



MHHS  
PROGRAMME

Industry-led, Elexon facilitated

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# Qualification Advisory Group (QAG) #04

## 23 May 2024

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Version 1.0

MHHS-DEL2549

Document Classification: Public

## Agenda (1/2)

| # | Item   | Objective   | Type                   | Lead   | Time                   | Page |
|---|--|---|------------------------|--|------------------------|------|
| 1 | Welcome and Introduction   |   |                        | Chair  | 10:00-10:05<br>5 mins  | 1    |
| 2 | Headline Report and Actions  | Approval of Headline Report of previous meeting and review of outstanding actions   | Decision               | Chair & Secretariat                                      | 10:05-10:15<br>10 mins | 4    |
| 3 | Programme Updates  | Receive overview of MHHS governance groups and relevant Programme updates   | Information            | Secretariat  | 10:15-10:15<br>0 mins  | 6    |
| 4 | Migration Non-SIT LDSO Test Scenarios and Test Cases                                 | Request for QAG to approve Migration Non-SIT LDSO Test Scenarios and Test Cases.  | Decision               | Programme (Nicola Farley)                                | 10:15-10:25<br>10 mins | 10   |
| 5 | Non-SIT LDSO QT Test Data Plan and Approach  | Request for QAG to approve Non-SIT LDSO QT Test Data Plan and Approach  | Decision               | Programme (Nicola Farley)                                | 10:25-10:35<br>10 mins | 12   |
| 6 | Annex 2 of Qualification Approach and Plan and Batch 1 & 2 Functional Test Scenarios | Request for QAG to approve Annex 2 (Non-SIT Supplier and Agent Qualification Testing) and Batch 1 and 2 Functional Test Scenarios   | Decision               | Code Bodies (Laura Kennedy)                              | 10:35-10:45<br>10 mins | 16   |
| 7 | Updates from QWG   | Provide an update on May QWG  | Information            | Code Bodies (George Player)                              | 10:45-10:50<br>5 mins  | 21   |
| 8 | Terms of Reference for New QWG Sub-Groups  | Request for QAG to approve the ToR for the two new Qualification Sub-Groups (LQTSG and SAQTSG)  | Decision               | Programme (Nicola Farley)<br>Code Bodies (Laura Kennedy) | 10:50-11:00<br>10 mins | 23   |
| 9 | Programme Milestones related to QAG  | <p>Overview of upcoming Programme Milestones related to QAG and any milestone changes for approval:</p> <ul style="list-style-type: none"> <li>• CR47 Update</li> <li>• CR48 Update</li> <li>• Proposed amendments to Sandbox updates</li> <li>• Milestones for QAG to decide on</li> </ul> | Information / Decision | Programme (Nicola Farley)<br>Code Bodies (Laura Kennedy) | 11:05-11:10<br>5 mins  | 26   |

## Agenda (2/2)

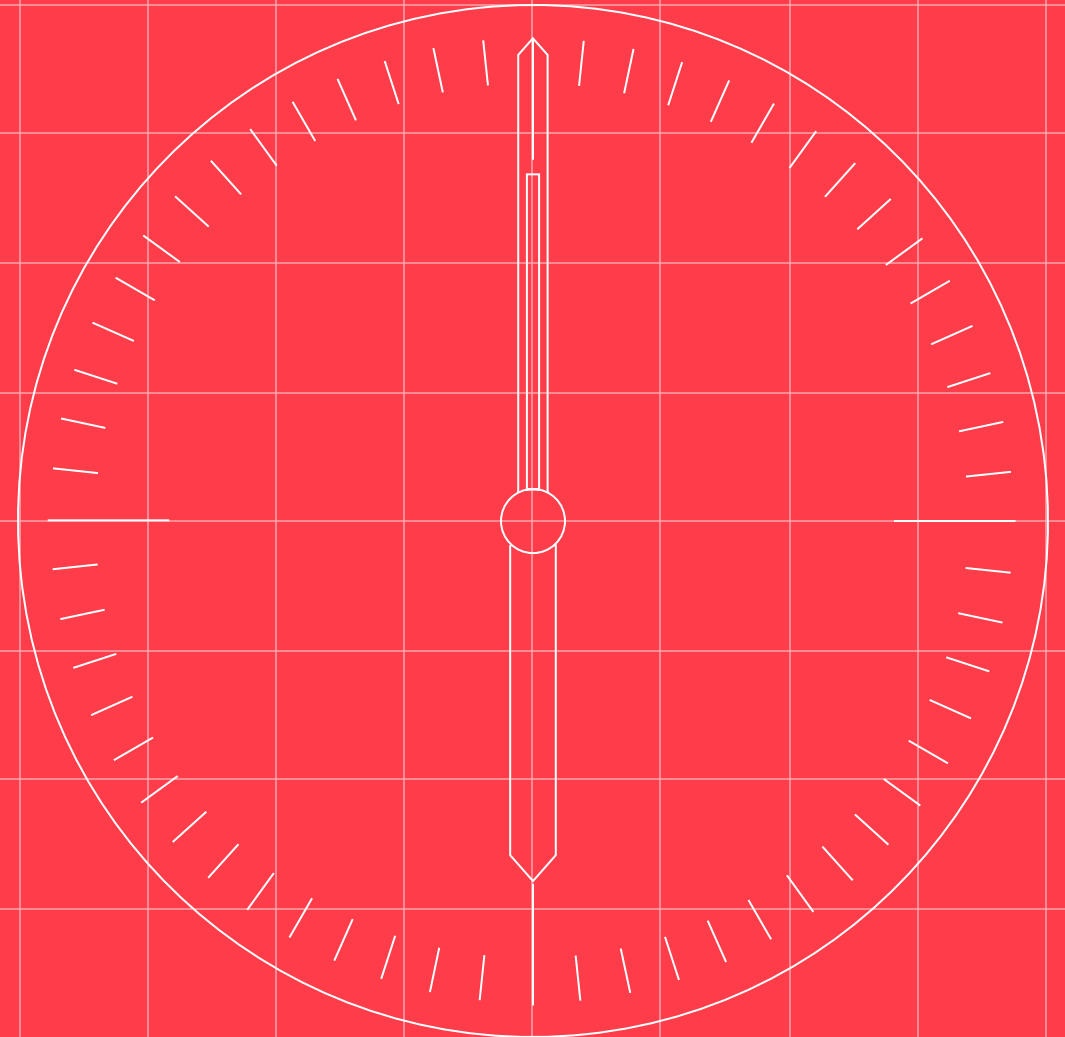
| #  | Item                                      | Objective  | Type        | Lead        | Time                  | Page |
|----|---|--|-------------|-------------|-----------------------|------|
| 10 | <b>Top Programme Risks Related to QAG</b> | QAG awareness of the key RAID items impacting the QAG  | Information | Chair       | 11:05-11:10<br>5 mins | 35   |
| 11 | <b>AOB</b>                                | Participants to raise any queries on Qualification   | Discussion  | Chair       | 11:05-11:10<br>5 mins | 38   |
| 12 | <b>Summary and Next Steps</b>             | Summarise actions and agree any agenda items for next meeting  | Information | Secretariat | 11:10-11:15<br>5 mins | 39   |
|    | <b>Attachments</b>                        | <p><b>Attachment 1</b> - <a href="#">MHHS-DEL2433 Annex 2 Non-SIT Supplier and Agent MHHS QT Approach and Plan v0.6 – CLEAN</a><br/> <b>Attachment 2</b> - <a href="#">MHHS-DEL2433 Annex 2 Non-SIT Supplier and Agent MHHS QT Approach and Plan v0.6 – REDLINE</a><br/> <b>Attachment 3</b> - <a href="#">MHHS-DEL2435 - Annex 2 Qualification Approach &amp; Plan Consultation Comments Log – CONSOLIDATED</a><br/> <b>Attachment 4</b> - <a href="#">MHHS-DEL2434 Non-SIT Supplier and Agent QT Test Scenarios (Batch 1 &amp; 2) v0.5 - REDLINE</a><br/> <b>Attachment 5</b> - <a href="#">MHHS-DEL2436 - Non-SIT Supplier and Agents QT Test Scenarios Consultation Comments Batch 1 &amp; 2</a><br/> <b>Attachment 6</b> - <a href="#">Non-SIT Supplier and Agent Qualification Testing Sub-Group (SAQTSG) ToR v0.2</a><br/> <b>Attachment 7</b> - <a href="#">Non-SIT LDSO Qualification Testing Sub-Group (LQTSG) ToR v0.1</a><br/> <b>Attachment 8</b> - <a href="#">MHHS DEL-2445 Non-SIT LDSO Qualification Test Data Approach and Plan - Issued version 01-05-24</a><br/> <b>Attachment 9</b> - <a href="#">MHHS DEL-2445 Non-SIT LDSO Qualification Test Data Approach and Plan - Issued version 01-05-24 - REDLINED</a></p> |             |             |                       |      |

# Headline Report and Actions

**DECISION:** Approve headline report of previous meeting and review outstanding actions

Chair and Secretariat

*10 mins*



## Headline Report and Actions Review

1. Approval of Headline Reports from QAG held [18 April 2024](#).
2. **Review outstanding actions** (actions will be discussed by exception. Please review the action updates ahead of the meeting)

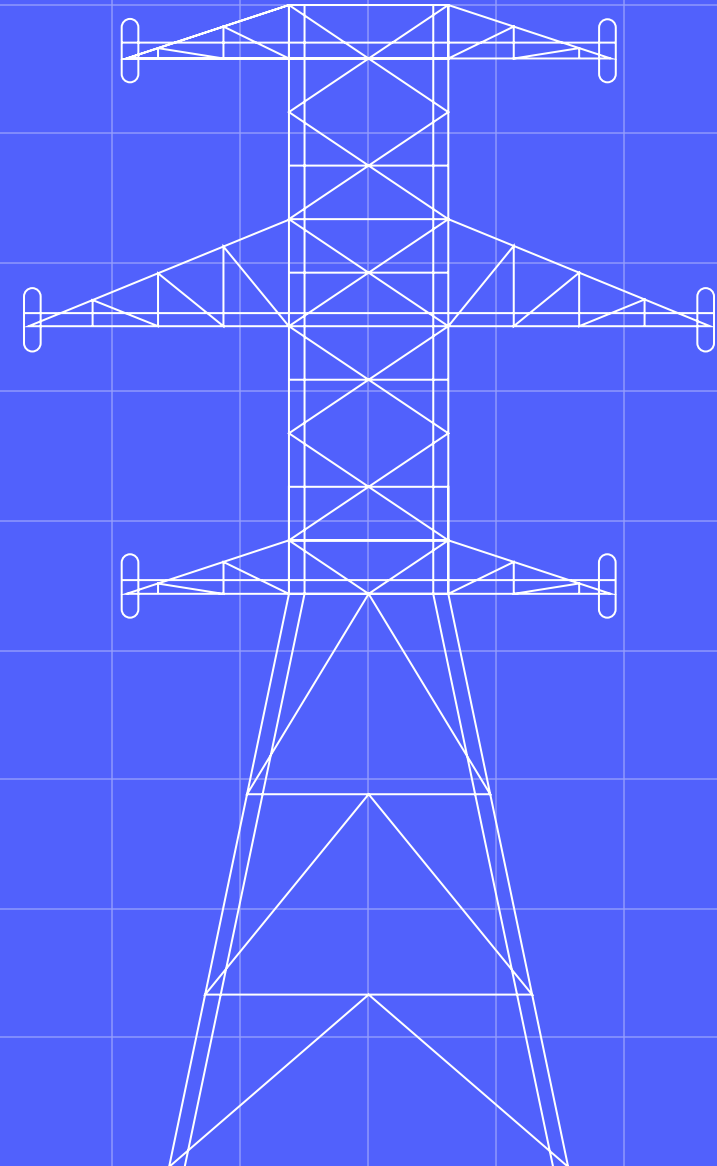
| Ref      | Action   | Owner  | Due        | Latest Update   |
|----------|--|--|------------|---|
| QAG02-01 | IPA to consider providing improved visibility of progress on assurance recommendations   | IPA (Taylor Thorpe)                                | 15/05/2024 | ONGOING: IPA will be providing visibility of all high priority agreed actions. Then at the end of each reporting period they will share the full list and status of agreed actions. |
| QAG03-01 | Programme to provide information on the remit and membership of the newly approved Non-SIT LDSO and Non SIT Supplier & Agent Qualification subgroups                             | Programme (Nicola Farley) & Elexon (Laura Kennedy) | 16/05/2024 | RECOMMEND CLOSED: Terms of reference for both groups are part of the QAG papers and there is agenda item  |
| QAG03-02 | Programme to review approval group for Environments Approach & Plan deliverables, noting the deliverables overlap both SIT and qualification                                     | Programme (PMO)                                    | 15/05/2024 | RECOMMEND CLOSED: This deliverable will go for approval at SITAG (check date June) and QAG.   |
| QAG03-03 | Programme to include existing Programme RAID items relating the commencement/completion of future SIT within future QAG meeting papers given the dependencies with qualification | Programme (Lee Cox)                                | 15/05/2024 | ONGOING: To be provided at July QAG.  |

# Programme updates

**INFORMATION:** Receive overview of MHHS governance groups and relevant programme updates

*Secretariat*

*0 mins – to be taken as read and discussed by exception*



Governance group updates

**Programme Steering Group (PSG)**

**PSG 01 May 2024**

**CR047 & CR048:** SRO ratified CRs to add/amend Qualification milestones within the Programme Plan following approval by the MHHS Change Board.

