



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

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# Programme Steering Group #19

## 05 April 2023

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Version 1.0

MHHS-DEL1119

Document Classification: Public

# Agenda

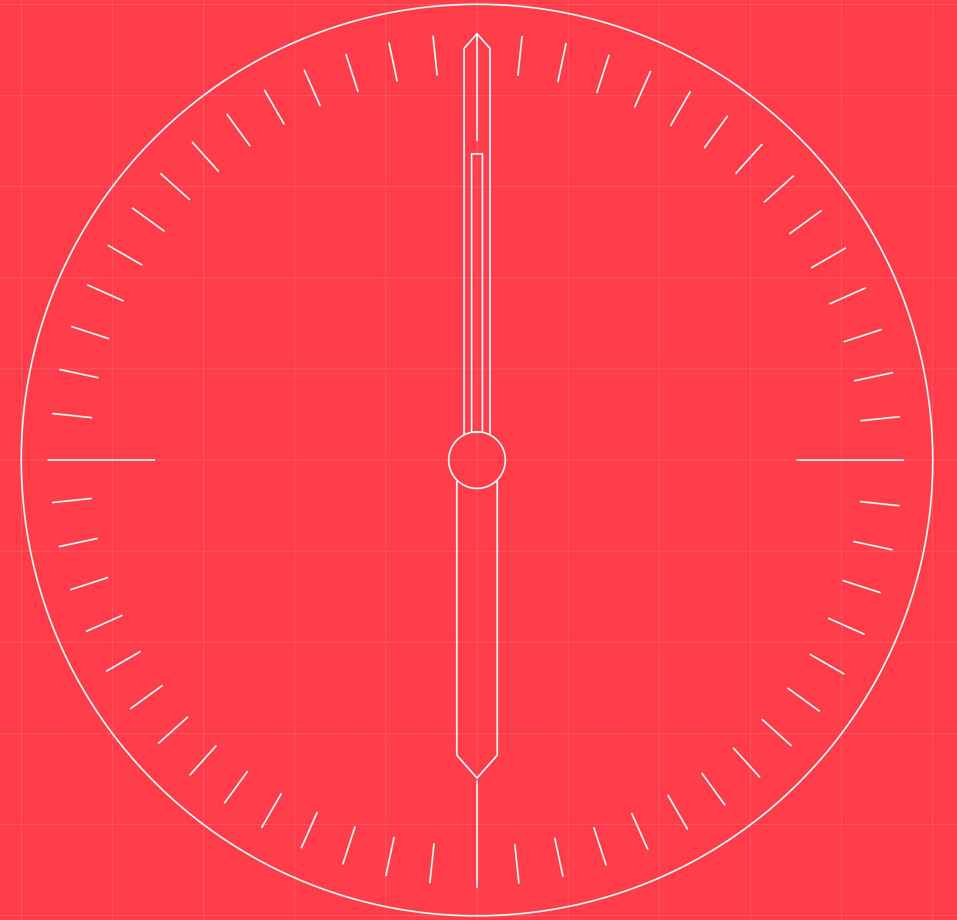
#	Item	Objective	Type	Lead	Time	Page
1	Welcome			Chair	10:00-10:05 5 mins	
2	Minutes and actions review	Approve minutes. Update on actions, closing where appropriate	Decision	Chair and Secretariat	10:05-10:10 5 mins	3
3	Sponsor update	Hear key messages from the Programme Sponsor	Information	Ofgem Sponsor (Melissa Giordano)	10:10-10:15 5 mins	6
4	Programme replan approach and Change Request	<ul style="list-style-type: none"> <li>Update on the approach and timeline for the replan</li> <li>Summarise the content of the re-plan Change Request including the status of, and changes to, the content of the re-plan since Round 3, including the main risks and assumptions: <ul style="list-style-type: none"> <li>M9 / SIT outlook</li> <li>Go live: M10 / M11</li> </ul> </li> <li>Agree whether to raise a Re-plan Change Request to Impact Assessment</li> </ul>	Discussion Discussion  Decision	Programme (Giles Clayden), Chair	10:15-11:05 50 mins	8
5	Interim Plan extension	Approve an extension to the Interim Plan, to cover the deferment to the replan timelines	Decision	Programme (Keith Clark)	11:05-11:15 10 mins	17
6	Programme workstream update	Provide an update on activity in the Design, Testing, Sims and Ems and Migration/Transition workstreams	Information	Programme (Ade Page)	11:15-11:25 10 mins	19
7	IPA LDSO assurance	Share lessons learned and recommendations identified through recent IPA LDSO assurance activity	Information	IPA (Richard Shilton)	11:25-11:35 10 mins	21
8	Reminder on MHHS processes	<ul style="list-style-type: none"> <li>Share the query and escalation process for participants, including MHHS Programme points of contact</li> <li>Share the standard process for MHHS industry consultations</li> </ul>	Information	Chair	11:35-11:45 10 mins	23
9	Delivery dashboards	Take questions from PSG members on delivery dashboard content	Information	Chair	11:45-11:55 10 mins	26
10	Summary and next steps	Summarise actions and decisions. Look ahead to next meeting	Information	Chair and Secretariat	11:55-12:00 5 mins	50
	Appendix	Detailed Interim Plan extension				52
	Attachments	MHHS - DEL173 Draft Change Request Form for PSG 05 April 2023 v0.7				

# Minutes and actions review

**DECISION:** Approve minutes. Update on actions, closing where appropriate

Chair and Secretariat

*5 mins*



## Minutes and actions review (1 of 2)

1. Approval of minutes from last PSG
2. Open actions and actions from last PSG

Ref	Created	Action	Owner	Due	Status	Latest Update
PSG15-01	07/12/22	Progress work on customer segments in migration at the Migration Design Subgroup (MDSG)	Programme (Jason Brogden)	01/03/23	Open – in progress	In discussion via the Migration Working Group (MWG), with a request for evidence shared with participants at the last MWG and responses back under analysis. This action will remain open until there is a conclusion.
PSG17-03	01/02/23	Discuss at DAG if the DIP design could result in changes to the MHHS core design, and if so, the likely timelines for changes to the core design to be delivered	Programme	01/03/23	Open	A risk has been raised to the Programme RAID log. The risk is currently low scoring. Implications of the DIP design on the core MHHS design will be discussed at DAG once the DIP design is available (this action will remain open until this point)
PSG17-05	01/02/23	Review the post-implementation approach to Benefits Realisation and how Benefits Realisation will be handed over to Ofgem at M16	Programme (Jason Brogden)	To be reviewed at CP2	Open	To remain open and be aligned to Control Point 2
PSG17-08	01/02/23	Discuss Small Supplier engagement with the Small Supplier Representative and Ofgem (e.g. engagement requirements, materiality/impact of low engagement, and ways to improve engagement)	Programme	01/03/23	Recommend closed	Meeting held 03 March 2023 with the Programme, Ofgem and PSG Small Supplier Representative. Actions agreed to progress engagement.
PSG18-01	01/03/23	Include a Supplier and Supplier Agent RAG in the SIT status dashboard	Keith Clark	05/04/23	Recommend closed	Updated in SIT dashboard slide
PSG18-02	01/03/23	Check PPC engagement with Small Supplier participants, as input to discussions with Ofgem and the Small Supplier rep	Jason Brogden	05/04/23	Recommend closed	Information used as an input to action PSG17-08
PSG18-03	01/03/23	Mobilise the Fast Track Implementation Group (FTIG)	Keith Clark	03/05/23	Open – in progress	FTIG mobilisation is in progress. The first meeting will be held on 14 April, with a cadence for the FTIG to be fortnightly falling a week before and a week after PSG

## Minutes and actions review (2 of 2)

Ref	Created	Action	Owner	Due	Status	Latest Update
PSG18-04	01/03/23	Provide feedback on the approach to sharing the Design Issue Notification Log for the Programme to review internally	Jon Hawkins/ Chris Price/PMO	05/04/23	Recommend closed	Full DIN log was shared w/c 13 March. If PSG members have further comments on the DIN log, this should be provided via the Design workstream
PSG18-05	01/03/23	Look into the assurance process for LDSOs for the accuracy of data for DUoS billing	Jason Brogden	05/04/23	Open – in progress	Programme progressing a statement on assurance to share with LDSOs and Elexon Helix
PSG18-06	01/03/23	Progress implementation of CR015 Option A via the Design Authority (DA)	Programme PMO	05/04/23	Open – in progress	Implementation in progress. Updates will be provided to PSG as the approving body and via the Design change process
PSG18-07	01/03/23	Update TMAG ToR and the Programme interim plan as per March PSG decisions	Programme PMO	05/04/23	Open – in progress	Housekeeping Change Request for TMAG ToR is progressing through the Change Process. Interim Plan is on the April PSG agenda.
PSG18-08	01/03/23	Add further detail on the status of each change request on the Change Control dashboard (e.g. lifecycle of the change)	Programme PMO	05/04/23	Recommend closed	Updated in Change Control dashboard slide
PSG18-09	01/03/23	Provide 23/24 budgets in PSG central party finance dashboards	Programme and Central Parties	05/04/23	Open – in progress	23/24 budgets from Helix, RECCo and the MHHS Programme are available in the dashboard. DCC budget is TBC

# Sponsor update

**INFORMATION:** Hear key messages from the Programme Sponsor

Ofgem Sponsor

*5 mins*

## **Sponsor's message**

- This Programme remains a high priority for Department for Energy who are keen to support the earliest practicable implementation of the new arrangements.
- We welcome that the Programme has acknowledged the issues we raised at the March PSG and has taken action to address these.
- Concerns remain about the risk of delay to SIT commencement. Are there mitigations that this group can suggest to address this risk?

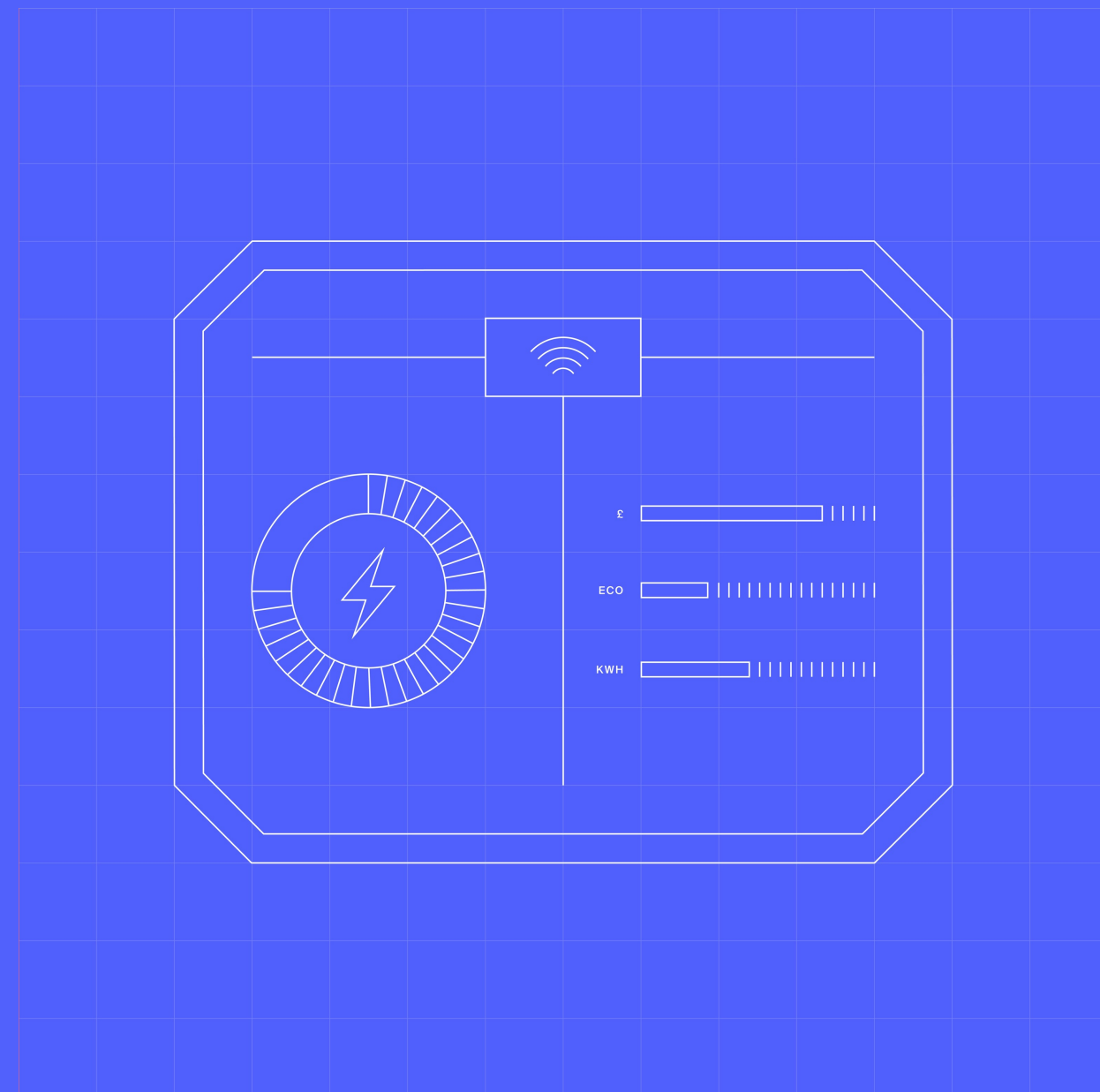
# Programme Re-plan Approach and Change Request

## DISCUSSION / DECISION:

- Update on the approach and timeline for the replan
- Summarise the content of the re-plan Change Request including the status of, and changes to, the content of the re-plan since Round 3, including the main risks and assumptions:
  - M9 / SIT outlook
  - Go live: M10 / M11
- Agree whether to raise a Re-plan Change Request to Impact Assessment

Giles Clayden

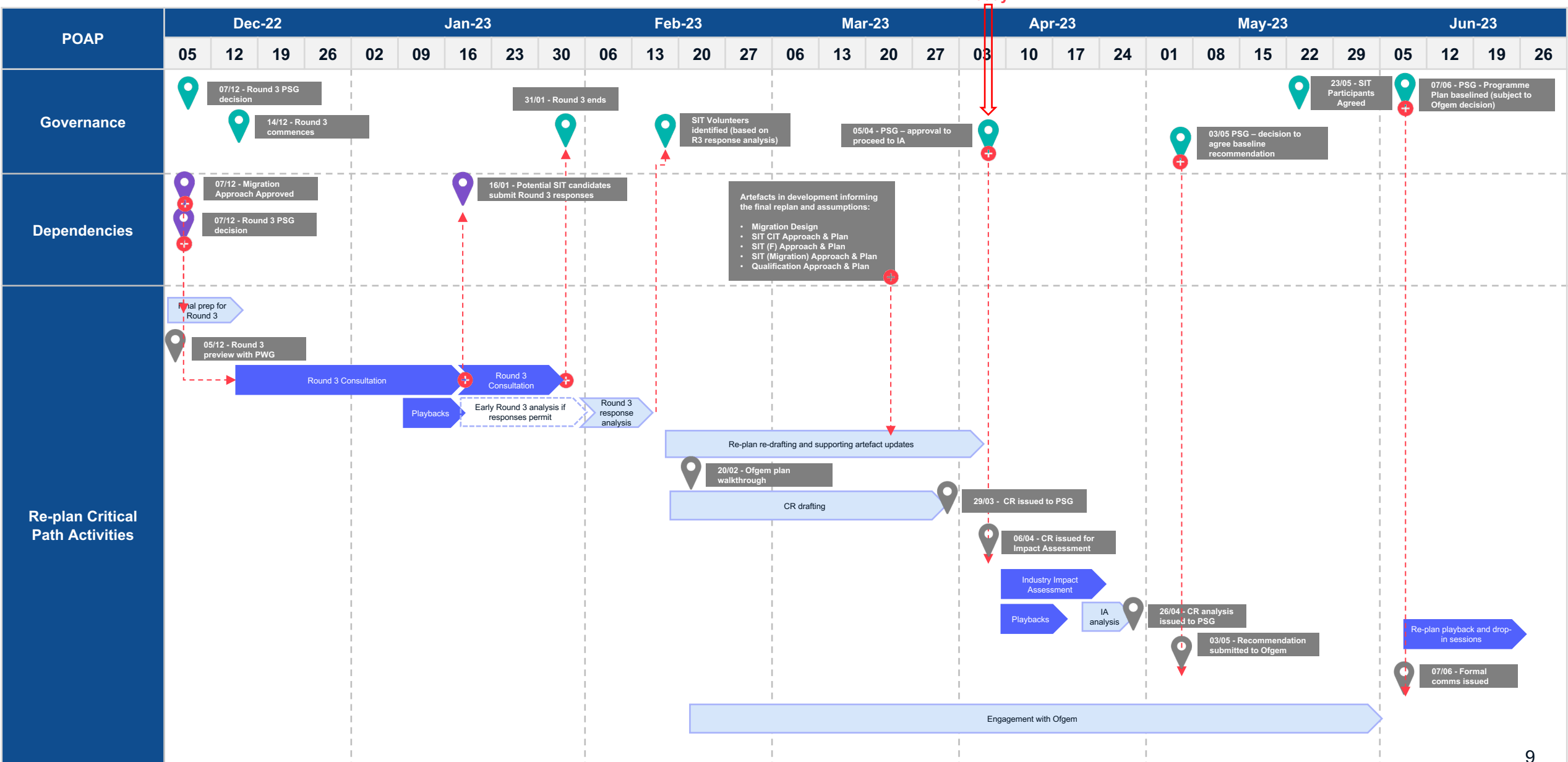
50 mins





# Programme Re-plan POAP – On Track Pending Decision to Release CR on 6 April 2023

KEY: Key dates PP Engagement with MHSP Dependency between tasks



# CR022 Replan Change Request - Background and Context

## The Case to Re-baseline the plan

- **MHHS Implementation Arrangements Decision Document (Aug 21).** Ofgem stated a clear intent to re-baseline the plan once Core Capability Provider procurement was complete. With the DIP Provider appointed in January 23, it is entirely appropriate to reset the plan now
- **Changes in approach.** There have been significant developments and refinements in approach across all areas of the plan end-to-end (see right). The most fundamental is the move to phasing with implications for SIT, qualification and migration as set out at PSG in Nov 22
- **Interim Plan extensions not tenable.** It is not sustainable to continue with short-term extensions. MHHSP needs to articulate the long-term plan internally and externally to all stakeholders as a matter of urgency, in particular in relation to benefits realisation and timing
- **Round 3 Evidence.** Excellent response rate at Round 3 (c. 50%) evidenced broad support for the timescales and planning envelopes derived from Rounds 1 and 2 for those that responded. Insights and conclusions from Round 3 need to be fully reflected in an updated plan now, whilst they are still valid and relevant.
- **Minimum Viable Cohort (MVC).** Round 3 is further evidence that MHHSP has the support of a strong cohort of PPs who wish to participate in SIT and have DBT plans enabling SIT (CIT) entry from M9. MHHSP is confident of forming an MVC based on Round 3 responses, which is a critical successful factor for the programme and fundamentally underpins the plan as proposed

## Revised Plan – Features

- **Round 3 Timescales** – All Tier 1 milestones remain the same as for the Round 3 plan
- **Tier 1 Date Ranges (M10 - M16)** – Given known risks under impact assessment, the CR specifies a range of dates, based on baseline milestones
- **Go-Live** – Targets M10/M11 in Mar/Apr 25 respectively but reflects known risks (e.g. migration Design Build & Test) in 3-month contingent Go-Live range which if needed will impact M12-M16
- **New Settlement Timeline (M16)** – moves from Oct 25 in original timetable to Dec 26. Contingent range of up to 6 months based on risk of M10 – M15 moving and need for stabilisation period.
- **SIT (CIT) Exit** – Staggered entry for MPRS means a small 2-week re-balancing of timescales between SIT phases since Round 3

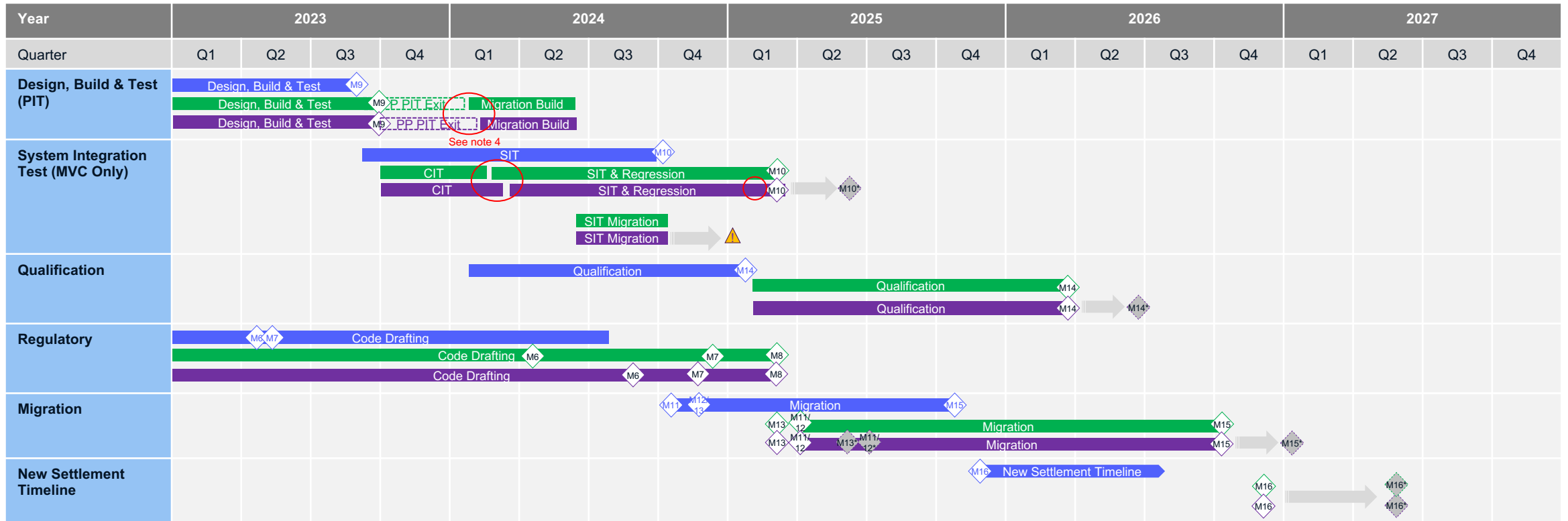
## Why now given the risks?

