



MHHS  
PROGRAMME

Industry-led, Elexon facilitated

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# SIT Advisory Group (SITAG) #01

## 21 February 2024

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Version 1.0

MHHS-DEL2236

## Agenda (1/2)

#	Item	Objective	Type	Lead	Time	Page
1	Welcome			Chair	10:00-10:05 5 mins	2
2	Overview of SITAG	Overview of scope and remit of the new SITAG	Information	Programme (PMO)	10:05-10:10 5 mins	4
3	SITAG Terms of Reference	Review draft SITAG Terms of Reference ahead of submission to Programme Steering Group (PSG) for approval	Decision	Programme (PMO)	10:10-10:20 10 mins	7
4	Minutes and Actions	Review of minutes and actions of last Testing and Migration Advisory Group (TMAG)	Decision	Chair and Secretariat	10:20-10:30 10 mins	9
5	SIT Functional Test Scenarios and Test Cases	Update on test scenarios and test cases and decision on approval of Theme 8	Decision	Programme (Kevin Davis)	10:30-10:40 10 mins	11
6	Governance Choreography for SIT Functional Commencement	Overview of Programme milestones and decision choreography leading to SIT Functional Start	Information	Programme (Lee Cox)	10:40-10:50 10 mins	13
7	Non-Functional Testing Approach and Plan Revised Delivery Schedule	Provide revised delivery schedule for Non-Functional Testing artefacts	Decision	Programme (Lee Cox)	10:50-11:00 10 mins	17
8	SIT Migration Test Scenario and Test Cases Delivery Plan	Agreement of Agreement of delivery plan for SIT Migration artefacts	Decision	Programme (Lee Cox)	11:00-11:10 10 mins	20
9	IPA Updates	Updates from the IPA on test assurance	Information	IPA (Taylor Thorpe)	11:10-11:20 10 mins	23
10	Programme Updates	Updates from L2/3 governance groups and wider Programme updates	Information	Programme (PMO)	0 mins	26
11	Working Group Report	Updates from Level 4 Working Groups under SITAG: DWG, EWG, NFTWG, and SITWG.	Information	Working group leads	0 mins	28
12	Programme Milestones related to SITAG	Overview of upcoming Programme Milestones related to SITAG and any milestone changes for approval	Information / Decision	Programme (PMO)	11:20-11:25 5 mins	30

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## Agenda (2/2)

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#	Item	Objective	Type	Lead	Time	Page
13	<a href="#">Top Programme Risks related to SITAG</a>	Overview of Programme Risks related to SITAG	Information	Programme (PMO)	11:25-11:30 <i>5 mins</i>	34
14	<a href="#">Summary and Next Steps</a>	Summarise actions/decisions and look ahead to the next SITAG	Information	Chair and Secretariat	11:30-11:35 <i>5 mins</i>	36
	<a href="#">Attachments</a>	Attachment 1 – SITAG ToR v0.x				

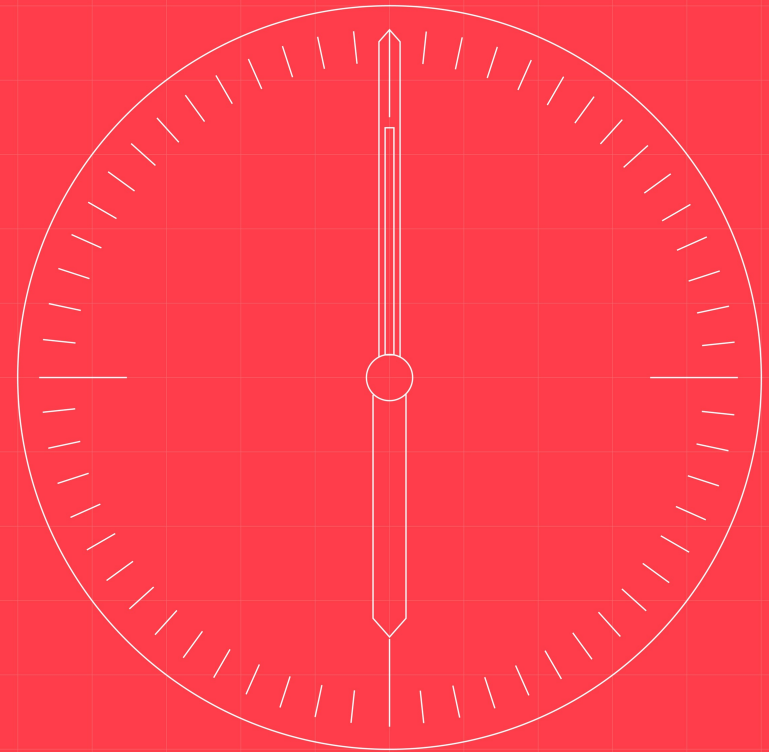
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# Overview of SITAG

**INFORMATION:** Overview of scope and remit of the new SITAG

*Chair and Secretariat*

*5 mins*



## Overview of SITAG

### Context

Established from splitting the former Testing and Migration Advisory Group (TMAG) into three separate Advisory Groups:

- SITAG
- Migration and Cutover Advisory Group (MCAG)
- Qualification Advisory Group (QAG)

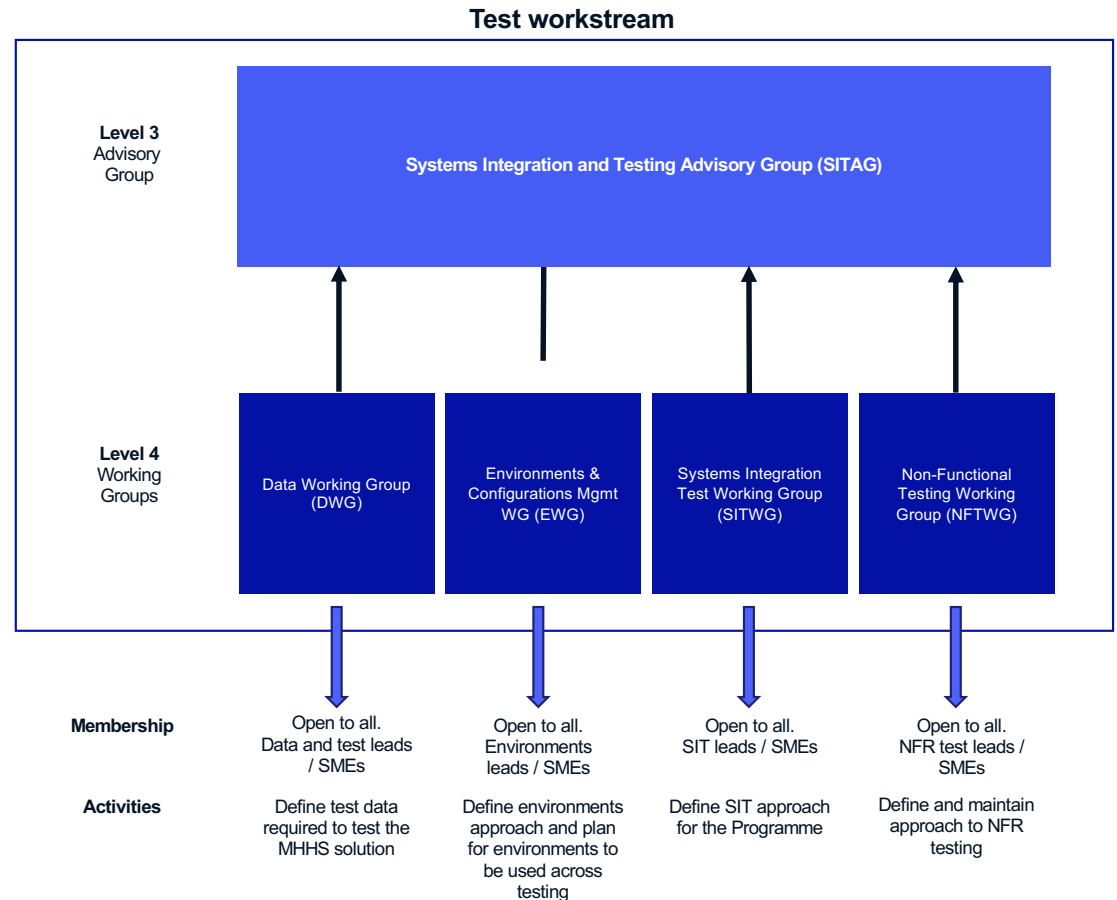
### Core Responsibilities

Oversee the successful development, management, and implementation of System Integration Testing

Give programme participants a voice in programme decision making

Advise the SRO / SITAG Chair on decisions

### SITAG Working Groups



## 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	Nomination received
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
National Grid ESO	Yes
Consumer	No**

Migration & Cutover Advisory Group (MCAG)	
Monthly cadence: <b>Fourth Tuesday of the month</b> First Meeting: <b>Tues 27 Feb 2024</b>	
Representative	Nomination received
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	Nomination received
RECCo (Qualification Body)	Yes
BSCCo (Qualification Body)	Yes
Large Supplier	Yes
Medium Supplier	Yes
Small Supplier	No
I&C Supplier	Yes
Supplier Agent	Yes
Supplier Agent (Independent)	Yes
DNO	Yes
iDNO	Yes
Consumer	No**

Colour Key	
Recent change	Seat vacant



\*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.