**CR044 & CR045:** PSG received escalations from DAG over challenges with implementation and determined the changes be approved in principle with feasibility of implementing pre-M10 to be determined by Autumn 2024, or transitioned to code governance processes for implementation post-M10.

**DBT2 (Consequential Change) Risks Assessment:** IPA recommended assurance is undertaken for participant consequential change related to MHHS that is outside the scope of the Programme (DBT2). Impact assessments would be requested from participants. IPA took an action to consider the governance of any DBT2 assurance. PSG papers available [here](#).

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

**SITAG 17 April 2024**

**SIT Migration Test Scenarios (TS) & Test Cases (TC):** SRO approved the Themes 2 (Reverse Migration) & 3 (Import/Export MPANs & Exception Handling) TSs & TCs, excluding SIT-M-RM-COS-DfitVal v0.1 and ISD updates testing.

**Environments Approach & Plan:** SRO approve v2.13 of plan, incorporating latest non-SIT LDSO requirements.

**SIT Functional Updates:** SIT F readiness work-off item substantially complete. Steady progress on SIT F execution, but Programme requests increase in throughput.

**SIT Delivery Plans:** Overview of plans and deliverable dates for future SIT stages. SITAG papers available [here](#).

**Design Advisory Group (DAG)**

**DAG 08 May 2024**

**CR044 & CR045:** DAG received updates on the outcome discussions at the PSG, following escalation from the DAG owing to challenges expressed by participants over implementation pre-M10.

**CR050:** DAG were advised CR050 (*Changes to the MHHS Change Control Approach and From*) would now be issued for full Impact Assessment following Ofgem's decision that the CR should be subject to their approval.

**Future DAG meetings:** DAG agreed that, owing to the limited content expected for the next meeting, updates should be provided by correspondence and the meeting stood down (subject to there being no substantive items to discuss). DAG papers available [here](#).

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

**QAG 18 April 2024**

**Functional Non-SIT LDSO Test Scenarios and Test Cases:** SRO approved the Functional Non-SIT LDSO Test Scenarios and Test Cases

**Focused Working Group for QT:** Chair approved the creation of two new qualification subgroups, the Non-SIT LDSO and Non-SIT Supplier & Agent Qualification Testing subgroups

**Environments Approach and Plan:** The Programme advised there would be further iterations of the document in future to incorporate Supplier & Agent QT and the environments sandbox. QAG papers available [here](#)

**Cross Code Advisory Group (CCAG)**

**CCAG 24 April 2024**

**Horizon Scanning Log:** DCUSA provided updates on DCP428. REC provided updates on R0062, R0093, R0098, R0108, R0121 & R0144. No new updates from BSC.

**CCAG Reporting & Risks:** CCAG is on track for M6 delivery in August 2024. M6 success criteria will be amended and brought back to May's CCAG.

**M7/M8 Planning:** The approach has been agreed for M7/M8 planning, and activities are ongoing. Further updates to be brought to May CCAG.

**Mop-up 2 Consultation Update:**

**Code Drafting Working Group (CDWG):** Presented mop-up 2 consultation update, and consistency check approach. CCAG papers available [here](#).

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

**MCAG 08 May 2024**

**Migration Control Centre Framework:** The Chair, acting with delegated authority of the SRO, approved the MCC Framework Consultation 1 outputs

**Programme Milestones:** The Chair, acting with delegated authority of the SRO, approved the milestone changes T3-MI-0023 and T3-MI-0033.

**Programme Risks:** Risk R677 will be continually monitored in the risk section of the MCAG meetings, until it goes away or risk level reduces. MCAG papers available [here](#).

Wider Programme Updates

**Participant Checklist:**

1. REMINDER: Systems Integration Testing (SIT) Migration Participant Readiness Report – the deadline is **today, Wednesday 15 May 2024**
2. REMINDER: Non-Functional and Operational Updates to the Placing Reliance Policy – the deadline is **Friday 17 May 2024**
3. REMINDER: Qualification Assessment Document (QAD) Guidance Document Informal Consultation – the deadline is **Tuesday 21 May 2024**
4. NEW! Change Request CR050 issued for Impact Assessment - the deadline is **Wednesday 29 May 2024**
5. Design Interim Release 7.3 Artefacts are live
6. NEW! SIT Settlement High Level Testing and Data Approach Guidance

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

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

**Upcoming Governance Meetings:**

- **Thursday 16 May 2024:** Transition and Operational Readiness Working Group (TORWG)
- **Tuesday 21 May 2024:** TORWG Assurance Forum
- **Wednesday 22 May 2024:** [Cross-Code Advisory Group \(CCAG\)](#)
- **Wednesday 22 May 2024:** Non-Functional Testing Working Group (NFTWG)
- **Thursday 23 May 2024:** [Qualification Advisory Group \(QAG\)](#)
- **Thursday 23 May 2024:** Migration Framework Development Workshop

**Qualification Assessment Document (QAD) Walkthrough Webinar: 29 May 2024:** Please visit the [Qualification Assessment Document page of the MHHS website](#) to view the QAD that was recently issued for informal consultation. Please register for the webinar by [completing this form](#) by **17:00 on Tuesday 28 May 2024**.

**Code Bodies Update:**

**Elxon is seeking P471 & P472 Workgroup members:** The Balancing & Settlement Code Company (BSCCo) is urgently looking for Workgroup members for the following BSC Modifications, which are being run together for efficiency:

- [P471: Amendment to BSC Section E to allow more flexibility in procurement of BSC Agents](#)
- [P472: Amendment to provisions for Parties to bring claims against BSC Agents in BSC Section E](#)

**Electralink DTS changes:** To support the MHHS Programme's SIT phase, there was an extraordinary release of the **Data Transfer Catalogue (DTC) v14.2** on the Data Transfer Network (DTN) at **22:00 on Monday 13 May 2024**.

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

## 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>                    | 06 June 2024 <ul style="list-style-type: none"> <li>TBC</li> </ul>   | 04 June 2024 <ul style="list-style-type: none"> <li>TBC</li> </ul>  | 06 June 2024 <ul style="list-style-type: none"> <li>TBC</li> </ul>  | 22 May 2024 <ul style="list-style-type: none"> <li>Non-Functional Test Approach and Plan – SITAG Approval Update</li> <li>Tooling Dependencies</li> <li>Workshop Outcomes</li> </ul>          |
| <b>Agenda items from last meeting</b>                   | 02 May 2024 <ul style="list-style-type: none"> <li>Data Schedule Update</li> <li>Data Preparation status for - Cycle 2, Settlement and Migration</li> <li>SIT Settlement guidance</li> <li>SIT Migration guidance</li> <li>Sign off for SIT Non-Functional and SIT Operational</li> <li>MPAN Tracking</li> </ul> | 07 May 2024 <ul style="list-style-type: none"> <li>Testing POAP</li> <li>SIT B Onboarding</li> <li>Environments Approach and Plan document uplift</li> </ul>                      | 02 May 2024 <ul style="list-style-type: none"> <li>SIT Migration Test Scenarios and Test Case Work Off</li> <li>SIT Operational Test Approach and Plan</li> <li>MPAN Selection during SIT</li> <li>SIT Functional Progress</li> <li>SIT Migration Test &amp; Data Guidance</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>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>         | 05 June 2024 <ul style="list-style-type: none"> <li>TBC</li> </ul>   | 30 May 2024 <ul style="list-style-type: none"> <li>Population of ESME ID, Domestic Premises Indicator, Meter Location and Number of Displayed Register Digits</li> <li>Data Cleanse Reporting</li> <li>General Clarifications</li> </ul>  | 16 May 2024 <ul style="list-style-type: none"> <li>Early Life Model Support</li> </ul>   |
| <b>Agenda items from last meeting</b>        | 09 May 2024 <ul style="list-style-type: none"> <li>Update on R488 (Export meters)</li> <li>Areas Requiring Further Development from Consultation 1</li> <li>Consultations Scope and Content</li> </ul> | 25 April 2024 <ul style="list-style-type: none"> <li>Population of Connection Type for Traditional and Advanced Meters within Measurement Class 'A' Self-Declaration</li> <li>Supplier Data Cleanse Activities</li> <li>Population of ESME ID, Domestic Premises Indicator, Meter Location and Number of Displayed Register Digits</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>L3 escalations</b>                        | None   | None  | None   |

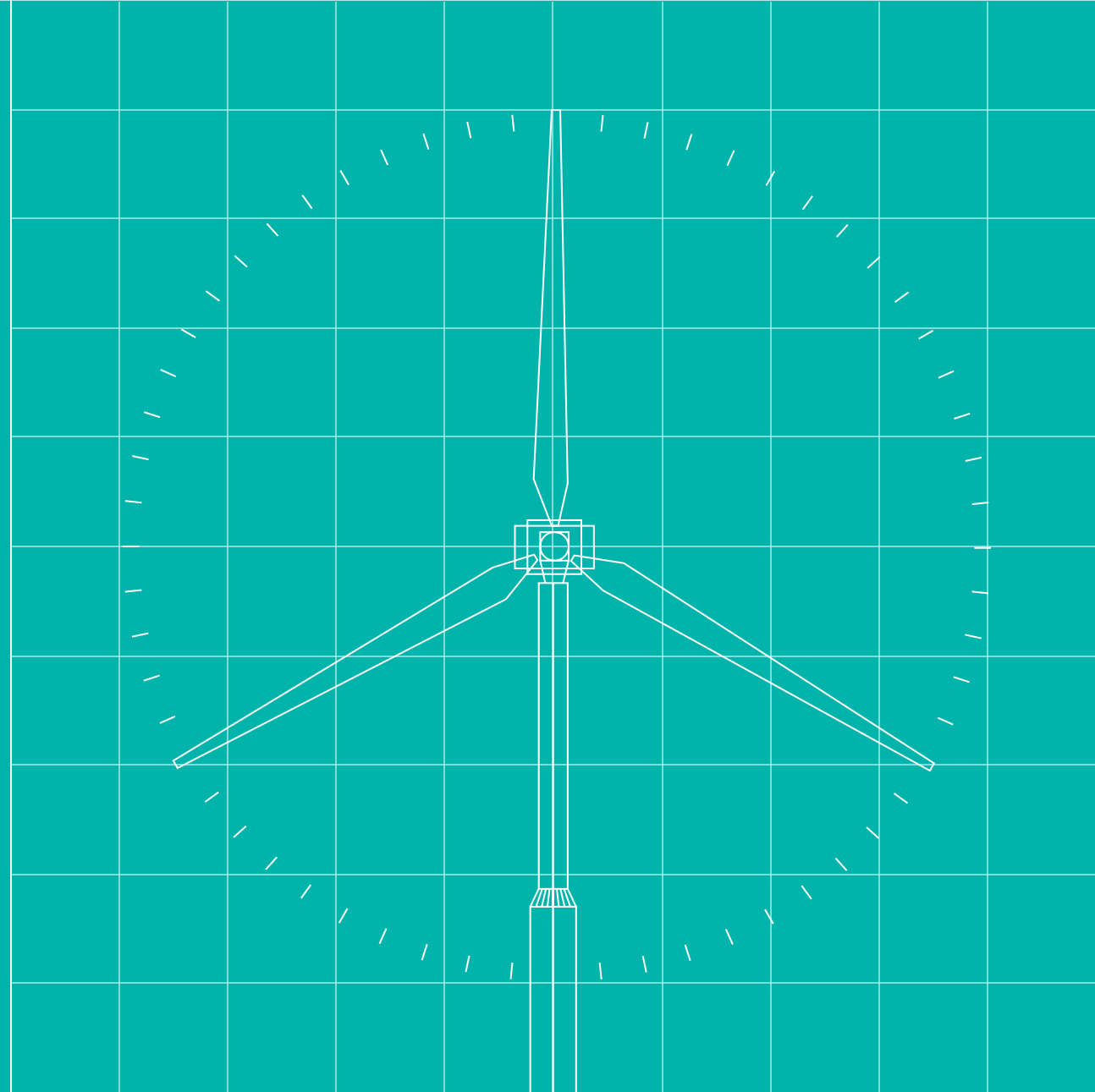
| Qualification Advisory Group (QAG)*   |   |
|---------------------------------------|---|
|                                       | Qualification and E2E Sandbox Working Group (QWG)   |
| <b>Upcoming deliverables</b>          | <ul style="list-style-type: none"> <li>N/A</li> </ul>   |
| <b>Latest meeting's agenda items</b>  | 11 June 2024 <ul style="list-style-type: none"> <li>TBC</li> </ul>  |
| <b>Agenda items from last meeting</b> | 14 May 2024 <ul style="list-style-type: none"> <li>Sandbox update</li> <li>Update the Programme Plan for Qualification</li> <li>Qualification Artefact Plan</li> <li>Party Query - RTTM For PIT, SIT And QT</li> <li>Update on Mobilisation of QT Sub-groups</li> <li>S&amp;A QT Framework Update</li> <li>Party Queries</li> </ul> |
| <b>L3 escalations</b>                 | None  |

# Migration Non-SIT LDSO Test Scenarios and Test Cases

**DECISION:** Request for QAG to approve migration non-SIT LDSO Test Scenarios and Test Cases.

*Programme (Nicola Farley)*

*10 mins*



## Test Case and Test Scenarios Assurance

### **Seeking QAG approval for Migration Test Scenarios and Test Cases.**

Migration Test Scenarios and Test Cases are covering the following business processes:

