)	Systems Integration Test Working Group (SITWG)	Non-Functional Testing Working Group (NFTWG)
<b>Upcoming deliverables</b>	<ul style="list-style-type: none"> <li>SIT Non-Functional and Operational Data approaches issued for industry consultation and awaiting feedback</li> <li>Data to be prepared and passed to DCC for processing - 25th April</li> </ul>	<ul style="list-style-type: none"> <li>Environments Approach and Plan (Non-SIT LDSO) April SITAG</li> <li>Environments Approach and Plan (Settlement testing) Q2 SITAG</li> </ul>	<ul style="list-style-type: none"> <li>SIT Functional Test Themes 6,7,9 (January TMAG)</li> <li>SIT Functional Test Themes 8 (February TMAG)</li> </ul>	<ul style="list-style-type: none"> <li>N/A</li> </ul>
<b>Latest meeting's agenda items</b>	02 May 2024 <ul style="list-style-type: none"> <li>TBC</li> </ul>	07 May 2024 <ul style="list-style-type: none"> <li>TBC</li> </ul>	02 May 2024 <ul style="list-style-type: none"> <li>TBC</li> </ul>	16 April 2024 <ul style="list-style-type: none"> <li>SIT Non-Functional Test Scenarios and Test Cases - Delivery Plan</li> <li>SIT Non-Functional Theme 1 DIP/Helix Volume Testing</li> </ul>
<b>Agenda items from last meeting</b>	04 April 2024 <ul style="list-style-type: none"> <li>Data Schedule Update</li> <li>SIT Functional Cycle 2 progress</li> <li>SIT Non-Functional Data Approach and Operational Approach</li> <li>SIT Migration</li> </ul>	02 April 2024 <ul style="list-style-type: none"> <li>Environments POAP</li> <li>Non-Functional Testing Architecture</li> <li>PP Releases – Raising an RFC</li> <li>Environments Approach &amp; Plan document Uplift</li> </ul>	04 April 2024 <ul style="list-style-type: none"> <li>SIT Migration Testing Test Scenarios &amp; Test Cases Themes 2&amp;3</li> <li>SIT Operational Test Scope</li> <li>SIT Operational Test Approach and Plan Delivery Schedule</li> <li>SIT Migration – Readiness and Approach</li> <li>SIT Functional Cycle 2 Settlement Testing – Readiness and Approach</li> </ul>	19 March 2024 <ul style="list-style-type: none"> <li>Participant NFT documentation</li> <li>SIT Non-Functional Test approach and Plan</li> </ul>
<b>L3 escalations</b>	None	None	None	None

## Working Group Progress Report

Migration and Cutover Advisory Group (MCAG)*			
	Migration Working Group (MWG)	Data Cleanse Working Group (DCWG)	Transition & Operational Readiness Working Group (TORWG)
<b>Upcoming deliverables</b>	Consult on Principle and process for: <ul style="list-style-type: none"> <li>Developing and initialising the Migration Schedule</li> <li>Maintaining the Migration Schedule</li> </ul>	<ul style="list-style-type: none"> <li>N/A</li> </ul>	<ul style="list-style-type: none"> <li>M10/M11 Cutover Plan</li> </ul>
<b>Latest meeting's agenda items</b>	11 April 2024 <ul style="list-style-type: none"> <li>Update on R488 (Export meters)</li> <li>MHHS Migration Framework Artefacts Consultation Themes</li> </ul>	25 April 2024 <ul style="list-style-type: none"> <li>TBC</li> </ul>	17 April 2024 <ul style="list-style-type: none"> <li>M10 / M11 Cutover Plan Governance and Choreography</li> <li>Early Life Support Model</li> </ul>
<b>Agenda items from last meeting</b>	14 March 2024 <ul style="list-style-type: none"> <li>MWG Progress Update</li> <li>Unresolved Migration Framework Development Workshop Items</li> <li>RAID Review</li> </ul>	28 March 2024 <ul style="list-style-type: none"> <li>Import / Export Matching LDSO Self-Declaration</li> <li>Population of ESME ID, Domestic Premises Indicator, Meter Location and Number of Displayed Register Digits</li> <li>Data Cleanse Reporting</li> <li>Review of Data Cleanse Plan Key Dates</li> </ul>	20 March 2024 <ul style="list-style-type: none"> <li>Qualification</li> <li>Deployment of MHHS Functionality</li> <li>Early Life Support Model</li> </ul>
<b>L3 escalations</b>	None	None	None

