



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

Programme Steering Group #9

06 July 2022

Version 1.0

MHHS-DEL474

Document Classification: Public

Agenda

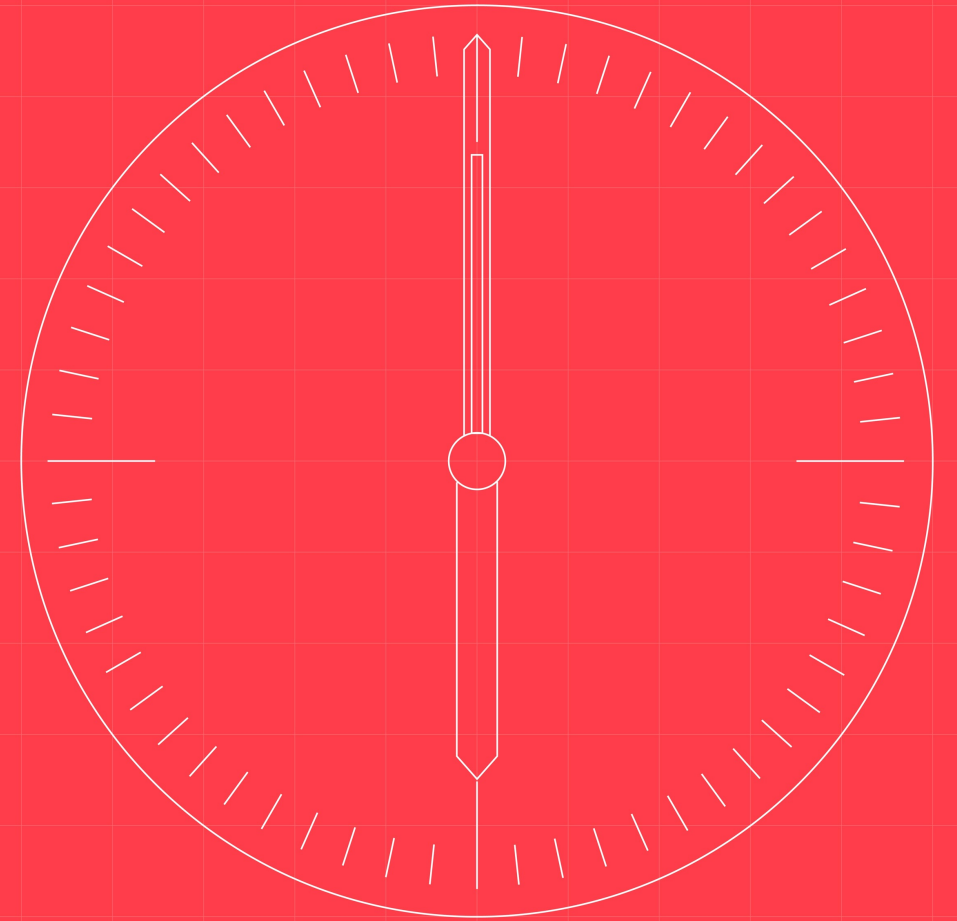
#	Item	Objective	Type	Lead	Time	Page
1	Welcome			Chair	14:00-14:05 <i>5 mins</i>	
2	Minutes and actions review	Approve June minutes. Update on open actions, closing where appropriate	Decision	Chair and Secretariat	14:05-14:10 <i>5 mins</i>	3
3	M5 plan update	Provide an overview of the revised plan to complete and baseline the MHHS Design	Information	Programme (Warren Fulton)	14:10-14:25 <i>15 mins</i>	5
4	Decision on CR007	Review outputs of Impact Assessment for CR007. Make a decision on next steps for the Change Request	Decision	Programme (Keith Clark)	14:25-14:40 <i>15 mins</i>	12
5	Programme re-plan	Update on next steps for the Programme re-plan, including on the migration/transition approach and progress of volunteer working groups	Discussion	Programme (Keith Clark)	14:40-14:50 <i>10 mins</i>	13
6	IPA escalation - MP162 approval risk	Inform PSG of the risk relating to MP162 approval and agree mitigation actions	Discussion	Programme (Jason Brogden)	14:50-15:05 <i>15 mins</i>	15
7	PSG pre-meeting webinar feedback	Hear feedback from PSG members on the PSG pre-meeting webinar trial	Discussion	Chair	15:05-15:10 <i>5 mins</i>	17
8	Delivery dashboards	Take questions from PSG members, highlighting new dashboards (interim plan report, IPA dashboard and Central Systems delivery plans)	Information	Chair	15:10-15:20 <i>10 mins</i>	19
9	Summary and next steps	Summarise actions and decisions. Look ahead to August PSG.	Information	Chair and Secretariat	15:20-15:25 <i>5 mins</i>	35
	Attachments	Attachment 1: Programme Initiation Document (PID)				