BPM-001 - Change of Supply – Forward Migration, BPM-002 - Change of Service – Metering Service – Forward Migration, BPM-003 - Change of Service – Data Service – Forward Migration, BPM-001 - Change of Supply – Reverse Migration, BPM-002 - Change of Service – Metering Service – Reverse Migration, BPM-003 - Change of Service – Data Service – Reverse Migration

**The migration test material was endorsed at May's QWG.**

**DECISION [10]**

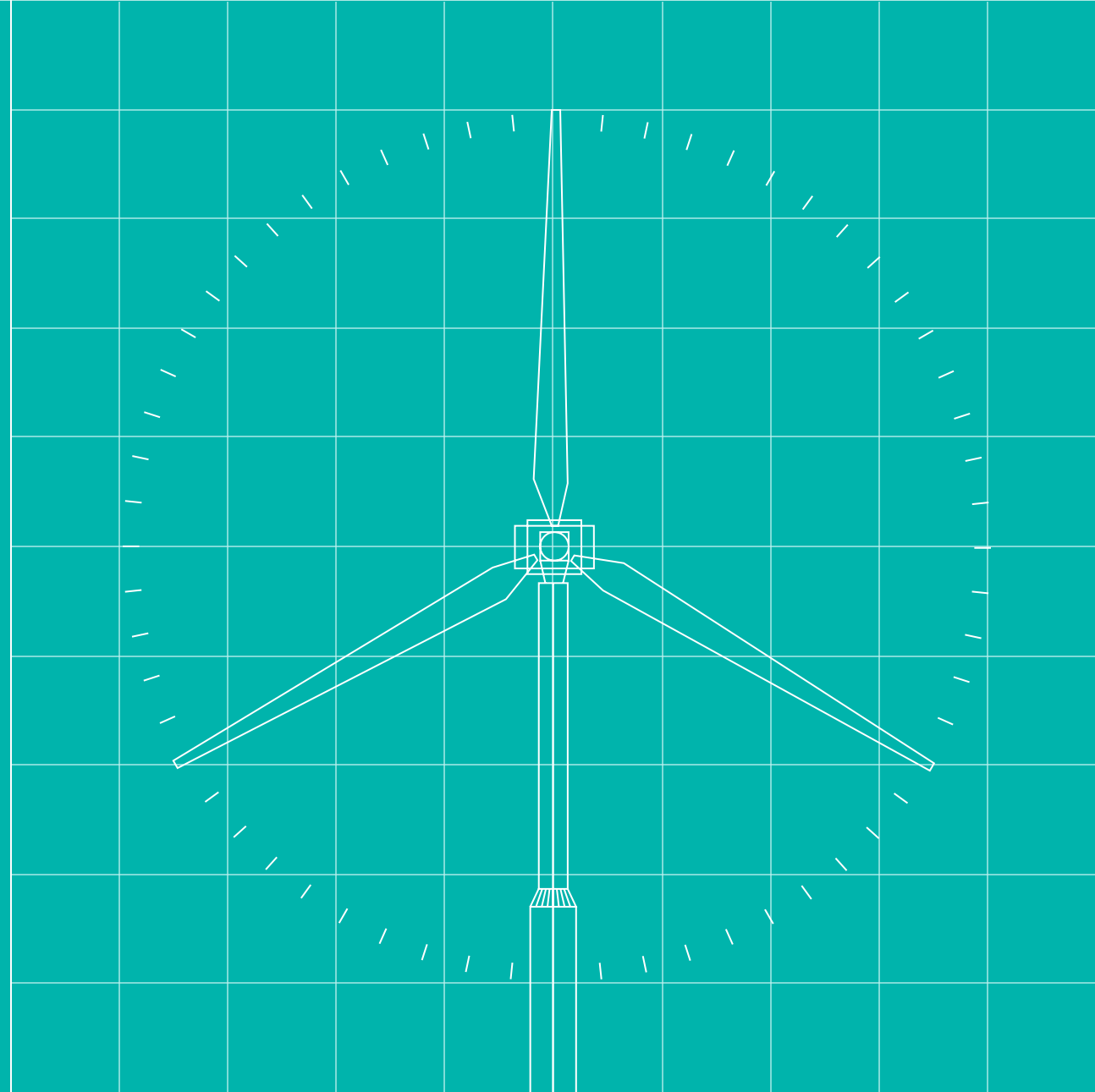
QAG to confirm approval of Non-SIT LDSO Migration Test Scenarios and Tests Cases

# Non-SIT LDSO Test Data Plan and Approach

**DECISION:** Request for QAG to approve Non-SIT LDSO Test Data Plan & Approach

*Programme (Nicola Farley)*

*10 mins*



The Non-SIT LDSO Test Data Plan and Approach went through a set of internal reviews with key Programme Team members including the Code Bodies between the beginning of February and the end of March 2024. The internally-approved document was sent out for Industry Consultation on 28th March 2024 where a total of 75 comments were received from 5 Organisations.

Supporting information on comments received included in the following slides which were presented to and endorsed by QWG on 14/05/24.

**DECISION[11]**

QAG to confirm approval of Non-SIT LDSO Test Data Plan and Approach and associated milestone

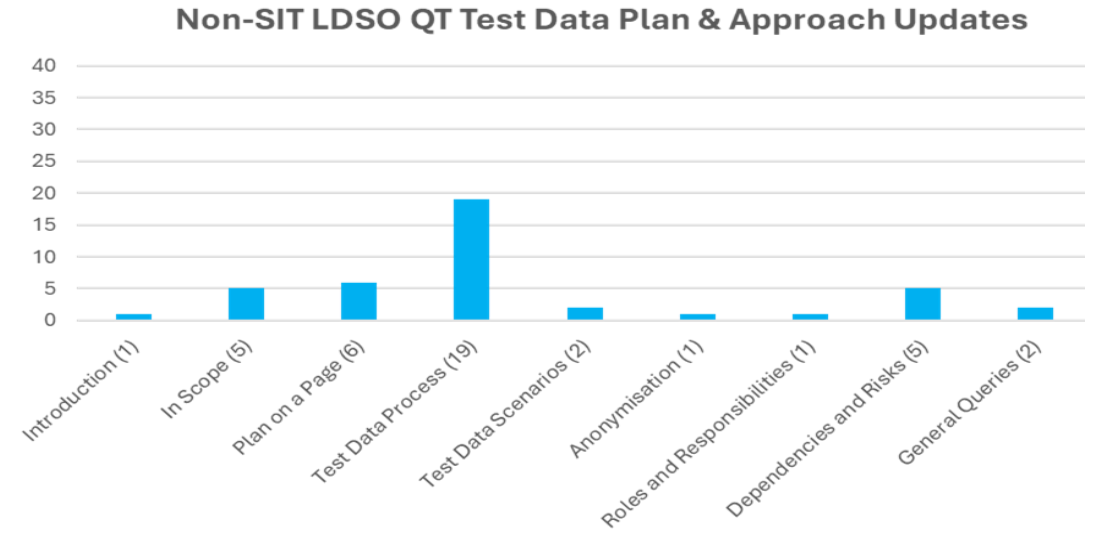
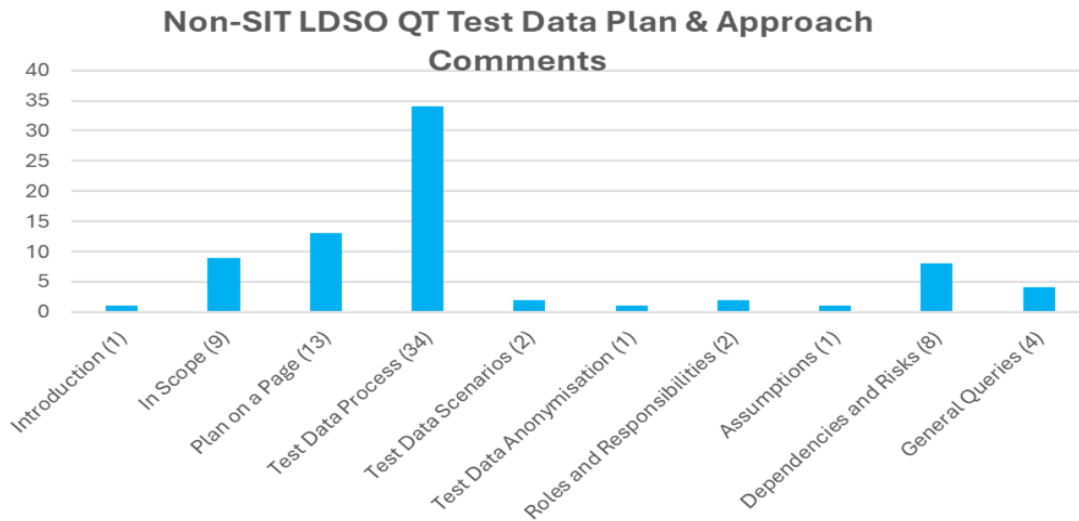
# Summary of Non-SIT LDSO Qualification Test Data Plan & Approach consultation responses

**75** comments

**5** organisations

**42** Updates

**33** Comments Responded to



## Summary of Non-SIT LDSO Qualification Test Data Plan & Approach consultation responses

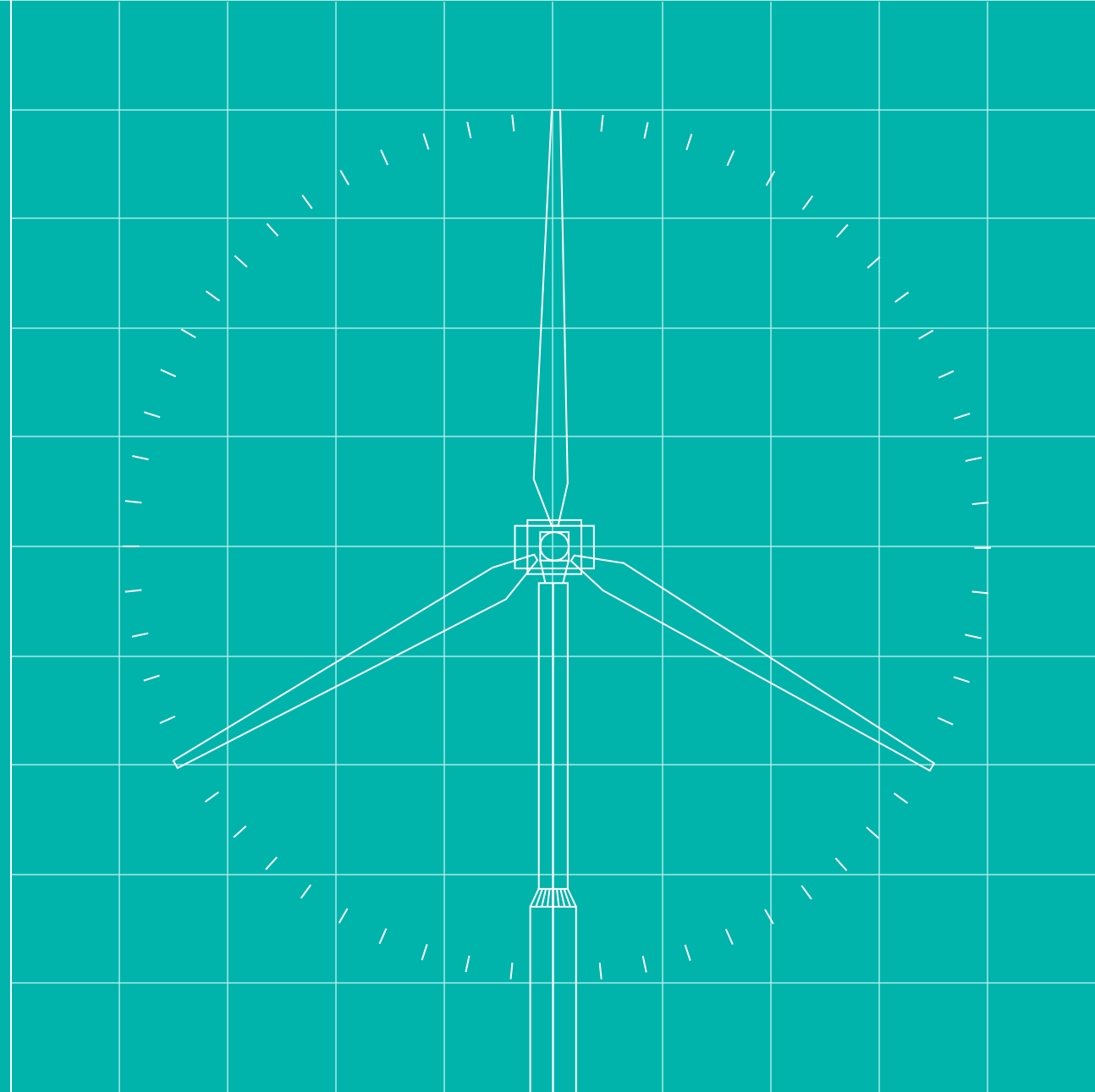
| Document Section           | Summary of Changes  |
|----------------------------|---|
| Introduction               | <ul style="list-style-type: none"> <li>•General Housekeeping</li> </ul>   |
| In Scope                   | <ul style="list-style-type: none"> <li>•General Housekeeping</li> <li>•Test Harness data clarity provided</li> <li>•Reference to MTD and discussions in progress removed</li> </ul>   |
| Plan on a Page             | <ul style="list-style-type: none"> <li>•Tasks added/ amended to provide further clarity</li> </ul>  |
| Test Data Process          | <ul style="list-style-type: none"> <li>•General Housekeeping</li> <li>•Tasks added/ amended to provide further clarity</li> <li>•Further detail added/amended to provide further clarity in areas including: Environments, Data validation, GDPR, PI Data, EES file analysis and DIP</li> </ul> |
| Test Data Scenarios        | <ul style="list-style-type: none"> <li>•General Housekeeping</li> <li>•Reference to CR029</li> </ul>  |
| Test Data Anonymisation    | <ul style="list-style-type: none"> <li>•Clarified MPAN digits for reporting anonymisation</li> </ul>  |
| Roles and Responsibilities | <ul style="list-style-type: none"> <li>•General Housekeeping</li> <li>•Dependencies added</li> <li>•Tasks amended for clarity</li> </ul>  |
| Dependencies and Risks     | <ul style="list-style-type: none"> <li>•General Housekeeping</li> <li>•Dependencies added</li> <li>•Tasks amended for clarity</li> </ul>  |
| General Queries            | <ul style="list-style-type: none"> <li>•General Housekeeping</li> <li>•Data cut clarity provided</li> </ul>   |