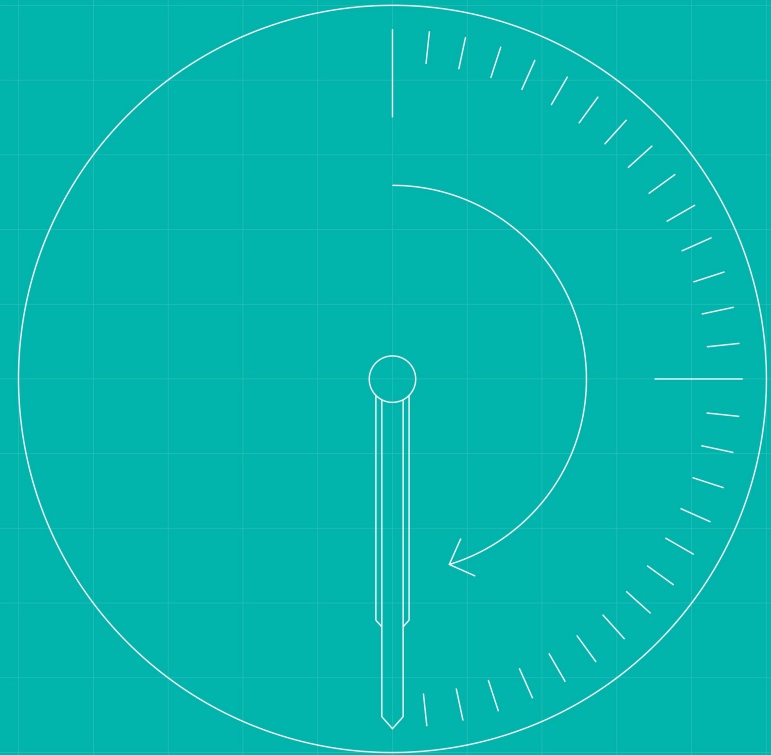
\*\* Consumer constituency has confirmed they do not intend to provide a representative for SITAG, MCAG, or QAG owing to the technical nature of these meetings. Attendance will be by exception where required.

# SITAG Terms of Reference

**DECISION:** Review SITAG Terms of Reference ahead of submission to Programme Steering Group (PSG) for approval

*Chair and Secretariat*

*10 mins*



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## Recommendation on SITAG ToR

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The SITAG are requested to provide any comments on the draft SITAG ToR in advance of the meeting (see Attachment 1).

The SITAG are requested to agree the draft SITAG ToR should be recommended for approval to the Programme Steering Group (PSG)

**DECISION [01]**

**SITAG to recommend to the PSG that the MCAG ToR be approved**

Next steps:

- Subject to agreement, the SITAG ToR will be submitted to the PSG for approval on 06 March 2024

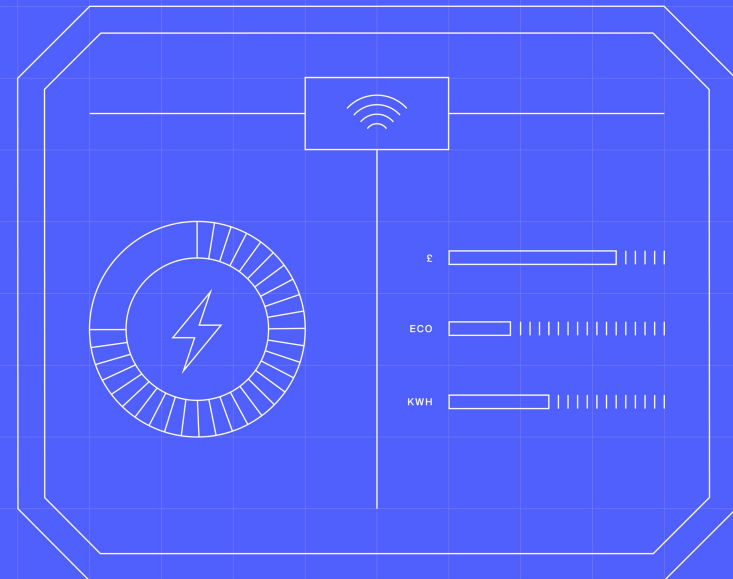


# Minutes and Actions

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

Chair and Secretariat

*5 mins*



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## Minutes and Actions Review

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1. **Approval of Headline Report** from 17 January 2024 TMAG
2. **Review outstanding actions** (actions will be discussed by exception. Please review the action updates ahead of the meeting)

Ref	Action	Owner	Due	Latest Update
TMAG29-02	Programme to identify ownership of milestones which Advisory Group they sit within	Programme (PMO)	February 2024	RECOMMEND CLOSED: Milestones reviewed and assigned to relevant new Advisory Group. See Agenda Item 10.
TMAG32-01	Programme to check if they have received the Supplier Agent (Independent) nomination for MCAG	Programme (PMO)	18/01/24	NOTE: Action transferred to Migration and Cutover Advisory Group (MCAG). Seat now filled and action will be recommended closed. Supplier Agent seat continues to be vacant both at SITAG and MCAG.

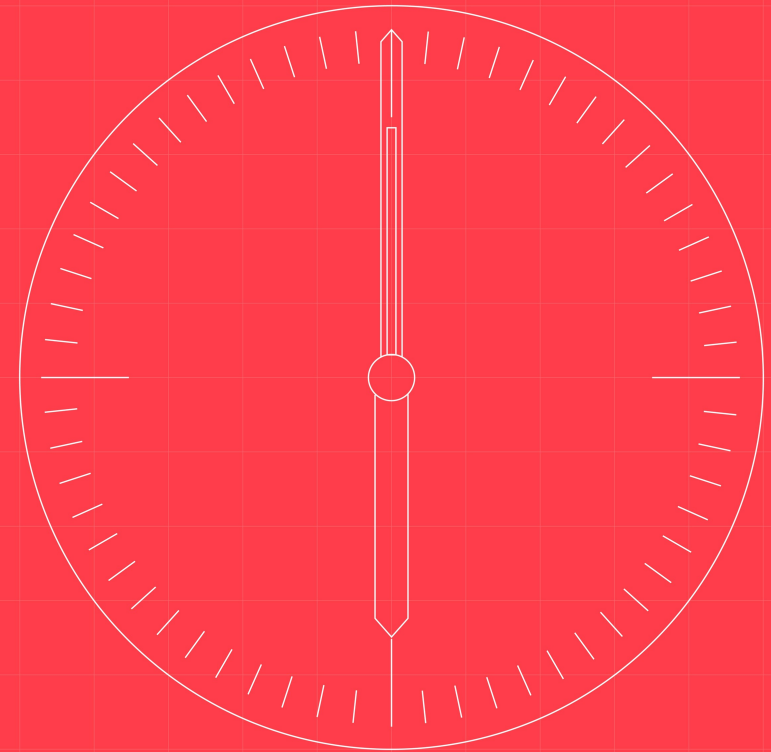
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# SIT Functional Test Scenarios and Test Cases

**DECISION:** Update on test scenarios and test cases and decision on approval of Theme 8

Programme (Kevin Davis)

*10 mins*



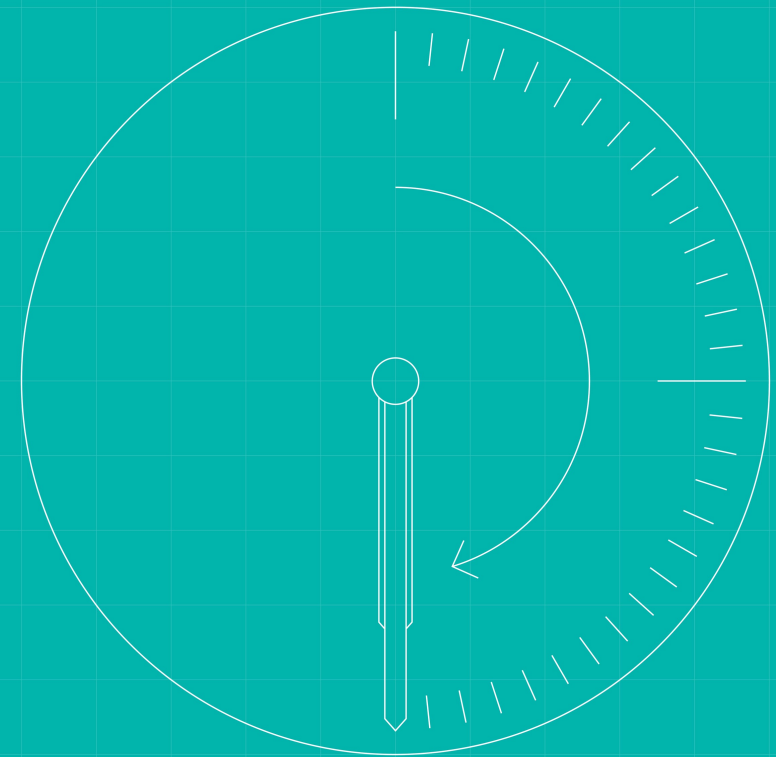
- We have completed rounds of reviews and updates for content under Theme 8 – Settlement.
- The programme received 07-Feb SITWG recommendation for approval of the scenarios and test cases under this theme.
- **Decision:** We would like to request SITAG approval of Theme 8 – Settlement.

# Governance Choreography for SIT Functional Commencement

**DECISION:** Approval of the SIT Functional Test Scenarios and Test Cases, following SITWG recommendation

Programme (Kevin Davis)

*10 mins*



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## Proposed Milestone approval approach ahead of SIT Functional start

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### Situation

- Milestones which track participants' provision of SIT Functional artefacts, SI review / feedback and participants' completion of those artefacts is based on those milestones being passed **only** when **all** Participants (or the programme) have met the milestone criterion
- This has led to milestones continuing to be reported RED, even when most participants have completed their artefacts – which leads to a lack of insight on actual risks leading to a successful start to SIT Functional
- Ultimately, this approach to milestone governance means that all the related milestone statuses reflect the progress of the slowest participant within the 30 SIT parties, even if that participant is not critical to SIT Functional start.