Qualification Advisory Group (QAG)*	
	Qualification and E2E Sandbox Working Group (QWG)
<b>Upcoming deliverables</b>	<ul style="list-style-type: none"> <li>N/A</li> </ul>
<b>Latest meeting's agenda items</b>	14 May 2024 <ul style="list-style-type: none"> <li>TBC</li> </ul>
<b>Agenda items from last meeting</b>	09 April 2024 <ul style="list-style-type: none"> <li>New Entrants Approach for MHHS Qualification</li> <li>Update on Qualification Artefacts</li> <li>Focused Working Groups for QT</li> <li>LDSO QT Updates</li> <li>S&amp;A QT Framework Update</li> </ul>
<b>L3 escalations</b>	None

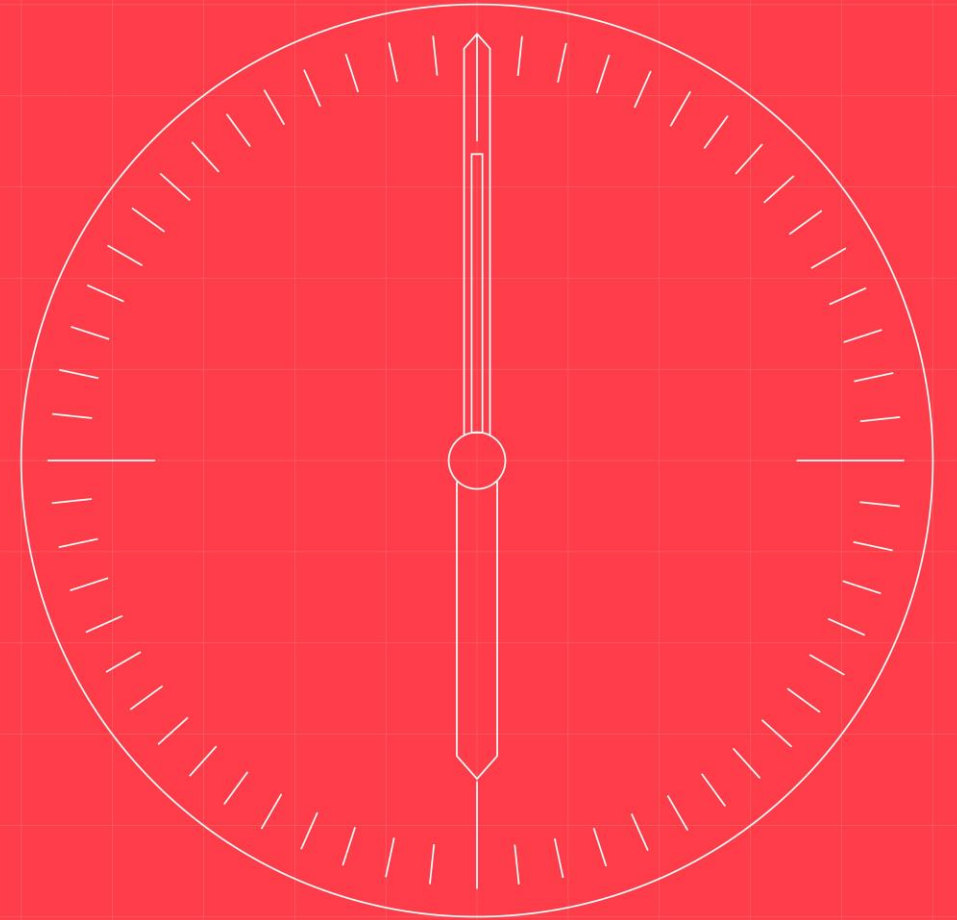


# Summary and Next Steps

**INFORMATION:** Summarise actions/decisions and look ahead to the next SITAG

*Chair and Secretariat*

*5 mins*





## Summary and next steps

### Next steps:

1. Confirm actions and decisions from meeting
2. Date of next regular SITAG: **15 May 2024 at 10am**
3. MHHS Open Day: 23 April 2024