- **Governance.** A credible plan is fundamental to effective governance and control on a programme of this scale and complexity; to proceed further without one is a risk in itself
- **Enduring Planning Artefact.** Re-baselining is not a 'one-off'; updates are inevitable and will be managed by sound governance and change control. Change is inevitable
- **No guarantee risk profile will change.** With MHHSP firmly in flight, there is no guarantee the prevailing risk profile will be more favourable in a few weeks or months
- **Risk Factored In.** Incorporation of date ranges at M10 and M16, formally acknowledge the risks being carried by MHHSP around SIT timescales and SIT entry for some parties
- **Change Criteria Unchanged.** Baselining does not change MHHSP posture toward future CRs. Some prevailing risks may materialise, potentially requiring further CRs soon after baselining. These CRs will not be prejudiced in any way

## What has changed since original timetable?

- **Phasing.** Each PP will be allowed to progress at their own pace through testing and into migration. The advantage is MHHSP can move at the pace of the fastest PPs without being held back by the slowest, enabling benefits to be realised earlier for faster PPs (and consumers).
- **SIT Strategy.** Amended to allow SIT PPs to enter into SIT (CIT) in a staggered manner and delay PIT completion. This will mitigate any potential impact on Tier 1 milestones. SIT PP volume is also larger than original timetable assumed
- **Equivalence.** Enables PPs to use SIT exit evidence as deemed equivalent to Qualification need for BSC / REC market entry. SIT PPs have the incentive of being able to enter the market up to 6 months earlier, avoiding qualification testing
- **Placing Reliance.** PPs choosing to Qualify via the non-SIT route may, where appropriate, *place reliance* on MHHS industry-wide testing successfully undertaken by other PPs
- **Qualification Tranches.** Directly stems from phasing and will enable PPs to enter qualification testing at the next available tranche post-PIT
- **Migration.** PPs enter migration in phased manner over extended period as SIT and each qualification tranche completes. Phased entry to migration helps drive early achievement of benefits for SIT / MVC PPs from 2025
- **Reverse Migration.** Mitigates any impact on consumer choice for consumers who wish to move to a non-MHHS supplier, from one that has migrated. Key enabler for qualification and migration being run in parallel to support phasing

# Evolution of Plan (Simplified View) CR009 to Re-plan CR022 – Comparison of Key Critical Path Phases



## Key

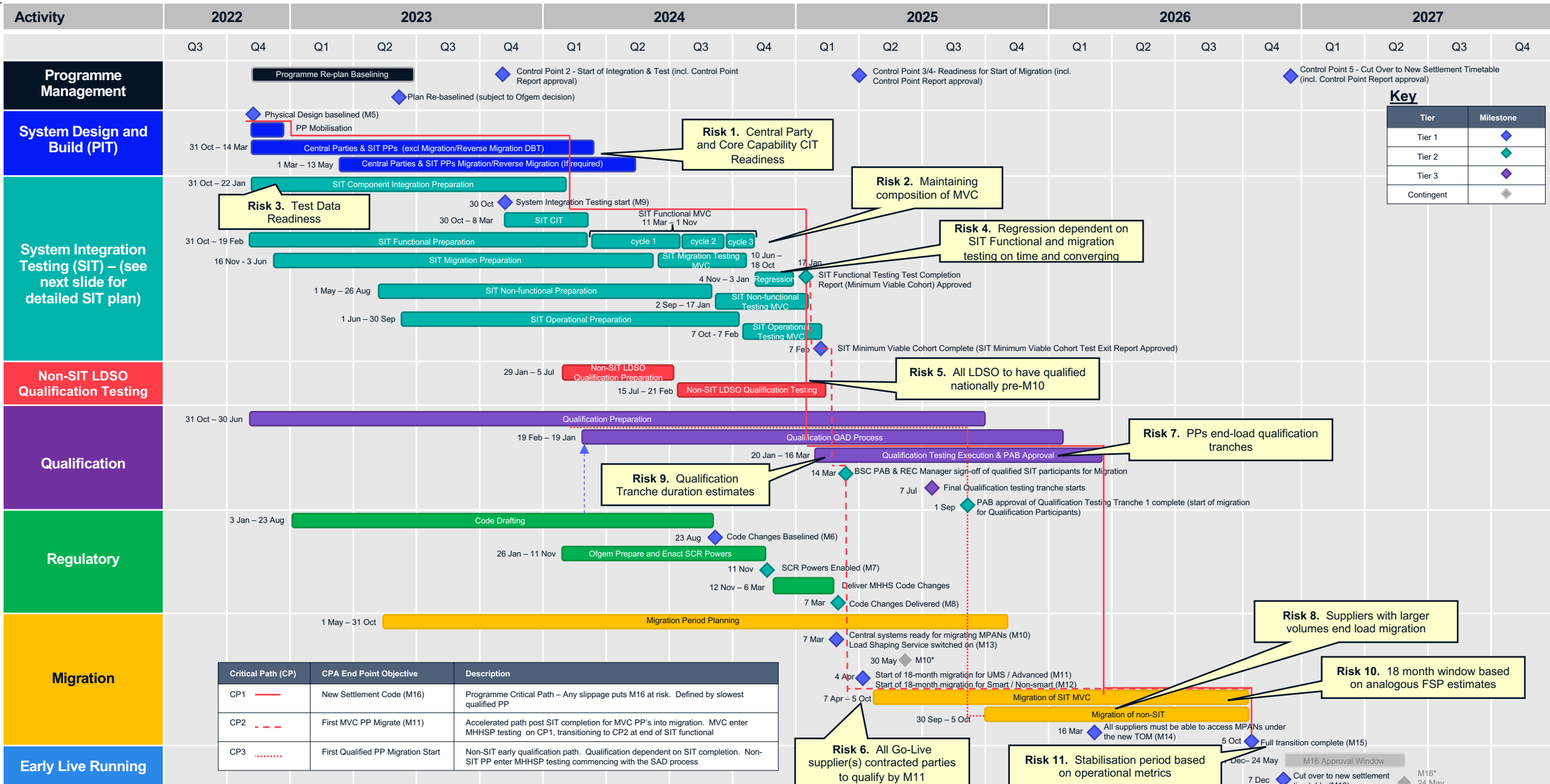
Version	Description
CR009	Original Timetable Overlaid with CR009 changes
Round 3	Plan as issued for Round 3 Consultation
Re-plan CR022	Latest Plan for issue with Replan CR
	* Starred - contingency milestone

## Notes

- Tier 1 milestones designated Level 1 require Ofgem approval to move more than 3 months.
- Any slippage in M10 will impact M11 – M16
- M16 is potentially impact by movement in M10-M15 milestones and/or duration of stabilisation period needed post M15, hence extended contingent range
- Regression testing duration reduced marginally to accommodate 2 week extension to SIT (CIT) due to staggered MPRS versus Round 3 plan

Milestone	Description	CR009	Round 3	CR022 (vs CR009)	Milestone <sup>2</sup>	Description	CR009	Round 3	CR022 (vs CR009)
M5 (Level 1 <sup>1</sup> )	Physical Baseline Design Delivered	Oct 22	Oct 22	Oct 22	M11 (Level 1 <sup>1</sup> )	Start of migration for UMS/Advanced	Oct 24	Apr 25	Apr 25 (+6 months)
M6 (Level 1 <sup>1</sup> )	Code Changes Baselined	Apr 23	Apr 24	Aug 24 (+16 months)	M12 (Level 1 <sup>1</sup> )	Start of migration for Smart/Non-smart	Nov 24	Apr 25	Apr 25 (+5 months)
M7	Smart Meters Act powers enabled	May 23	Dec 24	Nov 24 (+18 months)	M13	LSS Switched On	Nov 24	Mar 25	Mar 25 (+4 months)
M8	Code Changes Delivered	Nov 22	Mar 25	Mar 25 (+28 months)	M14	All suppliers must be able to accept MPANs under the new TOM (one way gate)	Feb 25	Mar 26	Mar 26 (+13 months)
M9 (Level 1 <sup>1</sup> )	SIT Start	Aug 23	Oct 23	Oct 23 (+ 2 months)	M15 (Level 1 <sup>1</sup> )	Full Transition Complete	Oct 25	Oct 26	Oct 26 (+12 months)
M10 (Level 1 <sup>1</sup> )	Central Systems ready for migrating MPAN	Sep 24	Mar 25	Mar 25 (+6 months)	M16 (Level 1 <sup>1</sup> )	Cutover to New Settlement timetable	Nov 25	Dec 26	Dec 26 (+13 months)
M10*	Central Systems ready for migrating MPAN – Late Exit (Up to 3 months)	n/a	n/a	Jun 25 (+9 months)	M16* <sup>3</sup>	Cutover to New Settlement timetable – Contingent Milestone	n/a	No milestone defined, but 6 month window defined	May 27 (+19 months)

# MHHS Programme Re-baseline POAP and Key Risks (refer to later slides for more risk detail)



**Risk 1. Central Party and Core Capability CIT Readiness**

**Risk 2. Maintaining composition of MVC**

**Risk 3. Test Data Readiness**

**Risk 4. Regression dependent on SIT Functional and migration testing on time and converging**

**Risk 5. All LDSO to have qualified nationally pre-M10**

**Risk 7. PPs end-load qualification tranches**

**Risk 9. Qualification Tranche duration estimates**

**Risk 8. Suppliers with larger volumes end load migration**

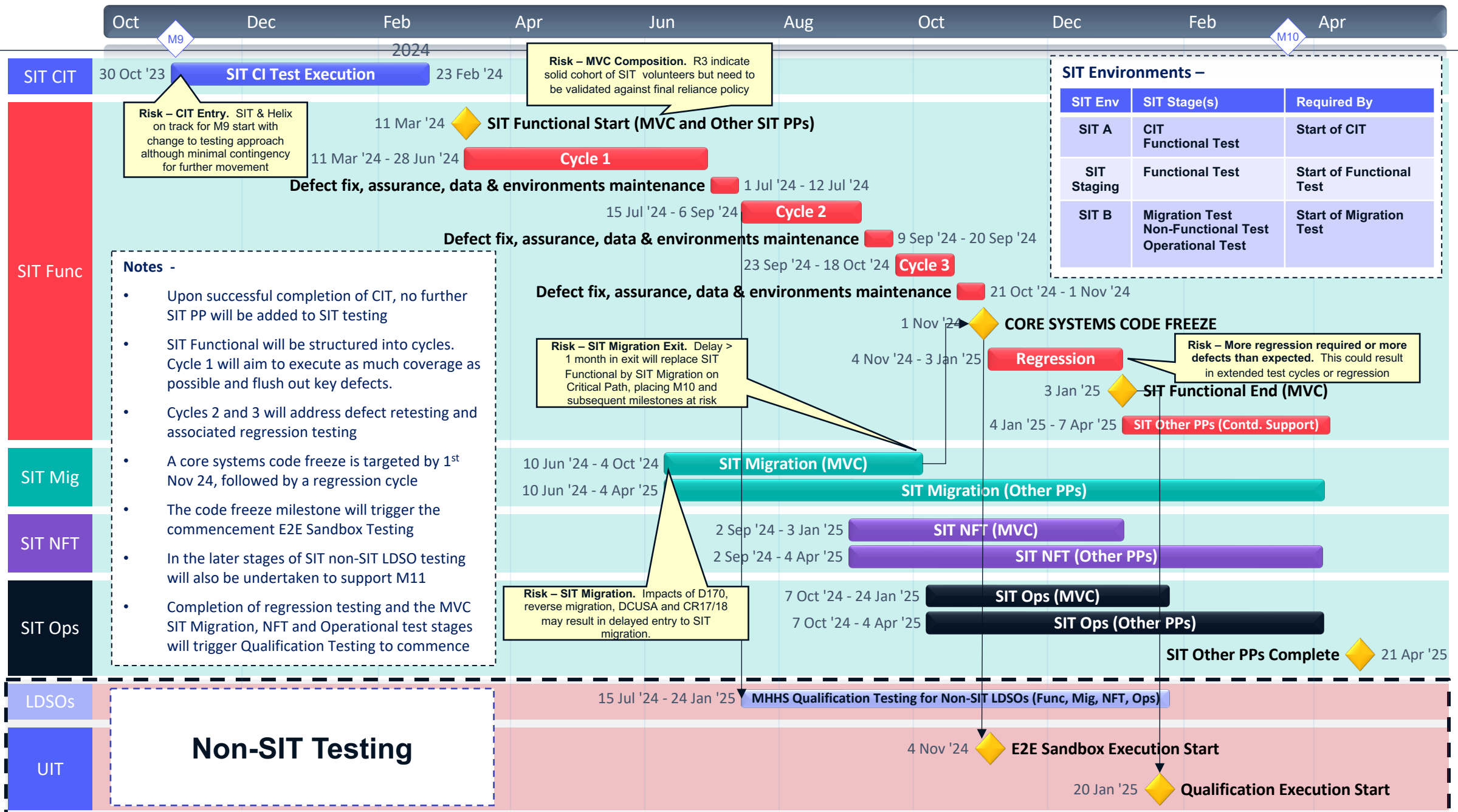
**Risk 10. 18 month window based on analogous FSP estimates**

**Risk 6. All Go-Live supplier(s) contracted parties to qualify by M11**

**Risk 11. Stabilisation period based on operational metrics**

# SIT Plan (Expanded View) – Key risks from M9 to M10

2025



## Re-plan – Pre-M10 Risk themes impacting End-to-End Plan

#	Risk	Impact	High Level Mitigation
1.	<b>Central Party &amp; Core Capability Provider CIT Readiness</b> - Central Parties & Core Capability Providers (CPs & CCPs) may not successfully complete DBT to meet SIT CIT entry windows	Flexibility will depend on CPs & CCPs, with DIP, Helix and MPRS delivery being the most critical. Any delay may push back CIT timescales and ultimately M10.	1. Staggered functional drops for CPs & CCPs to enter CIT are under review through SITWG as partial mitigation.
2.	<b>Minimum Viable Cohort</b> – Some PPs may drop out of SIT prior to or during SIT (or fall behind)	This may delay SIT pending alternative SIT PP testing to be aligned with MVC and / or defects to be fixed	1. Staggered functional drops for PPs to enter CIT under review through SITWG 2. Non-MVC SIT PPs will act as 'reserves' 3. c.10 PPs interested in SIT but not yet committed: will be encouraged to join SIT to provide further resilience
3.	<b>Test Data Readiness</b> – Test data may not be available in time to support SIT	All phases of SIT may be delayed if data unavailable	1. Data approach and plan under development 2. Data Working Group to be engaged at earliest opportunity with proposed approach and plan
4.	<b>SIT Functional and Migration Testing</b> – Critical path based on functional testing and SIT migration converging at single cycle of regression testing. SIT exit is at risk if either entry or exit is late, particularly for CIT, SIT Functional or SIT migration.	M10 may be delayed if PP migration DBT is late entering test, if CRs impact SIT, or assumptions with regard to three core functional test cycles prove invalid	1. Introduction of 3-month Go-Live range aimed at mitigating one or both risks materialising impacting M10 exit up to 3 months 2. Entry to SIT component integration and functional testing is under review for further practical mitigation without adding more risk
5.	<b>LDSO Testing</b> – There is a risk one or more LDSOs will not have qualified either through SIT or non-SIT testing prior to M10	As all LDSO are required to have qualified nationally, this may delay M10 and Go-Live at M11	1. Reliance policy will help mitigate need for repeated testing. 2. Early engagement underway with LDSOs to align approach and plans
6.	<b>Go Live MVC Contracted Parties</b> – Some key contracted parties to supplier(s) planning Go-Live at M11, may not have successfully completed SIT and therefore not have qualified	Absence of key contracted parties at Go-Live (M11) may prevent Go-Live occurring for some suppliers, despite all central parties & LDSOs being qualified	1. Close monitoring of MVC progress and parties needed for Go-Live for M11 by FTIG 2. Consideration being given to testing contracting parties together in SIT where possible



## Re-plan – Post-M10 Risk themes impacting End-to-End Plan

#	Risk	Impact	High Level Mitigation
7.	<b>Qualification Capacity</b> – PPs may become end-loaded towards later tranches of qualification depending on DBT timeframes	PPs may need to queue to enter Qualification, slowing the pace and putting pressure on M14  This in turn may put pressure on the migration window	<ol style="list-style-type: none"> <li>1. Timescales to be closely monitored through SI QA activities to pace entry</li> <li>2. PPC campaign(s) to ensure all PPs are fully aware of obligations for M14 and M15, including timing of the final tranche</li> </ol>
8.	<b>Late-Stage Migration</b> – Some suppliers with significant MPAN volumes might elect for later qualification tranches	This may provide insufficient time to migrate full MPAN base between qualifying and M15	<ol style="list-style-type: none"> <li>1. As above, active PPC campaign and close SI QA monitoring during DBT</li> </ol>
9.	<b>Qualification Tranche Duration</b> – Current Qualification testing is assumed to take 6 months per tranche, plus 2 months for governance	Average tranche duration may be longer than 6 months once full qualification test plans and scenarios are developed	<ol style="list-style-type: none"> <li>1. Reliance will help reduce overall burden of testing for some PPs</li> <li>2. 6-month duration currently estimated, is geared towards more complex roles – realistic probability that average duration might be less in reality</li> </ol>
10.	<b>Migration Window</b> – 18-month migration window is currently based on high-level modelling of MPAN throughput and may take longer	This may delay M15 and consequently M16	<ol style="list-style-type: none"> <li>1. PPs with larger MPAN base will be actively encouraged to qualify and migrate sooner</li> <li>2. Investigate potential to accelerate ramp-up at the start of migration – dependent on MPAN base for SIT suppliers</li> <li>3. Consult with code bodies to review defect tolerance as plan is highly sensitive to clearing ‘stubborn’ tail</li> </ol>
11.	<b>New Settlement Timetable</b> – Cutover to the New Settlement Timetable is dependent on the pace into and through migration, followed by a stabilisation period post-M15	The timing of M16 will be driven by operational metrics and carries a degree of uncertainty. Current reasonable expectation is that M16 will fall 2-8 months after M15 with minimum 2 months stabilisation	<ol style="list-style-type: none"> <li>1. M16 to be monitored through programme governance at each Control Point</li> <li>2. Some PPs have suggested 1 April 27 would be a good point for M16, marking the start of new financial year for many PPs (opportunity to partially offset any negative impact of delay) and in line with annual charging regimes and timetable publications.</li> </ol>

## Re-plan – MHHSP Impact Assessment Preliminary Recommendations

Impact on	Preliminary MHHSP Assessment
<b>Risks</b>	<ul style="list-style-type: none"> <li>✓ Phased delivery approach introduces complexity and therefore risk but benefits of pace outweigh downside</li> <li>✗ CRs may be required soon after baselining to address known risks which may materialise</li> </ul>
<b>Benefits</b>	<ul style="list-style-type: none"> <li>✓ Facilitates the earliest realisation of benefits and de-risks delivery</li> <li>✓ No impact on benefits as MHHSP will still deliver TOM and benefits set out in Benefits Realisation Plan</li> <li>✗ Realised later than in the original MHHS Transition Timetable</li> </ul>
<b>Consumers</b>	<ul style="list-style-type: none"> <li>✓ Reverse migration process will ensure that consumer choice is not compromised</li> </ul>
<b>Schedule</b>	<ul style="list-style-type: none"> <li>✓ All Tier 1 milestones remain as at Round 3</li> <li>✓ A credible baselined plan is fundamental to effective governance and control on a programme of this scale and complexity</li> <li>✗ Go Live moves from Oct 24 to Apr 25 (6 months); New Settlement Timeline moves from Nov 25 to Dec 26 (at least 13 months)</li> </ul>
<b>Costs</b>	<ul style="list-style-type: none"> <li>✓ Greater confidence in plan should support better business planning needed for multi-year programme</li> <li>✗ Timeline will have an impact on PPs' costs and in-year profile</li> </ul>
<b>Resources</b>	<ul style="list-style-type: none"> <li>✓ Phased approach will enable delivery at PPs' own pace, enabling more efficient resource deployment</li> <li>✗ Delivery resources to be dedicated to the Programme for longer than articulated in the MHHS Transition Timetable</li> </ul>
<b>Contract(s)</b>	<ul style="list-style-type: none"> <li>✗ Extended timeline may impact PPs' contracts with service providers and other third parties, requiring extensions and re-negotiation</li> <li>✗ Timelines are also likely to impact MHHSP contracts with LDP, IPA and possibly DIP</li> </ul>