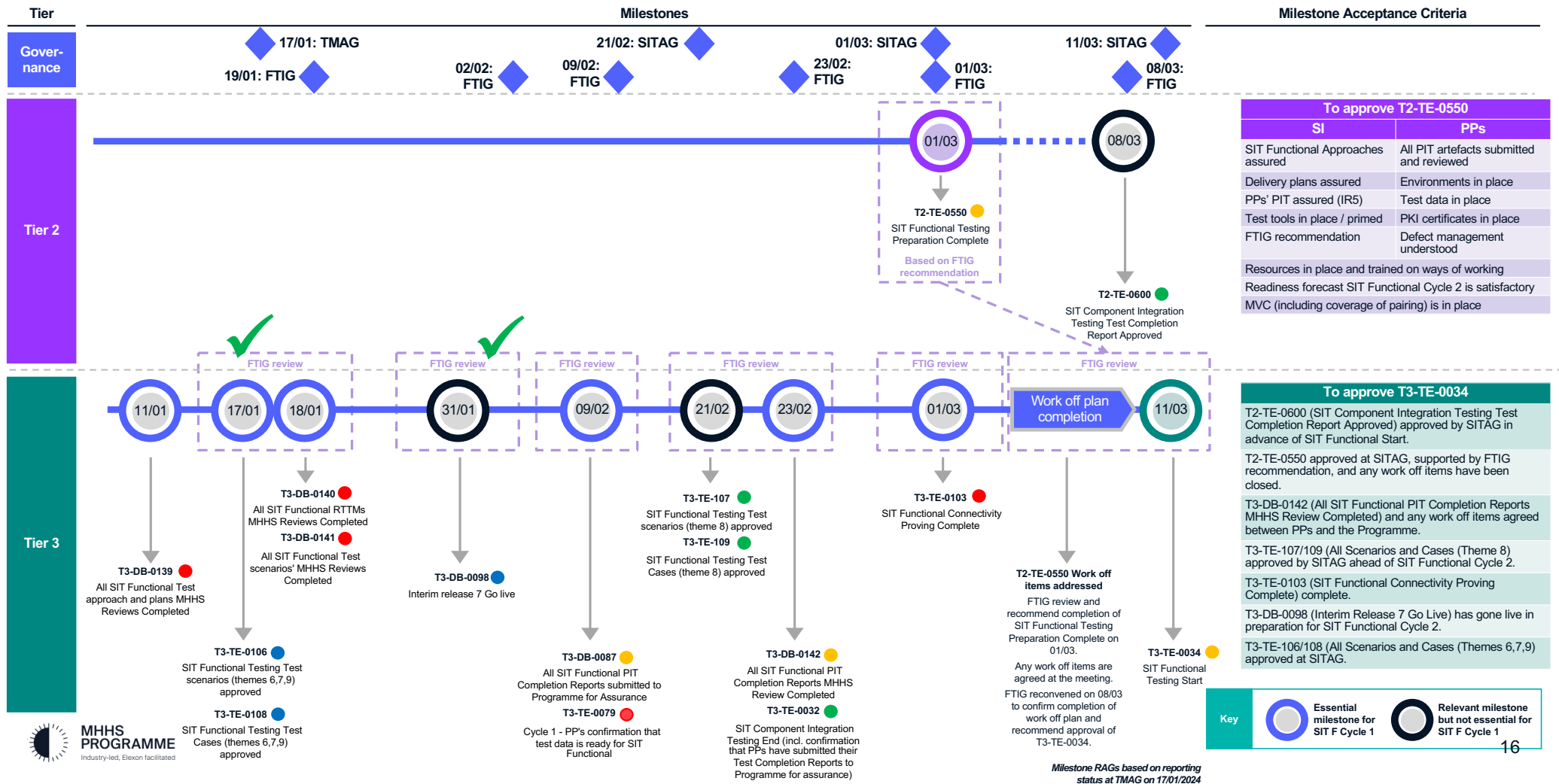
### Proposal

- These milestones should come to SITAG with proposals, supported by reporting, about whether they may be approved based on manageable risk:
  - if sufficient parties to form an MVC across all cohorts have met the milestone criterion, the milestone should be passed, with work-off plans for all other PPs
  - if any specific MVC party has not met the milestone criterion but is not required to start SIT Functional on 11-Mar due to a later schedule agreed with the SI, then the milestone should be passed with a work-off plan to track the alternatively-agreed schedule
  - if any specific MVC party has not met the milestone criterion and is unlikely to do so in a way that practically retains their involvement in SIT Functional, then the milestone may still be passed but only if there is a viable contingency plan to adjust the MVC, supported by the IPA
- Where SI assurance reviews of provided participant documents have been conducted and the participant has received the result of the review, the milestone is considered passed for that participant, per the milestone criterion
  - as part of the SIT Functional PIT Completion Report review process, the SI will check in on completion of any requested actions from such reviews
- Such SITAG reporting will always be anonymised in terms of participant names, so the programme proposes to share the full information confidentially with the IPA – and for the IPA to review SITAG reporting and approval / work-off plan proposals, to ensure integrity of the process

## Recommended milestone approval

Milestone ID	Milestone Title	Baseline Date	Forecast Date	Commentary
T3-DB-0139	All SIT Functional Test approach and plans MHHS Reviews Completed	11-Jan-24	21-Feb-24	<p>All SIT parties have provided their documents, the programme (SI) has reviewed all documents and communicated observations and any relevant requests to each SIT party.</p> <p>Programme (SI) is following up to get confirmation on closure of outstanding requests – which will be validated bilaterally either before, or as part of the SIT Functional PIT Completion Reports to be submitted to the programme under T3-DB-0087 'All SIT Functional PIT Completion Reports submitted to Programme for Assurance'.</p>

# Overview of SIT Functional Decision Choreography



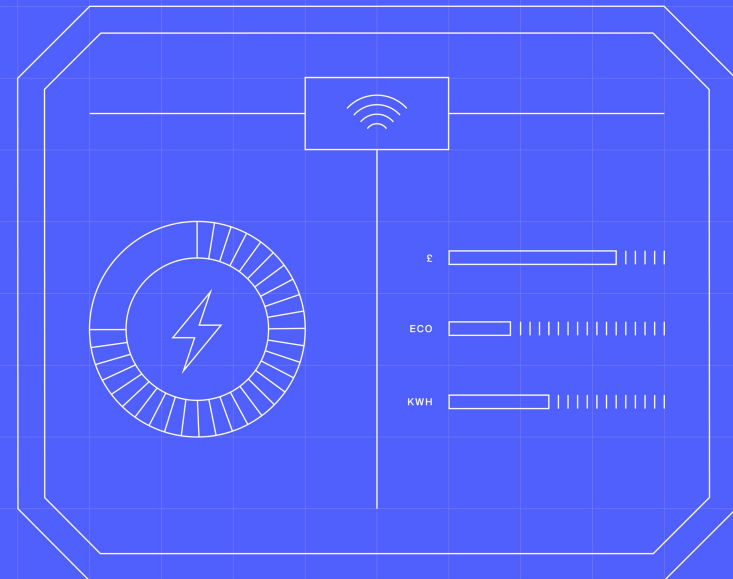


# Non-Functional Testing Approach and Plans Revised Delivery Schedule

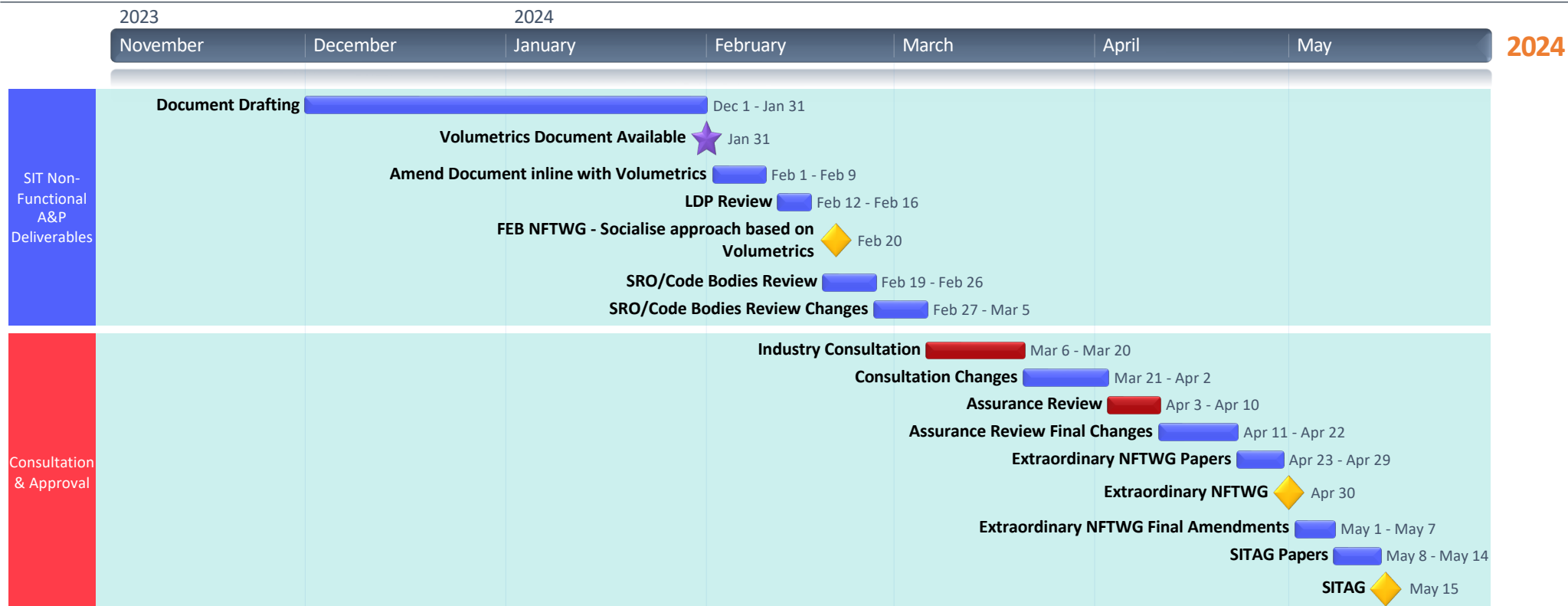
**DECISION:** Provide revised delivery schedule for Non-Functional Testing artefacts

Programme (Lee Cox)

*5 mins*



## SIT Non-Functional Test Approach & Plan + SIT Non-Functional Test Data Approach & Plan – Detailed Plan: May Approval



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## Recommendation on SIT Non-Functional Test Approach & Plan revised delivery Schedule