# Qualification Approach and Plan: Annex 2

**DECISION:** Code Bodies and MHHS Programme to provide an update on Annex 2 which was issued for consultation in March, and seek QAG approval:

*Code Bodies (Laura Kennedy)*

*10 mins*



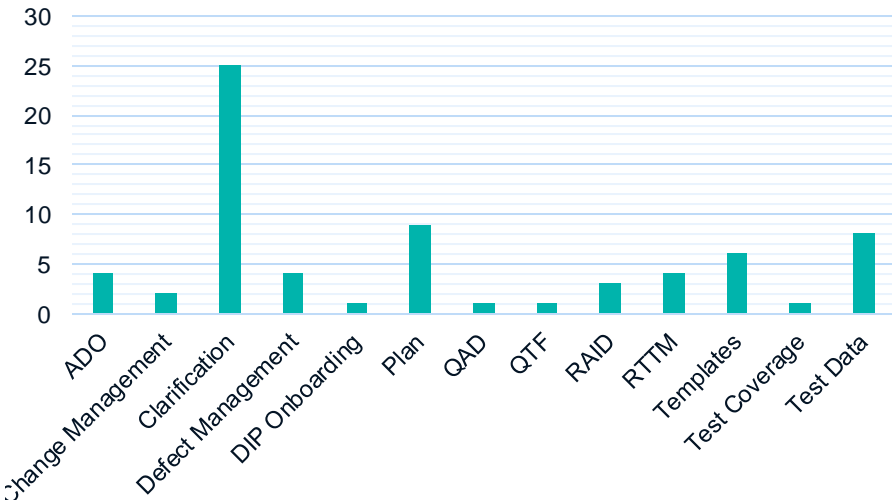


## Annex 2 Consultation:

**69** comments

**5** organisations

**3** confirmations



### GENERAL CLARIFICATION REQUESTS

#### You said:

Many comments were requests for clarification.

#### We did:

1. Where required the document was updated to reflect the clarification.
2. We have set up the Non-SIT S&A QT Subgroup and noted where additional information will be provided at this group.
3. We have also responded where this clarification will be provided in another document e.g. QAD, Non-SIT S&A QT Test Data Approach and Plan.



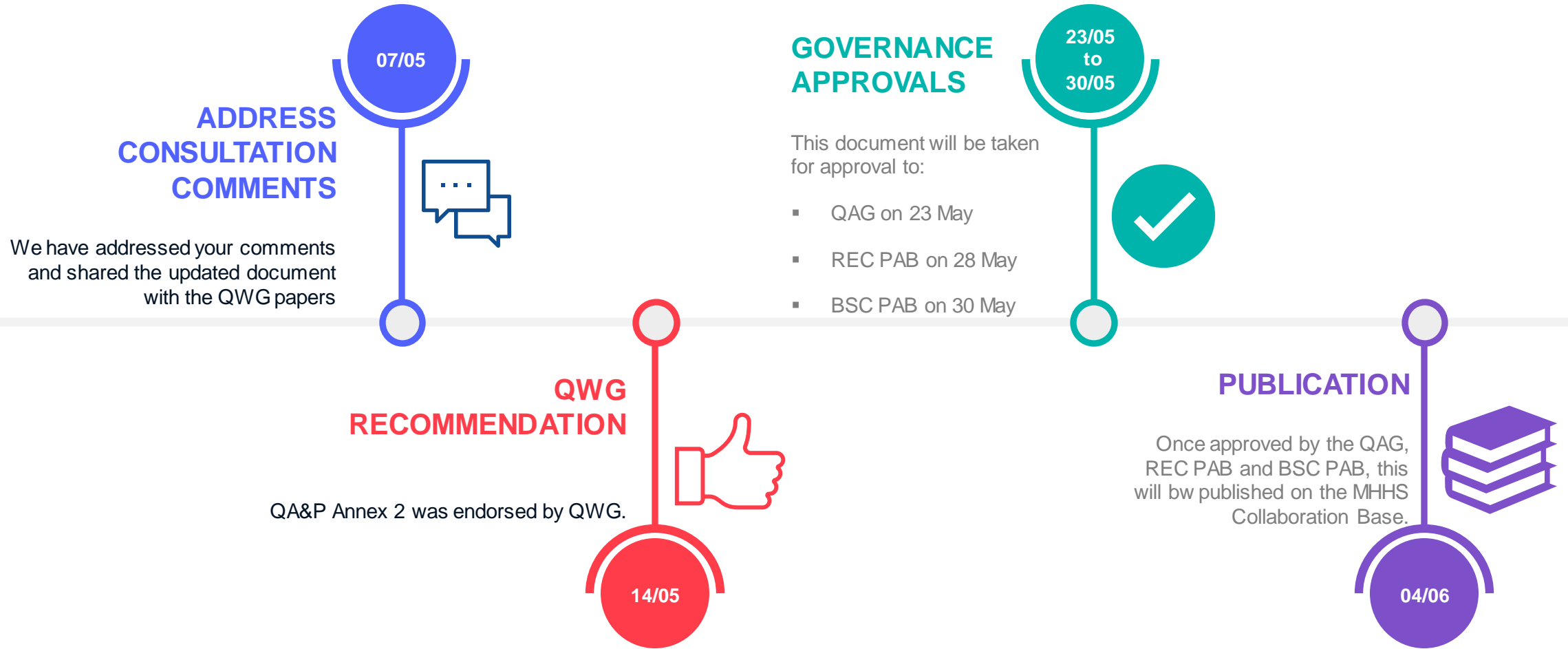
### RTTM AND TEMPLATE TIMELINES

#### You said:

Additional information was required on timelines for Non-SIT S&A QT Deliverables including Templates and RTTM

#### We did:

1. We are providing additional information regarding the RTTM as part of QWG.
2. We are looking to publish dates against the remaining deliverables and templates for Non-SIT S&A QT.
3. Deliverable will be tracked as part of the new Non-SIT S&A QT Subgroup.



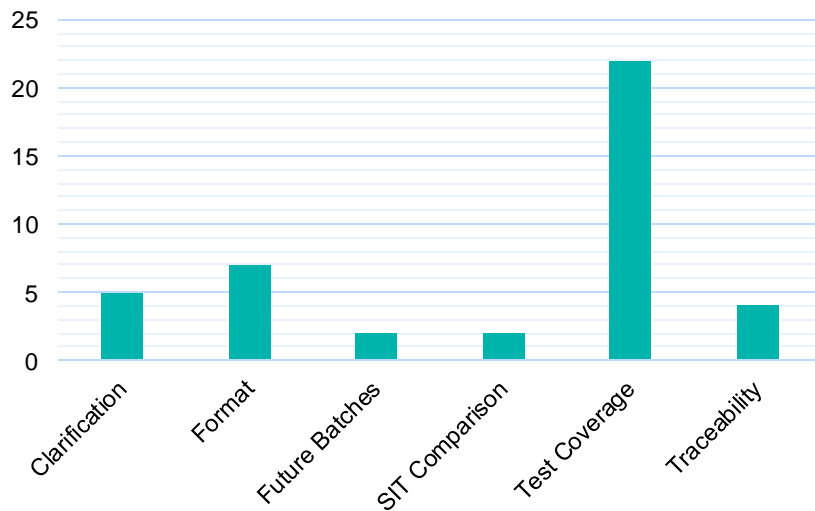
|                      |  |
|----------------------|--|
| <b>DECISION [12]</b> | QAG to confirm approval of Qualification Approach and Plan Annex 2 |
|----------------------|--|

## Batch 1 & 2 Consultation:

**42** comments

**7** organisations

**5** confirmations



### GENERAL CLARIFICATION REQUESTS

#### You said:

Many comments were requests for clarification and improved formatting

#### We did:

1. Updated the template to include additional data columns to improve clarity.
2. Improved the names of the test scenarios to provide additional context.
3. Responded to comments to provide further clarification.



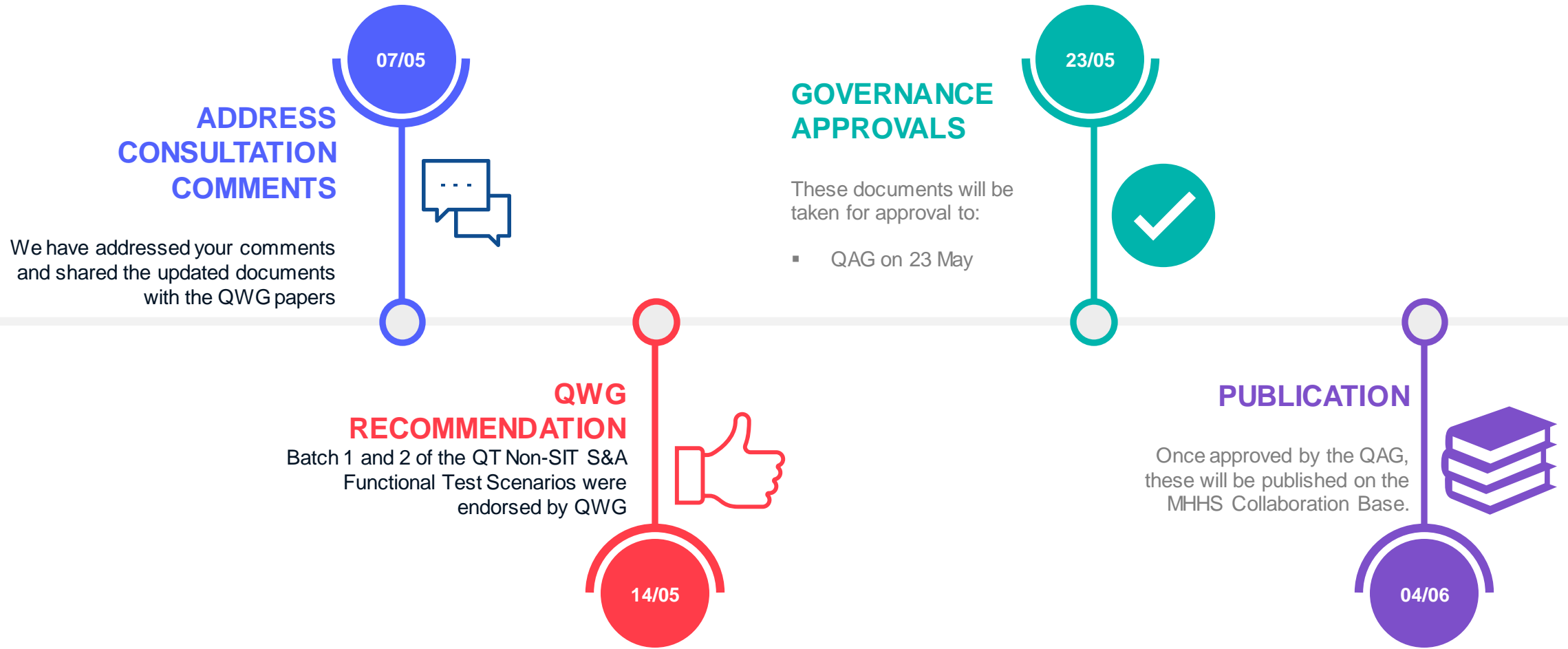
### TEST COVERAGE

#### You said:

That some roles looked like they were missing from test cases.

#### We did:

1. Crosschecked and updated role column for completeness.
2. Added a small number of test cases to ensure coverage across market segments.
3. Flagged test cases which participants will need to run more than once to test incoming and outgoing roles within the scenario.