### In summary, PSG requested to release CR on basis of...

1. **Risk of Delay.** Delaying the CR process further will create additional delivery risk, particularly with regard to effective programme management and governance
2. **Risk Tolerance.** The CR formally recognises the underlying risks in baselining the plan now and puts 'on record' potential mitigation in the form of a Go-Live range should one or more risks materialise during SIT
3. **Robust Mitigations.** Solid mitigations and contingency arrangements are in place across each of the key phases. The introduction of phasing underpins many of these
4. **Other (near-term) CRs.** The possibility of further CR(s) being required soon after the plan is baselined once their impact (if any) is accepted. It is not appropriate to factor these into the baseline until the impact is better known and will be handled on a case-by-case through normal governance
5. **Informed Change Management.** A fully baselined plan will enable more well round decision-making around future CRs and informed assessment of impacts across the programme as whole. This will remove an element of subjectivity which currently exists with CRs by providing a clear measure and benchmark to fully gauge impacts on timescales

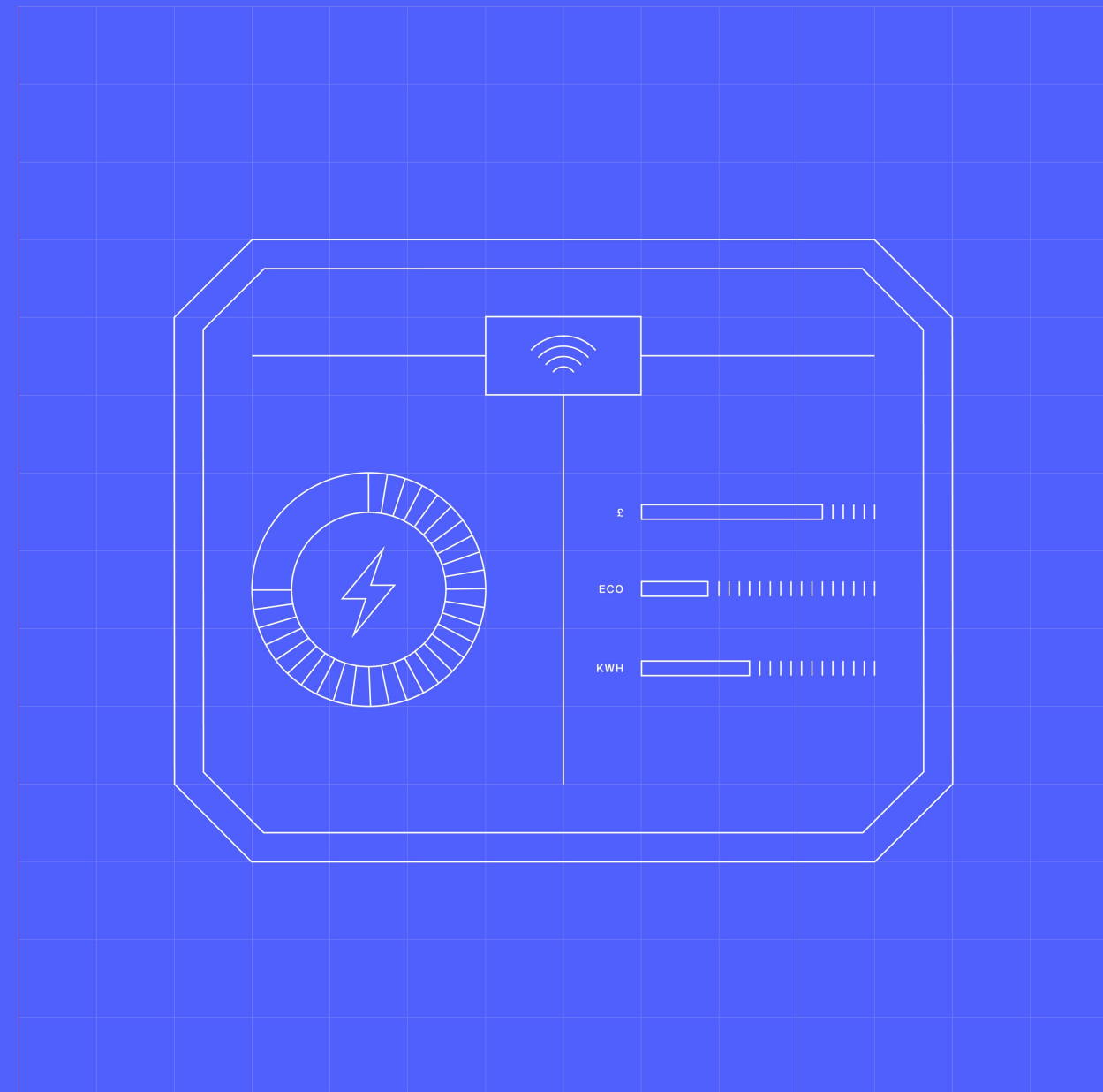


# Interim Plan extension

**DECISION:** Approve an extension to the Interim Plan, to cover the deferment to the replan timelines

Keith Clark

*10 mins*



## Interim Plan Extension

- Interim plan has been extended by 2 months to cover the period until when it is hoped that the re-plan is approved by Ofgem
- The Interim Plan PoaPs (in the Appendix) are derived as usual from the detailed Microsoft Project Plan that underpins both the Interim Plan and the proposed Re-Plan
- Therefore, May and June 2023 are now included, and these months cover delivery of a number of items including:
  - PSG decision to recommend the re-plan proposal to Ofgem (and the resultant decision)
  - SIT CIT and SIT (Functional) approaches and plans
  - SIT CIT and SIT (Functional) test scenario approvals
  - SIT participants agreed
- Progress of delivery against this plan is reported as usual in the PSG dashboards

# Programme workstream update

**INFORMATION:** Provide an update on activity in the Design, Testing, Sims and Ems and Migration/Transition workstreams

Ade Page

*10 mins*

## SI Workstream

### Current progress/status in each SI workstream

DESIGN	TESTING	SIMS & EMS	MIGRATION & TRANSITION
High volume of queries on baseline design - many are clarifications, so far 200 updates to artefacts required	MVC has volunteers that have indicated interest in participating SIT subject to reliance policy and CIT entry guidance	Good engagement and usage of informal releases to date – 27 PP's	Migration design approval DAG 31-Mar-23
Focused resolution sessions with SCS, CGI and some other parties	CIT - agreed 6 phases approach with different PIT Exit report dates and CIT entry for PPs	Fortnightly show & tell receiving positive feedback	Migration Design - working with SCS on impacts to them – updated SCS plan due in Apr 23
Concerns over efficiency of the governance process to update artefacts - new approach being worked on with collaboration from Sarah Jones and IPA	SIT (F) - working with SCS and LSC on potential phased entry with later code drops – balance between flexibility to PPs and increasing the programme test risk	Formal DIP simulator release 29-Mar-23 – 15 interfaces	Data Assessment report published, data cleanse in progress – publish May 23
Design Issue Notification Log – visible to all parties, 200+ design changes logged	Reliance Policy – update version issued to PPs for comment, sign off in Apr 23	Work about to commence on remaining DIP simulators interfaces - release Jun 23	Migration Cutover and Data Strategy in progress – Apr 23
Risk on baseline design and timescales from several design related CRs in progress and in the pipeline	PIT Guidance document - updated for PP's feedback and re-issued in Apr 23	Data generators in progress. Beta release of the meter data generator is available	Migration model to be updated in Apr 23
Transition design – approach agreed and planned to complete for May 23	Test Data – working on data model, completing the test data approaches and understanding the impact on data cut and load dates		Service Mgt Strategy (inc Hypercare) document to be published in May 23
Design assurance webinar held on 30-Mar-23	CIT and SIT (F) - scenarios and test cases in progress		
Design assurance questionnaires and requests for evidence to be issued mid Apr to SIT PPs	Environments – approach approved by TMAG, balance between scope & flexibility for SIT stages and qualification v cost of setting up & maintaining extra environments		

# IPA LDSO Assurance

**INFORMATION:** Share lessons learned and recommendations identified through recent IPA LDSO assurance activity

Richard Shilton

*10 mins*

In February 2023, the IPA undertook targeted assurance activity to understand the risk and impact of the MPRS open design queries previously raised by the LDSOs at PSG, and to identify any further actions required to resolve these matters and to enable LDSO delivery more widely.

Our report, including observations and recommendations, has been shared and discussed with the Programme and the LDSO PSG representatives, and the Programme and St Clements are currently working collaboratively together to resolve the remaining open design queries and to address our recommendations. The key **lessons learned and wider recommendations** identified are outlined below and are shared with the PSG for visibility:

- A collaborative, solution-focused approach must be adopted by all parties and led by the Programme to rapidly log, triage and resolve queries/issues - *Lesson Learned to be adopted by all parties.*
- Increase the transparency over the status and progress of design queries to individual Participants. *Action currently being progressed by the Programme.*
- Early identification of query 'hot spots' and the deployment of 'hot house' to rapidly triage queries/issues with Programme participants - *Action currently being progressed by the Programme.*
- For future industry programmes, the role of non-licensed parties who have a significant role to play in delivery, should be considered in the governance model - *Lesson learned to be logged for future Industry Programmes*

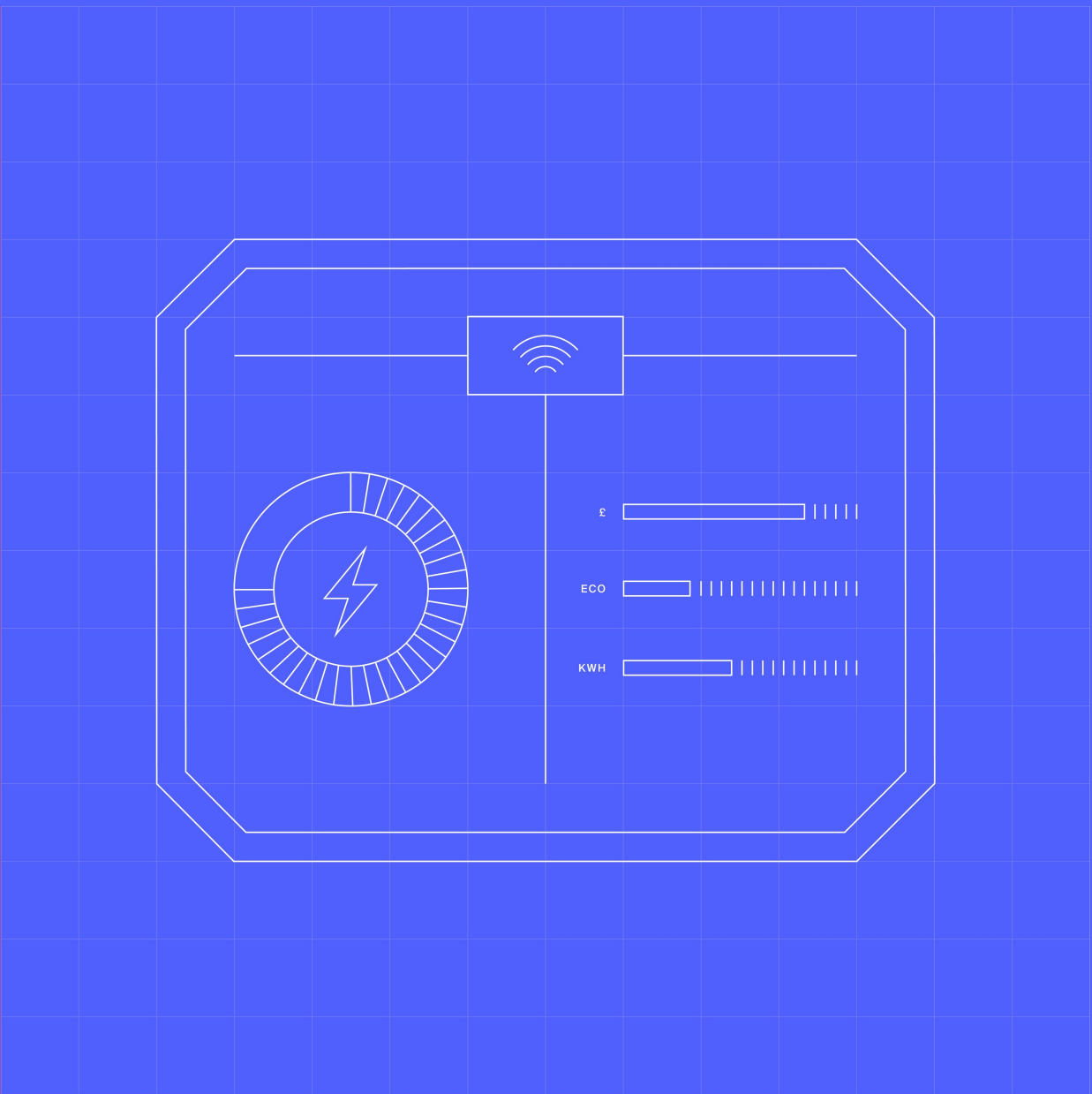
# Reminder on MHHS processes

**INFORMATION:**

- Share the query and escalation process for participants, including MHHS Programme points of contact
- Share the standard process for MHHS industry consultations

Chair

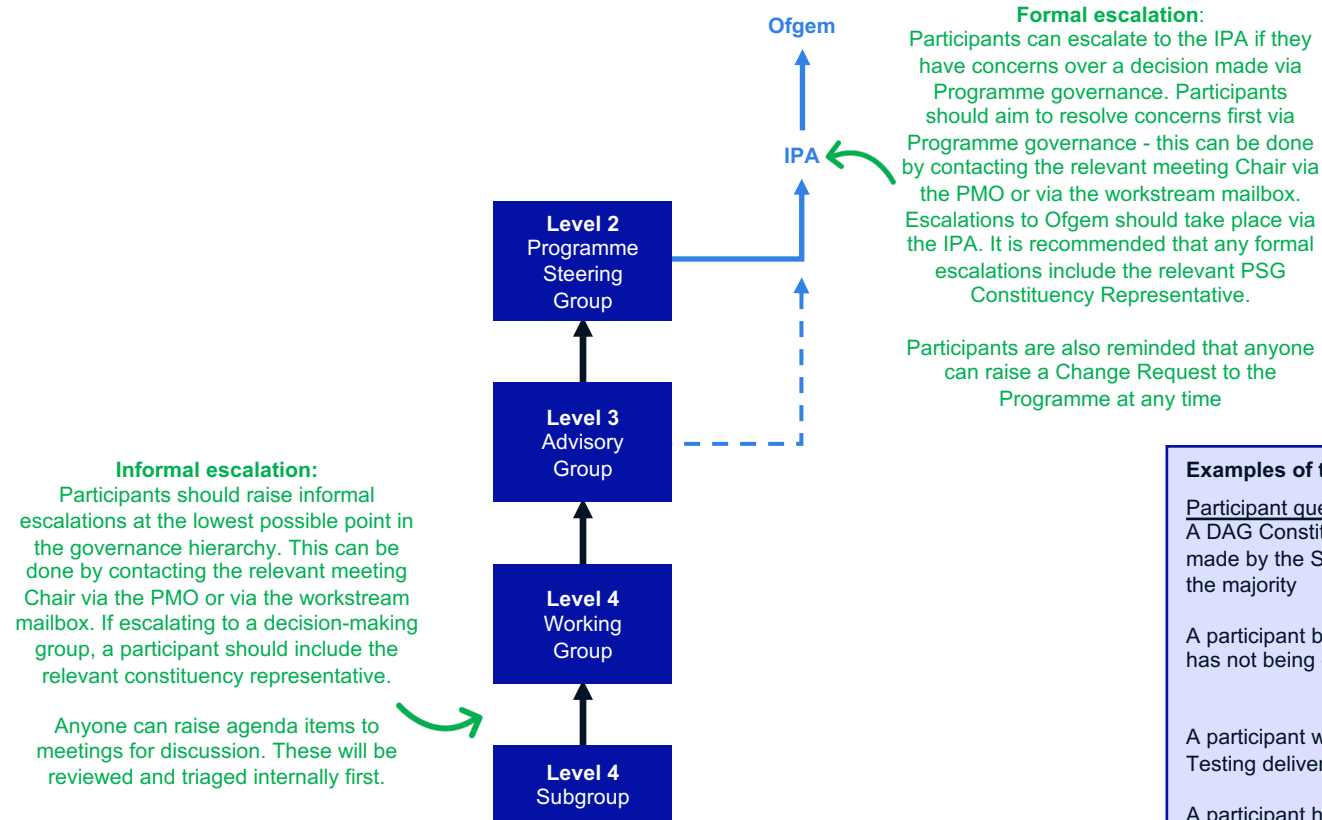
10 mins



# MHHS query and escalation processes

## Escalation process

**Formal** escalations relating to a decision made via Programme governance should be escalated to the next level of Programme governance or to the IPA. **Informal** escalations on items such as general activity or approach should be escalated to the lowest level of Programme governance for the relevant workstream. The governance structure should be used for all escalations and participants should avoid directing concerns to specific points of contact. When raising an escalation, participants should provide clear context, rationale and any impacts if no action is taken (the format of the Change Request form could be used as a guide for the information required).



Note: this process is separate to Ofgem decision-making escalation criteria

## General queries

General queries can be directed to the relevant Programme workstream by email. Each workstream owns a mailbox. An update-to-date list of workstream email addresses is available on the Website and Collaboration Base.

If you do not know where to direct a query, the Programme Party Coordinator (PPC) team can happily help at [PPC@mhhsprogramme.co.uk](mailto:PPC@mhhsprogramme.co.uk)

## Contact Us

Programme email addresses have been set up to support participants. To help triage as quickly as possible, please use the most suitable email address below:

[PMO@mhhsprogramme.co.uk](mailto:PMO@mhhsprogramme.co.uk) for business related queries relating to Programme meetings or planning, including dPMO.

[Design@mhhsprogramme.co.uk](mailto:Design@mhhsprogramme.co.uk) for queries on Design documents, comments or meetings.

[Testing@mhhsprogramme.co.uk](mailto:Testing@mhhsprogramme.co.uk) for queries on Testing documents, comments or meetings.

[Code@mhhsprogramme.co.uk](mailto:Code@mhhsprogramme.co.uk) for queries on the Code workstream or code-related documents or meetings.

[Migration@mhhsprogramme.co.uk](mailto:Migration@mhhsprogramme.co.uk) for any queries on Migration Design.

[Sims.Ems@mhhsprogramme.co.uk](mailto:Sims.Ems@mhhsprogramme.co.uk) for queries on Simulators & Emulators, the DIP Simulator demo or to join our Sims & Ems Show & Tell sessions.

[SRO@mhhsprogramme.co.uk](mailto:SRO@mhhsprogramme.co.uk) for correspondence or information on strategy, governance or the Programme as a whole.

[Comms@mhhsprogramme.co.uk](mailto:Comms@mhhsprogramme.co.uk) for queries on the MHHS website, The Clock, Design Newsletter or media relations.

Extract of 'Contact us' webpage

## Examples of this in action:

### Participant query

A DAG Constituency Representative believes a decision was made by the SRO at DAG without solid rationale and against the majority

A participant believes a significant activity required in SIT has not been considered by the Programme at the SITWG

A participant wants to know more detail about an upcoming Testing deliverable

A participant has proposals on how to improve the communications process for consultations

### Appropriate action

The participant should escalate to the PSG Chair via the PMO and via their PSG Constituency Rep. If this does not resolve their concern, they should escalate to IPA.

The participant should escalate to the TMAG by contacting their TMAG Constituency Rep and the TMAG meeting chair via the PMO and the workstream mailbox.