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**DECISION [02]**

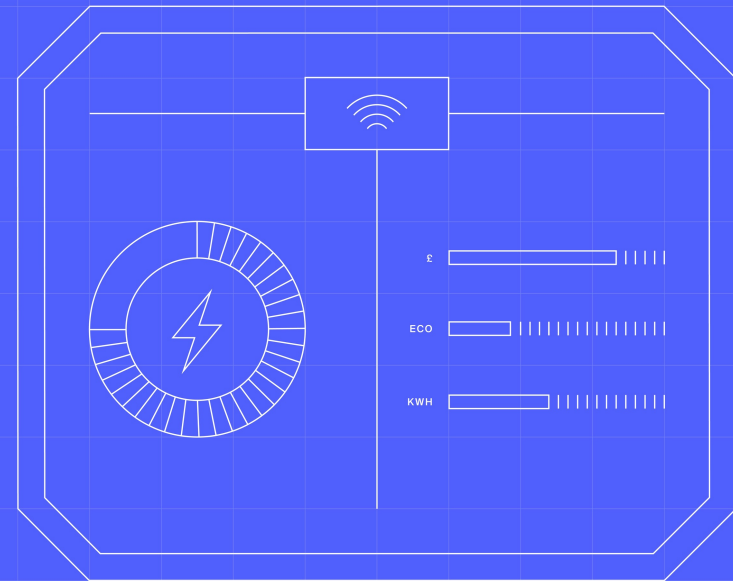
**Request SITAG Approval of revised delivery plan enabling Proposed revised Approval Milestones to be confirmed**

# SIT Migration Test Scenario and Test Cases Delivery Plan

**DECISION:** Provide revised delivery schedule for Non-Functional Testing artefacts

Programme (Lee Cox)

*5 mins*





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## Recommendation on SIT Migration Test Scenario and Test Case Themed delivery Schedule

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**DECISION [03]**

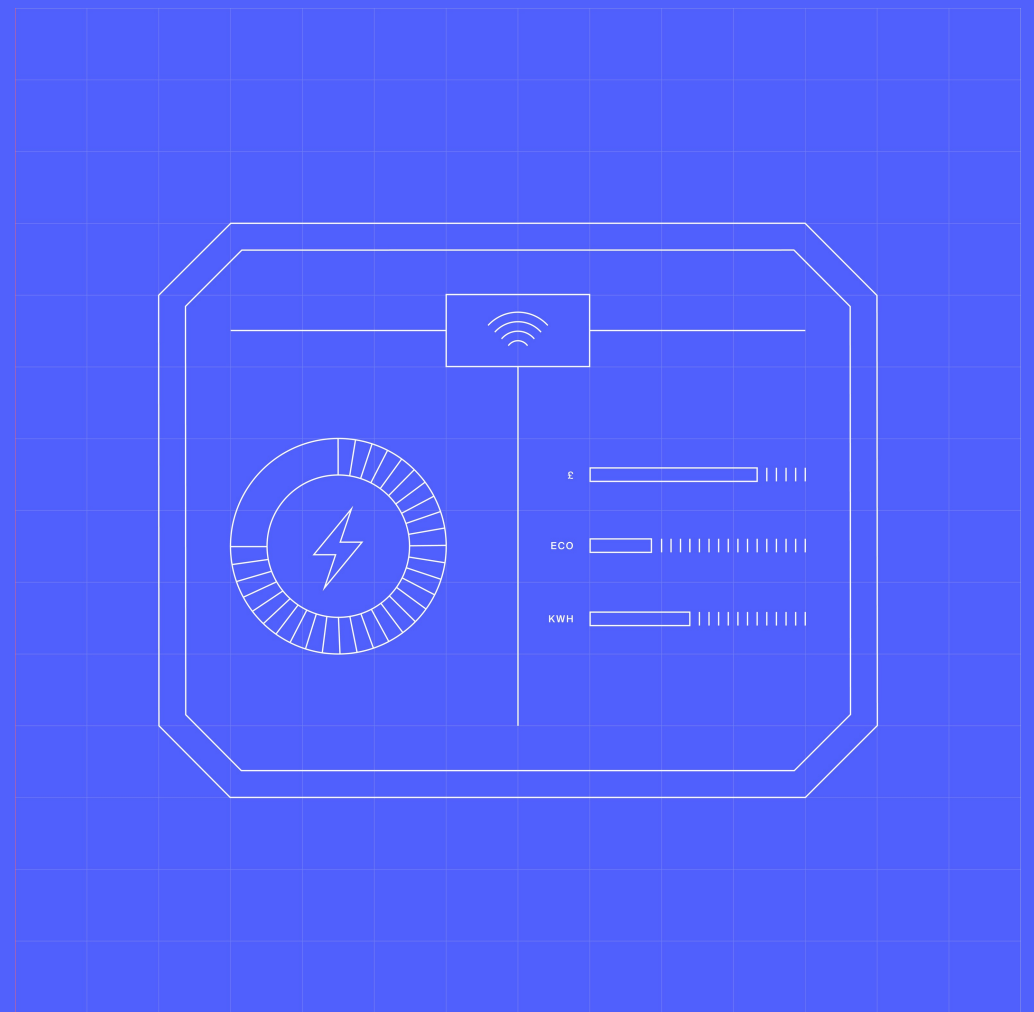
**Request SITAG Approval of revised delivery plan enabling Proposed revised Approval Milestones to be confirmed**

# IPA Updates

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

IPA (Taylor Thorpe)

*10 mins*



# MHHS IPA

## IPA Test Assurance Period 3

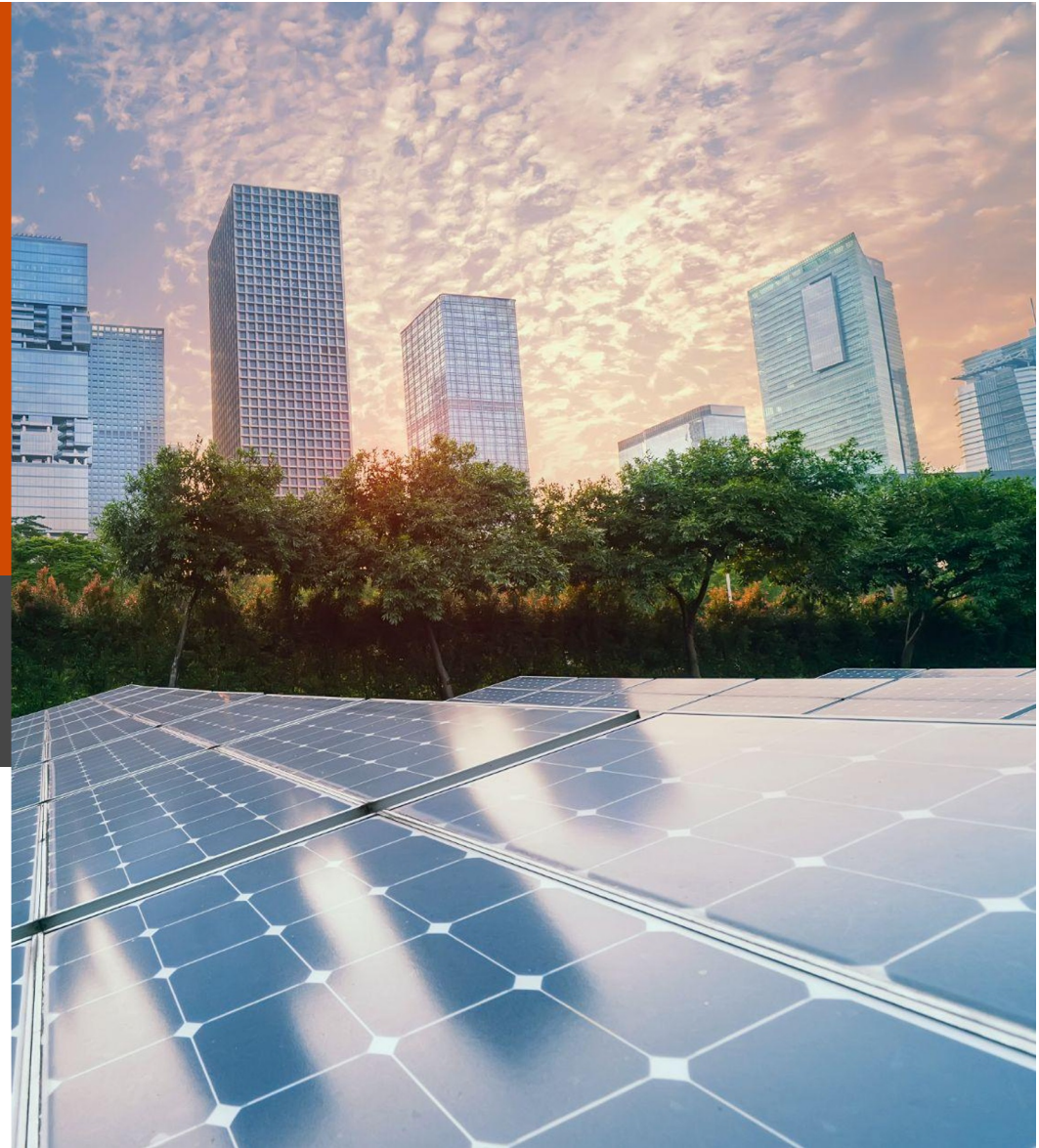
February 2024

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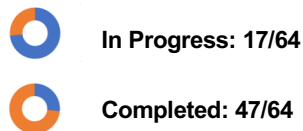


Status as at 12 February 2024 (P1 - Test Assurance “Period 1” ending August 2023; P2 - “Period 2” ending October 2023; P3 - “Period 3” ending January 2024)

## Earlier Report Recommendations

- **P1: 25 actions agreed in total (20 closed, 5 open)**
- **P2: 32 actions agreed in total (20 closed, 12 open)**
- **P3 (Interval 3): 7 actions agreed in total (7 closed)**

We meet monthly with LDP to track progress of agreed actions from earlier Testing Assurance reports. 16 actions have been closed since the last report, and no new actions have been added. The current status of the agreed actions is as follows:



Of those actions currently in progress, eleven are overdue. These sit with a combination of LDP, SRO, and core capability providers. Some progress has been made, but final updates and validation are required to close them.

