



**MHHS  
PROGRAMME**  
Industry-led, Elexon facilitated

---

# Non-SIT Supplier Journey Through the Market Half Hourly Settlement Programme

---

August 2023

MHHS-DEL 1446

This document has been drafted by the MHHS Programme to support suppliers taking the non-SIT route through the Market Half Hourly Settlement Programme.

Although the document touches upon several areas across the Programme, the document should only be considered as a high-level guide. It is therefore advised that suppliers taking the non-SIT route should prioritise reading and understanding the relevant documentation produced by Programme workstreams (Design, Testing, Qualification, Planning, Migration).

### Document Version Control

Version	Date	Owner	Update
1.0	24/7/2023	Ewan Cameron	Document created & peer reviewed

Page	Title of page
4	MHHS Programme non-SIT supplier responsibilities
5	Programme participant journey through MHHS overview
6-8	Activities ahead of migrating into new MHHS settlement
9	Qualification
10	Migration
11	Useful Programme documents
12	Useful Programme Working Groups
13	Baselined MHHS Implementation Timeline - POAP Showing Ofgem CR022 Approved Level 1 Milestones

## MHHS Programme non-SIT supplier responsibilities

As a non-SIT supplier within the MHHS Programme, there are several Programme obligations you should consider to successfully migrate into the new half hourly market or Milestone 16. The Programme produced a [Target Operating Model \(TOM\)](#) which outlines the new ways of working which could deliver half hourly settlement into the market.

If you are using a contracted third party software provider, it is likely that they will be able to assist you with your Design, Build and Test activities. However, there are several areas that you as an independent supplier are responsible for, such as:



**Strategy:** Outlined and agreed (at a senior level) your strategy for delivering MHHS. This could include input on consultations, Business Impact Assessment, Consequential Change (DBT2) and Benefit realisation;



**Budget:** Have secured a budget for delivering the MHHS Programme;



**Resource:** Secured the necessary internal resource required to enact MHHS;



**MHHS Service Providers:** Procure or develop and qualify the relevant services for all the MHHS roles you intend to operate with to support your customers (SDS, MSS, ADS, MSA);



**Testing:** Completed all the necessary internal Pre Integration Testing (PIT) for all the relevant roles that you intend to qualify for (Supplier as a minimum and potentially services as listed above);



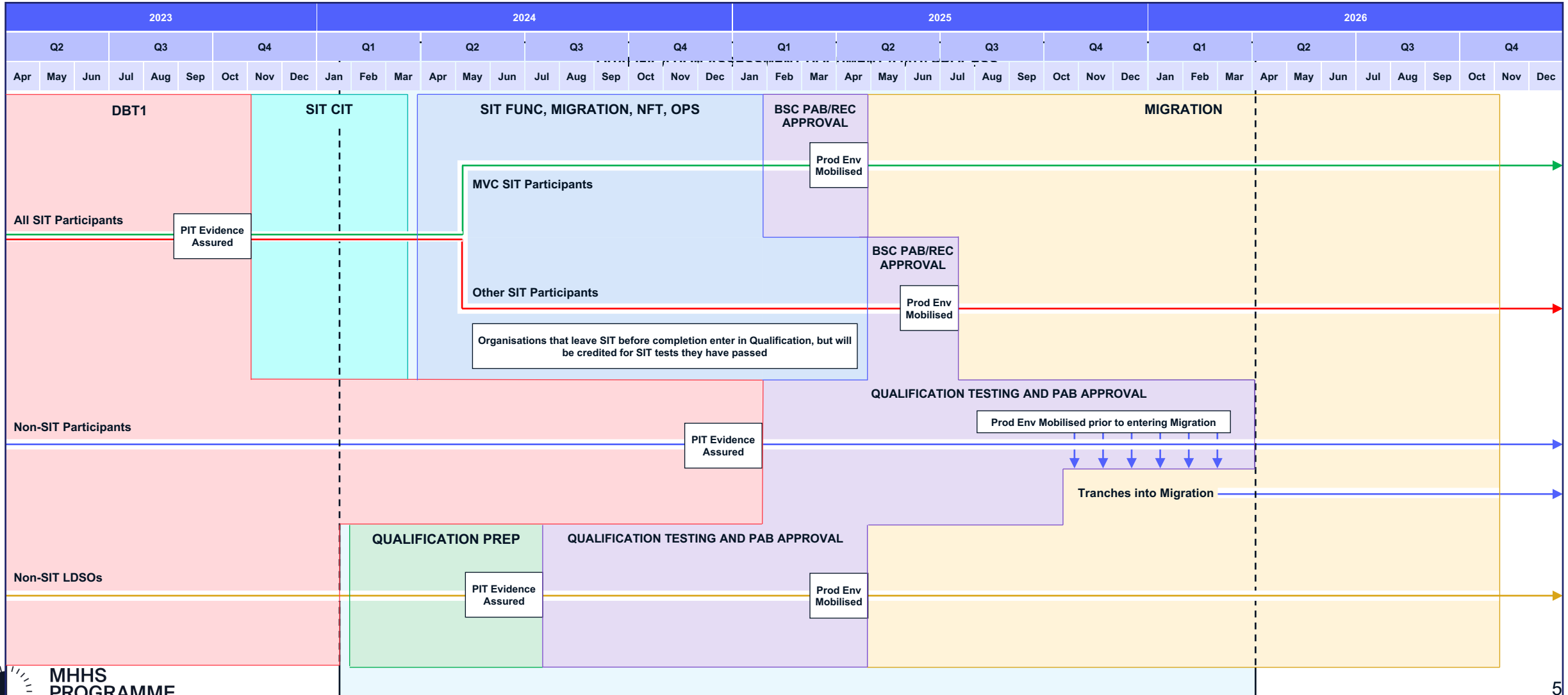
**Qualification:** Complete BSC and REC Qualification for all MHHS roles.