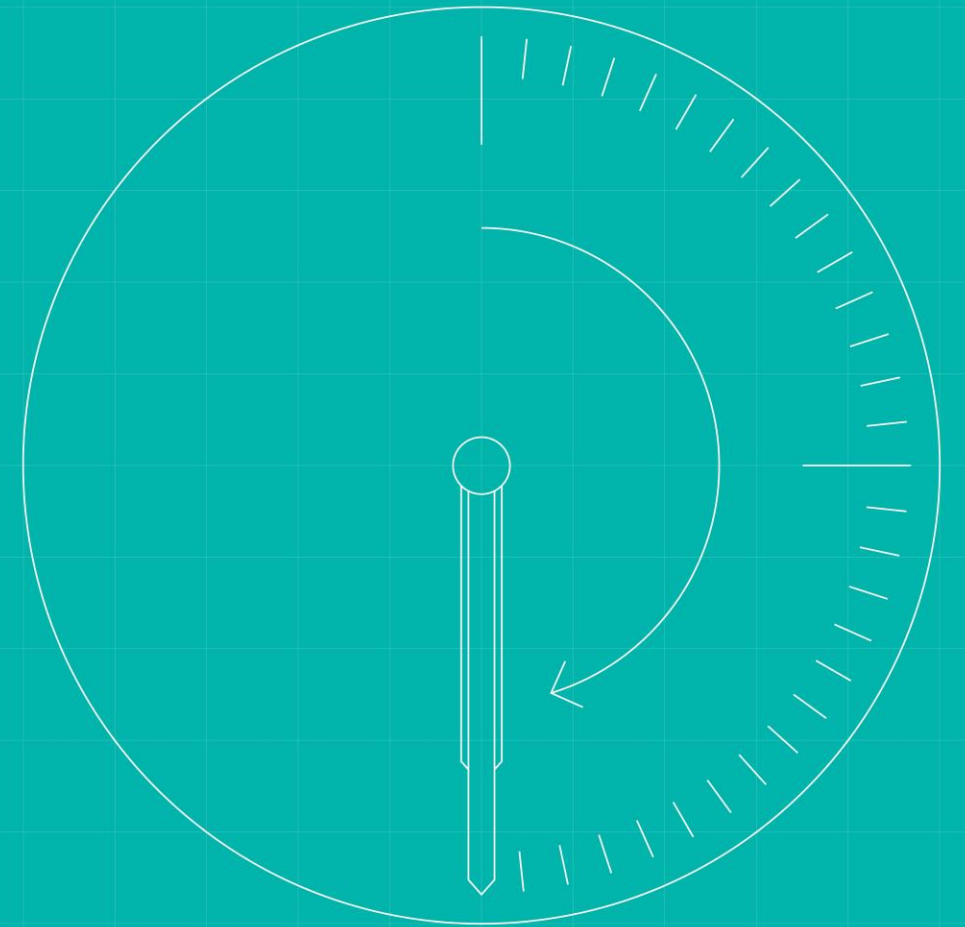
### Upcoming agenda items:

Meeting dates	15-May
Relevant milestones or activities	<ul style="list-style-type: none"><li>• SIT Non-Functional Testing Test Approach &amp; Plan</li><li>• SIT Non-Functional Testing Test Data Approach &amp; Plan</li><li>• SIT Operational Testing Test Approach &amp; Plan</li></ul>
Agenda items	<ul style="list-style-type: none"><li>• SIT Functional progress updates</li></ul>
Standing items	<ul style="list-style-type: none"><li>• Minutes and actions review</li><li>• Programme updates</li><li>• Working group report</li><li>• 3 Month Milestone Look Ahead &amp; Milestone Changes</li><li>• Top Programme Risks related to TMAG</li><li>• Next steps and agenda roadmap</li></ul>

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

# Appendix

## Advisory Groups Update



## New Advisory Groups Update

System Integration & Testing Advisory Group (SITAG)	
Monthly cadence: <b>Third Wednesday of the month</b> First Meeting: <b>Weds 21 Feb 2024</b>	
Representative	Seat Filled
Elexon (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
Consumer	No**
National Grid ESO	Yes