## Readiness for SIT Functional Assurance

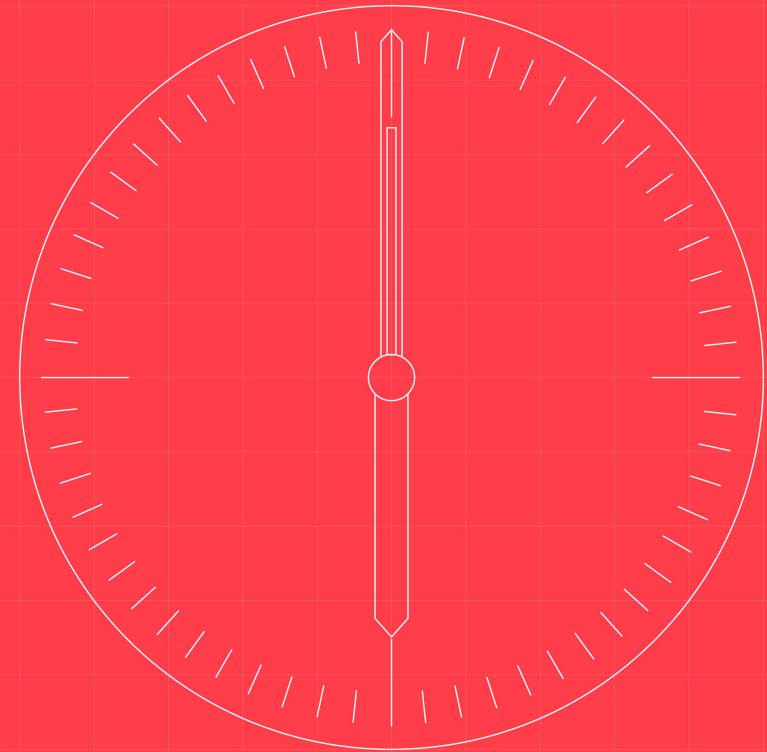
- The IPA are carrying out fieldwork for our next assurance period P05. This assurance is focused on participant and LDP readiness for SIT Functional. Our approach was discussed with LDP and SRO before being presented at 26 January FTIG.
- Field work started w/c 05 February with 4 sessions held already and 8 other sessions booked.
- Findings from P05 fieldwork will be provided for SIAG 01 March, FTIG 08 March and SITAG 11 March, to feed into the Programme decision making choreography for the start of SIT Functional.
- We will continue to work closely with the Programme to provide real time observation and recommendations (once validated with the participant) to the Programme.

# 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)	Testing and Migration Advisory Group (TMAG)	Design Advisory Group (DAG)	Cross Code Advisory Group (CCAG)
<p><b>PSG 07 February 2024</b></p> <ol style="list-style-type: none"> <li><b>Sponsor Update:</b> Ofgem advised DESNZ consider smart metering as an important factor in future innovation. Progressing MHHS according to the timelines within the Programme Plan is considered essential and DESNZ are keen to support industry parties in ensuring timelines are met.</li> <li><b>Qualification Testing:</b> Responses on the draft Qualification Approach and Plan are due 14 February 2024. Further consultation will be issued soon. Notice of all consultations and response deadlines will be provided in The Clock.</li> <li><b>Migration Updates:</b> A Migration Control Centre (MCC) Framework is under development with workshop sessions to be held in February 2024. Initial principles and known complexities were shared with the PSG. Participants are encouraged to attend the Migration Working Group to support understanding of migration requirements.</li> <li><b>CR042 Decision:</b> The PSG approved CR042 which changes a Tier 2 migration milestone date.</li> <li><b>Future Readiness Assessments:</b> Changes to upcoming Readiness Assessments were approved which reduce effort required by participants.</li> <li><b>CR036 Decision Appeal:</b> The IPA advised the appeal is ongoing, and reminded parties they are expected to continue activities according to the original decision.</li> </ol> <p>PSG papers available <a href="#">here</a>.</p>	<p><b>TMAG 17 January 2024</b></p> <ol style="list-style-type: none"> <li><b>CR037 Decision:</b> The TMAG approved CR037 (<a href="#">Migration Message Processing Choreography Update</a>) was approved for implementation. The updated MHHS Design will be included in Interim Release (IR) 8 on 03 April 2024 and will be deployed into SIT Non-Functional testing scheduled to commence on 02 September 2024.</li> <li><b>SIT Functional Test Scenarios and Test Cases:</b> Theme 8 (settlement and coverage gaps) were issued for review on 12 &amp; 19 January 2024. The Programme will respond to all comments received ahead of the target approval date at the February 2024 SIT Advisory Group (SITAG).</li> <li><b>SIT Functional Test Scenarios and Test Cases (Themes 6,7,9):</b> Themes 6, 7, 8 were issued to participants for review on 15 December 2024 and replies provided to respondents. On 08 January 2024 the SITWG recommended approval. The TMAG approved themes 6, 7, 8.</li> <li><b>Additional Secondary Routing:</b> The Programme advised additional secondary routing testing would be conducted between CIT and SIT Functional, led by the Programme Testing Team. The DIP Simulator will be extended for this, and following successful completion, IR5.3 will be deployed.</li> </ol> <p>TMAG papers available <a href="#">here</a></p>	<p><b>DAG 10 January 2024</b></p> <ol style="list-style-type: none"> <li><b>CR039 Impact Assessment:</b> CR039 (<a href="#">Registration Service IF-40 Change</a>) was approved for issuance to IA subject to agreed amendments. Responses are due by 31 January 2024.</li> <li><b>CR040 Impact Assessment:</b> CR040 (<a href="#">Change to NFR E2F1009 for DNO IDNO roles (LDSO UMSO Registrations)</a>) was approved for issuance to IA subject to agreed amendments. Responses are due by 24 January 2024.</li> <li><b>CR041 Impact Assessment:</b> CR041 (<a href="#">Change the format of Market Participant Role Code from Char(1) to Char(2)</a>) was approved for issuance to IA subject to agreed amendments. Responses are due by 24 January 2024.</li> <li><b>Interim Releases:</b> The next design releases are IR7 on 31 January 2024 and IR8 on 03 April 2024. Subsequent release dates are TBC.</li> <li><b>CR036 Updates:</b> CR036 (<a href="#">Use of Clock Midnight for Appointments and Reads</a>) was approved at the December 2023 DAG meeting and is scheduled for IR7 with implementation in SIT Functional Cycle 2 in June 2024. A Design Resolution Group (DRG) was held 12 January 2024 to refine the redlining of the change that will be released in IR7.</li> </ol> <p>DAG papers available <a href="#">here</a></p>	<p><b>CCAG 23 January 2024</b></p> <ol style="list-style-type: none"> <li><b>CDWG Escalations:</b> The CCAG approved the Transitional Text and Interfaces code drafting following a recommendation from the CDWG. It was confirmed that any changes to the approved text as a result of new Programme Change Requests (CRs) or Design Issue Notifications (DINs) which progress despite the Programme change freeze would be reviewed and approved as part of the 'Topic Area Mop-Up' code drafting tranche.</li> <li><b>Consequential Code Change Delivery:</b> The BSC advised qualification and performance assurance code drafting will be discussed at the January 2024 Elexon PAB. The CUSC advised changes to TNUoS charging required as a result of MHHS have been discussed with Ofgem and will be decoupled from CCAG-led code drafting and progressed via standard CUSC governance. CUSC changes are targeted for approval by 30 September 2024 for the start of the charging year.</li> <li><b>Licence Review:</b> The Programme has reviewed potential licence changes required for MHHS and no change requirements have been identified. A consultation will be issued in due course.</li> </ol> <p>CCAG papers available <a href="#">here</a></p>