The participant should contact the Testing mailbox

The participant should contact the PPC mailbox



## MHHS consultation process

The following table outlines the document development stages and their timelines for different types of MHHS document. The steps and their timelines may flex depending on document and programme needs - for example, a governance group may agree to a shorter consultation timeline (to hit Programme timescales) or to an additional/longer industry consultation (to allow further industry engagement)

Document type	Example	Required document development stages							
		1 Development work (internal and informally with working groups)	2 Draft review and approval (internal)	3 Industry Consultation communicated via working groups, The Clock, and the Website (external)	4 Document updated with consultation outputs (internal). Consultation comments shared (external)	5 Secondary consultation or assurance review communicated via working groups, The Clock, and the Website. Comment responses shared (external)	6 Final draft review and approval (internal)	7 Final draft issued with meeting papers and baselined at relevant decision-making forum (external)	8 Document issued via Website and communicated in the Clock
A) 'Major' formal Artefact requiring industry review and formal approval via MHHS Governance	<ul style="list-style-type: none"> <li>MHHS Design Artefact</li> <li>MHHS Code Artefact</li> </ul>			Minimum 10 days		Minimum 5 days		Minimum 5 days (via papers)	
B) 'Minor' formal Artefact requiring industry review and formal approval via MHHS Governance	<ul style="list-style-type: none"> <li>E2E Testing and Integration Strategy</li> <li>Placing Reliance Policy*</li> </ul>			Minimum 10 days		May be required pending first consultation		Minimum 5 days (via papers)	
C) Informal document requiring industry input and shared with industry for information	<ul style="list-style-type: none"> <li>SIT Scope document</li> </ul>			Minimum 10 days		May be required pending first consultation			
D) Informal document developed internally (does not require industry consultation) and shared with industry for information	<ul style="list-style-type: none"> <li>PIT guidance</li> <li>Test scenarios</li> </ul>								

\*The Placing Reliance Policy is an example where a shorter consultation timeline was agreed in Programme governance

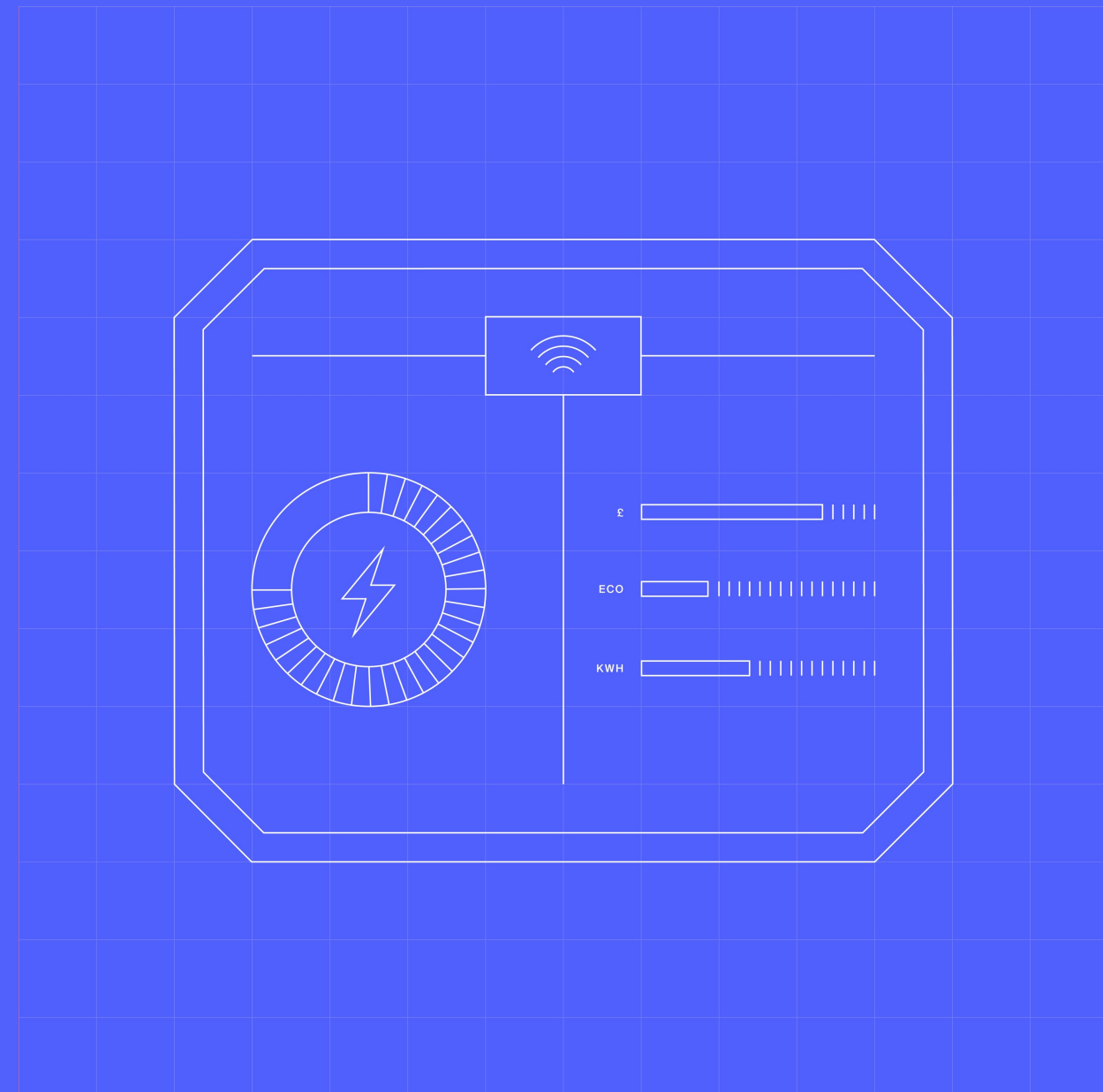
Three stages have minimum timelines specified for industry review

# Delivery dashboards

**INFORMATION:** Take questions from PSG members on delivery dashboard content

Chair

*10 mins*



## Delivery dashboards - contents

Area	Title	Purpose	Page
MHSP Programme status	<a href="#">Milestone Status</a>	Provide an overview of progress against Programme milestones	28
	<a href="#">Interim Plan Status</a>	Provide an overview of progress against the Programme interim plan	29
	<a href="#">Risk Themes</a>	Provide a high-level view of Programme Risks	30
	<a href="#">Change Control</a>	Update on the status of Change Requests	34
Industry Delivery Status	<a href="#">SIT Status</a>	Provide the status of SIT participants	35
	<a href="#">Core Capability Provider Delivery Plans</a>	Provide an overview of Helix, DIP, St Clements, RECCo and DCC delivery plans and progress against them	36
	<a href="#">LDSO Status</a>	Provide the combined status and progress of LDSO delivery (DNOs and iDNOs)	41
	<a href="#">Central Party Finances</a>	Provide high level Central Party forecast of expenditure against plan	43
MHSP Workstream Activity	<a href="#">SI Workstream Update</a>	Update on activity and progress in the Design management, Testing and Transition workstreams <i>Note: Please refer to the workstream agenda item for this month's content</i>	N/A
	<a href="#">Code Drafting Status</a>	Update on the progress of Code Drafting against the Code Draft plan	45
	<a href="#">Level 3 Advisory Group Updates</a>	Update on key discussion items and outcomes from recent Level 3 Advisory Groups and provide a forward look of agenda items	46
	<a href="#">PPC Activity</a>	Provide information on PPC activity and participant engagement – includes a summary from the recent open day	47
	<a href="#">Monitoring Industry Change</a>	<ul style="list-style-type: none"> <li>Summarise activity at the Consequential Change Impact Assessment Group (CCIAG)</li> <li>Summarise items raised to the Programme horizon scanning process</li> </ul>	48
Assurance	<a href="#">Independent Programme Assurance (IPA)</a>	Provide a progress update on in-flight and planned assurance activities	49

# MHHS Milestone Status

**Red** Baseline date has not been met or is expected not to be met

**Amber** Baseline date may not be met and/or new date not yet agreed

**Green** Baseline date expected to be met

**Milestone Status**  
Updated to 22/02/2023

Level	Milestone		Milestone Date		Status	Path to Green – Actions (& related impacts)	Previous RAG Mar PSG	Current RAG Apr PSG	Forecast RAG May PSG
			Baseline	Forecast					
1	M5	Physical baseline design delivered	29-Apr-22	Complete			Met	Met	Met
	M3	Design, Build Start (Elexon)	31-Aug-21	Complete			Met	Met	Met
	M3	Design, Build Start (DCC)	28-Feb-22	Complete			Met	Met	Met
	M3	Design, Build Start (DNOs)	31-May-22	Complete			Met	Met	Met
	M3	Design, Build Start (iDNOs)	31-May-22						
	M3	Design, Build Start (Agents)	31-May-22						
	M3	Design, Build Start (Suppliers)	31-May-22						
M5+	Industry re-plan	29-Jul-22	20-May-23	<ul style="list-style-type: none"> <li>MHHSP are complying with 'plan for the plan' and updated / extended the interim plan</li> <li>Final version of re-plan proposal and related CR prepared for Apr PSG</li> </ul>	<ul style="list-style-type: none"> <li>Apr PSG to agree that re-plan CR may be immediately published for impact assessment (IA) by all parties, with a decision to pass to Ofgem at May PSG for a subsequent decision</li> <li>MHHSP to support IA activities via plan playback / Q&amp;A sessions</li> <li>Ofgem to make approval decision – ideally before or by Jun PSG</li> </ul>	Amber	Amber	Green	
1	M9	System Integration Testing Start	31-Aug-23	(30-Oct-23) <i>Re-plan proposal</i>	<ul style="list-style-type: none"> <li>Final re-plan proposal is similar to Round 3 timeline proposal – with some variations</li> <li>Important risks have been mitigated – especially those related to MPRS</li> <li>MHHSP view, based on participants' feedback, is that that an MVC can be constituted in SIT</li> </ul>	<ul style="list-style-type: none"> <li>Re-plan CR to be published based on Apr PSG decision to do so</li> <li>Participant impact assessments validate the re-plan proposal</li> <li>Ofgem approve the re-plan proposal and the programme plan is re-baselined</li> </ul>	Red	Red	Amber
1	M6	Code changes baselined	29-Apr-22	(23-Aug-24) <i>Re-plan proposal</i>	<ul style="list-style-type: none"> <li>Final re-plan proposal reflects an update to the Code drafting plan taken through CCAG and reflecting on early experience of Code drafting</li> </ul>	<ul style="list-style-type: none"> <li>Agree new dates as part of re-baselining the plan, and those new dates are not expected to be on the programme's critical path</li> </ul>	Red	Red	Amber
	M7	Smart Meters Act powers enabled	31-May-22	(11-Nov-24) <i>Re-plan proposal</i>	<ul style="list-style-type: none"> <li>Final re-plan proposal reflects an update to the SCR/SMAP activities in the Code drafting plan reviewed with Code Bodies and Ofgem</li> </ul>	<ul style="list-style-type: none"> <li>Agree new dates as part of re-baselining the plan, and those new dates are not expected to be on the programme's critical path</li> </ul>	Red	Red	Amber
	M8	Code changes delivered	30-Nov-22	(07-Mar-25) <i>Re-plan proposal</i>	<ul style="list-style-type: none"> <li>Final re-plan proposal is same as Round 3 aligning M8 with M10</li> </ul>	<ul style="list-style-type: none"> <li>Agree new dates as part of re-baselining the plan aligning implementation of Code and Central Parties' services</li> </ul>	Red	Red	Amber

# Progress against the Interim Plan

**Red** Baseline date has not been met or is expected not to be met

**Amber** Baseline date may not be met and/or new date not yet agreed

**Green** Baseline date expected to be met

**Interim Plan status**  
Updated to 28/03/2023

**Executive Summary**

- Interim Programme Plan:** An updated interim PoaP was approved by PSG on 07-Dec-22. The interim PoaP was further updated in January 2023 to reflect the activities and associated dates from the Round 3 replan consultation. The PoaP can be found on the planning page of the MHHS website. The Interim PoaP is being further extended to cover May-23 and Jun-23 due to the deferment to the Programme Re-Plan timelines
- Programme Re-Plan:** The Programme has analysed the critical path elements within the plan, working with St Clements Services (SCS) and Central Parties to ensure the proposed plan reflects a realistic approach and timescale for all Core Capability Providers. The Test Strategy and Approach is being modified through SIT Working Group to mitigate the impact on milestones for these providers, particularly for entry to SIT and Core Capability Provider plans have been validated to provide confidence in the re-plan. Round 3 consultation on the Programme plan confirmed an MVC can be constituted, with the final SIT participants being agreed on 23-May-23. The re-plan CR for industry IA will be published on 06-Apr-23, subject to PSG approval.
- Design Delivery:** The Design Advisory Group (DAG) agreed to baseline the MHHS Design on 31-Oct-22 subject to the delivery of a Work-off Plan. The completion of the Work-Off Plan was approved at an Extraordinary DAG on 16-Feb-23. The DAG will decide whether to approve the Migration Design artefacts at an Extraordinary DAG to be held on 31-Mar-23.
- Top Delivery Challenges:** (1) working with Core Capability Providers to align their DBT plans with the intended programme plan to best manage critical path risks, (2) reaching agreement with all stakeholders on the timeline in any re-baselined plan.

Plan RAG Status	
Previous RAG	Green
Current RAG	Amber
Next period RAG	Amber

Task	Workstream	Baseline date	Forecast date	RAG
Data Assessment Report approved	Migration & Service Management Artefact development	28-02-23	28-02-23	Complete
Test Data Approach & Plan approved	Test Preparation & PIT Assurance	15-02-23	17-05-23	Red
Drafted code for Data Services & Metering topic areas issued for external review via consultation	Code drafting	14-02-23	14-02-23	Complete
PSG decision to issue Re-plan CR for industry impact assessment	Programme Replan Baselineing	05-04-23	05-04-23	Green
PSG decision to agree Re-plan baseline recommendation	Programme Replan Baselineing	03-05-23	03-05-23	Green
SIT Participants agreed	Test Preparation & PIT Assurance	23-05-23	23-05-23	Green
Final Migration Design artefact walkthrough with PPs	Migration & Service Management Artefact development	08-03-23	22-03-23	Complete

Task Complete	Workstream	Baseline date	Forecast date	RAG
Migration Design approved at DAG	Migration & Service Management Artefact development	15-03-23	31-03-23	Red
Service Management Strategy approved	Migration & Service Management Artefact development	31-05-23	31-05-23	Green
Test Management Tool implementation (complete)	Test Preparation & PIT Assurance	28-04-23	28-04-23	Green
Approve Configuration & Release Management Approach & Plan	Test Preparation & PIT Assurance	28-04-23	28-04-23	Green
Agree Test Management Tool Configuration and User Guides	Test Preparation & PIT Assurance	28-04-23	28-04-23	Green
Consultation for drafted code for Data Services & Metering topic areas complete	Code drafting	06-03-23	13-03-23	Complete
Code drafting for Data Services & Metering topic areas issued for CDWG review	Code drafting	23-03-23	04-04-23	Amber

RAID ID	RAID Description	Mitigation / Resolution	Resolution Date	Owner(s)	RAG
1077	There is an issue that the St Clements current DBT plans do not yet demonstrate that they will be ready for SIT start (M9) on 30-Oct-23	Weekly detailed planning meetings have been held between MHHS and the St Clements team, to find a workable phased delivery of MPRS functionality into CIT and ahead of SIT Functional testing. New St Clements iterative DBT delivery plan has been shared, which indicates that the proposed programme re-plan SIT CIT and SIT (F) dates can be supported. A plan for St Clements migration-related DBT is awaited, and risk and uncertainty still exists relating to that timeline. IPA independently reviewing activities.	Ongoing	Keith Clark	Amber

# Risk theme 1: Commencing and completing SIT as planned

**RAID (1 of 4)**  
Updated to 27/03/2023

Theme	Summary	Mitigation Approach Overview	RAG Status	
<b>Commencing and completing SIT as planned</b>	SIT success is reliant on (1) Core Capability Providers being ready, (2) sufficient volunteers being available to form and sustain a minimum viable cohort (MVC) through SIT, and (3) sufficient volunteers progressing through SIT to enable earliest migration	<ul style="list-style-type: none"> <li>Mitigations are in place to manage risk of SIT not starting on time, of not securing an MVC and to mitigate any likelihood of potential volunteer drop-outs during SIT</li> <li>Reliance Policy requires suppliers to make proposals to conclude SIT in such as way as to enable subsequent and early migration start</li> </ul>	Previous RAG	Amber (27 Risks)
			Current RAG	Amber (34 Risks)

		Key Risks															Score movement since last PSG	Mitigation Plan															
Risk ID	Risk Description	Risk Score Assessment																															
		Critical					High					Medium							Low														
		30	29	28	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1		
R433	There is a risk that the high volume of Design queries is putting pressure on the governance process and there may be a delay in resolving queries																															New item	<ol style="list-style-type: none"> <li>Options being explored for more efficient Design Governance process for changing baselined artefacts</li> <li>Query responses will be prioritised according to materiality and risk – target is 5 working days to respond but noting high volume of queries currently</li> </ol>
R380	Risk that DNOs/iDNOs may not participate in the non-SIT/non-Qual LDSO testing or complete it in time																															New item	<ol style="list-style-type: none"> <li>Address all possible avenues of ensuring that the parties have enough incentive or obligations to participate (i.e., Core Capability Provider reports at PSG and recent LDSO deep dive)</li> <li>Readiness assessments &amp; Bilaterals; reporting SIT participants; briefings to LDSOs (e.g., INA meetings)</li> <li>Remind LDSOs of MHHSP obligations where necessary</li> </ol>
R118	There is a risk that there is a lack of sufficient types and numbers of volunteers in SIT to be able to constitute an MVC																															No change	<ol style="list-style-type: none"> <li>Focus on Core Capability Providers via regular MHHSP account meetings / reviews</li> <li>Round 3 encouraged earlier volunteering or declarations of interest from potential SIT candidates</li> <li>Participant bilateral engagement (via PPC) is also encouraging volunteers (or acting to retain them)</li> <li>Cut-off dates for participants to declare their volunteering</li> <li>SI Design and Test assurance will track participants' DBT progress to manage risk that expected SIT volunteers will not be ready for M9</li> <li>Short paper drafted on policy/understanding around SIT / Qualification Test equivalence, and options for PPs working with 3<sup>rd</sup> party IT / software providers – SITWG / QWG TMAG / PAB (BSCCo /RECCo)</li> </ol>
R273	There is a risk that SIT participants may have to be dropped from SIT participation prior to CIT, if they; <ol style="list-style-type: none"> <li>have not reached a sufficient point of progress in their DBT activities or</li> <li>decide not to participate after all</li> </ol>																															No change	<ol style="list-style-type: none"> <li>There needs to be contingency in the list of expected SIT volunteers</li> <li>The cut-off date for participants to declare their volunteering has been deferred to 23-May-23 to help to maximise the number of volunteers</li> </ol>
R432	There is a risk that new Change Requests have a material impact on the baseline Design																															New item	<ol style="list-style-type: none"> <li>Monitoring Change Requests and understanding their impact on Design</li> <li>Where changes not concluded, making clear what risks are contained within re-plan proposal</li> </ol>
I077*	There is an issue that the St Clements' current DBT plans do not yet demonstrate that they will be ready for SIT start (M9)																															No change	<ol style="list-style-type: none"> <li>Weekly detailed planning meetings continue – MHHSP / St Clements</li> <li>St Clements to share new iterative DBT plan (done for functional DBT, not yet for migration DBT)</li> <li>Phasing of CIT and minor change to SIT (F) start to accommodate St Clements plan</li> <li>Still risks to be mitigated in relation to in-flight CRs and impact of D0170</li> </ol>

Items can be raised to the Programme RAID log using the [RAID input form](#). Please refer to the Programme [Digital PMO \(DPMO\)](#) to see Programme risks in more detail

Key	
I	Initial Score
C	Current Score
T	Target Score

## Risk theme 2: Completion and outputs of the Programme Re-plan activity

RAID (2 of 4)  
Updated to 27/03/2023

Theme	Summary	Mitigation Approach Overview	RAG Status	
Completion and outputs of the Programme Re-plan activity	There are risks to the completion of the re-plan as expected, and of the timescales (in the re-plan) being longer than the original Transition Timetable	<ul style="list-style-type: none"> <li>Seek earliest baselining of the Programme plan – this, together with the Design baseline - will help to remove Programme ambiguity and bring the Programme’s management into a more controlled and predictable delivery mode                             <ul style="list-style-type: none"> <li>Round 3 plan consultation completed on 31-Jan-23</li> <li>Revised re-plan CR to be shared at PSG on 05-Apr-23 (1-month deferment advised to PSG on 01-Mar-23)</li> </ul> </li> </ul>	Previous RAG	Amber (3 Risks)
			Current RAG	Amber (3 Risks)

Key Risks																															
Risk ID	Risk Description	Risk Score Assessment																												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		
R025	There is a risk that the re-baselined plan extends timescales significantly	Critical (Red)						High (Yellow)						Medium (Light Green)						Low (Green)						No change	<ol style="list-style-type: none"> <li>Publish and manage the updated interim programme plan for the period leading up to the re-baselined plan being approved - <b>complete</b></li> <li>Base the programme plan on phased delivery (possible due to the agreed migration approach) - <b>complete</b></li> <li>Get clarity on the delivery plans for parties developing core capabilities required for SIT (Central Parties + St Clements / LDSOs) to define the critical path more clearly, and identify ways to align these parties’ plans to the Round 3 proposed timeline</li> <li>Develop plan based on responses to the Round 3 consultation, (including those DBT plan provided by participants), and using early adopters to optimise the critical path to Migration start</li> </ol>				
R069	There is a risk that there may be additional cost implications for Programme parties due to programme replan / delays or change in direction	Critical (Red)						High (Yellow)						Medium (Light Green)						Low (Green)						-5 (20 to 15)	<ol style="list-style-type: none"> <li>Manage Round 3 responses and outcomes to provide an optimal and final re-plan proposal</li> <li>Ofgem to consider any CR resulting from the re-planning activity (including participant impact assessments)</li> <li>Ofgem CR approval process</li> </ol>				
R320	Risk of Participants’ reluctance to commit resources until the re-plan is baselined	Critical (Red)						High (Yellow)						Medium (Light Green)						Low (Green)						New item	<ol style="list-style-type: none"> <li>The new Programme Plan will be sent out prior to the April PSG, and this will provide further clarity for participants on the timelines that they should work towards. This will then be ratified by PSG &amp; Ofgem in May/June</li> <li>The PPC will work with other MHHS workstreams to answer participant queries on the plan and help them to plan resource deployment until the MHHS plan is baselined</li> </ol>				

Key	
I	Initial Score
C	Current Score
T	Target Score

Items can be raised to the Programme RAID log using the [RAID input form](#). Please refer to the Programme [Digital PMO \(DPMO\)](#) to see Programme risks in more detail



### Risk theme 3: Meeting and passing M10 / M11 successfully

Theme	Summary	Mitigation Approach Overview	RAG Status	
<b>Meeting and passing M10 / M11 successfully</b>	The theme explores the factors which may affect M10 / M11 success and how the Programme is planning to mitigate these to stop them from converting into issues	<ul style="list-style-type: none"> <li>Some of the existing risk factors around M10 / M11 will be mitigated by the findings throughout SIT Testing, which will evaluate assumptions, demonstrate to the Programme the areas which require attention and allow the Programme time to make the changes necessary for M10 / M11 success</li> <li>Upcoming sign off to the Migration Design and the Data Cleans Plan and ongoing Code Drafting will also give Participants necessary materials to prepare for M10 / M11</li> </ul>	Previous RAG	(n/a)
			Current RAG	Amber (12 items)