**Migration:** Completed all activities required ahead of your migration into the new half hourly settlement.

# Programme participant journey through MHHS overview

The below high-level plan outlines participant journeys and required activities to be taken for your Migration into the new half hourly settlement.



There are several phases of Programme activity that as a non-SIT supplier you should complete in order to pass through the MHHS Programme successfully. Your elected software provider may be able to help you address some of the below activities.

## 1. Pre Integration Testing (PIT)



**Background:** The PIT phase of the Programme is focused on the new settlement arrangements and aims to validate that every system or service required to be developed by Programme participants are in place and can meet the End to End MHHS design.



**PIT Guidance document:** The PIT Guidance document sets out PIT requirements for participants. The document details the stages of PIT - DBT1 PIT for Systems Integration Testing (SIT) or Qualification Testing and DBT2 PIT for additional system and process changes required for MHHS, but are not part of the Baselined Design. Participants should familiarise themselves with this document for more information and your requirements as part of PIT.



**PIT Deliverables:** Programme participants undertaking PIT are expected to provide evidence of their completion of PIT. The Programme has provided templates and further information on the approach taken, these can be found on the Collaboration Base and MHHS website. The Programme will also be undertaking an assurance review of PIT evidence submitted.



**PIT DBT1 for non-SIT participants:** The current expectation is that all non-SIT Programme participants must complete and provide evidence of DBT1 PIT prior to the start of Qualification Testing, but this will be developed further in the Qualification Approach and Plan.

## 2. Placing Reliance



**Background:** An organisation choosing to Qualify in a MHHS role via the non-SIT route may, where appropriate, “place reliance” on MHHS industry testing already successfully undertaken by another organisation/MPID acting in the same role with the same systems and processes. The placing reliance policy has been approved by the Code Bodies.



**Placing Reliance Policy:** The Programme has outlined the process for placing reliance in the MHHS Placing Reliance Policy found on the Testing page of the Collaboration Base and website. The Code Bodies current approach to placing reliance has also been set out in the Qualification Approach & Plan document, found on the Qualification page of the Collaboration Base and website.



**Qualification and Placing Reliance:** The specific process for placing reliance will also be outlined in future versions of the QA&P; it is expected that when placing reliance, which can be done either partially or fully, the Programme participant will not need to provide a copy of the testing report they are placing reliance on, but will need to reference in their QAD.

### 3. Programme Readiness Assessments



**Background:** Prior to the commencement of Qualification Testing in January 2025, the Programme will be running several Readiness Assessments. The next Readiness Assessment will be RA3. The assessments will run twice a year and are crucial part of the Programme assuring participant to deliver market half hourly.



**What you will need to do:** Participants will be contacted through the usual communications channels and will be expected to answer questions on readiness and potentially provide evidence of your readiness. The Programme will also be selecting some participants for a separate session to discuss in more detail their Programme readiness.



**When:** We will be running a Webinar in advance of RA3 and are scheduled to issue RA3 to participants on 5 September.



**Interaction with Qualification:** Programme Readiness Assessments are not connected with the Qualification process. Participants should not presume that evidence from Readiness Assessments can be used in Qualification.



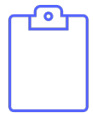
**Programme obligations:** We would like to remind Participants that they are obligated under industry Codes to respond to reasonable requests for information from the Programme and Readiness Assessments are viewed and mandatory requests for information that must be completed by all.



The purpose of Qualification is to gain assurance that each participant is able to meet the relevant requirements of their role in the business processes revised as a result of MHHS. Participants will need to complete Qualification in order to operate within the MHHS arrangements.



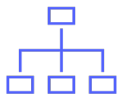
**Qualification Approach & Plan (QA&P):** Sets out the purpose of MHHS Qualification during the Market-wide Half Hourly Settlement Programme (MHHSPP) and the high-level plan and requirements for Programme Participants to undertake in relation to the BSC and REC. Non-SIT suppliers should become familiar with the QA&P document as it sets out at a high level a plan of activities and Qualification requirements.