Wider Programme Updates

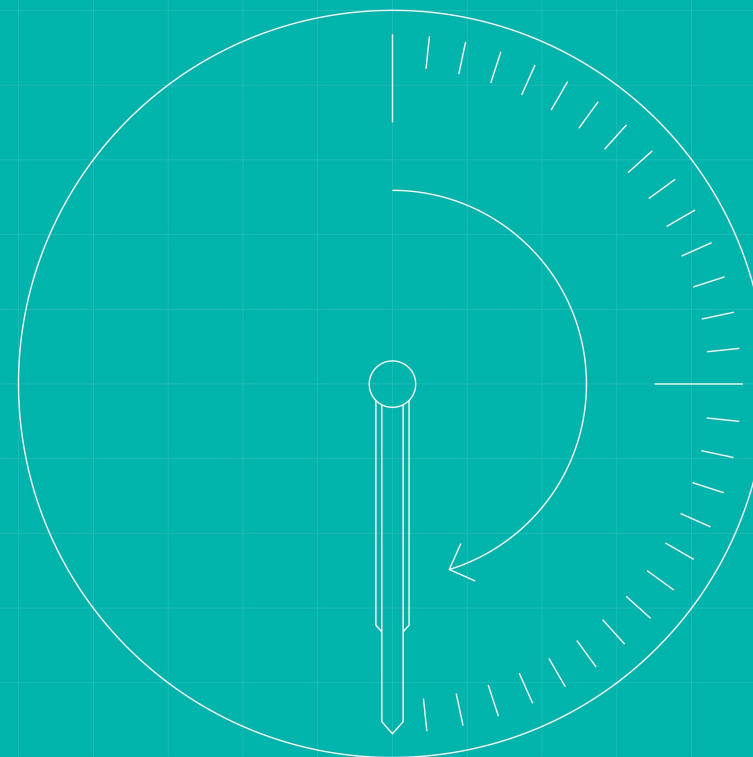
<p><b>Participant Checklist:</b></p> <ol style="list-style-type: none"> <li>REMINDER: Qualification Approach &amp; Plan Consultation – the deadline is today, Wednesday 14 February 2024</li> <li>REMINDER: Qualification Approach &amp; Plan Annex 1: Non-Systems Integration Testing (SIT) Licensed Distribution System Operator (LDSO) MHHS Qualification Testing Approach &amp; Plan Consultation – the deadline is today, Wednesday 14 February 2024</li> <li>REMINDER: Qualification Approach &amp; Plan Annex 4: Non-Completion of Qualification Consultation – the deadline is today, Wednesday 14 February 2024</li> <li>REMINDER: SIT Functional Participant Readiness Report Template – the deadline is today, Wednesday 14 February 2024</li> <li>REMINDER: MHHS Supply, Distribution &amp; Transmission Licence Review Consultation – the deadline is Wednesday 13 March 2024</li> <li>REMINDER: Pre-Qualification Submission – the deadline is Friday 26 April 2024</li> <li>Design Interim Release 5.4 Artefacts published</li> <li>Sims &amp; Ems Update</li> <li>SIT Functional Test Ordering</li> </ol> <p>You can view the <b>Participant Checklist</b> on the respective <b>Planning pages</b> of the <a href="#">Collaboration Base</a> and the <a href="#">MHHS website</a>.</p>
<p><b>Upcoming Governance Meetings:</b></p> <ul style="list-style-type: none"> <li><b>20 February 2024:</b> Non-functional Testing Working Group (NFTWG)</li> <li><b>21 February 2024:</b> <a href="#">Systems Integration Testing Advisory Group (SITAG)</a></li> </ul>
<p><b>Programme News:</b></p> <p><b>MHHS Open Day - save the date:</b> The next MHHS Open Day is on Tuesday 23 April 2024 at Elexon's offices, 350 Euston Rd, London NW1 3AW. There will also be a virtual livestream option for participants to join the event. Please see the Upcoming events section below and the <a href="#">MHHS Webinars &amp; Open Days page of the MHHS website</a> for more information and how to book your space!</p> <p><b>Readiness Assessment changes and timelines:</b> Following the Programme Steering Group's (PSG) approval on 7 February 2024, the Programme will re-align future Readiness Assessments with key Programme milestones. Rather than run a parallel and separate Readiness Assessment 4 exercise, the Programme will use information from the PQS as well as our ongoing monitoring of Programme progress through SIT to assess participants' readiness for future activities. The Code Bodies will separately use the information from the PQS for their Qualification activities as set out in the <a href="#">Qualification Approach and Plan (QA&amp;P)</a>, which is the main purpose of the PQS. In addition to the above, we're combining Readiness Assessments 5 and 6, which were originally due to take place from November 2024 through to January 2025 and from January – April 2025, respectively. The new Readiness Assessment 5 &amp; 6 will now take place from November 2024 through to January 2025, and will focus on:</p> <ul style="list-style-type: none"> <li>Providing a progress check for the start of Qualification Testing</li> <li>Participant readiness for M10 (Go-live) and for M11 (start of Migration)</li> <li>Providing a progress check for Control point 3/4</li> </ul> <p>This also avoids running two Readiness Assessments at the same time and reduces requests on participants, as outlined in the current version of the Programme Plan.</p> <p><b>Code Mop Up 2: Final Review Consultation coming soon:</b> Programme participants will have a final opportunity to review and provide feedback on Code Artefacts in the upcoming Mop Up 2 consultation. The Programme will publish the Mop Up 2 Code Artefacts for participant review on 19 February 2024 and comments will be due by 17:00 on 11 March 2024. All participants are requested to please ensure resource is allocated to complete this review. We'll email more information on this consultation and how to submit comments to participants on 19 February and we'll also share details in The Clock next week, on 21 February.</p>

# Working Group Report

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

Programme (working group leads as required)

*0 mins – taken as read, questions by exception*



## Working Group Progress Report

Updated to 14/02/24

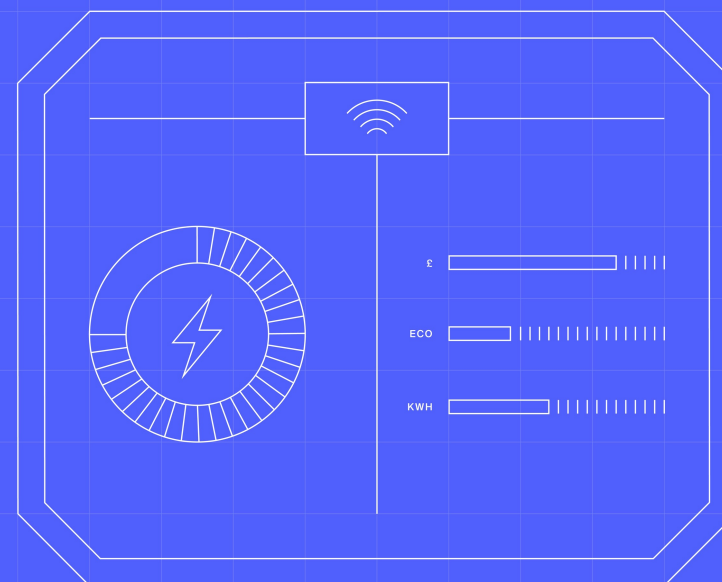
	Data Working Group (DWG)	Migration Working Group (MWG)	Environments and Configuration Management Working Group (EWG)	Qualification and E2E Sandbox Working Group (QWG)	Systems Integration Test Working Group (SITWG)	Non-Functional Testing Working Group (NFTWG)
<b>Upcoming deliverables</b>	<ul style="list-style-type: none"> <li>Test data loaded for Interval 4</li> <li>SIT Migration Test Data Approach and Plan (December TMAG)</li> </ul>	<ul style="list-style-type: none"> <li>Migration Framework Approach</li> </ul>	<ul style="list-style-type: none"> <li>Environments Approach and Plan (SIT Functional and Non-SIT LDSO) (November TMAG)</li> </ul>	<ul style="list-style-type: none"> <li>SIT-Migration Approach &amp; Plan</li> <li>SIT-Non-Functional Approach &amp; Plan</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>TBC</li> </ul>
<b>Latest meeting's agenda items</b>	07 March 2024 <ul style="list-style-type: none"> <li>TBC</li> </ul>	14 March 2024 <ul style="list-style-type: none"> <li>Migration Framework Approach</li> </ul>	05 March 2024 <ul style="list-style-type: none"> <li>TBC</li> </ul>	12 March 2024 <ul style="list-style-type: none"> <li>TBC</li> </ul>	07 March 2024 <ul style="list-style-type: none"> <li>SIT Migration Testing Test Scenarios &amp; Test Cases Theme 1</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>Agenda items from last meeting</b>	01 February 2024 <ul style="list-style-type: none"> <li>SIT Functional Data Preparation</li> <li>SIT Functional Cohorts</li> <li>Data Allocation Status</li> </ul>	08 February 2024 <ul style="list-style-type: none"> <li>Migration Framework Approach</li> </ul>	06 February 2024 <ul style="list-style-type: none"> <li>Qualification Environment Architecture</li> <li>CSS PKI Certificates</li> <li>DTN Connectivity for SIT Functional Testing</li> <li>DIP Onboarding Status</li> </ul>	13 February 2024 <ul style="list-style-type: none"> <li>Review of Qualification POAP</li> <li>QAD Role-Specific Sections</li> <li>BSC PAB Update on UMS Query</li> <li>Update on Service Activation</li> <li>PIT Guidance</li> <li>Update on DIP Onboarding</li> <li>Update on Test Approach</li> <li>PQS Update</li> </ul>	07 February 2024 <ul style="list-style-type: none"> <li>SIT Functional Test Theme 8 and coverage gaps</li> <li>SIT Functional Execution Preparation Status</li> <li>SIT CIT Testing Test Completion Status</li> <li>IR 5.3 Secondary Routing Testing</li> </ul>	20 February 2024 <ul style="list-style-type: none"> <li>SIT Non-functional Test Approach and Plan</li> <li>Non-functional Test Approach Associated with Volumetrics</li> <li>PIT NFT Guidance</li> </ul>
<b>L3 escalations</b>	None	None	None	None	None	None

# Upcoming Programme Milestones related to SITAG

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

*Programme (PMO & Workstream leads)*

*5 mins*



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## Key Milestones and Change – Introduction

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- The Non-SIT LDSO Qualification Project Plan has been finalised and the milestones will get to QAG on 22/2/24 for final approval. Work is underway to integrate this into the Programme Plan
- Work continues on the Supplier and Agent Qualification Plan and the milestones will get to QAG on 21/3/24 for final approval. This will be integrated into the Programme Plan once finalised
- The following slides provide a detailed 3-month look ahead of all upcoming programme milestones and any milestone changes

**Look Ahead – Key Milestones Status at 14/02/24 (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 07/02/24	Current RAG 14/02/24	Forecast RAG 21/02/24	Commentary
T3-TE-0067	SITAG	E2E Sandbox Guidance approved	Fri 04/08/23	Fri 04/08/23	SI Test				Awaiting programme decision on Sandbox
T3-QU-0063	QAG	Functional Testing elements of Qualification Approach & Plan approved by REC Manager & BSC PAB	Tue 31/10/23	Tue 31/10/23	Code Bodies				QA&P currently out for consultation
T3-TE-0091	QAG	Environment Approach and Plan - Non SIT LDSO	Wed 15/11/23	Wed 17/04/24	SI Test				Sims and Ems team are confirming test harness requirements and build options with the LDSO Qualification Team. QWG & EWG will review before the document is updated, reviewed at SITAG and approved in April QAG
T3-DB-0179	SITAG	All UMSO Test scenarios' MHHS Review Completed	Thu 30/11/23	Thu 30/11/23	SI Test				Assurance review conducted, but outstanding comments to be addressed
T3-DB-0091	SITAG	SIT Functional PIT RTTM submitted to Programme for assurance	Thu 07/12/23	Thu 07/12/23	PP				A small number of PP artefacts not yet received. Escalated at FTIG
T3-DB-0089	SITAG	SIT Functional PIT test scenarios submitted to Programme for assurance	Thu 07/12/23	Thu 07/12/23	PP				A small number of PP artefacts not yet received. Escalated at FTIG
T3-DB-0180	SITAG	All UMSO PIT (CIT interval 6) Completion Reports submitted to Programme for assurance	Fri 05/01/24	Fri 05/01/24	PP				Not all completion reports yet received
T3-DB-0023	SITAG	PP PIT Completion Report (excl. Migration/Reverse Migration) submitted to Programme for assurance CIT Interval 6	Fri 05/01/24	Fri 05/01/24	PP				Not all completion reports yet received