Minutes and Actions Review

DECISION/INFORMATION: Approve June minutes. Update on open actions, closing where appropriate

Chair and Secretariat

5 mins



Minutes and Actions Review

1. **Approval of Minutes** from PSG 08 June 2022 ([PSG Meeting Minutes - 08 June 2022](#))
2. **Open Actions and Actions from PSG 08 June 2022**
 - Actions will be discussed by exception. Please review the action updates ahead of the meeting

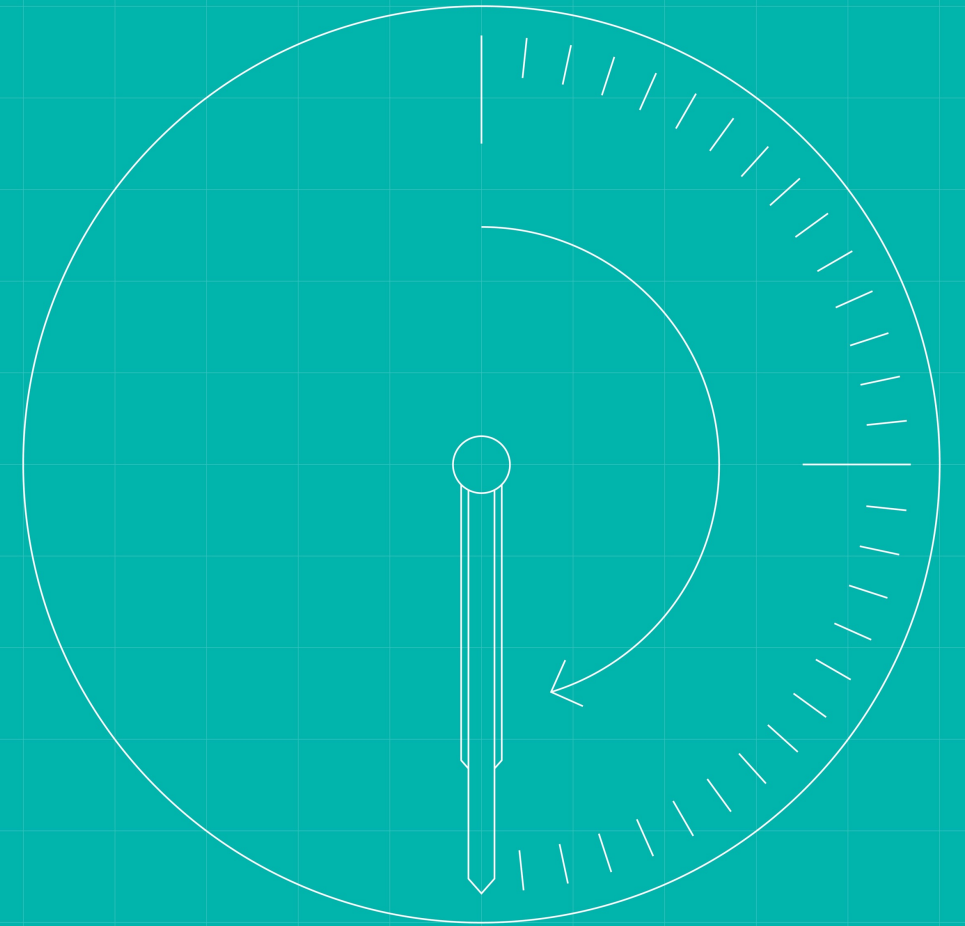
Ref	Date	Action	Owner	Due Date	Status	Latest Update
PSG01-06	10/11/2021	Programme to provide a more detailed understanding of the transition (<i>programme</i>) plan to Programme Participants.	Programme PMO	Qtr2 2022 (part of rebaselining exercise)	Open - ongoing	This action will remain open until the re-plan. Information will be provided as part of the rebaselining activities. An interim plan walk through is planned through the next MHHS webinar.
PSG07-01	04/05/2022	Communicate M5 Acceptance Criteria to Programme Participants	Programme	01/06/2022	Recommend closed	M5 Success Criteria has been shared with DAG and is detailed in the fortnightly design status report
PSG08-01	08/06/2022	Share Planning working group attendees with PSG members	Programme (PMO)	09/06/2022	Closed	Shared with June PSG Headline Report
PSG08-02	08/06/2022	Update CR007 as discussed in PSG. Raise for impact assessment	Programme (Jason Brogden, PMO)	10/06/2022	Closed	Raised for Impact Assessment on Friday 10 June. Outputs for discussion in July PSG
PSG08-03	08/06/2022	Action CR008 (e.g. updates to governance framework)	Programme (PMO)	15/06/2022	Closed	Actioned with updates to be shared in the Clock 15 June 2022
PSG08-04	08/06/2022	Ensure all individual Change Request Impact Assessment responses are available to Programme Participants via the portal	Programme (PMO)	15/06/2022	Open - ongoing	Action in progress. Impact Assessments to be published on the portal by 01/07/22
PSG08-05	08/06/2022	Address comments received on the Benefits Realisation Plan (for example consequential impacts/dis-benefits and providing a more quantifiable measure under the MPAN success criteria)	Programme (Jason Brogden)	To be aligned to next control point	Open - ongoing	To be addressed at next control point
PSG08-06	08/06/2022	Add a 'forward look' to the L3 Advisory Group Dashboard	Programme (PMO)	06/07/2022	Recommend closed	Agenda roadmaps added to July PSG dashboards
PSG08-07	08/06/2022	Re-issue the PSG slide pack with updates	Programme (PMO)	09/06/2022	Closed	Shared with June PSG Headline Report