**DECISION [13]** QAG to confirm approval of Functional QT Test Scenarios Batch 1 and 2

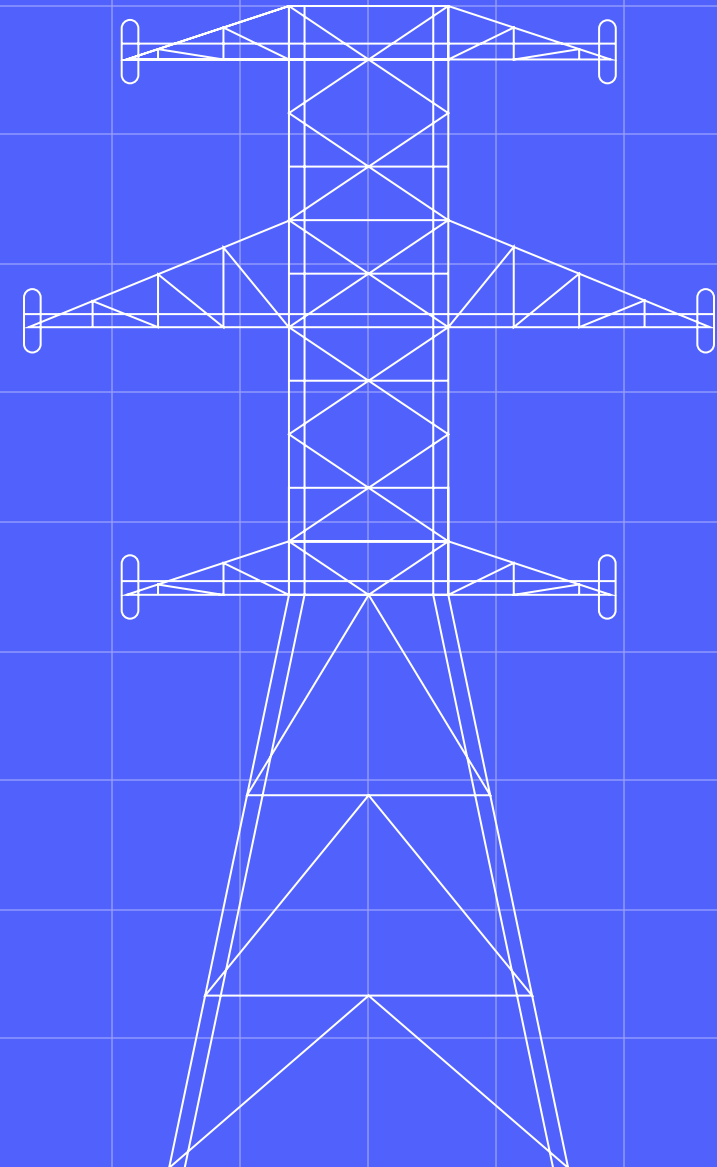
# Updates from QWG

**INFORMATION:** Latest summary of updates from QWG:  
Code Bodies to provide update on:

- Qualification Approach for New Entrants
- QAD consultation

*Code Bodies (Matt Cogram)*

*5 mins*



## **This Month the QWG discussed:**

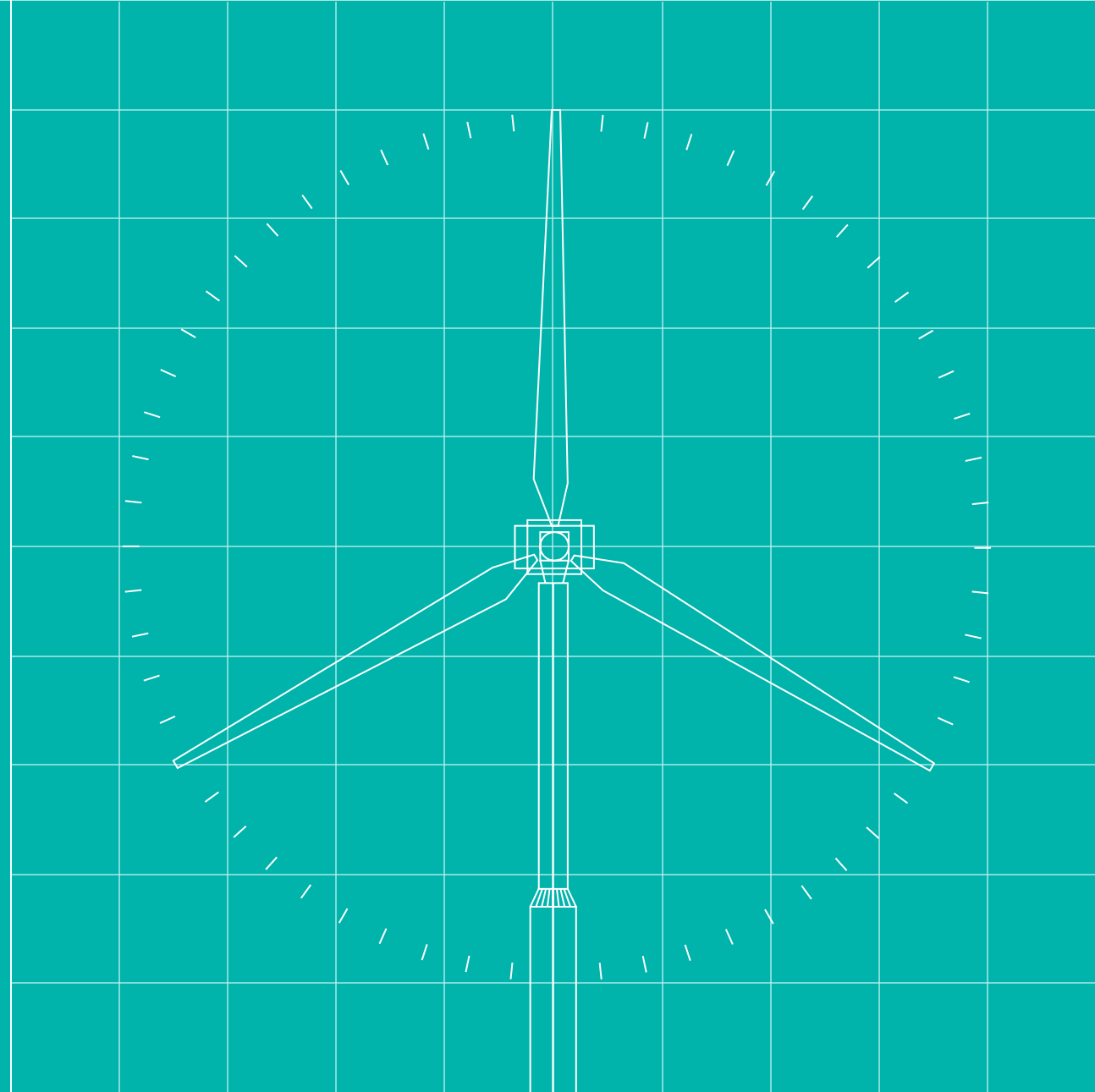
- E2E Sandbox Update
- Requirements Test Traceability Matrix (RTTM) for Non-SIT Participants
- QA&P: Annex 2 & Functional Test Scenario Batch 1 & 2 Consultation Responses
- Pre-Qualification Submission
- LDSO QT Documentation

# Terms of Reference for New QWG Sub- Groups

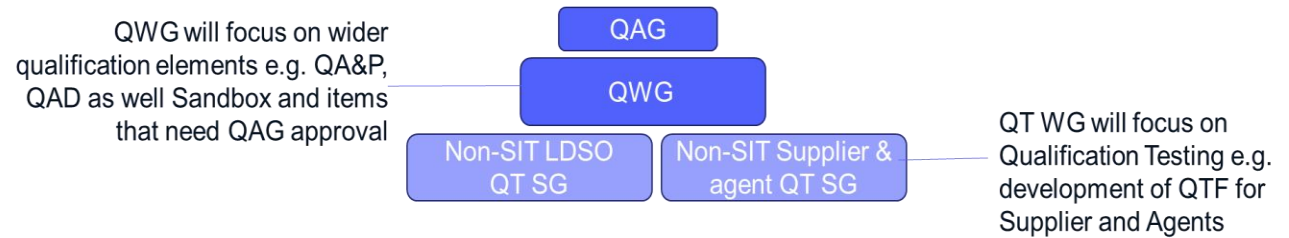
**DECISION:** Request for QAG to approve the ToR for the two new Qualification Sub-Groups (LQTSG and SAQTSG).

*Programme (Nicola Farley), Code Bodies (Laura Kennedy)*

*10 mins*



- April's QAG approved the mobilisation of two new subgroups to focus on Qualification Testing:
  - Non-SIT LDSO Qualification Testing Subgroup
  - Non-SIT Supplier & Agent Qualification Testing Subgroup
- First sessions will be held:
  - Non-SIT LDSO Qualification Testing Subgroup – **2pm 29 May 2024**
  - Non-SIT Supplier & Agent Qualification Testing Subgroup – **2pm 05 June 2024**
- Both groups will focus on specifically on Qualification Testing for the participant group rather than elements related to wider MHHS Qualification.
- .



|      | Mon          | Tue        | Wed           | Thu        | Fri          |
|------|--------------|------------|---------------|------------|--------------|
| WK 1 | LQTSG papers | QWG papers | <b>SAQTSG</b> |            |              |
| WK 2 |              | <b>QWG</b> |               | QAG papers |              |
| WK 3 |              |            |               | <b>QAG</b> | LQTSG papers |
| WK 4 |              | BSC PAB    | <b>LQTSG</b>  | REC PAB    |              |

MHHS Qualification Meeting Monthly Cadence



- Terms of references for both groups are part of today's QAG papers and will be discussed at the first subgroup.
- Both groups are advisory to support the development of qualification testing
- Project Managers/Test Managers will likely gain the most from attending these sessions

#### Purpose and Duties

The SAQT Sub-Group will:

- Support Code Bodies in developing the QT arrangements with user input in line with the MHHS Programme Plan and the QA&P,
- Assess and identify risks, issues and dependencies associated with development of Qualification Testing arrangements for Non-SIT Supplier and Agents and escalate to QAG any that impact the programme, and
- Assess and provide feedback on Testing artefacts including Non-SIT S&A Qualification Testing Test Data Approach and Plan and Non-Functional, Migration and Operational testing scope.

#### Purpose and Duties

The LDSO QT Sub-Group will:

- Enable effective development of deliverables for Non-SIT LDSO QT.
- Support MHHSP in developing the QT arrangements with user input in line with the MHHS Programme Plan and the QA&P
- Support the LDSO programme participants with technical queries by enabling more detailed discussions specific to the Non-SIT LDSO Qualification Testing.
- Active tracking of progress across LDSO QT cohort.
- Monitoring risk mitigation activities.
- Assess and identify risks, issues and dependencies associated with development of Qualification Testing arrangements for Non-SIT LDSO and escalate to QWG any that impact the programme.
- Assess and provide feedback on non-SIT LDSO QT Testing artefacts and deliverables.

### DECISION [14]

#### QAG to confirm:

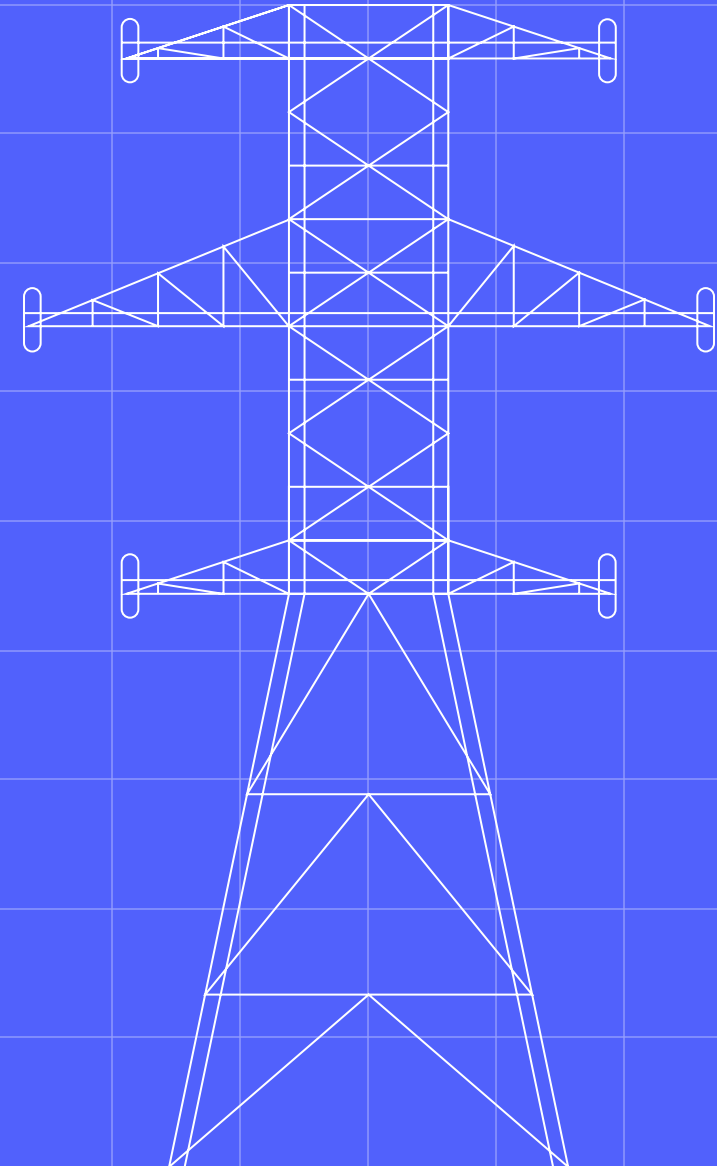
- Non-SIT LDSO Qualification Testing Sub-Group (LQTSG) ToR v0.1
- Non-SIT Supplier & Agent Qualification Testing Sub-Group (SAQTSG) ToR v0.2

# Programme Milestones related to QAG

**INFORMATION:** Overview of upcoming Programme Milestones related to QAG and any milestone changes for approval:  
Approval of Milestone T3-QU-0063  
Approval of Milestone T3-QU-0064  
Approval of Milestone T3-QU-0066

*Programme (Nicola Farley) & Code Bodies (Laura Kennedy)*

*5 mins*



- CR047 and CR048 were raised to allow the Programme Plan to be updated to align with the Qualification plan which the MHHSP, Code Bodies and Participants have been tracking to since last November.
- Thank you to parties who took the time to respond to the Impact Assessments – feedback has been taken onboard and updates to the milestones were made as appropriate.
- CR047 and CR048 were approved by the Change Board and taken to May's PSG where they were ratified.
- The impacted tasks and milestones will be updated in the programme plan at next up-issue. Milestone IDs will be added to supplementary notes for CR047 as well as to the project and programme schedules.
- Progress against these milestones are included as part of the ongoing QAG agenda.