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

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

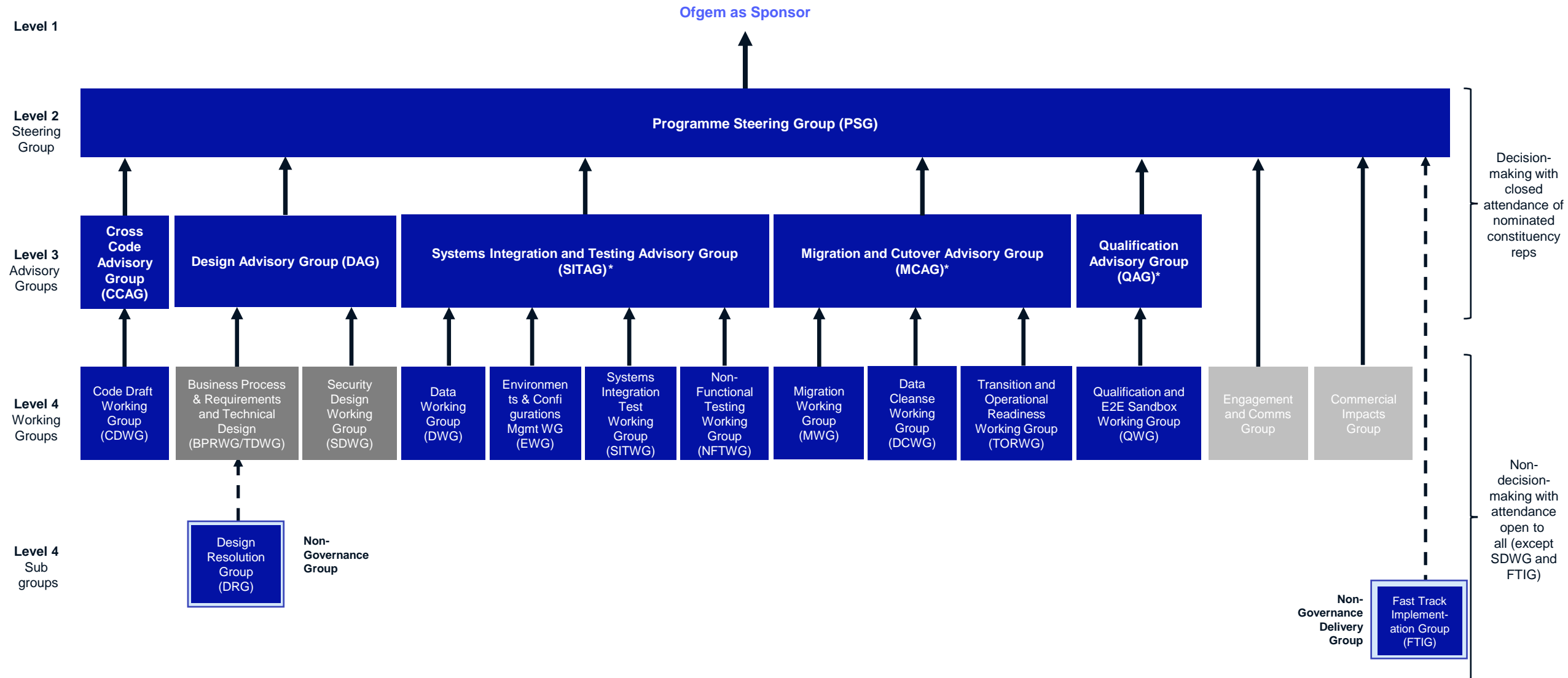
Nominations may be submitted to [PMO@mhhsprogramme.co.uk](mailto:PMO@mhhsprogramme.co.uk) using the [Nomination Form](#) available on the [MHHS Website](#)

\*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.

Colour Key	
Recent change	Seat vacant

# MHHS Governance and Decision-Making Structure



Key	Mobilised	Mobilisation in progress	To be mobilised in future	May be mobilised	Available for any ad hoc meetings

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

# Thank you