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 14/02/24 (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 07/02/24	Current RAG 14/02/24	Forecast RAG 21/02/24	Commentary
T3-DB-0139	SITAG	All SIT Functional Test approach and plans MHHS Reviews Completed	Thu 11/01/24	Thu 11/01/24	SI Test	Red	Red	Red	All remaining / late artefacts now received and reviewed by Programme with feedback provided to PPs. Awaiting PPs' final feedback
T3-DB-0140	SITAG	All SIT Functional RTTMs MHHS Reviews Completed	Thu 18/01/24	Thu 18/01/24	SI Test	Red	Red	Red	Late due to late delivery of PP artefacts for review
T3-DB-0141	SITAG	All SIT Functional Test scenarios' MHHS Reviews Completed	Thu 18/01/24	Thu 18/01/24	SI Test	Red	Red	Red	Late due to late delivery of PP artefacts for review
T3-DB-0181	SITAG	All UMSO PIT (CIT interval 6) Completion Reports MHHS Review Completed	Fri 19/01/24	Fri 19/01/24	SI Test	Red	Red	Red	Late due to late delivery of PP artefacts for review
T3-QU-0011	QAG	Confirm Qualification Testing for Non-SIT LDSOs (Functional, Migration, NFT, Operational) Participants	Mon 29/01/24	Thu 21/03/24	Code Bodies	Red	Red	Red	To go to QAG for name change from Confirm Qualification Testing for Non-SIT LDSOs (Functional, Migration, NFT, Operational) Participants to Confirmation of participants for Non-SIT LDSO Qualification Testing & date change from 29/1/24 to 21/3/24 following replan activity as the test window moved to after SIT Cycle 2 to ensure more robust central systems
T3-DB-0087	SITAG	All SIT Functional PIT Completion Reports submitted to Programme for Assurance	Fri 09/02/24	Fri 09/02/24	PP	Yellow	Red	Red	Not all reports received. The majority of late deliveries have been discussed and agreed with the Programme
T3-DB-0143	SITAG	All SIT Migration PIT Test Approach & Plans submitted to Programme for assurance	Fri 16/02/24	Fri 16/02/24	PP	Green	Green	Blue	
T3-TE-0107	SITAG	SIT Functional Testing Test scenarios (theme 8) approved	Wed 21/02/24	Wed 21/02/24	SI Test	Green	Green	Blue	
T3-TE-0109	SITAG	SIT Functional Testing Test cases (theme 8) approved	Wed 21/02/24	Wed 21/02/24	SI Test	Green	Green	Blue	

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 14/02/24 (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 07/02/24	Current RAG 14/02/24	Forecast RAG 21/02/24	Commentary
T3-DB-0142	SITAG	All SIT Functional PIT Completion Reports MHHS Review Completed	Fri 23/02/24	Fri 23/02/24	SI Test	Yellow	Yellow	Yellow	At risk due to late delivery of some reports
T3-TE-0032	SITAG	SIT Component Integration Testing End (incl. confirmation that PPs have submitted their Test Completion Reports to Programme for assurance)	Fri 23/02/24	Fri 23/02/24	SI Test	Green	Green	Green	
T3-BC-0010	MCAG	Service Management Strategy approved	Tue 27/02/24	Tue 27/02/24	SI Design	Green	Green	Green	
T2-TE-0550	SITAG	SIT Functional Testing Preparation Complete	Fri 01/03/24	Fri 01/03/24	SI Test	Yellow	Yellow	Yellow	At risk because of challenges with CCP and PP readiness & dependent on successful Secondary Routing Testing
T3-QU-0064	QAG	Migration Testing elements of Qualification Approach & Plan approved by REC Manager & BSC PAB	Wed 06/03/24	Wed 06/03/24	Code Bodies	Red	Red	Red	Review of the approach is being undertaken by the programme with the Code Bodies
T3-DB-0145	SITAG	All SIT Migration PIT RTTMs submitted to Programme for assurance	Thu 07/03/24	Thu 07/03/24	PP	Green	Green	Green	
T3-DB-0147	SITAG	All SIT Migration PIT test scenarios submitted to Programme for assurance	Thu 07/03/24	Thu 07/03/24	PP	Green	Green	Green	
T2-TE-0600	SITAG	SIT Component Integration Testing Test Completion Report Approved	Fri 08/03/24	Mon 11/03/24	SI Test	Green	Red	Red	Milestone date changed to align to SITAG on 11/3
T3-TE-0034	SITAG	SIT Functional Testing Start	Mon 11/03/24	Mon 11/03/24	SI Test	Yellow	Yellow	Yellow	At risk because of challenges with CCP and PP readiness & dependent on successful Secondary Routing Testing
T3-TE-0093	QAG	Environment Approach and Plan - Qualification and Sandbox	Wed 20/03/24	Wed 17/04/24	SI Test	Red	Red	Red	Qualification Testing approach being developed. Environment requirements will follow that test 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

**Look Ahead – Key Milestones Status at 14/02/24 (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 07/02/24	Current RAG 14/02/24	Forecast RAG 21/02/24	Commentary
T3-MI-0023	MCAG	TMAG approval of cut-over plan	Wed 20/03/24	Tue 28/05/24	SI Transition				Name to change to 'MCAG Approval of M10/M11 Cut-over Plan' and date to change to 28/5/24. To go to Feb MCAG for approval
T3-DB-0182	SITAG	DIP Simulator uplifted to align with Interim Release 7	Fri 22/03/24	Fri 22/03/24	SI DevOps				
T3-TE-0033	SITAG	SIT Participants' SIT B environments ready to start connectivity proving (incl. certificates and security compliance)	Mon 01/04/24	Mon 01/04/24	SI Test				
T3-DB-0099	DAG	Interim release 8 Go live	Wed 03/04/24	Wed 03/04/24	SI Design				
T3-DB-0144	SITAG	All SIT Migration PIT Test approach and plans MHHS Reviews Completed	Thu 11/04/24	Thu 11/04/24	SI Test				
T3-QU-0066	QAG	Qualification Assessment Document Initial Draft (Functional)	Tue 16/04/24	Tue 16/04/24	Code Bodies				
T3-DB-0146	SITAG	All SIT Migration RTTMs MHHS Reviews Completed	Thu 18/04/24	Thu 18/04/24	SI Test				
T3-DB-0148	SITAG	All SIT Migration Test scenarios MHHS Reviews Completed	Thu 18/04/24	Thu 18/04/24	SI Test				
T3-QU-0008	QAG	Qualification Testing for Non-SIT LDSOs (Functional, Migration, NFT, Operational) Test execution schedule approved	Fri 26/04/24	Thu 15/08/24	Code Bodies				Date change from 26/4/24 to 15/8/24 due to replanning of Non SIT LDSO delivery timeline. To go to Feb QAG for approval
T3-QU-0009	QAG	Qualification Testing for Non-SIT LDSOs (Functional, Migration, NFT, Operational) Participants' environments (TBC) ready to start connectivity proving (incl. certificates and security compliance)	Fri 26/04/24	Mon 05/08/24	Code Bodies				Date change from 26/4/24 to 5/8/24 due to replanning of Non SIT LDSO delivery timeline. To go to Feb QAG for approval

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

## Key Milestones Change at 14/02/24 (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 07/02/24	Current RAG 14/02/24	Forecast RAG 21/02/24	Commentary
T3-TE-0031	SI DevOps	Remove	Data Service emulators released	Wed 31/01/24	Wed 31/01/24	Red	Red	Grey	To go to SITAG to be removed because the Programme is no longer creating a Data Service Emulator because it is no longer required
T3-TE-0103	SI Test	Date Change	SIT Functional Connectivity Proving Complete	Fri 02/02/24	Fri 01/03/24	Red	Red	Green	The only connectivity proving required in addition to CIT is ElectraLink DTN. This is an existing solution and the change in dates is not a cause for concern. To go to Feb SITAG for approval of proposed date change from 2/2/24 to 1/3/24
T3-DB-0024	PP	Remove	DCC PIT Completion Report submitted to Programme for assurance	Fri 09/02/24	Fri 09/02/24	Red	Red	Grey	Remove from Programme Plan because not required as being monitored elsewhere
T3-TE-0079	SI Test Data	Date Change	Cycle 1 - PP's confirmation that test data is ready for SIT Functional	Fri 09/02/24	Fri 01/03/24	Red	Red	Green	Task delayed due to additional work being required by DCC to register change of supplier MPANs & St Clements need to finish CIT prior to loading MPANs. No impact on SIT start. Will monitor closely. To go to Feb SITAG for date change
T3-TE-0071	SI Test	Remove	SIT Migration Testing Test Scenarios Approved	Wed 21/02/24	Wed 21/02/24	Green	Green	Grey	To go to FEB SITAG to be removed as it no longer reflects the delivery approach
T3-DB-0118	SI Test	Remove	DCC PIT Completion Report MHHS Review Completed	Fri 23/02/24	Fri 23/02/24	Green	Green	Grey	Remove from Programme Plan because not required as being monitored elsewhere
T3-TE-0092	SI Test	Date Change	Environment Approach and Plan - SIT Non Functional	Wed 20/03/24	Wed 17/04/24	Red	Red	Green	NF Testing approach being developed. Environment requirements will follow that test approach. To go to Feb SITAG for date change approval
TBC	SI Test	New	SIT Migration Test scenarios & Test Cases Approved - Theme 1	Wed 20/03/24	Wed 20/03/24	Green	Green	Green	New milestones added because of new themed delivery approach. To go to Feb SITAG for approval