The following three milestones are ready for confirmation of completion following the approval of the Qualification Approach and Plan v2 and Qualification Assessment Document v1 at the BSC and REC PABs:

- T3-QU-0063: Functional Testing elements of Qualification Approach and Plan v2 approved by REC PAB and BSC PAB
- T3-QU-0064: Migration Testing elements of Qualification Approach and Plan v2 approved by REC PAB and BSC PAB
- T3-QU-0066: Qualification Assessment Document v1 approved by REC PAB and BSC PAB

### DECISION [15]

#### QAG to confirm milestones:

- **T3-QU-0063**, *Functional Testing elements of Qualification Approach and Plan v2 approved by REC PAB and BSC PAB*
- **T3-QU-0064**: *Migration Testing elements of Qualification Approach and Plan v2 approved by REC PAB and BSC PAB*
- **T3-QU-0066**: *Qualification Assessment Document v1 approved by REC PAB and BSC PAB*

**Look Ahead – Key Milestones Status at 15-May-24 (1)**

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

| Milestone ID | Forum              | Milestone Title   | Baseline Date | Forecast Date | Responsible | Previous RAG<br>08/05/24 | Current RAG<br>15/05/24 | Forecast RAG<br>22/05/24 | Commentary   |
|--------------|--------------------|---|---------------|---------------|-------------|--------------------------|-------------------------|--------------------------|--|
| T3-TE-0067   | QAG                | E2E Sandbox Guidance approved   | Fri 04/08/23  | Fri 18/07/24  | SI Test     | Red                      | Red                     | Red                      | Draft approach and plan view on Sandbox Guidance presented and discussed in QWG on 14th May. Proposed E2E Sandbox Guidance sign off 18th July QAG      |
| T3-DB-0146   | SITAG              | All SIT Migration RTTMs MHHS Reviews Completed  | Thu 18/04/24  | Thu 18/04/24  | SI Test     | Red                      | Red                     | Blue                     | Late because of late delivery of RTTMS 33/34 reviewed  |
| T3-DB-0148   | SITAG              | All SIT Migration Test scenarios MHHS Reviews Completed   | Thu 18/04/24  | Thu 18/04/24  | SI Test     | Red                      | Red                     | Blue                     | Late because of late delivery of Test scenarios. 33/34 reviewed  |
| T3-TE-0033   | SITAG              | SIT Participants' SIT B environments ready to start connectivity proving (incl. certificates and security compliance) | Fri 03/05/24  | Fri 03/05/24  | SI Test     | Red                      | Red                     | Red                      | 20 PPs complete. 3 will complete in time for the start of test execution. 4 yet to respond to the request for an update. Reminder comms are being sent |
| 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          | Green                    | Red                     | Red                      | Late because of late submission. 15/34 received  |
| T3-DB-0149   | SITAG              | All SIT Migration PIT Completion Reports submitted to Programme for assurance   | Fri 10/05/24  | Fri 10/05/24  | PP          | Red                      | Red                     | Red                      | Late because of late submission. 16/34 received  |
| T3-TE-0026   | SITAG              | SIT Non-Functional Testing Test Approach & Plan approved  | Wed 15/05/24  | Wed 15/05/24  | SI Test     | Green                    | Red                     | Red                      | Removed from May SITAG Approval - Working Assumptions require further validation   |
| T3-TE-0113   | SITAG              | SIT Non-Functional Testing Test Data Approach & Plan approved   | Wed 15/05/24  | Wed 15/05/24  | SI Test     | Green                    | Blue                    | Grey                     |  |
| T3-TE-0029   | SITAG              | SIT Operational Testing Test Approach & Plan approved   | Wed 15/05/24  | Wed 15/05/24  | SI Test     | Green                    | Blue                    | Grey                     | Inc SIT Operational Data Approach & Plan   |
| T3-QU-0074   | QAG (Non-SIT LDSO) | Non-SIT LDSO QT Test Data Plan Approved by QAG  | Thu 16/05/24  | Thu 23/05/24  | Code Bodies | Red                      | Red                     | Blue                     | Approval at May QAG (Decision 11)  |



**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 15-May-24 (2)

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

| Milestone ID | Forum              | Milestone Title   | Baseline Date | Forecast Date | Responsible              | Previous RAG<br>08/05/24 | Current RAG<br>15/05/24 | Forecast RAG<br>22/05/24 | Commentary   |
|--------------|--------------------|---|---------------|---------------|--------------------------|--------------------------|-------------------------|--------------------------|--|
| T3-RE-0500   | CCAG               | Final code drafting (mop-up) approved   | Wed 22/05/24  | Wed 22/05/24  | PP                       |                          |                         |                          |  |
| TBC          | QAG                | QAG Approval of Non-SIT S&A Test Approach and Plan                                  |               | Thu 23/05/24  | Non-SIT S&A QT Test Team |                          |                         |                          | Awaiting approval at 23/5 QAG  |
| T3-QU-0072   | QAG (Non-SIT LDSO) | Test Scenarios & Cases - Migration - Approved at QAG                                | Thu 23/05/24  | Thu 23/05/24  | Non-SIT LDSO             |                          |                         |                          | Approval at May QAG (Decision 10)  |
| TBC          | QAG                | QAG Approval of QT Functional Test Scenarios and Test Cases Batches 1 and 2         |               | Thu 23/05/24  | Non-SIT S&A QT Test Team |                          |                         |                          | Awaiting approval at 23/5 QAG  |
| T3-DB-0150   | SITAG              | All SIT Migration PIT Completion Reports MHHS Review Completed                      | Fri 24/05/24  | Fri 24/05/24  | SI Test                  |                          |                         |                          | Will not deliver to forecast date because a small number of PPs are forecasting late delivery of PIT |
| TBC          | QAG                | BSC & REC PAB Approval of Non-SIT S&A Test Approach and Plan                        |               | Thu 30/05/24  | Code Bodies              |                          |                         |                          | Awaiting approval at 23/5 QAG  |
| 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-TE-0080   | SITAG              | Cycle 2 - PP's confirmation that test data is ready for SIT Functional              | Fri 31/05/24  | Fri 31/05/24  | SI Test Data             |                          |                         |                          |  |
| T2-TE-0650   | SITAG              | SIT Migration Testing Preparation Complete  | Mon 03/06/24  | Mon 03/06/24  | SI Test                  |                          |                         |                          |  |
| T3-MI-0023   | MCAG               | MCAG Approval of M10/M11 Cut-over Plan  | Tue 04/06/24  | Tue 04/06/24  | SI Transition            |                          |                         |                          |  |
| T3-TE-0038   | SITAG              | SIT Migration Testing Start   | Mon 10/06/24  | Mon 10/06/24  | SI Test                  |                          |                         |                          |  |
| 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                       |                          |                         |                          |  |
| T3-QU-0110   | QAG (Non-SIT LDSO) | QAG Approval for Operational, Non-Functional & Migration Annexes of Approach & Plan | Fri 14/06/24  | Fri 14/06/24  | Code Bodies              |                          |                         |                          |  |
| T3-QU-0075   | QAG (Non-SIT LDSO) | PIT Test Approach & Plan Deadline for Submission for Non-SIT LDSO QT                | Fri 14/06/24  | Fri 14/06/24  | Non-SIT LDSO             |                          |                         |                          |  |

| 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 15-May-24 (3)

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

| Milestone ID | Forum              | Milestone Title   | Baseline Date | Forecast Date | Responsible      | Previous RAG<br>08/05/24 | Current RAG<br>15/05/24 | Forecast RAG<br>22/05/24 | Commentary  |
|--------------|--------------------|---|---------------|---------------|------------------|--------------------------|-------------------------|--------------------------|---|
| T3-QU-0112   | QAG (Non-SIT LDSO) | Test Data Cut Complete  |               | Mon 17/06/24  | PP, Non-SIT LDSO |                          |                         |                          | Awaiting approval at 23/5 QAG   |
| T3-TE-0092   | SITAG              | Environment Approach and Plan - SIT Non Functional  | Wed 19/06/24  | Wed 19/06/24  | SI Test          |                          |                         |                          |   |
| T3-TE-0114   | SITAG              | SIT NFT Scenarios & Test Cases Approved - Theme 1   | Wed 19/06/24  | Wed 19/06/24  | SI Test          |                          |                         |                          |   |
| T3-QU-0077   | QAG (Non-SIT LDSO) | PP Test Scope Approved at QAG   | Thu 20/06/24  | Thu 20/06/24  | Non-SIT LDSO     |                          |                         |                          |   |
| T3-DB-0183   | SITAG              | DIP Simulator uplifted to align with Interim Release 8  | Fri 21/06/24  | Fri 21/06/24  | SI DevOps        |                          |                         |                          |   |
| T3-QU-0065   | QAG                | Non-Functional Testing elements of Qualification Approach and Plan v3 approved by REC PAB and BSC PAB | Thu 27/06/24  | Tue 30/07/24  | Code Bodies      |                          |                         |                          | To go to QAG for re-baselining approval. Late because moved QA&P v3 back by one month to allow us to review and incorporate the responses to the Non-Functional update to Annex 1 into Annex 2 and the QA&P |
| T3-QU-0012   | QAG                | Confirmation of participant Qualification Wave allocation   | Fri 28/06/24  | Fri 28/06/24  | Code Bodies      |                          |                         |                          |   |
| T3-DB-0152   | SITAG              | SIT Non-Functional Test approach and plan MHHS Review Completed                                       | Thu 04/07/24  | Thu 04/07/24  | SI Test          |                          |                         |                          |   |
| T3-DB-0161   | SITAG              | SIT Operational PIT RTTM submitted to Programme for assurance   | Thu 04/07/24  | Thu 04/07/24  | PP               |                          |                         |                          |   |
| T3-DB-0163   | SITAG              | SIT Operational PIT test scenarios submitted to Programme for assurance                               | Thu 04/07/24  | Thu 04/07/24  | PP               |                          |                         |                          |   |
| T3-DB-0154   | SITAG              | SIT Non-Functional RTTM MHHS Review Completed   | Thu 11/07/24  | Thu 11/07/24  | SI Test          |                          |                         |                          |   |
| T3-DB-0156   | SITAG              | SIT Non-Functional Test scenarios MHHS Review Completed   | Thu 11/07/24  | Thu 11/07/24  | SI Test          |                          |                         |                          |   |
| T3-TE-0120   | SITAG/QAG          | Environment Approach and Plan - S and A Testing   | Wed 17/07/24  | Wed 17/07/24  | SI Test          |                          |                         |                          |   |
| T3-TE-0115   | SITAG              | SIT NFT Scenarios & Test Cases Approved - Theme 2   | Wed 17/07/24  | Wed 17/07/24  | SI Test          |                          |                         |                          |   |

| 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 15-May-24 (4)

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

| Milestone ID | Forum                 | Milestone Title  | Baseline Date | Forecast Date | Responsible                 | Previous RAG<br>08/05/24 | Current RAG<br>15/05/24 | Forecast RAG<br>22/05/24 | Commentary                    |
|--------------|-----------------------|--|---------------|---------------|-----------------------------|--------------------------|-------------------------|--------------------------|-------------------------------|
| T3-TE-0114   | SITAG                 | SIT NFT Scenarios & Test Cases Approved - Theme 3                                  | Wed 17/07/24  | Wed 17/07/24  | SI Test                     |                          |                         |                          |                               |
| T3-TE-0117   | SITAG                 | SIT Operational Scenarios & Test Cases Approved - Theme 1                          | Wed 17/07/24  | Wed 17/07/24  | SI Test                     |                          |                         |                          |                               |
| T3-TE-0118   | SITAG                 | SIT Operational Scenarios & Test Cases Approved - Theme 2                          | Wed 17/07/24  | Wed 17/07/24  | SI Test                     |                          |                         |                          |                               |
| T3-QU-0111   | QAG<br>(Non-SIT LDSO) | Agree Test Execution Timetable Format at QAG, Including Anonymisation Requirements |               | Thu 18/07/24  | Code Bodies                 |                          |                         |                          |                               |
| T3-QU-0071   | QAG<br>(Non-SIT LDSO) | Test Scenarios & Cases - Non-Functional - Approved at QAG                          | Thu 18/07/24  | Thu 18/07/24  | Non-SIT LDSO                |                          |                         |                          |                               |
| T3-QU-0073   | QAG<br>(Non-SIT LDSO) | Test Scenarios & Cases - Operational - Approved at QAG                             | Thu 18/07/24  | Thu 18/07/24  | Non-SIT LDSO                |                          |                         |                          |                               |
| TBC          | QAG                   | QAG Approval of Qualification Approach and Plan v3                                 |               | Thu 18/07/24  | Code Bodies                 |                          |                         |                          | Awaiting approval at 23/5 QAG |
| TBC          | QAG                   | QAG Approval of QT Test Data Approach and Plan                                     |               | Thu 18/07/24  | Non-SIT S&A<br>QT Test Team |                          |                         |                          | Awaiting approval at 23/5 QAG |
| T3-QU-0114   | QAG<br>(Non-SIT LDSO) | Test Plan Submission to MHHS Programme For Review                                  |               | Fri 26/07/24  | LDSO                        |                          |                         |                          |                               |
| T3-QU-0116   | QAG<br>(Non-SIT LDSO) | Interim Test Readiness Report Submission to MHHS Programme for Review              |               | Fri 26/07/24  | LDSO                        |                          |                         |                          |                               |
| T3-MI-0033   | MCAG                  | MCAG Approval of Early Life Support Model  | Tue 30/07/24  | Tue 30/07/24  | SI Transition               |                          |                         |                          |                               |