Key Risks																															
Risk ID	Risk Description	Risk Score Assessment																												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		
R353	There is a risk that the volume/rate of MPANs which can be migrated does not align with the current assumptions																													New item	<ol style="list-style-type: none"> <li>Future: E2E non-functional SIT testing to validate proposed volumes are feasible</li> <li>Agreeing individual volumes with suppliers - detailed planning with each individual organisation (migration workstream tbc)</li> <li>Monitoring early phases of Migration - any deviance from assumptions to be flagged</li> </ol>
R131	There is a risk that there is a lack of clarity around the R&Rs between MHHS and the Performance Assurance Board (of the BSC) in regard to the ownership of migration preparation activities (e.g., adding data items, conducting data cleansing)																													New item	<ol style="list-style-type: none"> <li>Data Cleanse Plan will define R&amp;R – will be brought to be approved by TMAG in May 23</li> </ol>
R415	There is risk that qualified Suppliers will not be able to start migrating MPANs at M11 (and beyond) if they do not have Service Providers contracted that have qualified for particular customer segments (SDS and MSS for smart/dumb meters; MSA and ADS for advanced meters; UMSDS for UMS)																													New item	<ol style="list-style-type: none"> <li>MHHSP is looking to support suppliers and service providers testing together through SIT where we can, and this will be a focus through SIT to gain assurance that M11 will start as soon as is practical</li> </ol>
R147	There is a risk that the outputs of code drafting may not reflect the design																													New item	<ol style="list-style-type: none"> <li>Ensure the Code drafting does align to the design solution</li> <li>Complete a cross check between Code drafting and Design at the end of the code drafting process (traceability matrix)</li> <li>Take any issues to CDWG</li> </ol>
R440	There is a risk that legacy Agents and Suppliers operating MPANs do not make required changes to their existing business processes and Services to support Migration (within the legacy arrangements)																													New item	<ol style="list-style-type: none"> <li>Code Drafting will give certainty to parties</li> <li>Sign off of Migration Design and assurance activities</li> <li>Code Body Performance Assurance activities</li> </ol>

Items can be raised to the Programme RAID log using the [RAID input form](#). Please refer to the Programme [Digital PMO \(DPMO\)](#) to see Programme risks in more detail

Key	
I	Initial Score
C	Current Score
T	Target Score



# Risk theme 4: Management of Industry Change

**RAID (4 of 4)**  
Updated to 27/03/2023

Theme	Summary	Mitigation Approach Overview	RAG Status	
Management of industry Change	With various industry initiatives as well as continuous SLCs and Mods, it is pivotal that the Programme considers the impacts on its progress and costs and monitors these closely	<ul style="list-style-type: none"> <li>Mitigations for managing industry change include ongoing conversations in account management meetings to understand how Programme Participants and their plans are affected, close monitoring of updates and escalation to Ofgem and Elexon where necessary for input and discussion</li> <li>CCAG monitors industry change through the Horizon Scanning log and through presentations on industry change to identify interactions with MHHS which might require MHHS Programme change (e.g., DCUSA DCP 415 &amp; 416)</li> <li>Programme in discussion with Code Bodies and CCAG to set an optimum process for progressing external change that impacts MHHS to learn the lessons from DCUSA DCP415 and apply some principles for future change which will be inevitable (DCUSA DCP416 next)</li> </ul>	Previous RAG	Amber (8 Risks)
			Current RAG	Amber (11 risks)

			Key Risks																										
Risk ID	Risk Description	Risk Score Assessment																		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
R153	There is a risk that the implementation of DCC release (SEC MP162 Mod) in June 2024 does not align with MHHS Programme requirements to be ready for SIT	Red						Yellow						Green						Green						No change	1. Discussions ongoing with DCC - complete this is subject to the replan activity 2. This may need to be revisited if R182 becomes an issue 3. The current DCC plan aligns with SIT timescales and the Programme will continue to monitor this through account management and planning activities		
R252	There is a risk that Suppliers do not implement the consent regime required by SLC47 in time for MHHS	Red						Yellow						Green						Green						-2 (13 to 11)	1. Licence conditions took effect 3/11/22 therefore probability reduced but the risk remains open in case of non-compliance from suppliers		
R227	There is a risk that the migration approach needs to change if BSC Mod P432 is rejected	Red						Yellow						Green						Green						No change	1. On P432 we are awaiting the DCUSA modification 414 as they are interdependent. We expect Ofgem to be making their decision in March/April 2023. Implementation will be 3 months after Ofgem decision, if decision not made by the end of March 2. Continue to discuss with Elexon, Ofgem and at CCAG		
R229	There is a risk that implementation of REC R0032 is delayed beyond SIT for new data items required for MHHS	Red						Yellow						Green						Green						No Change	1. Monitor implementation of CP 2. Change is under Party Impact Assessment and is on course for implementation in the June 2023 Release		
R151	There is a risk that delivery timescale slippage may run into DSP (Data Service Provider to DCC) re-procurement timescales, impacting DCC costs and delivery timescales for Mod P162	Red						Yellow						Green						Green						No change	1. MP162 approved for implementation in June 2023 Release and DCC planning to make systems available for SIT in line with MHHS Programme plan		
R354	There is a risk that industry Code governance will agree implementation of Change/ Modifications that impact MHHS design/outcomes without MHHS Impact Assessment or governance decisions	Red						Yellow						Green						Green						New item	1. Monitor Horizon scanning in CCAG. The MHHS should make the decision on implementation within Programme timescales of any change that impacts MHHS Design 2. Programme in discussion with Code Bodies and CCAG to set an optimum process for progressing external change that impacts MHHS to learn the lessons from DCUSA DCP415 and apply some principles for future change which will be inevitable (DCUSA DCP416 next)		
R355	There is a risk that Consequential Change solutions are not approved by responsible parties in advance of the associated Code Drafting topics being started	Red						Yellow						Green						Green						New item	1. Monitoring Consequential Change delivery through the Consequential Change Log at CCIAG and escalate where necessary		

Key	
I	Initial Score
C	Current Score
T	Target Score



## Change Request status

**Change Control**  
Updated to 24/03/23

Ref.	Key Detail	Change Raiser(s)	Change Type	Latest Action	Approval Status	Current Stage in Change Control	Action If approved	Change Owner(s) If approved
CR013	Determining scope of Examination of Settlement Impacts resulting from MHHS Programme	Gareth Evans, I&C Supplier Constituency	Full Impact Assessment	PSG approved (01/02/23)	Approved	Implementation	Implementation phase started. Expression of Interest to be issued via the Clock (22/02/23)	Chris Welby, MHHS Programme
CR014	Changes to the baselined LSS design	Matt Hall, Elexon (Helix)	Full Impact Assessment	N/A Rescinded by Change Raiser	Closed	Completed		N/A
CR015 *	Differential Settlement for E7/E10 Meters for Smart Opt-out customers	Graham Wood, Large Supplier Constituency	Full Impact Assessment	PSG approved (01/03/23)	Approved	Implementation		Ian Smith & Paul Pettitt, MHHS Programme
CR016	Changes to the Change Control Approach to incorporate design change process	Alex Whiteman, MHHS Programme	Housekeeping	Change Board approved (08/02/23)	Closed	Completed	Updated Change Control Approach published on Collaboration Base (10/02/23)	Alex Whiteman, MHHS Programme
CR017	LDSO Registration Service Dip messages processing times	Catherine Duggan, Electricity North West	Full Impact Assessment	DAG to review Impact Assessment and make approval decision (12/04/23)	Open	Impact Assessment closing 24/03/2023. Outputs to go to April DAG		
CR018	Registration Service Operating Hours	Ian Smith, MHHS Programme	Full Impact Assessment	DAG to review Impact Assessment and make approval decision (12/04/23)	Open	Impact Assessment closing 24/03/2023. Outputs to go to April DAG		
CR019	Replacement of D0242/D0315 for MHHS	Peter Waymont & Neal Medley, Eastern Power Networks	Full Impact Assessment	DAG to review Impact Assessment and make approval decision (12/04/23)	Open	Impact Assessment closing 29/03/23		
CR020	Interim plan extension	Amy Clayton, MHHS Programme	Housekeeping	In draft - awaiting PSG review and decision of interim plan		To be raised to Change Board after PSG review and decision (11/03/23)		
CR021	Update TMAG Terms of Reference to reflect option of meeting co-representation	Amy Clayton, MHHS Programme	Housekeeping		Open	To be presented at next Change Board (28/03/23)		

\*The Programme notes the CR015 Impact Assessment report presented to PSG on 01 March 2023 omitted the response from Siemens (Supplier Agent). The CR015 report has since been updated on the Collaboration Base to reflect the response.

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

Core Capability Providers	Status	Comment
<b>Elexon (Helix)</b>	<b>Amber</b>	Following quarterly (PI6) in Feb-23, Helix is forecasting PIT exit by end of Sep and entry in SIT (CIT) at M9 but with minimal contingency.  This is also dependent on Transition Design assumptions holding true and further validation of Helix ability to effectively complete connectivity testing in Sep-23 given potential Elexon environment constraints.
<b>DIP</b>	<b>Green</b>	Detailed delivery plan provided. Design is on track and on target for CIT start date, validation of timing in progress.
<b>LDSOs / (St Clements)</b>	<b>Amber</b>	MPRS functional DBT plan has been confirmed as being able to accommodate phased SIT CIT start dates and SIT (F) start dates per proposed re-plan MPRS migration-related DBT plan still to be confirmed Impact of D0170 is not included in current plans, and in-flight CRs (when concluded) may also have impacts
<b>RECCo</b>	<b>Green</b>	DBT plans for EES are on track to be ready for phased CIT
<b>DCC</b>	<b>Green</b>	MP162, CSS changes and capacity upgrades on track. Ongoing discussion on test environments and test activities.
<b>ElectraLink</b>	<b>Green</b>	No core design changes to the DTN. Minor changes for migration and consequential change Working with LDP on connection options for SIT
<b>LDP (SI)</b>	<b>Amber</b>	Good engagement and progress at SITWG – Placing Reliance Policy to be agreed in Apr 23 and exploring further phasing options  LDP progressing test scenarios and test cases Further work required on test data approach and plan

Round 3 responses from Participants		SIT volunteers (Round 3)	SIT interest expressed (Round 3)	Minimum required for MVC	DBT plans show support for Round 3 timeline	Status of Participant SIT commitments	Have started to use DIP simulator?	Design assured by the SI?	Testing assured by the SI?
<b>Suppliers</b>	Large	1	2	2	2	Commitments from suppliers will be confirmed after the conclusion of the Placing Reliance Policy and following suppliers' proposals for how to test based on that policy  1 (medium) supplier has committed to SIT so far	1	<i>Progress of SI design assurance activities will be reported here</i>	<i>Progress of SI test assurance activities will be reported here</i>
	Medium	1	1		2		1		
	I&C	2	3		5		2		
	Small	1	1		4				
<b>LDSOs (providing Network Operations Services and UMSO Services)</b>	DNOs	1	5	1	2	Commitments from LDSOs are will be confirmed after the conclusion of the Placing Reliance Policy and following LDSOs' proposals for how to test based on that policy - and based on re-plan alignment with MPRS DBT plan	1		
	iDNOs	0	7		4				
<b>Supplier Agents (providing DC, DA, MOP services for migration testing)</b>	HH / NHH	1	1	1	2	Commitments will be confirmed after the conclusion of the Placing Reliance Policy and following suppliers' proposals for how to test based on that policy	0		
<b>Service Providers (providing Metering Services Smart &amp; Advanced, Smart &amp; Advanced Data Services, UMS Data Services)</b>		6	3	2 for each role	7	MVC can be constituted based on current commitments  5 organisations have committed to SIT so far	4		
<b>Software Providers</b>		7	4		11	Commitments from software providers are likely to be confirmed after the conclusion of the Placing Reliance Policy	15		

- Participants must declare that they are committed to participating in SIT, by 23-May-23
- In the meantime, FTIG will commence with the delivery managers of Round 3 volunteers
- It is noted that some SIT volunteers (and those expressing interest) have caveated their involvement on both being comfortable with the eventual SIT delivery approach and a satisfactory outcome from the Placing Reliance Policy

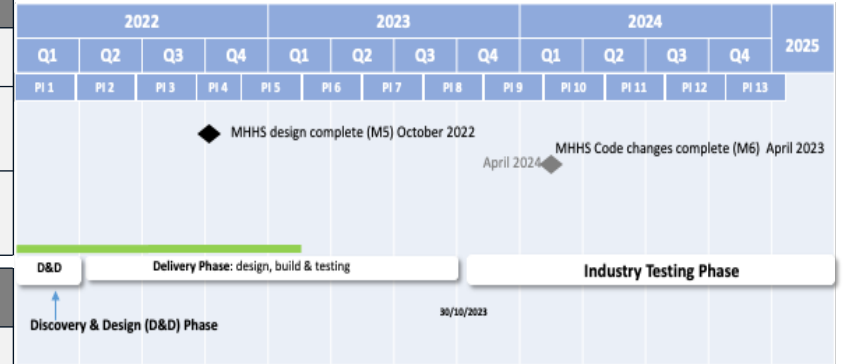
RAGs	Overall	Approach	Plan	Resources	Budget	Risk	Stakeholders	Suppliers
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<b>Status &amp; Outlook</b>	<b>Progress last month:</b>	<b>Progress expected in the coming month:</b>
	PI 5 5 complete with all the development teams achieving their objectives.	<ul style="list-style-type: none"> <li>PI 6 mid PI demo</li> </ul>
	PI 6 Planning sessions complete for all the development Scrum teams	<ul style="list-style-type: none"> <li>Commence planning for the next PI</li> </ul>
	PI 6 Planning complete for the testing and ADI teams	<ul style="list-style-type: none"> <li>Continue with the BSC code reviews tranche 2 as they arrive</li> </ul>
	BSC Code review completed tranche 1 consultation and participant	<ul style="list-style-type: none"> <li>Initial draft of the qualification plan and approach.</li> </ul>
	PAF team continue to form and producing a draft delivery plan	<ul style="list-style-type: none"> <li>Commence the development of requirements for performance approaching.</li> </ul>

Party Milestones & Deliverables	R3 Target Date	Forecast date & RAG
Programme mobilised	17/01/22	Complete
Discovery & Design phase	22/04/22	Complete
Delivery phase start	20/04/22	Complete
Delivery phase ends (DBT End)	29/09/23	In Progress
Industry phase starts (CI Starts)	30/10/23	Not started
Industry phase ends (SIT End)	07/02/25	Not started
Helix changes go-live (M10)	07/03/25	Not started
Transition phase starts (M11)	04/04/25	Not started
Transition phase ends (M15)	05/10/26	Not started

Decisions required	From whom?	By when?
CR 14 to be approved	MHHS change board.	24/01

Risk or Issue & RAG	Mitigating or resolving action required	Date for action to be resolved	Action owner
There is a risk of further change.	Implementation of a MHHS programme change control process when changes are essential	28/03/23	
There is a risk that the revised code documents are produced under pressure to meet a deadline and as a result are of poor quality.	With the return of the first tranche of documents from industry consultation it appears this risk has materialised, with many comments	28/03/23	
If the support arrangements and testing schedule for industry testing are not available soon we may not be able to set these up in time for SIT	Align with testing process. Discuss these with MHHS to align on testing.	28/04/23	



Assumption & RAG	Action required to remove assumption	Date for action to be resolved	Action Owner
SIT will commence at the end of October.	Re-plan 3, 30 Oct for SIT, once this is agreed then the assumption will be removed.	31/03/23	

Dependency & RAG	Managing action required	Date for action to be resolved	Action Owner
Migration design to be provided as early as possible but is needed for PI 6.	Review the migration design and assess the implications of any previous assumptions. This is currently being reviewed.	5/4/23	
Transition design artefacts required before PI 6 can commence	Encourage the delivery of the transition design and ensure the impacts are understood. Work on potential contingency plans. This is impacting what the development teams can deliver but inefficiencies are apparent.	14/04/2023	

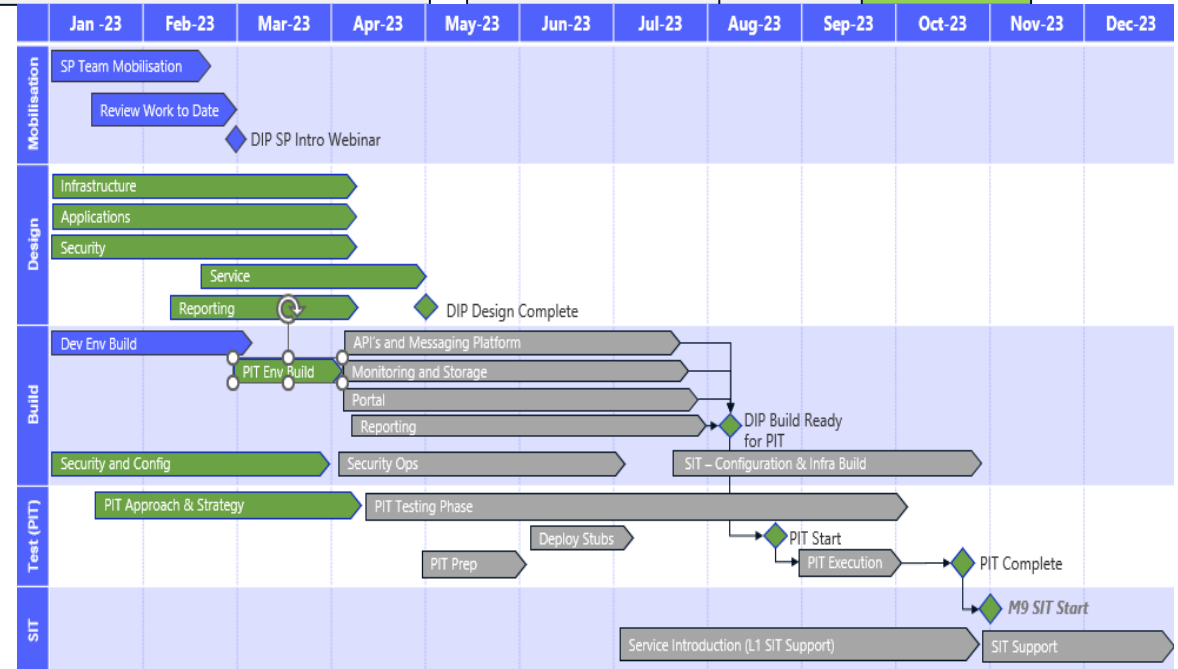
RAGs	Overall	Approach	Plan	Resources	Budget	Risk	Stakeholders	Suppliers	
Status & Outlook	<b>Progress last month:</b> <ul style="list-style-type: none"> <li>Service Provider mobilized all key workstreams</li> <li>Deliverables for DIP1 Milestone approved</li> <li>Key areas of progress:                             <ul style="list-style-type: none"> <li>Delivery &amp; Change – PID and Plan approved</li> <li>Applications – Proof of Concepts progressed to inform design</li> <li>Infrastructure – Development environment set up, work started on PIT environment</li> <li>Security – Security Management Plan prepared and ready for formal review, inputs provided for Code or Connections</li> <li>Testing – Defect Management Approach and PIT Test Plan drafted</li> <li>Service – workstream mobilized and Service Design Baseline started</li> </ul> </li> </ul>			<b>Progress expected in the coming month:</b> <ul style="list-style-type: none"> <li>Priority is completion of 6 key Design deliverables:                             <ul style="list-style-type: none"> <li>Environment Specification, Logical Architecture, Physical Architecture, Portal UI/UX Design, Security Management Plan, Requirements Traceability Matrix</li> </ul> </li> <li>Workstream focus                             <ul style="list-style-type: none"> <li>Delivery &amp; Change – extend engagement with LDP</li> <li>Applications – conclude proof of concept work and move to build</li> <li>Infrastructure – PIT environment preparation</li> <li>Security – review and approval of Security Management Plan</li> <li>Testing – address test data requirements and initiate discussions on CIT/SIT dependencies</li> <li>Service – complete Service Design Baseline</li> </ul> </li> </ul>			Party Milestones & Deliverables	Original or Baseline Date	Forecast date & RAG
	Contract Signature	21/11/22	20/01/23						
DIP 1 – Initialisation	30/01/23	24/03/23							
DIP 2 – Design	28/04/23	28/04/23							
DIP 3 – Build	11/08/23	11/08/23							
DIP 4 – Test (PIT)	27/10/23	27/10/23							
M9 – SIT start	01/11/23	01/11/23							

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

Risk or Issue & RAG	Mitigating or resolving action required	Date for action to be resolved	Action owner
Onboarding process yet to be finalized – risk to design validity and approvals, may lead to rework	SRO team working with Elexon and Avanade as a priority to define the onboarding process in line with the qualification requirements.	04/04/2023	Richard Gwatkin

Assumption & RAG	Action required remove assumption	Date for action to be resolved	Action Owner
DIP API design will be based on multiple endpoints	Industry approvals for the API design	28/04/2023	Rob Golding

Dependency & RAG	Managing action required	Date for action to be resolved	Action Owner
GET: Availability of test data for DIP PIT testing	Support provision of required data based on test data requirements	28/04/2023	Adrian Ackroyd
GIVE: DIP PIT completion for CIT Entry	Validate approach will be based on DIP plan with incremental releases (software and documentation)	21/04/2023	Smitha Pichrikat