**Qualification Assessment Document (QAD):** The QAD will include all requirements that participants need to complete to qualify. The Code bodies will jointly own the QAD and the document will need to pass through the Performance Assurance Boards (PABs) for both Code Bodies in addition to being approved at the Testing Migration & Advisory Group.



**Qualification Working Group (QWG):** The QWG should be considered as the main forum for suppliers to attend to better their understanding on Qualification activities. The group is open to all participants to attend.



**Format of Qualification Testing (QT):** QT will be split into tranches and each tranche will provide participants a six month window to complete the process. The allocation of tranches will follow the approach set out in the QA&P.



**Qualification queries:** Participants with any queries on Qualification should contact the Code Mailbox by emailing [risk@elexon.co.uk](mailto:risk@elexon.co.uk) and [performanceassurance@recmanager.co.uk](mailto:performanceassurance@recmanager.co.uk).

Migration is the process by which MPANs will be migrated from the Legacy arrangements to the new MHHS arrangements, and in the case of Reverse Migration, back to the Legacy arrangements from the MHHS arrangements, if required. Ahead of the Migration period, there are a number of prerequisites that suppliers will need to have met and evidenced, these include:



**Qualification:** Participants will need to have undergone qualification through the BSC / REC.



**Engagement with Migration Planning team:** Participants will need to have coordinated their migration plan with the Migration Planning Team. Each participant will be given the required capacity to complete their migration plans but they will need to coordinate this with the Migration Planning team so that they can ensure the industry wide capacity limits are not exceeded

In order to familiarise themselves with the approaches and processes for the migration period, participants should be familiar with a number of programme artefacts.

The technical processes by which the migration will take place are outlined in the suite of Migration Design Artefacts. Participants should familiarise themselves with these Artefacts, as these are the processes that participants will need to follow in order to successfully migrate their portfolios into the new MHHS arrangements. Below we have listed some of the key documents (which can be accessed via the Collaboration Base) and areas of the Migration approach that participants should be familiar with.

1. [Migration Design suite of Artefacts \(x14\)](#)
2. [Migration, Cutover and Data Strategy](#)
3. [Data Cleanse Plan](#)
4. Additional information about the Migration approach for the Programme can be found on the [Collaboration Base](#).

Below we have highlighted some of documents released by the Programme which should provide a good understanding of the key themes across the Programme. The list below should not be considered exhaustive and the Collaboration Base and website should continue to be your first point of contact.

Workstream	Document name	Theme	Link
Qualification	Qualification Approach & Plan (v1.0)	Qualification	<a href="#">Here</a>
Qualification	Qualification Assessment Document (QAD) – Not released	Qualification	TBC
Testing	MHHS Placing Reliance Policy (v1.0)	SIT & Qualification	<a href="#">Here</a>
Testing	Pre Integration Testing (PIT) Guidance (v2.0)	PIT	<a href="#">Here</a>
Testing	E2E Testing & Integration Strategy (v1.0)	Testing	<a href="#">Here</a>
Design	Design Issue Notification Log	Design Issues	<a href="#">Here</a>
Programme Information	Master Consultation Dashboard	Programme Consultations	<a href="#">Here</a>
Planning	Implementation Approach (v3.3)	Round 3 Replan	<a href="#">Here</a>
Planning	Outline MHHS Plan (v4.1)	Round 3 Replan	<a href="#">Here</a>

Below we have listed some of the Level 4 Working Groups which we think you should be attending to help support your understanding of the MHHS Programme. If you currently are not on the invite list for any of the below, please contact [PMO@mhhsprogramme.co.uk](mailto:PMO@mhhsprogramme.co.uk)

Abbreviation	Working group	Function / responsibility
<b>QWG</b>	Qualification and E2E Sandbox Working Group	this group will help define how Programme participants qualify under MHHS. This group is particularly relevant to those who are not taking part in SIT and undertaking Qualification Testing.
<b>SITWG</b>	Systems Integration Testing Working Group	Seeks to address topics that are relevant to SIT
<b>DWG</b>	Data Working Group	Responsible for defining the data that will be used during Programme Testing.
<b>MWG</b>	Migration Working Group	Responsible for defining the process of migrating MPANs
<b>EWG</b>	Environments and Configurations Management Working Group	Responsible for defining the Environments approach and plan for the MHHS Programme for approval by TMAG.

# Baselined MHHS Implementation Timeline - POAP Showing Ofgem CR022 Approved Level 1 Milestones

The below Programme Plan is accurate as of July 2023. The Programme update the plan on a fortnightly basis and you can find the most up-to-date Programme Plan on the [Planning page](#) of the Collaboration Base.

## Baselined MHHS Implementation Timeline - POAP Showing Ofgem CR022 Approved Level 1 Milestones