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 15/05/24 (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 | Project            | Responsible              | Change Type | Milestone Title   | Baseline Date | Forecast Date | Previous RAG<br>08/05/24 | Current RAG<br>15/05/24 | Forecast RAG<br>22/05/24 | Commentary  |
|--------------|--------------------|--------------------------|-------------|---|---------------|---------------|--------------------------|-------------------------|--------------------------|---|
| TBC          | QAG                | Participants             | New         | Pre-Qualification Submission and PIT Test Plan Deadline for Submission                                  |               | Fri 26/04/24  |                          |                         |                          |   |
| TBC          | QAG                | Non-SIT S&A QT Test Team | New         | QAG Approval of Non-SIT S&A Test Approach and Plan  |               | Thu 23/05/24  |                          |                         |                          |   |
| TBC          | QAG                | Non-SIT S&A QT Test Team | New         | QAG Approval of QT Functional Test Scenarios and Test Cases Batches 1 and 2                             |               | Thu 23/05/24  |                          |                         |                          |   |
| TBC          | QAG                | Code Bodies              | New         | BSC & RECPAB Approval of Non-SIT S&A Test Approach and Plan   |               | Thu 30/05/24  |                          |                         |                          |   |
| TBC          | QAG (Non-SIT LDSO) | Code Bodies              | New         | QAG Approval for Operational, Non-Functional & Migration Annexes of Approach & Plan                     |               | Fri 14/06/24  |                          |                         |                          |   |
| T3-QU-0112   | QAG (Non-SIT LDSO) | Participants             | New         | Test Data Cut Complete  |               | Mon 17/06/24  |                          |                         |                          |   |
| T3-QU-0065   | QAG                | Code Bodies              | Date Change | Non-Functional Testing elements of Qualification Approach and Plan v3 approved by RECPAB and BSC PAB    | Thu 27/06/24  | Tue 30/07/24  |                          |                         |                          | To go to QAG for re-baselining approval. Late because moved QA&P v3 back by one month to allow us to review and incorporate the responses to the Non-Functional update to Annex 1 into Annex 2 and the QA&P |
| T3-QU-0111   | QAG (Non-SIT LDSO) | Code Bodies              | New         | Agree Test Delivery Schedule Format at QWG, including anonymisation requirements                        |               | Thu 18/07/24  |                          |                         |                          |   |
| TBC          | QAG                | Code Bodies              | New         | QAG Approval of Qualification Approach and Plan v3  |               | Thu 18/07/24  |                          |                         |                          |   |
| TBC          | QAG                | Non-SIT S&A QT Test Team | New         | QAG Approval of QT Test Data Approach and Plan  |               | Thu 18/07/24  |                          |                         |                          |   |
| T3-QU-0114   | QAG (Non-SIT LDSO) | LDSO                     | New         | Test Plan Submission to MHHS Programme For Review   |               | Fri 26/07/24  |                          |                         |                          |   |
| T3-QU-0116   | QAG (Non-SIT LDSO) | LDSO                     | New         | Interim Test Readiness Report Submission to MHHS Programme for Review                                   |               | Fri 26/07/24  |                          |                         |                          |   |
| TBC          | QAG                | Code Bodies              | New         | QAG Approval of Qualification Approach and Plan v4  |               | Thu 22/08/24  |                          |                         |                          |   |
| TBC          | QAG                | Code Bodies              | New         | QAG Endorsement of Qualification Assessment Document v2   |               | Thu 22/08/24  |                          |                         |                          |   |
| TBC          | QAG                | Code Bodies              | New         | Assessment Criteria (Functional, Non-Functional, Migration, Operational) Approved by RECPAB and BSC PAB |               | Thu 29/08/24  |                          |                         |                          |   |
| T3-QU-0113   | QAG (Non-SIT LDSO) | Non-SIT LDSO             | New         | Test Data Signed Off  |               | Tue 03/09/24  |                          |                         |                          |   |
| TBC          | QAG                | S & A                    | New         | Update to Qualification Assessment Document Portal post QAD V2 Complete                                 |               | Thu 12/09/24  |                          |                         |                          |   |

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 15/05/24 (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 | Project            | Responsible  | Change Type | Milestone Title   | Baseline Date | Forecast Date | Previous RAG<br>08/05/24 | Current RAG<br>15/05/24 | Forecast RAG<br>22/05/24 | Commentary |
|--------------|--------------------|--------------|-------------|---|---------------|---------------|--------------------------|-------------------------|--------------------------|------------|
| TBC          | QAG (Non-SIT LDSO) | Non-SIT LDSO | New         | Non-SIT LDSO QT Test Execution Starts   |               | Tue 01/10/24  |                          |                         |                          |            |
| TBC          | QAG                | Participants | New         | Non-SIT LDSO QT Participants have submitted their initial QAD   |               | Thu 10/10/24  |                          |                         |                          |            |
| TBC          | QAG                | Participants | New         | Qualification Wave 1 Participants' to provide status of PIT completion and submit QT Test Plan        |               | Fri 29/11/24  |                          |                         |                          |            |
| TBC          | QAG                | Participants | New         | Qualification Wave 1 Participants have submitted their initial QAD                                    |               | Fri 20/12/24  |                          |                         |                          |            |
| TBC          | QAG                | Participants | New         | Qualification Wave 1 Participants have submitted PIT Test Completion Report and evidence for QT Entry |               | Fri 20/12/24  |                          |                         |                          |            |
| TBC          | QAG                | Participants | New         | Non-SIT LDSO QT Participants have submitted their final QAD   |               | Mon 06/01/25  |                          |                         |                          |            |
| TBC          | QAG                | Participants | New         | Qualification Testing Framework (Test Stubs and Supporting UI) Complete                               |               | Fri 17/01/25  |                          |                         |                          |            |
| TBC          | QAG                | Participants | New         | Qualification Testing Wave Readiness Confirmed  |               | Thu 23/01/25  |                          |                         |                          |            |
| TBC          | QAG                | Participants | New         | Qualification Wave 2 Participants' to provide status of PIT completion and submit QT Test Plan        |               | Fri 31/01/25  |                          |                         |                          |            |
| TBC          | QAG                | Participants | New         | Qualification Wave 2 Participants have submitted PIT Test Completion Report and evidence for QT entry |               | Fri 21/02/25  |                          |                         |                          |            |
| TBC          | QAG                | Participants | New         | Qualification Wave 2 Participants have submitted their initial QAD                                    |               | Fri 21/02/25  |                          |                         |                          |            |
| TBC          | QAG                | Code Bodies  | New         | REC Code Manager / BSC PAB Approval of Qualification (MVC)  |               | Fri 28/02/25  |                          |                         |                          |            |
| TBC          | QAG                | Participants | New         | Qualification Wave 3 Participants' to provide status of PIT completion and submit QT Test Plan        |               | Mon 31/03/25  |                          |                         |                          |            |
| TBC          | QAG                | Participants | New         | Qualification Wave 3 Participants have submitted their initial QAD                                    |               | Fri 18/04/25  |                          |                         |                          |            |
| TBC          | QAG                | Participants | New         | Qualification Wave 3 Participants have submitted PIT Test Completion Report and evidence for QT Entry |               | Fri 18/04/25  |                          |                         |                          |            |
| TBC          | QAG                | Code Bodies  | New         | REC Code Manager / BSC PAB Approval of Qualification (Non-MVC)  |               | Fri 30/05/25  |                          |                         |                          |            |
| TBC          | QAG                | Participants | New         | Qualification Wave 4 Participants' to provide status of PIT completion and submit QT Test Plan        |               | Fri 30/05/25  |                          |                         |                          |            |
| TBC          | QAG                | Participants | New         | Qualification Wave 4 Participants have submitted PIT Test Completion Report and evidence for QT entry |               | Fri 20/06/25  |                          |                         |                          |            |
| TBC          | QAG                | Participants | New         | Qualification Wave 1 Participants have submitted their final QAD                                      |               | Fri 20/06/25  |                          |                         |                          |            |
| TBC          | QAG                | Participants | New         | Qualification Wave 4 Participants have submitted their Initial QAD                                    |               | Fri 20/06/25  |                          |                         |                          |            |
| TBC          | QAG                | Participants | New         | Qualification Wave 2 Participants have submitted their final QAD                                      |               | Fri 15/08/25  |                          |                         |                          |            |
| TBC          | QAG                | Participants | New         | Qualification Wave 3 Participants have submitted their Final QAD                                      |               | Fri 17/10/25  |                          |                         |                          |            |
| TBC          | QAG                | Participants | New         | Qualification Wave 4 Participants have submitted their Final QAD                                      |               | Fri 19/12/25  |                          |                         |                          |            |

Milestone RAG definitions

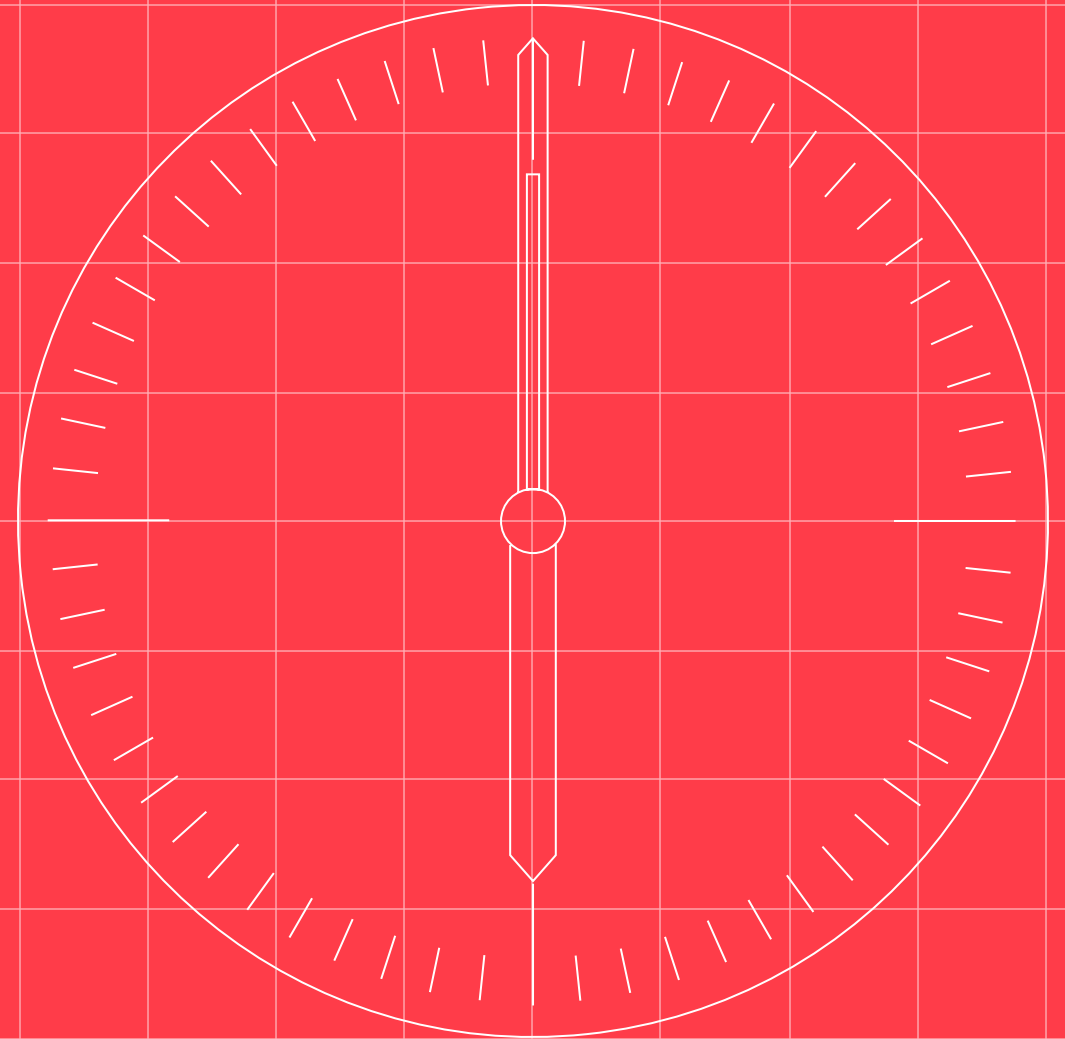
|          |          |   |  |
|----------|----------|---|--|
| Complete | On track | Likely to be met if issues / risks are resolved / mitigated | Date missed or unlikely to be met without escalation |
|----------|----------|---|--|