RAGs	Overall	Approach	Plan	Resources	Budget	Risk	Stakeholders	Suppliers
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<b>Status &amp; Outlook</b>	<b>Progress last month:</b> <ul style="list-style-type: none"> <li>Development of waterfall/agile hybrid plan</li> <li>Providing list of unresolved design issues raised with the programme and liaising with the programme to resolve</li> <li>Migration design artefacts reviewed, and comments provided on</li> <li>Completed testing of tranche 3 of MPRS stage 0</li> <li>Further work on MPRS Proof of Concept</li> <li>Work with the programme to understand what MPRS functionality is required for CIT</li> </ul>	<b>Progress expected in the coming month:</b> <ul style="list-style-type: none"> <li>Make available MPRS R8.2 to meet requirements of stage 0. Require programme to determine how these data items are populated</li> <li>Continue developing Impact assessments by SSP</li> <li>Develop waterfall/agile hybrid development plan for migration DBT</li> <li>Continual progressing DIs to resolution</li> <li>Further develop ideas for MPRS involvement in CIT in conjunction with MHHS Programme</li> </ul>
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Party Milestones & Deliverables	Original or Baseline Date	Forecast date & RAG
Detailed plans for design and build	31-03-23	31-03-23
Detailed plans for PIT	31-03-23	31-03-23
PIT exit	31-01-24	31-01-24

Decisions required	From whom?	By when?
How will SIT work?	Programme	28-02-23
24/7 operation question	Conclusion of CR017 and CR018	31-03-23

Risk or Issue & RAG	Mitigating or resolving action required	Date for action to be resolved	Action owner
Migration DBT not meeting programme expectations	MPRS migration DBT to be developed	30-04-23	SCS/Programme
Assessing impact of migration design and the impact this may have on production interfaces	Baselining of migration design imminent. SCS to develop DBT plan.	30-04-23	SCS
MPRS high level plan needs extending following detailed IA	IAs performed during hybrid waterfall/agile delivery approach. Iterative approach will extend the delivery of the full MPRS MHHS release	31-01-24	SCS
Is the role of SCS recognised correctly by the programme?	Programme and SCS to resolve apparent mismatch	30-11-22	Programme/SCS
24/7 operation decision on wider SCS/DNO programme test phases and enduring operation	Do the programme test phases need modifying to reflect the potential change to 24/7 operation?	31-01-23	Programme
Insufficient review time allowed for artefacts (<4 days for WO item)	Rushed reviewing of artefacts could lead to misunderstanding	30-04-23	Programme
Risk of programme CRs which require MPRS development impacting level 1 milestones	Unable to extend scope within existing timelines. Programme to understand this constraint (eg D0170 decision).	Ongoing	Programme
Assumption & RAG	Action required to remove assumption	Date for action to be resolved	Action Owner
MPRS high level plan broadly remains following detailed IA	Detailed IA to complete	30-04-23	SCS
Data cut does not require code to be developed	Data cut design to be defined	30-04-23	Programme
Programme governance does not impact MPRS delivery activities	Light touch and targeted approach	30-11-22	Programme

Dependency & RAG	Managing action required	Date for action to be resolved	Action Owner
Dependency on Programme to confirm decisions on above	Prompt responses and decisions required		

Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	Jan-24	Feb-24
06/02/2023	Sprint 1 IA/DevST	26/04/2023										
	UAT/FAT Prep		FAT/UAT									
				Finish sprint 1	30/06/23							
	17/03/2023	Sprint 2 IA/DevST	05/07/2023									
		UAT/FAT Prep										
					FAT/UAT							
					Finish sprint 2	30/08/23						
				07/06/2023	Sprint 3 IA/DevST	01/08/2023						
					UAT/FAT Prep							
									Execute FAT/UAT			
									Finish sprint 3	31/10/23		
					17/07/2023	IA/DevST		28/10/2023				
									Prep			
												FAT/UAT
												Finish sprint 4
												31/01/24
												Sprint 5 IA/DevST
								28/09/2023				28/12/2023
												UAT/FAT Prep
												Execute FAT/UAT
												Finish sprint 5
												28/02/24



RAGs	Overall	Approach	Plan	Resources	Budget	Risk	Stakeholders	Suppliers
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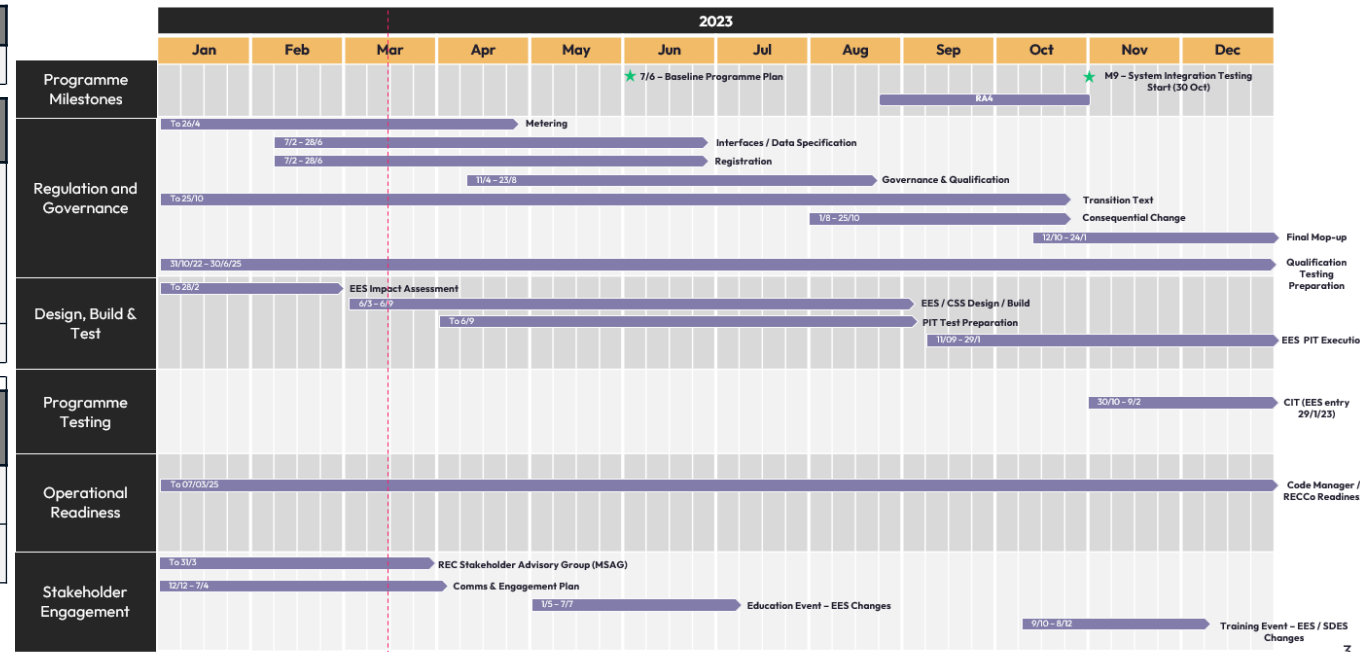
<b>Status &amp; Outlook</b>	<b>Progress last month:</b> <ul style="list-style-type: none"> <li>DIA completed with C&amp;C for EES MHHS changes – CRs signed and DBT began 1<sup>st</sup> March. Plan / deliverable alignment in progress</li> <li>Ongoing engagement with Elexon to agree roles, responsibilities and timescales for market qualification.</li> <li>Code Drafting: Metering – Industry consultation completed 13/3.</li> <li>Migration design in final stages of review</li> <li>MSAG meeting held 15/3 to baseline various REC design solutions</li> </ul>	<b>Progress expected in the coming month:</b> <ul style="list-style-type: none"> <li>Impact Assessment of programme Replan CR and alignment of RECCo plan</li> <li>Complete planning / deliverable alignment with C&amp;C following replan IA</li> <li>Ongoing engagement with programme on Qualification / Design work-off plan</li> <li>Code Drafting:                             <ul style="list-style-type: none"> <li>Metering –Action comments from industry consultation in readiness for CDWG review</li> <li>Other code drafting activities continue according to plan</li> </ul> </li> </ul>
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Party Milestones & Deliverables	Original or Baseline Date	Forecast date & RAG
EES DBT Start	01/03/2023	
EES SIT Entry (CIT)	29/01/2024	29/01/2024
Code Drafting Complete	04/04/2024	04/04/2024
Code Drafting Implemented	07/03/2025	07/03/2025
RECCo Readiness	07/03/2025	07/03/2025
GO LIVE	07/03/2025	07/03/2025

Decisions required	From whom?	By when?
None		

Risk or Issue & RAG	Mitigating or resolving action required	Date for action to be resolved	Action owner
[Issue] Roles and responsibilities for UIT and Qualification. The prog. has made assumptions that code bodies will be fully responsible for the operation and delivery of the MHHS UIT test phase	Tri-partite meetings established to agree roles and responsibilities. Regular meeting cadence now ongoing to define approach and plan.	February '23	Programme

Dependency & RAG	Managing action required	Date for action to be resolved	Action Owner
Transition Approach and associated design artefacts	Engagement in MDSG and MWG	March '23	Programme
Re-baselining of Programme Plan	Response to Round 3 Replan Consultation	April '23	Programme



★ Programme Milestone ◆ RECCo Milestone

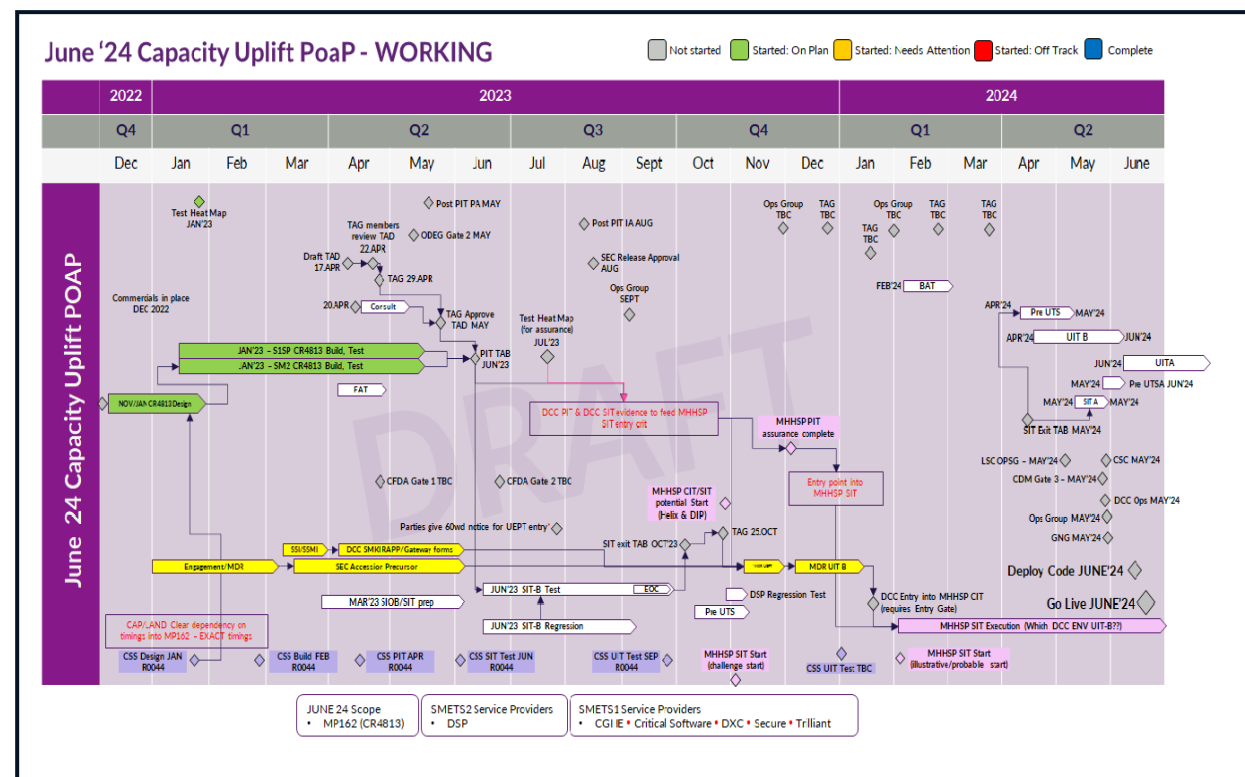
RAGs	Overall	Approach	Plan	Resources	Budget	Risk	Stakeholders	Suppliers	
<b>Status &amp; Outlook</b>	<b>Progress last month:</b> • DCC engaging with multiple prospective MDR parties • R0044 Design received from Switching and reviewed by DCC. • R0097 raised to align design to principles. • Design artefacts on MP162 delivered to DCC.			<b>Progress expected in the coming month:</b> • Final costs presented following FIAs from SP's, relating to Capacity, expected Mid Apr.			<b>Party Milestones &amp; Deliverables</b> Ofgem approval MP162 DBT complete MP162 SIT complete MP162 MDR UIT Start MP162 Go-LIVE MHHS Capacity uplift	<b>Original or Baseline Date</b> 25-10-22 15-05-23 15-09-23 17-07-23 20-06-24 20-06-24	<b>Forecast date &amp; RAG</b> 28-11-22 15-05-23 15-09-23 17-07-23 20-06-24 20-06-24

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

Risk or Issue & RAG	Mitigating or resolving action required	Date for action to be resolved	Action owner
Interface Spec from R0044 is not ready for the start of MDR DB-PIT DCC testing.	Monitor, closely, the Landmark and Netcompany delivery of interface spec to ensure agreed milestones are met.	31-01-23 (Complete)	DCC

Assumption & RAG	Action required to remove assumption	Date for action to be resolved	Action Owner
DSP Programme baselines against MP162/MHHS Programme requirements and go-live	Programme changes to be checked back against DSP Programme Assumptions	31-10-23	MHHSP

Dependency & RAG	Managing action required	Date for action to be resolved	Action Owner
New MDR Party available for UIT testing	Liaise with MHHS Programme on upcoming parties	01-07-23	MHHSP
Switching design RECMOD R0044 is complete	DCC Internal programme liaises with REC Manager for delivery into MHHS	31-01-23 (Complete)	DCC/REC Manager
Registration data design	R0097 raised to align design to principles which has lowered the risk of DCC needing visibility and greater clarity on how MDR and SDS registrations will be modelled	28-04-23	MHHSP
UEPT Alignment	SECAS/UEPT processes are aligned and ready to support POAP timings	27-01-23 (Complete)	DCC/SECAS





RAGs	Overall	Approach	Plan	Resources	Budget	Risk
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<b>Status &amp; Outlook</b>	Activities reported as progressed in February: <ul style="list-style-type: none"> <li>Attended meetings &amp; working groups</li> <li>Review of program documentation inc:                         <ul style="list-style-type: none"> <li>Migration Design Artefacts</li> <li>Code Drafting Consultation</li> <li>PIT/SIT Testing Guidance</li> <li>CRs</li> </ul> </li> <li>MHHS Stage0 : Internal development and testing (ST/SIT&amp;UAT)</li> <li>Internal Planning weekly meetings</li> <li>Internal CRs raised for supporting internal systems</li> <li>Ongoing procurement discussions and evaluation of potential adapter providers. Also for provision of wider DNO systems (eg UMSO and DUoS billing)</li> </ul>	Activities reported as expected to progress in March: <ul style="list-style-type: none"> <li>Attendance at various Programme workgroups/meetings</li> <li>Review of Industry Documentation/consultations and feedback</li> <li>Internal Planning weekly meetings</li> <li>Additional assignment of Internal SME's</li> <li>Adapter decision made (for some DNOs)</li> <li>MPRS 8.2 release for internal testing</li> <li>Stage 0 Registrations build complete; UAT commenced</li> </ul>
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Decisions to be made by DNOs	Impact of no decision	Decision by when?
Confirm adapter provider and complete procurement	Impact on testing capabilities and delay in DBT decisions	Feb -April 2023
Whether to participate in SIT (and if so for which systems)	If no decision is made, by default will participate in non-SIT LDSO (qualification) testing	23/04/23 (as per Programme date)

Decisions required from the programme	Impact of no decision	Decision by when?
Design baselines to be completed	Impact on delivery of DNO supporting systems	ASAP
Essential DIP documentation (CoCo & PHID) to be provided	Delays in DNO supporting processes being in place to complete CIT/SIT	ASAP
Replan – publication of updated programme plan	Plan status is Amber until programme milestones are confirmed	ASAP
CR Decisions Required (eg C017/CR018/CR019) to provide further clarity on enduring design	CR017/18 Requirements ambiguous leading to potential misalignment across parties; CR019 DNO's unable to recover DUoS charges	ASAP
Scope for SIT (Functional) participation by the DNO (Durabil/UMSO/LDSO approaches) to be clarified by the programme.	Dependency on systems and data for the SIT may not be clarified impacting quality of testing.	21 Apr 2023 (T2-TE-0150)

Escalations (priority items for attention and support from the programme)	Action by when?
Clarification of SIT approach and testing requirements for LDSO (DUoS billing) and UMSO processes. St Clements able to undertake aspects on behalf of LDSOs confirmed	ASAP
Clarification of Qualification testing requirements (non Registrations)	ASAP
Responses to the large volume of design queries raised by St Clements	ASAP
LDSO see no requirement for UMSO to interact with the DIP for messages when this is currently carried out via MPRS - Require justification/review by the programme (as there are potential cost implications)	ASAP

Risks or Issues	Impacts	Opportunities to resolve and deliver as soon as possible
Design risks have been identified as part of M5 WOP, SCS Design Issue Log and CRs already raised	If not resolved may cause delays or rework (and increased costs/resources)	Resolution of CR017 and other design issues identified by LDSOs
In relation to ongoing Programme discussions, further change may be required to Registration Systems	This may impact the delivery timescales and potentially delay delivery	Ongoing discussions on proposed changes, and a reasonableness approach adopted (potential change freeze)
Potential impact on DNO budgets.	Potential under-recording of DNO cost impacts in the Programme benefits	Require clear statement on (for example) Environment requirements for Non-SIT LDSO testing and CR017 Decision.
If Design issues not resolved and design baselined asap, Core Capability Providers may not be able to complete their DBT by M9 as set by the re-plan	Unable to enter SIT. Design is baselined but is then undermined by large numbers of Change Requests	- Resolve outstanding design questions and baseline design
The Reverse Migration Solution is too complex to enable Core Capability Providers to Achieve Testing & M10.	Migration phase is delayed.	- Review and act on feedback provided by respondents
Lack of public central programme design issues log	No visibility of issues/progress	Utilise design issues tool (cf JIRA) which allows 2-way issue updates

DNO Key Milestones (in Round 3 plan)	Round 3 date & confidence level / RAG	Reasons for confidence levels
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**For those intending to participate in Systems Integration Testing (SIT)**

M9 - SIT CIT start	<b>30-Oct-23</b> 4 Medium confidence 2 Low confidence	St Clements to provide status for MPRS At this point DNOs unsure of the full requirements for SIT/CIT as still awaiting key information from the Programme inc DIP provider information (in relation to the code of connection and PHID). Based on the current requirements' DNOs are confident that able to meet internal testing dates providing that the programme meets all dates set out in the Round 3 Replan consultation. However, there are still technical E2E design elements that have not yet been baselined including reverse migration, and 24/7 Registration Operation and without these DNOs cannot finalise DBT. DNOs originally assumed that all major decisions and technical solutions would have been known at M5. Then believed that these issues would have been addressed as work off items under the timeline agreed at DAG, i.e. M5 +3. Whilst DAG had agreed that CRs may need to be raised as a way forward, this means DNOs are still left with significant questions unanswered and no definitive timeline for getting a final resolution. As a result of above some DNOs are unable to make a clear decision on whether to be involved in SIT or opt for non-SIT LDSO (qualification) testing. Therefore, currently Low confidence for full MPRS availability at 30/10/23 CIT start but depending on on-going and currently promising Programme discussions for phased delivery of MPRS throughout CIT, this confidence may improve in the near future. Some DNOs rank CIT confidence as Medium based on this assumption.  DURABILL/UMSO/LDSO approaches to be decided – subject to programme clarifications
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SIT (Functional) start	<b>27-Feb-24</b> 6 Medium confidence	St Clements to provide status for MPRS and as such we have increased confidence in meeting this milestone, on the basis that there are no further changes required to the Registration system and the Programme meets the milestones as per the Round 3 Replan. This confidence score would be higher if there was a Registration change freeze  DURABILL/UMSO/LDSO approaches to be decided – subject to programme clarifications
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M10 - readiness to support migration start, including Registration Services. Network Operators and UMSOs	<b>07-Mar-25</b> 6 Medium confidence	St Clements to provide for MPRS - currently medium confidence. Noting that these requirements are still to be agreed at Programme level. Subject to elements of uncertainty surrounding Reverse Migration Design and no further significant design changes.  DURABILL/UMSO/LDSO approaches to be decided – subject to programme clarifications
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**For those intending to participate in non-SIT LDSO (qualification) testing**

Non-SIT LDSOs testing start (Functional / Migration / NFT / Ops)	<b>02-Jul-24</b> 6 Medium confidence	DURABILL/UMSO/LDSO approaches to be decided – subject to programme clarifications Subject to no further significant design changes These confidence ratings include those DNOs who have volunteered for SIT
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M10 - readiness to support migration start, including Registration Services. Network Operators and UMSOs	<b>07-Mar-25</b> 6 Medium confidence	Programme requirements in relation to requirements for LDSO/Billing/UMSO are still to be clarified. Guided by St Clements for readiness on Registration (MPRS) and Network Operators (DURABILL) start of testing by 02/07/24. Subject to no further significant design changes These confidence ratings include those DNOs who have volunteered for SIT
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DNO Adaptor status				
Decision to use an adaptor	Functional scope of adaptor agreed	Adaptor procurement completed		
Yes 6	No	MPRS only	Wider 6	0

RAGs	Overall 3=G, 6=A	Approach 8=G, 1=A	Plan 4=G, 5=A	Resources 7=G, 2=A	Budget 7=G, 2=A	Risk 2=G, 5=A, 2=R
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<b>Status &amp; Outlook</b>	<b>Activities reported as progressed in March:</b> <ul style="list-style-type: none"> <li>Submitted responses to CR017, CR018 &amp; CR019 - LDSO Registration Service Dip messages processing times, Registration Service Operating Hours and Replacement of D0242 D0315 for MHHS</li> <li>Reviewed and responded to further releases of draft code changes</li> <li>Reviewed and responded to further changes to the Migration Design artefacts</li> <li>Reviewed the Placing Reliance Policy document</li> <li>Progressed IDNO collaborative testing proposals</li> <li>Monitored progress of LDSO DINs</li> <li>Engaged with the IPA regarding LDSO design concerns</li> </ul>	<b>Activities reported as expected to progress in April:</b> <ul style="list-style-type: none"> <li>Understand detailed proposals for Programme Re-Plan</li> <li>Gain better understanding of SIT and Qualification requirements</li> <li>Continued review draft Code changes</li> <li>Realise agreement for DUoS billing IDs/LLF IDs</li> <li>Receive and review DIP CoCo and Design Documentation</li> <li>Continued monitoring of LDSO DINs progress</li> <li>Continued progress of IDNO collaborative testing</li> <li>Contractual negotiations with external third parties</li> <li>Funding approval</li> </ul>
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Decisions to be made by IDNOs	Impact of no decision	Decision by when?
SIT participation	Potential to have no LDSO SIT party	23.04.23
How would collective SIT or Non SIT LDSO Testing work? eg decision on which companies would progress with testing.	Perceived lack of IDNO participation in important test phase.	April 23
Qualifying via Placing Reliance policy	Delays – expecting further clarification on qualifying via the policy by end of industry-wide review	10.04.23

Decisions required from the programme	Impact of no decision	Decision by when?
CR017 – LDSO DIP Messages Processing Times and CR018 – Registration Service Operating Hours	Additional delay to Registration system readiness. Additional cost. Additional resource for transition and enduring process	05.04.23
Clarifications on LDSO DINs	Unable to proceed fully with DBT and, ultimately, to be ready for M9	ASAP – impacting our own and SCS' DBT
Clarification from the Programme on what is required for M9, including environments, and for Qualification, and subsequent Re-Plan proposed changes	May influence the priority of build and could impact M9 readiness and subsequent milestones	15.04.23
Suitability of Service Provider taking members of INA and IDNO Community through test phases as collective.	Uncertainty of IDNO participants in SIT.	ASAP

Escalations (priority items for attention and support from the programme)	Action by when?
Clarity and resolution on the above	ASAP – impacting our

Risks or Issues	Impacts	Opportunities to resolve and deliver as soon as possible
Registration system not ready for M9	IDNOs unable to commence SIT	Engagement with Programme to determine Musts and Non-Essentials for SIT start
Continued changes to Design	IDNOs unable to complete build	Continued engagement with Programme to determine design
Code drafting triggering a change to Design	Delay to M9	Code drafting completed earlier
Delay to outstanding CRs and Design Issues being concluded.	Delay in DBT and entry in to SIT.	Resolution and implementation of CRs in flight and outstanding design issues.
DIP service provider deviates from published Design	Delay to DBT + additional costs	Can the programme commit to a target date for any statement on this?