## Key Milestones Change at 14/02/24 (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.

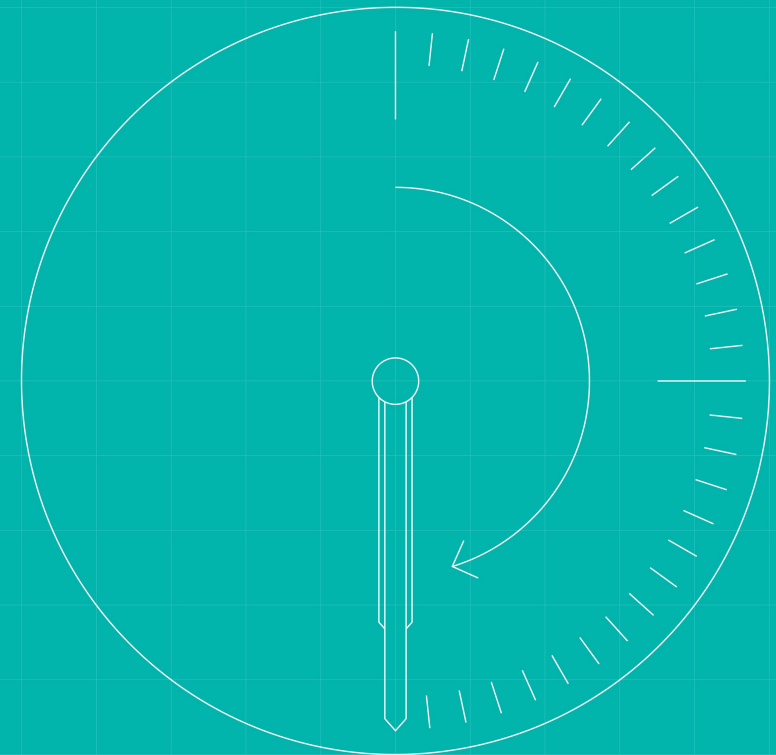
Milestone ID	Responsible	Change Type	Milestone Title	Baseline Date	Forecast Date	Previous RAG 07/02/24	Current RAG 14/02/24	Forecast RAG 21/02/24	Commentary
T3-TE-0025	SI Test	Remove	SIT Migration Testing Test Cases Approved	Wed 20/03/24	Mon 31/10/22				Remove as no longer reflects delivery approach
T3-TE-0026	SI Test	Date Change	SIT Non-Functional Testing Test Approach & Plan approved	Wed 20/03/24	Wed 15/05/24				Milestone will be missed, recovery planning taking place. To go to Feb SITAG for date change approval
TBC	SI Test	New	SIT Migration Test scenarios & Test Cases Approved - Theme 2	Wed 17/04/24	Wed 17/04/24				New milestones added because of new themed delivery approach
TBC	SI Test	New	SIT Migration Test scenarios & Test Cases Approved - Theme 3	Wed 17/04/24	Wed 17/04/24				New milestones added because of new themed delivery approach
TBC	SI Test	New	SIT Non-Functional Testing Test Data Approach & Plan approved	Wed 15/05/24	Wed 15/05/24				To go to Feb SITAG as a new milestone
T3-TE-0028	SI Test	Date Change	SIT Non-Functional Testing Test scenarios approved	Wed 22/05/24	Wed 17/07/24				To go to Feb SITAG for date change approval
T3-TE-0036	SI Test	Date Change	SIT Non-Functional Testing Test cases approved	Wed 19/06/24	Wed 17/07/24				Change of SITAG date for Test Approach and Plan with knock on impact to test cases. To go to Feb SITAG for date change approval

# Top Programme Risks related to SITAG

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

*Programme (PMO & Workstream Leads)*

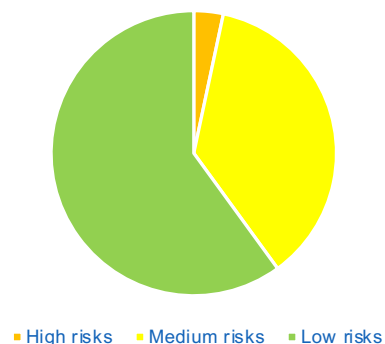
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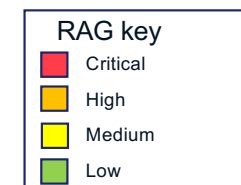
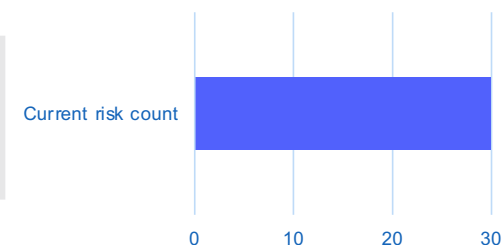
## Top Programme Risks Related to SITAG

Risk/ Issue ID	Risk description	Risk impact	RAG	Mitigation
R669	There is a risk that SIT parties may enter and execute CIT successfully, but not be ready for SIT Functional	This may impact SIT Functional start, depending on the party	High	<ol style="list-style-type: none"> <li>1) PPs to submit SIT F PIT test artefacts on time</li> <li>2) MHHS to conduct SIT Functional PIT assurance once received</li> <li>3) Specifically monitor blockers through FTIG and PPC bilateral meetings</li> <li>4) Programme revising secondary routing test approach to enable its completion before SIT F start date</li> <li>5) Continue to monitor and chase CCPs &amp; PPs for remaining documents. Progress reported weekly at FTIG. Bilaterals requested by some PPs to discuss. New secondary routing approach provides some contingency for CIT. SIT Parties' pairings now validated; MVC 'go live cohorts' are now baselined and locked.</li> <li>6) Testing schedule will aim to accommodate a 'soft start', reducing sensitivity to the need for every MVC party to be ready on Day 1.</li> <li>7) Delivery Assurance activity is ongoing where PPs have been identified for Assurance and Bilaterals</li> </ol>
R670	There is a risk that software / service provider SIT blockers may impact multiple suppliers SIT readiness and completion	This may impact various stages of SIT.	Medium	<ol style="list-style-type: none"> <li>1)MHHS to ensure we understand the provider ecospheres that support suppliers and thereby identify overall risks to the MVC and to the contingency assumed</li> <li>2)Specifically monitor blockers through FTIG and PPC bilateral meetings</li> <li>3) SIT cohorts identify the key PPs (ie MVC) for SIT and Migration</li> </ol>
R331	There is risk that analogous estimating has been used to assess the likely duration of SIT testing using FSP as a benchmark, as well as the test cases/scenarios not being tied down	if we've underestimated or overestimated the scope of testing, this may impact our timelines and overall Programme plan	Medium	<ol style="list-style-type: none"> <li>1) The current duration has been sense-checked comparable with an implementation of this scale and complexity</li> <li>2) Detailed bottom-up estimate based on coverage and scenarios has been produced (modelling approach for estimates)</li> <li>3) To be assessed post test case creation (CIT and SIT Functional test cases authored and approved)</li> <li>4) Design team to help with logical sequence of Test execution</li> </ol>
R748	There is risk that there will be an impact to Data preparation for SIT Functional if any PP's drop out of SIT Functional after 12-January.	Additional time and resource will be required to prepare more data based on changes that occur.	Medium	<ol style="list-style-type: none"> <li>1) Where possible obtain early visibility of an PP that may drop out of SIT Functional so that plans can be updated accordingly. Be prepared for PP's dropping out and act as quickly as possible if this occurs.</li> </ol>

SITAG related risks RAG



SITAG risk count

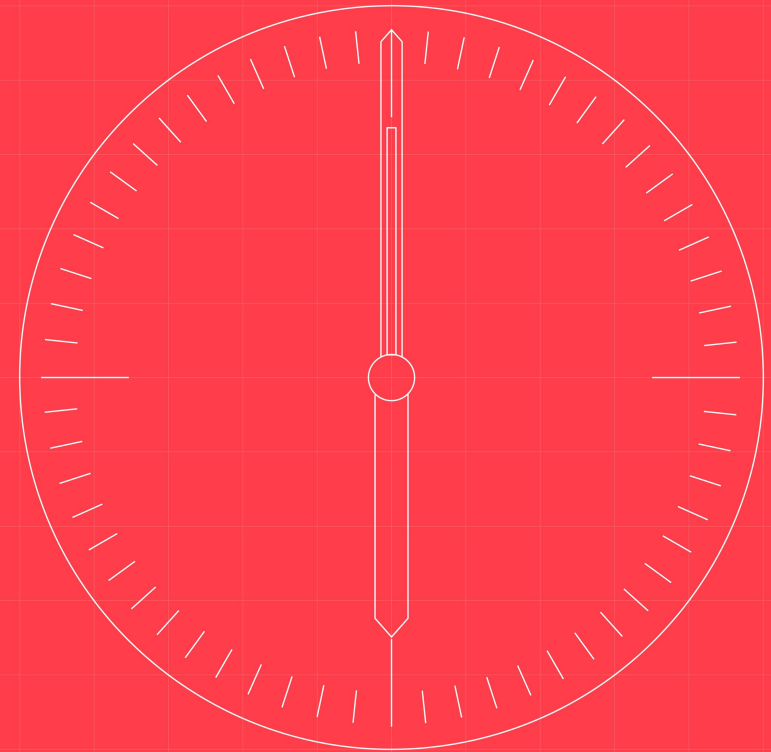


# Summary and Next Steps

**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: **20 March 2024 at 10am**
3. Extraordinary meeting dates

### SITAG Agenda Roadmap – a rolling view of upcoming SITAG agenda items:

Meeting dates	20-Mar
Relevant milestones or activities	<ul style="list-style-type: none"> <li>• SIT Functional Test Scenarios and Test Cases (Theme 8)</li> </ul>
Agenda items	<ul style="list-style-type: none"> <li>• Revised Qualification Plan</li> <li>• SIT Functional Test Scenarios and Test Cases</li> <li>• SIT Functional Test Scenarios and Test Cases (Theme 8)</li> <li>• SITAG Terms of Reference</li> <li>• Qualification Update</li>   <li>• SIT Migration Test Scenarios and Test Cases (Theme 1)</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)

# Thank you