# Top Programme Risks Related to QAG

**INFORMATION:** QAG awareness of the key RAID items impacting the QAG

*Chair*

*5 mins*



## Risks to Qualification success (Page 1 of 2)

| Theme                          | Summary   | Mitigation Approach Overview   | RAG Status   |                  |
|--------------------------------|---|--|--------------|------------------|
| Risks to Qualification Success | Code Bodies are accountable for Qualification for all relevant PPs. Industry participants have raised a risk that there has been a lack of clarity on the approach and plan to deliver Qualification for non-SIT LDSOs, Suppliers and Agents. | <ul style="list-style-type: none"> <li>CR 47 and 48 have been approved by programme governance. This includes some additional milestones to support participant planning.</li> <li>Ongoing collaboration between MHSP and Code Bodies and industry to develop Qualification material through QWG</li> <li>Qualification Approach and Plan, Qualification Assessment document (QAD), LDSO qualification testing approach approved at March's QAG / PABs. Supplier &amp; Agent test approach due to be approved at May QAG.</li> <li>Participants have submitted their PQS and PIT plans which are being reviewed</li> </ul> | Previous RAG | Amber (16 risks) |
|                                |   |  | Current RAG  | Amber (18 risks) |

| Key Risks     |   |                       |    |    |    |    |    |    |    |      |    |    |    |    |    |    |    |        |    |    |    |    |   |   |   |     |   |   |   |                                       |                     |  |
|---------------|---|-----------------------|----|----|----|----|----|----|----|------|----|----|----|----|----|----|----|--------|----|----|----|----|---|---|---|-----|---|---|---|---------------------------------------|---------------------|--|
| Risk/Issue ID | Risk Description  | Risk Score Assessment |    |    |    |    |    |    |    |      |    |    |    |    |    |    |    |        |    |    |    |    |   |   |   |     |   |   |   | Current score movement since last PSG | Mitigation Plan     |  |
|               |   | Critical              |    |    |    |    |    |    |    | High |    |    |    |    |    |    |    | Medium |    |    |    |    |   |   |   | Low |   |   |   |                                       |                     |  |
|               |   | 30                    | 29 | 28 | 27 | 26 | 25 | 24 | 23 | 22   | 21 | 20 | 19 | 18 | 17 | 16 | 15 | 14     | 13 | 12 | 11 | 10 | 9 | 8 | 7 | 6   | 5 | 4 | 3 |                                       |                     | 2  |
| R653          | There is a risk that the programme do not mobilise test environments or harnesses in support of Non-SIT LDSO QT   |                       |    |    |    |    |    |    |    |      |    |    |    |    |    |    |    |        |    |    |    |    |   |   |   |     |   |   |   |                                       | Score remains at 12 | <ol style="list-style-type: none"> <li>Discussions held with DIP and DIP are working towards a DIP UIT environment being available by 1 August 2024.</li> <li>LDP has delivery plan for delivery of test harnesses which they are confident in.</li> <li>Helix has been incorporated into the scope of the Test Harness</li> </ol>   |
| R276          | There is risk of Elexon BSC and/or RECCo having limited capacity to manage the volume of Participants going through Qualification testing at any one time |                       |    |    |    |    |    |    |    |      |    |    |    |    |    |    |    |        |    |    |    |    |   |   |   |     |   |   |   |                                       | Score remains at 15 | <ol style="list-style-type: none"> <li>Code Bodies are asking PPs to submit a pre-qualification submission which will be used to allocate waves so that the Code Bodies have a view through Qualification and can adjust resourcing levels as needed to support this.</li> <li>Once PQS responses have been received, Code Bodies will review any potential capacity constraints that they may have and make adjustments, where reasonably possible, so as to avoid the need to move non-SIT parties into later Qualification Waves</li> </ol>   |
| R332          | Suppliers may require maximum amount of time to complete their DBT, resulting in backlog in final waves of Qualification                                  |                       |    |    |    |    |    |    |    |      |    |    |    |    |    |    |    |        |    |    |    |    |   |   |   |     |   |   |   |                                       | Score remains at 15 | <ol style="list-style-type: none"> <li>Initial assessment of Qualification Wave preferences undertaken by PPC.</li> <li>Code Bodies have asked Non-SIT Suppliers and Agents to provide a Pre-Qualification Submission by 26 April. This will provide a view on supplier's plans for Qualification and preferred Qualification Wave. Once this information is received then Code Bodies will review any potential capacity constraints and make adjustments,, to allow them to manage participant's preferred Qualification Wave. This information will also be made available to the Programme so that it can understand the impact of supplier's plans on their Migration start dates.</li> </ol> |

| Key |               |
|-----|---------------|
| I   | Initial Score |
| C   | Current Score |
| T   | Target Score  |

## Risks to Qualification success (Page 2 of 2)

| Theme                          | Summary   | Mitigation Approach Overview  | RAG Status   |                  |
|--------------------------------|---|---|--------------|------------------|
| Risks to Qualification Success | Code Bodies are accountable for Qualification for all relevant PPs. Industry participants have raised a risk that there has been a lack of clarity on the approach and plan to deliver Qualification for non-SIT LDSOs, Suppliers and Agents. | <ul style="list-style-type: none"> <li>CR 47 and 48 going through programme governance for approval. This includes some additional milestones to support participant planning.</li> <li>Ongoing collaboration between MHSP and Code Bodies and industry to develop Qualification material through QWG</li> <li>Qualification Approach and Plan, Qualification Assessment document (QAD), LDSO qualification testing approach approved at March's QAG / PABs. Supplier &amp; Agent test approach due to be approved at May QAG.</li> </ul> | Previous RAG | Amber (16 risks) |
|                                |   |   | Current RAG  | Amber (18 risks) |

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

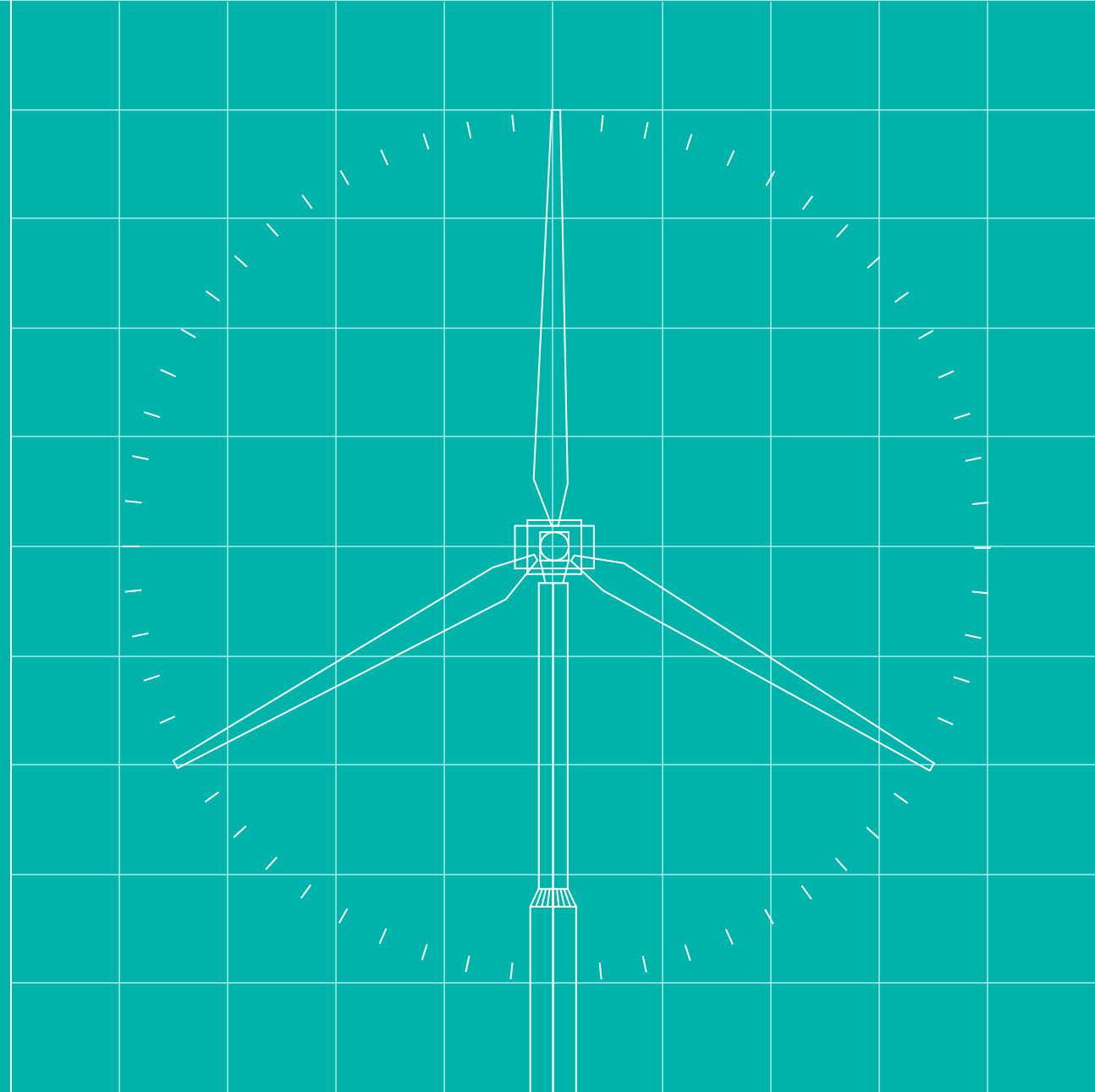
| Key   |               |
|---|---------------|
| <span style="background-color: #ccccff; border-radius: 50%; padding: 2px;">I</span> | Initial Score |
| <span style="background-color: #ccffcc; border-radius: 50%; padding: 2px;">C</span> | Current Score |
| <span style="background-color: #ccffcc; border-radius: 50%; padding: 2px;">T</span> | Target Score  |

# AOB

**DISCUSSION:** Participants to raise any queries on Qualification

*Chair*

*5 mins*

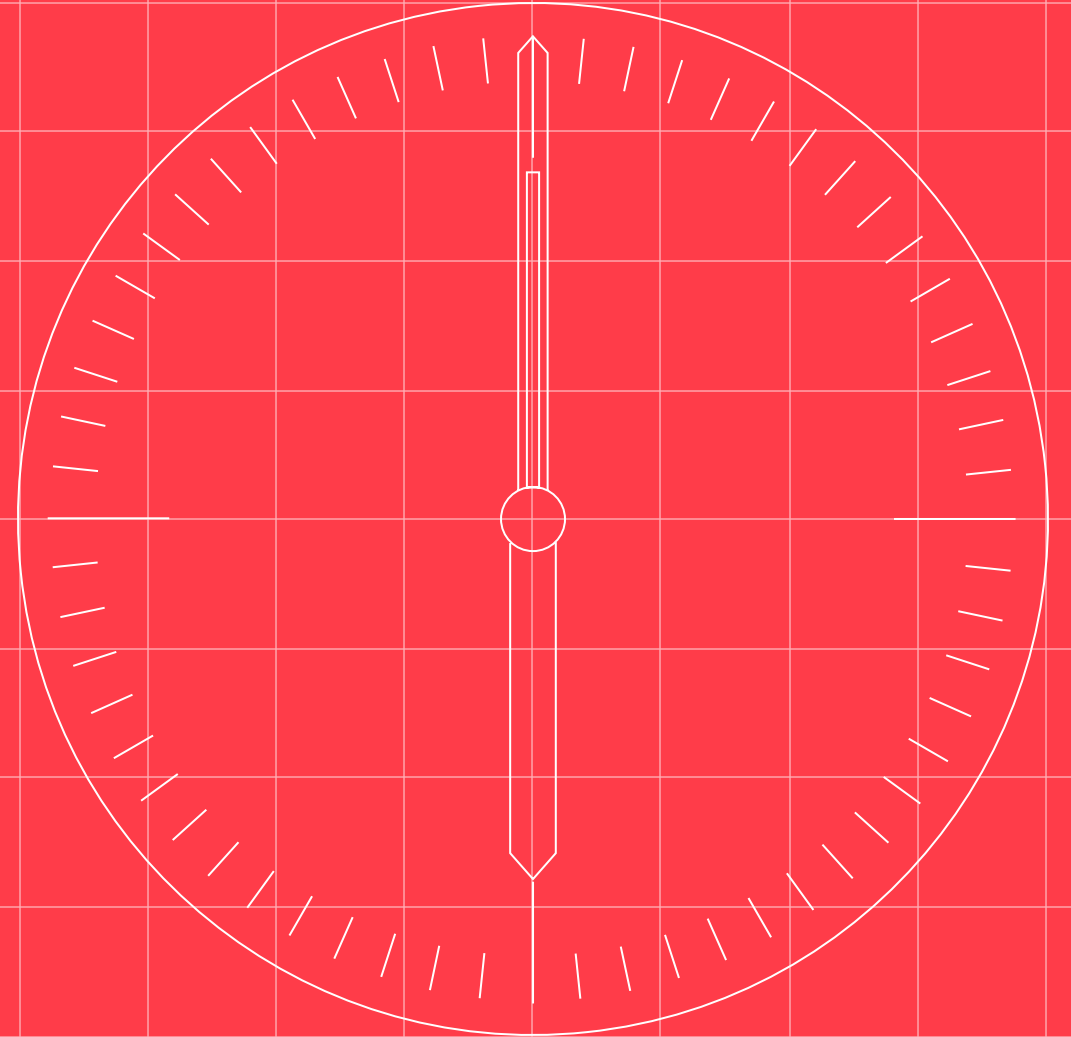


# Summary and next steps

**INFORMATION:** Summarise actions and agree any agenda items for next meeting

*Secretariat*

*5 mins*



## Summary and next steps

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### Next steps:

1. Confirm actions from meeting
2. Date of the next QWG: **Tuesday 11 June 2024**
3. Date of the next regular QAG: **Thursday 20 June 2024**
4. Date of the first LQTSG: **Wednesday 29 May 2024 at 2pm**
5. Date of the first SAQTSG: **Wednesday 05 June at 2pm**