IDNO Key Milestones (in Round 3 plan)	Round 3 date & confidence level / RAG	Reasons for confidence levels
<b>For those intending to participate in Systems Integration Testing (SIT) See additional comments on individual reports.</b>		
M9 - SIT CIT start	<b>30-Oct-23</b> [0] High confidence [0] Medium confidence [6] Low confidence	It's not clear what is required for CIT start. This phase suggests that only testing with our adapter will be required but we are expected to have completed PIT prior to CIT start. It's also not clear if this requirement is on a system by system basis or if it needs to be all of our systems or nothing i.e. does it matter if one of our systems has not fully completed PIT? In addition to the above, although guidance has been issued for PIT there's no format for how PIT documentation has to be completed therefore it's impossible to give an accurate timeline of how long generation of documentation of testing will take. March DAG agreed that the sender of the D0170 should be the Registration System. This adds significant delay to the roll out of the system to support SIT CIT start.
SIT (Functional) start	<b>27-Feb-24</b> [0] High confidence [2] Medium confidence [4] Low confidence	This confidence level is caveated on the basis that if CIT start only extends as far as adapter testing then with the exception of any additional design changes effecting development occurring then this date should be achievable.
M10 - readiness to support migration start, including Registration Services. Network Operators and UMOS	<b>07-Mar-25</b> [0] High confidence [5] Medium confidence [1] Low confidence	Again this is all based on the above completing on time for all affected systems.
<b>For those intending to participate in non-SIT LDSO (qualification) testing</b>		
Non-SIT LDSOs testing start (Functional / Migration / NFT / Ops)	<b>02-Jul-24</b> [1] High confidence [4] Medium confidence [0] Low confidence	Capability update of relevant software service provision is underway. Continue to engage and aim to be ready for all Milestones. This is caveated by outstanding design issues and CRs which are still being progressed. St Clements have raised concerns around timescales, but are working closely with the Programme to try and meet these. <b>See additional comments on individual reports.</b>
M10 - readiness to support migration start, including Registration Services. Network Operators and UMOS	<b>07-Mar-25</b> [1] High confidence [3] Medium confidence [1] Low confidence	This is based on SIT CIT scoring successful test pass, to intended timescales, and that further guidance is issued to support M10 incorporating the outcome of SIT CIT. Working with our Service Provider to ensure readiness, again caveated with resolution of outstanding issues. Too early to determine.

IDNO Adaptor status		
Decision to use an adaptor	Functional scope of adaptor agreed	Adaptor procurement completed

Yes [9]	No [0]	MPRS only [0]	Wider [2]	[0]
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Overarching Costs for MHHS Central Parties FY 22/23

£M	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total
<b>MHHS Budget</b>	1.16	1.17	1.21	1.21	1.22	1.64	1.57	1.59	1.58	1.58	1.58	3.96*	<b>19.47</b>
<b>MHHS Actual/Forecast</b>	1.03	0.92	1.1	1.09	1.23	1.12	1.44	1.45	0.91	2.05	2.51	2.42	<b>17.27</b>
<b>DCC Budget</b>	0	0	0	0	0	0	0	0	0	0	0.52	0.52	<b>1.04</b>
<b>DCC Actual/Forecast</b>	0	0	0	0	0	0	0	0	0	0	0.52	0.52	<b>1.04</b>
<b>Helix Budget</b>	1.02	2.01	1.75	1.94	2.13	2.12	2.07	2.21	1.74	1.45	1.36	1.3	<b>21.1</b>
<b>Helix Actual/Forecast</b>	0.96	1.98	1.82	1.52	1.95	1.85	2.07	2.21	1.69	1.83	1.82	2.2	<b>21.9</b>
<b>RECCo Budget</b>	0.06	0.06	0.06	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	<b>0.45</b>
<b>RECCo Actual/Forecast</b>	0	0	0	0.01	0.03	0.02	0.01	0.05	0.03	0.08	0.05	0.08	<b>0.36</b>
<b>Total Budget</b>	<b>2.24</b>	<b>3.24</b>	<b>3.02</b>	<b>3.18</b>	<b>3.38</b>	<b>3.79</b>	<b>3.67</b>	<b>3.83</b>	<b>3.35</b>	<b>3.06</b>	<b>3.49</b>	<b>5.81</b>	<b>42.06</b>
<b>Total Forecast/Actual</b>	<b>1.99</b>	<b>2.9</b>	<b>2.92</b>	<b>2.62</b>	<b>3.21</b>	<b>2.99</b>	<b>3.52</b>	<b>3.71</b>	<b>2.63</b>	<b>3.96</b>	<b>4.9</b>	<b>5.22</b>	<b>40.57</b>

**Please note:**

- MHHS: \* = includes contingency. £2.22m projected giveback
- RECCo: include only 3rd party costs (do not include internal resources)
- DCC: data subject change alongside MP162 progression. Financials being finalized alongside Service Providers

Overarching Costs for MHHS Central Parties FY 23/24

£M	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total
<b>MHHS Budget</b>	1.03	2.95	1.25	1.35	2.09	1.22	1.19	1.76	1.14	1.23	1.6	3.02*	<b>19.83</b>
<b>MHHS Actual/Forecast</b>	1.88	1.95	1.98	2.01	1.61	1.64	1.85	1.37	1.07	1.34	1.39	1.77	<b>19.86</b>
<b>DCC Budget</b>													
<b>DCC Actual/Forecast</b>													
<b>Helix Budget</b>	2.4	2.4	2.4	2.4	2.4	2.4	2.4	0.48	0.48	0.48	0.48	0.48	<b>19.2</b>
<b>Helix Actual/Forecast</b>	2.4	2.4	2.4	2.4	2.4	2.4	2.4	0.48	0.48	0.48	0.48	0.48	<b>19.2</b>
<b>RECCo Budget</b>	0.24	0.15	0.17	0.15	0.18	0.17	0.47	0.22	0.24	0.38	0.24	0.26	<b>2.85</b>
<b>RECCo Actual/Forecast</b>													
<b>Total Budget</b>													
<b>Total Forecast/Actual</b>													

**Please note:**

- MHHS: \* = includes contingency.
- RECCo: include only 3rd party costs (do not include internal resources)
- DCC: financials being finalised alongside Service Providers



**Status Summary**

- Code drafting plan has been amended following the round 3 consultation and CCAG direction
- Tranche 1 code artefact consultation closed on 13<sup>th</sup> March. 1,107 comments were received by participants
- Code drafting resource is still required to support transition design
- Tranche 2 code drafting began on 1<sup>st</sup> March with planning and the approach agreed (Registrations & BSC Central Services)



**April Deliverables**

- Triage and action consultation comments from tranche 1
- Share consultation comments and Programme responses with industry
- Present post consultation tranche 1 code artefacts to CDWG
- Continue code drafting of Registrations and BSC Central Services



**Risks**

#	Risk or Issue	Mitigation Plan	RAG
R053	There is a risk that the programme may not be able to resource adequately against the code draft plan. (Either the programme does not get the resources required in time to start drafting or it does not get the resource to deliver drafting)	The code replan will take this risk into consideration and plan accordingly.	High Risk
R162	There is a risk that if M6 is delayed, the delayed Qualification QAD process will not give enough time for Programme Parties to Qualify before Migration starts	There is a significant amount of time to complete QAD in the programme plan so this is unlikely to be on the critical path	Medium Risk
R355	There is a risk that Consequential Change solutions are not approved by responsible parties in advance of the associated Code Drafting topics being started	If consequential code changes are not submitted within the code drafting plan timescales (August 2023) Code bodies will miss the consequential code change consultation and can raise a change request to bring the items back into programme scope. The code replan will take this risk into consideration and plan accordingly by creating several consultation windows that Code Bodies can submit their CCC into.	Medium Risk

Drafting Milestones	Target date*	Forecast date	Status
Data Services approved at CCAG	26/4/23	24/5/23	BSC
Metering Services approved at CCAG	26/4/23	24/5/23	REC
			BSC
Interfaces/Data Specification approved at CCAG	28/6/23	13/11/23	Red
Registration approved at CCAG	28/6/23	23/08/23	Red
Governance and Qualification approved at CCAG	23/8/23	13/11/23	Red
BSC Central Services approved at CCAG	23/8/23	14/09/23	Red
Consequential Change approved at CCAG	25/10/23	13/11/23	Red
Migration Text approved at CCAG			
Transition Text approved at CCAG	25/10/23	25/01/24	Red
Topic Area Mop Up approved at CCAG	24/1/24	13/05/24	Red
Finalise and consistency check approved at CCAG	27/3/24	23/08/24	Red
Code changes baselined (M6)	4/4/24	23/08/24	Red
Smart Meters Act powers enabled (M7)	6/12/24	11/11/24	Green
Code changes delivered (M8)	7/3/25	7/3/25	Green

\*dates subject to Replan CR

## Design Advisory Group (DAG)

### Updates from DAG 08 March 2023

- Sender of D0170 flow:** DAG decided the Registration Service should be the sender of the D0170 flow. This decision follows the recommendation of the Programme, developed via the Migration Design Subgroup, on the benefits of a central operator, the lower risk to testing and migration SIT components, and overall level of industry change required versus requiring Suppliers to be senders of the flow.
- Programme Change Requests (CRs):** The DAG requested updates to new CR019 raised in relation to a potential new data flow required to support DCUSA processes prior to issuance to Impact Assessment (IA). CRs 017 & 018 are currently at IA and further information to support participants responses is due to be published.
- Consequential Change Impact Assessment Group (CCIAG):** The agreed to the closure of the CCIAG noting it had fulfilled its purpose and received positive feedback from participants. The Consequential Change Log is not closed, and the primary outputs are topics for consideration under consequential change code drafting

DAG papers available [here](#)

### Upcoming agenda items

- Migration Design decision
- Design baseline management - Change management and design decisions (inc. any Change Requests)
- DIP design
- Transition design progress updates
- DAG ToR refresh

## Cross-Code Advisory Group (CCAG)

### Update from CCAG 22 February 2023

- Horizon Scanning Log:** BSC Modification P432 has been approved and issued to Ofgem for decision. The change is dependent on DCUSA CP414 and decision timeframes are unknown at present. REC Change Proposal R044 has been approved, which facilitates provision of the new Meter Data Retrieval (MDR) role. New REC changes have also been raised as a result of detailed design work ongoing by the DCC (see R093 & R097).
- Ofgem Code Designation Update:** Ofgem advised of a current preference to utilise Significant Code Review (SCR) powers to implement the code change required to give effect to MHHS. Other options are available and Ofgem continue to work with the Programme to ensure the most effective method is used.
- Code Drafting Replan:** Changes are required to the Code Drafting Plan following comments received as part of the wider Programme Replan. Key changes will include increased time for code drafting and associated consultations.

CCAG papers available [here](#)

### Upcoming agenda items

- Code draft planning (as input to Programme replan)
- Code drafting progress updates
- Code drafting approach - learnings and improvements

## Testing and Migration Advisory Group (TMAG)

### Update from TMAG 15 March 2023

- Data Cleanse Plan:** The Programme provided an overview of the plan, scope and timescales
- Migration, Cutover & Data Strategy:** The Programme provided an update on progress to date
- SIT Scope:** The Programme provided updates on the SIT Scope document, and plans to update and rebaseline the MHHS E2E Testing and Integration Strategy
- Placing Reliance Policy update:** The Programme provided an update on the status of the Placing Reliance Policy for review ahead of planned approval at 27 March extraordinary TMAG
- Test Data Approach and Plan:** The Programme provided an update on progress of the Test Data Approach and Plan ahead of decision at May TMAG
- Working group updates – Updates were provided on activity at the Qualification and Non-Functional Testing Working Groups

TMAG papers available [here](#)

### Upcoming agenda items

- Placing Reliance Policy approval
- Review of E2E Testing and Integration Strategy
- Overarching Test Data Approach and Plan approval
- Migration, Cutover & Data Strategy approval
- CIT & Functional Test Approach and Plans approval
- Release and Configuration Management Approach
- Data Cleanse Plan



### SIT Readiness

- Of the **75** responses to the Replan R3, **24** have volunteered for SIT and **27** are interested in doing so.
- The PPC Team are working closely with participants and their software providers to ensure that they are aligned on SIT timelines.
- PPC team has supported the Testing Team with communicating the “Placing Reliance” Policy to Participants, highlighting the second round of industry consultation closing on 5<sup>th</sup> April.
- **Next steps:** PPC team to continue to identify ask about SIT in bilaterals and work with Testing team to communicate the benefits of SIT to participants.



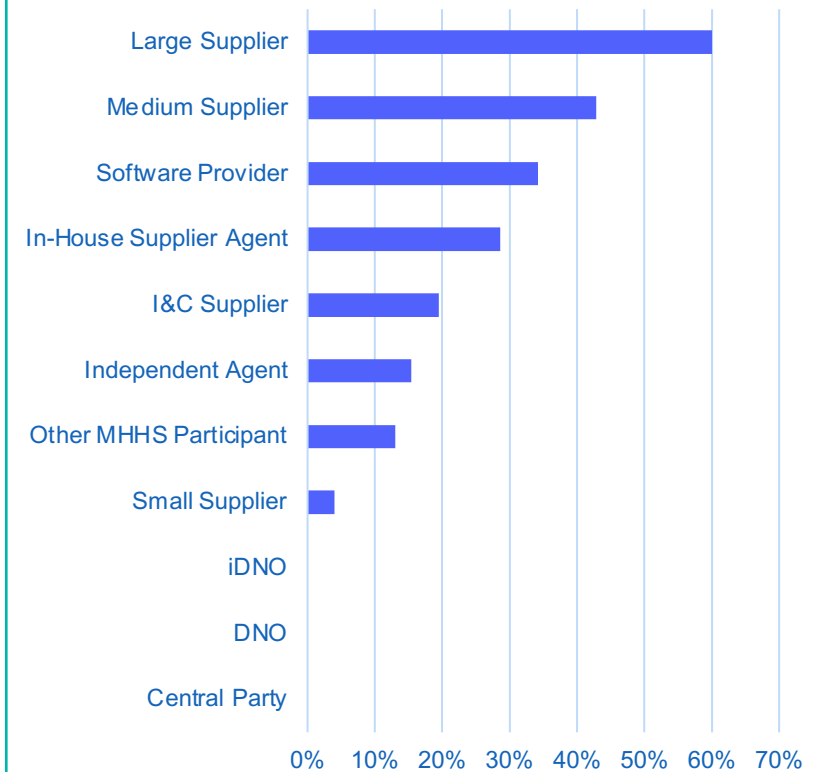
### Communications channels

- The PPC team have been supporting the Programme with two webinars including a webinar on the Introduction to the Data Integration Platform (DIP) on 23 February and a webinar on the Participant Design Assurance Approach on 30 March.
- **Next steps:** Continue to survey participants via webinars and confirm future webinars.

### Participant Engagement by Constituency

The PPC team held **37** bilateral meetings with Participants this month. The chart below shows the percentage of these Participants in each Constituency that were met.

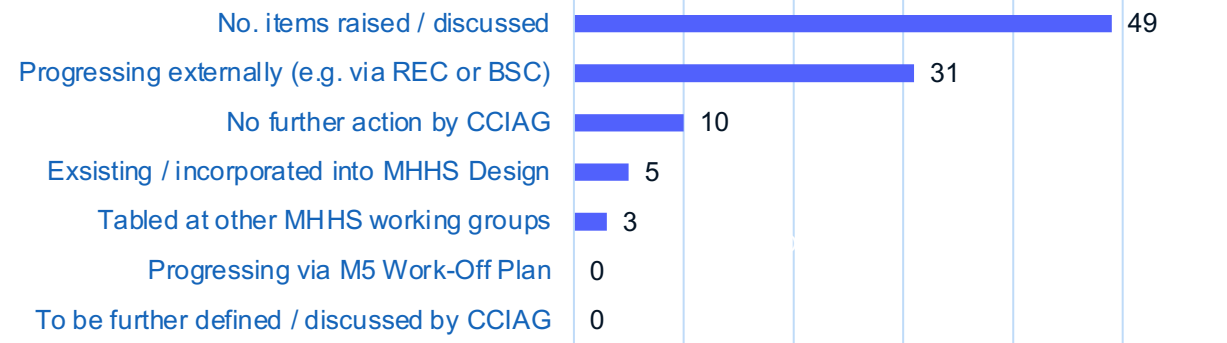
% Participants met, by Constituency



**Consequential change:** Summarises activity at the Consequential Change Impact Assessment Group (CCIAG)

**CCIAG metrics**

The following graph summarises the status of consequential change topic under discussion at the CCIAG:



The latest CCIAG meeting papers and headline reports can be found [here](#).

**Closure of CCIAG**

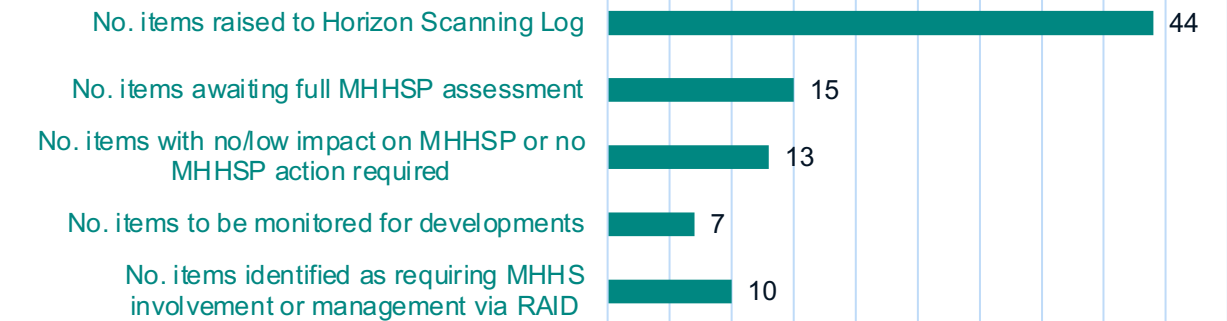
The CCIAG has successfully concluded its activities, and was officially disbanded by the Design Advisory Group (DAG) on 08 March 2023. Feedback from participants has been exceptionally positive, and there was agreement at the last CCIAG meeting on 22 February 2023 that the group has successfully discharged its objectives by giving oxygen to topics which may not otherwise have had a natural home for discussion. The majority of topics discussed at the CCIAG will now be progressed externally by Code Bodies, with certain topics/solutions then being incorporated as consequential changes into code drafting being undertaken via the Cross Code Advisory Group (CCAG) and Code Drafting Working Group (CDWG). The CDWG will consult on all code drafting, and Code Bodies are expected to consult participants on any solutions developed.

**Outputs and Next Steps**

The primary output of the CCIAG is a list of consequential change code drafting topics which will now be passed to the CCAG/CDWG. Code Bodies have warranted that the items within this list are topics which are likely to require incorporation into Programme code drafting to avoid inefficiency and duplicated effort. Code Bodies have also warranted that the list of drafting topics, if not incorporated into Programme code drafting, would likely require a standalone change under the respective code.

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

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



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

**Horizon Scanning Process**

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

**Industry code changes: 38** – REC: 18, BSC: 8, SEC: 4, DCUSA: 7, CUSC: 1

**Wider industry changes: 5** – HH opt-out, DUoS SCR, code review, microbusiness def

**Criticality of horizon scanning items** – High: 4, Medium to High: 3, Medium: 3, Low: 13

**Top RAID linked items:**

- **SEC MP162** (R0011, R0083, R0113, R0115, R0116, R051, R0182, R0191, D0076, D0077)
- **BSC CP1558** (R0200, D0068) • **REC R0032** (D0068, D0069) • **REC R0044** (D0055)



**Dashboard Objective:** To provide PSG with a progress update on in-flight and future planned assurance activities. Assurance themes and agreed actions will be shared with PSG on a quarterly basis with specific Work Package (WP) assurance reports shared in the lead up to key milestones.



## Assurance Activities in Progress / Completed during month

### Theme-Based Assurance

- **Ongoing Embedded Assurance Activities (WP1)** - Monthly cadence of interactions with MHHSIP to support embedded assurance - **In Progress - Drafting summary report on progress against actions raised by IPA**
- **MHHS Programme Plan (WP3)** - Embedded assurance in programme re-plan activity - **In Progress - IPA final report will be shared with the Programme as part of the Round 3 Plan Consultation**
- **Design Documentation (WP4)** - Embedded assurance in design activity - **In Progress - IPA provided feedback on migration design process.** Monitoring actions to progress Data Assurance report findings in Data Working Group and Migration Working Group. Observing migration design review and assurance processes, through BPRWG and document review.
- **Conflicts of Interest (WP 5)** - **Terms of Reference for forward assurance shared with SRO and Ofgem for feedback.**

### Stage-Based Assurance

- **Test Assurance (WP9, 10, 11)** - Embedded assurance in testing activity - **Terms of Reference for assurance activity shared with SRO and Ofgem for feedback. LDSO targeted assurance report shared with SRO and Ofgem and feedback received.**



## Upcoming Assurance Activities

- **WP9/10/11** - Mobilisation of this work package and share IPA review comments on SIT scope and voluntary Participants' planning
- **Revision of the Independent Programme Assurance Framework and assurance plan** - To be reviewed and updated following baselining of the Programme Re-plan



## Assurance Action Status

Total agreed recommendations made in reports to PSG = 25

Complete  
12

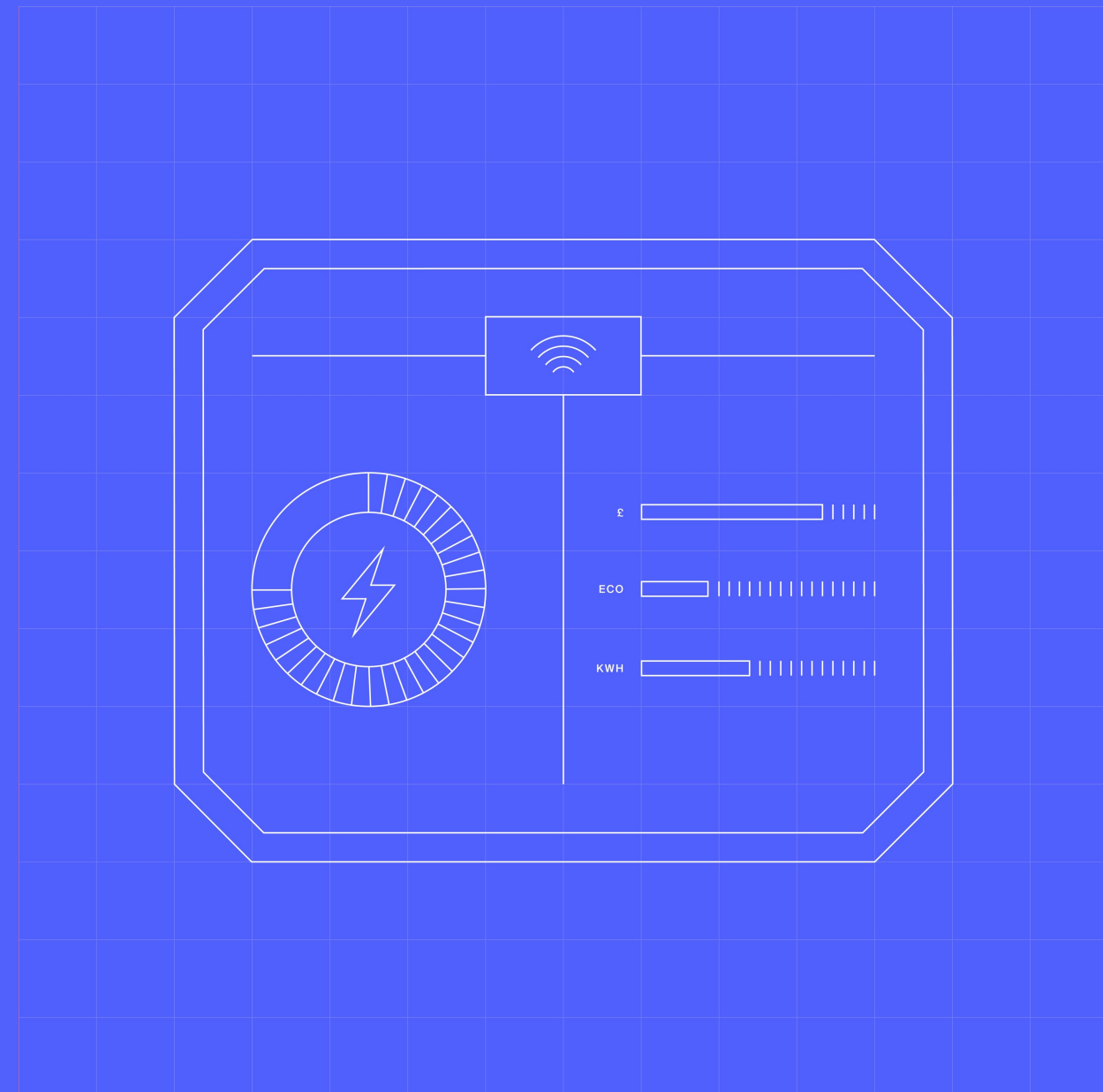
In progress  
13

# Summary and next steps

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

Chair and Secretariat

*5 mins*



## Summary and next steps

1. **Confirm actions and decisions from meeting**
2. **Date of next PSG: 03 May 2023 10:00 - 12:00**

### Main agenda items

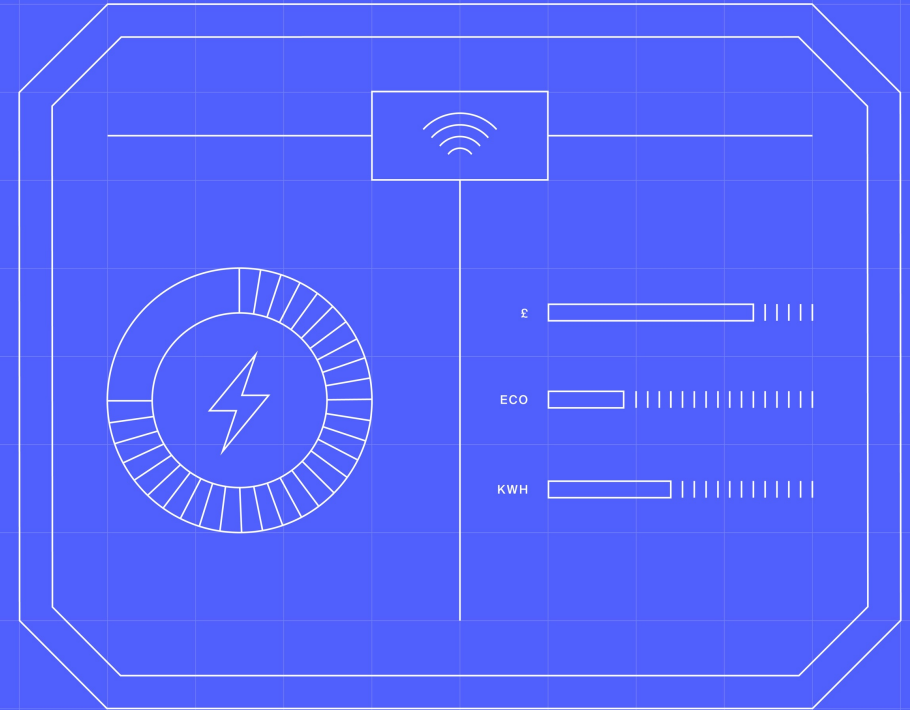
- Programme Re-plan - Change Request Impact Assessment outputs and decision
- SIT (M9) and Go-live (M10 / M11) outlook and next steps
- First FTIG report
- Programme delivery approach recap

### Standing items

- Minutes and action review
- Sponsor update
- Delivery dashboards
- Summary and next steps

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

# Appendix

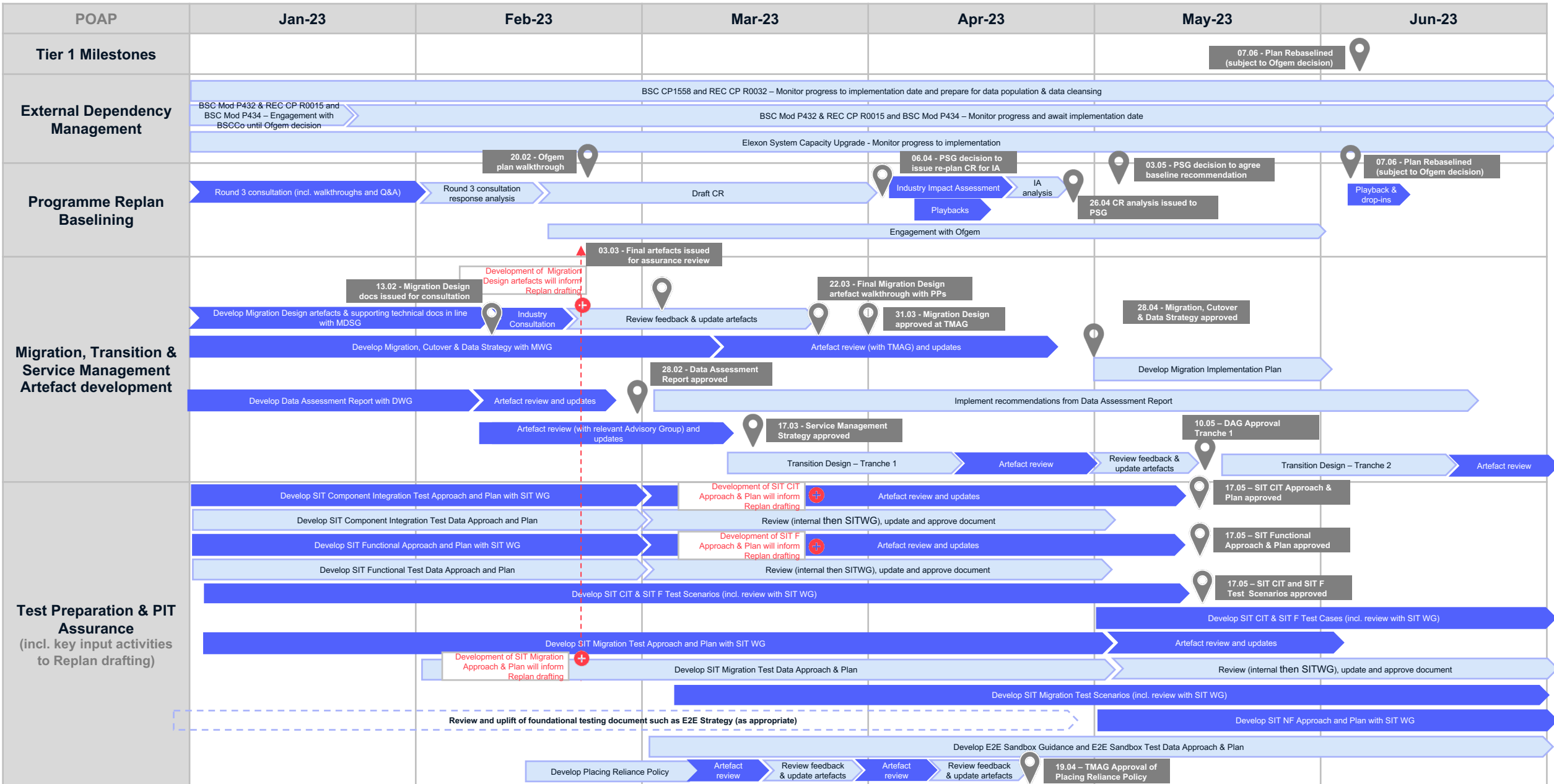


*Detailed Interim Plan*

# MHHS Interim Plan (1 of 2)

The cadence of Level 2 and 3 governance meetings will continue according to the usual schedule throughout this period, plus extraordinary meetings where required.

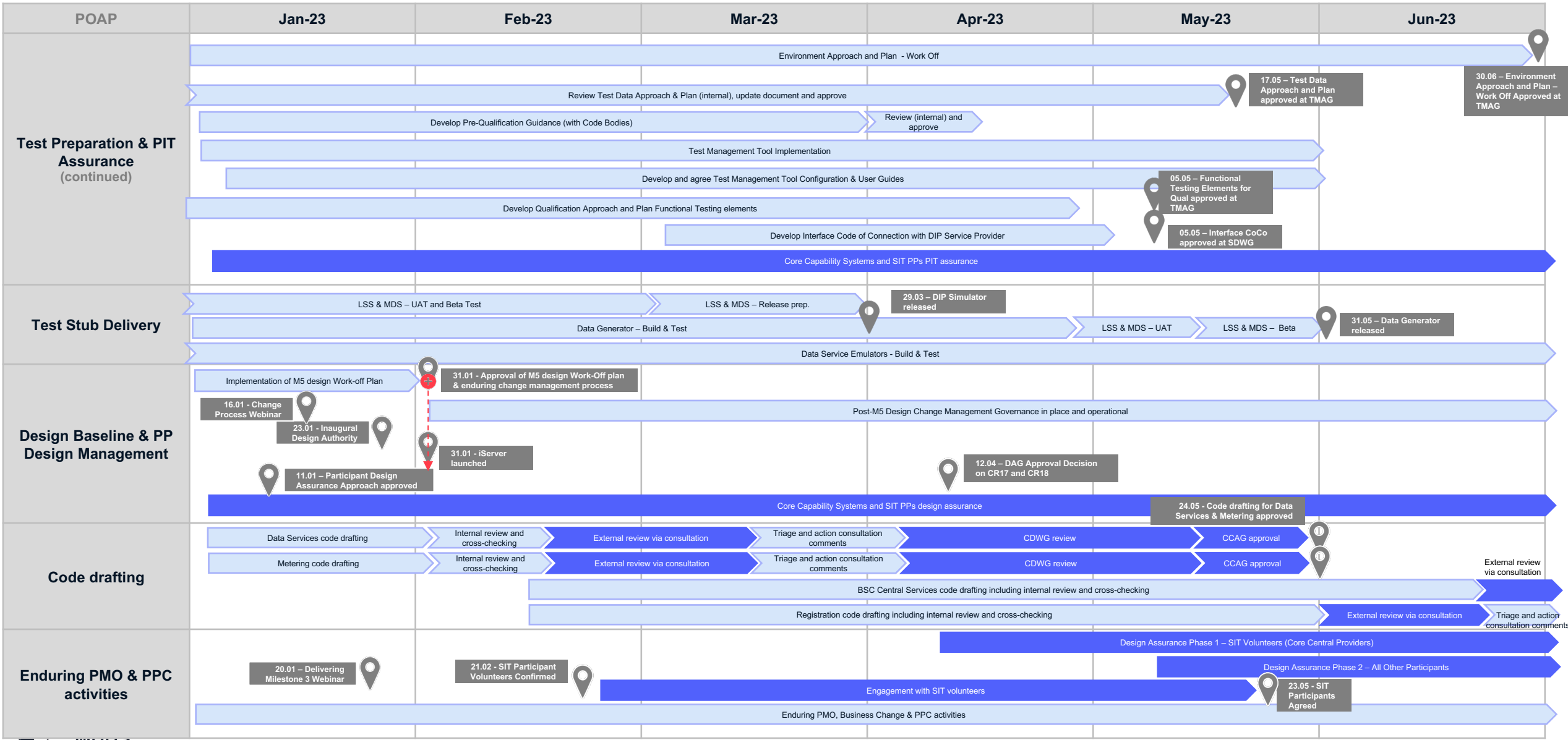
KEY: Key dates PP Engagement with MHSP Artefact approval / development will inform Replan drafting & help refine / validate key planning assumptions



# MHHS Interim Plan (2 of 2)

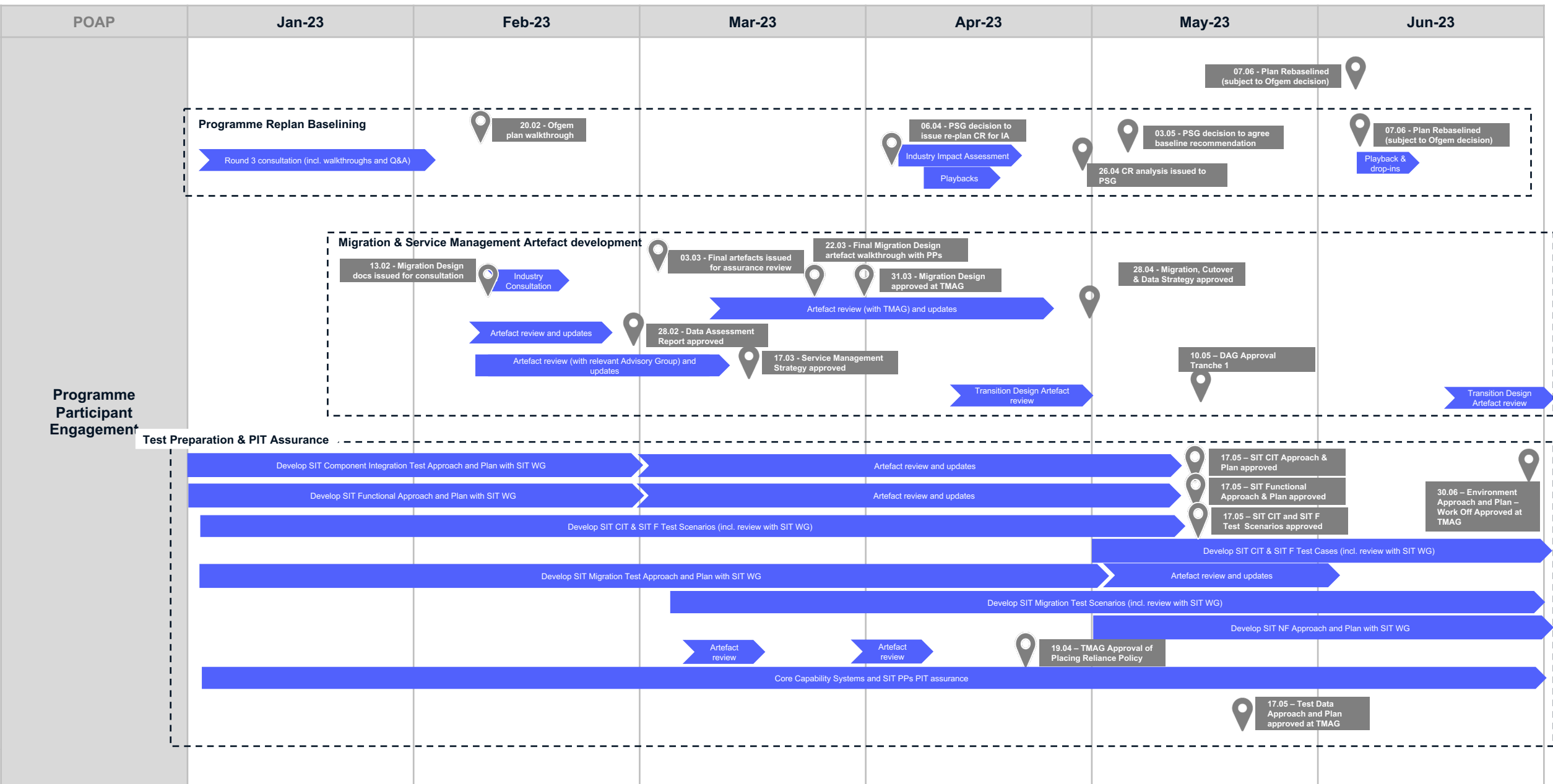
The cadence of Level 2 and 3 governance meetings will continue according to the usual schedule throughout this period, plus extraordinary meetings where required.

KEY: Key dates PP Engagement with MHSP Artefact approval / development will inform Replan drafting & help refine / validate key planning assumptions




# MHHS Interim Plan (PP Engagement Overview) 1 of 2

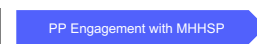
KEY: Key dates PP Engagement with MHHS Artefact approval / development will inform Replan drafting & help refine / validate key planning assumptions



# MHHS Interim Plan (PP Engagement Overview) 2 of 2

The cadence of Level 2 and 3 governance meetings will continue according to the usual schedule throughout this period, plus extraordinary meetings where required.

KEY:  Key dates

 PP Engagement with MHSP

 Artefact approval / development will inform Replan drafting & help refine / validate key planning assumptions