M5 plan update

INFORMATION: Provide an overview of the revised plan to complete and baseline the MHHS Design

Warren Fulton

15 mins



Introduction

Following the communications to the Design Advisory Group (DAG) and the Programme Steering Group (PSG) on 8 June, the MHHS Design delivery has undergone a replan.

This means that the Tranche 4 Artefacts, along with any updated Artefacts from earlier tranches, will be issued for review during July and August. The period for industry feedback will start in September, and we are looking to baseline the design by 31 October 2022.

The revised schedule and approach has considered lessons learned from Tranches 1-2, as well as feedback received from industry consultations.

The quality of the design is central to the success of the Programme. Whilst most if not all the Artefacts will be released in July, after careful assessment it was decided to include a one-month contingency in recognition of the following risks. This also allows for additional activities to enable Participants to meaningfully engage with the review process and to ensure that all parties involved can meet the milestone.

- Potential additional time required to achieve industry consensus around the design during the Sub-Working Group activity
- Potential resource constraints within the MHHS Design team
- Resource constraints for Participants to review material during the August holiday period

We are also enhancing the design process:

- Design Artefacts to be available as soon as they are ready
- Targeted signposting for participants
- Improved usability of the MHHS Portal to improve participant experience
- Enhanced change control and tracking
- Design playback sessions and participant support

We are confident that these changes will enable the Programme to reach consensus across the industry and that the revised timeline provides the opportunity for meaningful review and engagement, ensuring quality in the MHHS Design.

It is important to note that the Transition design will not be delivered as a part of Phase 1 because it is dependent on the thinking around the Migration approach which is currently underway. The expectation is to deliver the Transition design by the end of the year and a plan will be produced for this in due course.

The Independent Programme Assurance (IPA) provider reviewed the replan, and the approach and Plan on a Page has been discussed with Ofgem and DAG.

A formal change request will be raised shortly. Please find more information on the Change Control process on the Programme website:
<https://www.mhhsprogramme.co.uk/change-control>

In the meantime, the Design team is working to this schedule and a detailed Working Group schedule will be available on the Portal shortly.

The completion of the remaining elements of the Design and baselining of the Artefacts has been split into two phases:

PHASE 1 Develop and share

Objectives

- Complete Tranche 4 Artefacts
- Resolve Tranche 1-3 design issues
- Internal end-to-end review of the Design
- Agree post M5 work-off plan if required
- Prepare industry for Phase 2 (what, how, when)
- Issue Artefacts for industry review
- Conclude a 'regulatory code drafting prototype' exercise

Dependency

- Transition design is dependent on the Migration design. The Transition design will not be delivered as a part of Phase 1 because it is dependent on the thinking around the Migration approach which is ongoing. The expectation is to deliver the Transition design by the end of the year and a plan will be produced for this in due course.

PHASE 2 Industry comment, Refine, Baseline

M5

Objectives

- Register comments received from Participants following their review of Artefacts
- Review comments and propose amendments to Artefacts
- Agree amendments with Participants and update Artefacts
- Manage and report on Artefact change control and comment traceability
- Agree post M5 work-off plan if required
- Document evidence to support the M5 Baseline decision
- Obtain the M5 Baseline decision

Dependency

- Obtain satisfactory assurance reports from the Lead Delivery Partner Systems Integrator and the Independent Programme Assurance (IPA) provider

Assumptions

It is assumed that there will be a very high number of comments and clarification requests from Participants for two reasons:

- Engagement from previously non-engaged Participants
- Participants undertaking their end-to-end review

The following changes are being implemented following lessons learnt from earlier tranches and industry feedback:

PHASE 1 Develop and share

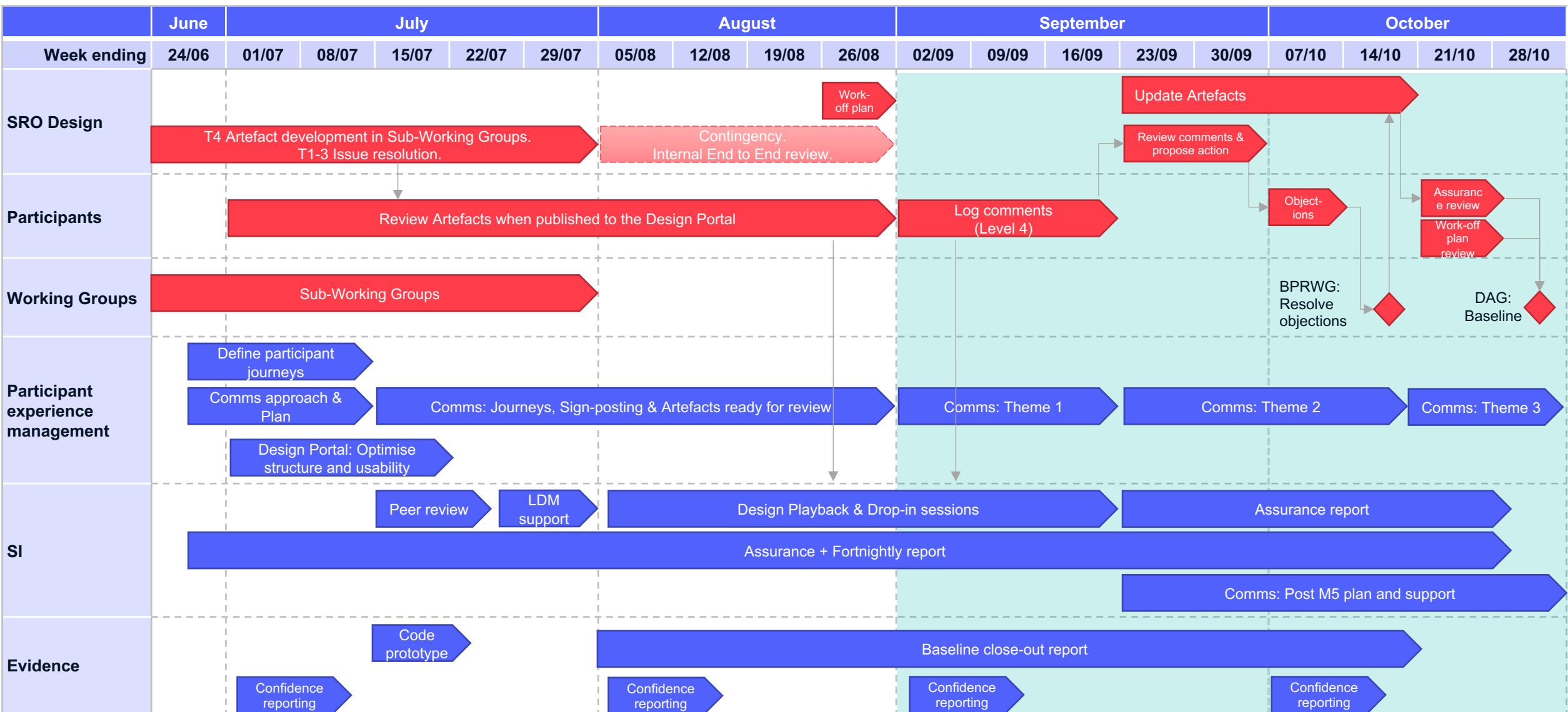
- 1. Working Group governance**
Enhanced Working Group meeting governance to optimise meeting productivity
- 2. Progress and RAID visibility for Participants**
Increased visibility of progress reporting and the RAID for Participants
- 3. Dissensus process**
A new 'dissensus' process to accelerate the resolution of non-consensus and enhance the transparency of the decision-making process

PHASE 2 Industry comment, Refine, Baseline

M5

- 1. Time**
Artefacts will be released as-and-when they are ready for review during July and August (rather than at the same time). The period for formal commenting will commence in September and has been increased from two to three weeks
- 2. Signposting**
Signposting to key Artefacts and design points to simplify participant navigation of Artefacts
- 3. Portal usability**
Improved usability of the Portal to improve participant experience
- 4. Opportunity to object to proposed changes to Artefacts**
A new process step has been introduced, whereby material changes to Artefacts are first agreed at a Business Process Requirements Working Group (BPRWG) meeting before being implemented. Non-consensus will follow the dissensus process for swift resolution
- 5. Artefact and comment change control**
Increased visibility of Artefact changes (redline) and tracking of comment and issue resolution
- 6. Playback and support**
Design Playback sessions to support previously non-engaged and Drop-in sessions to support clarification queries

M5 Design baseline - Plan on a Page (v1.0)



Phase 2

M5 – Key risks – Phase 1

Risk	Impact	Mitigation
1.1 Not achieving consensus in sub-working groups / Working groups	Not achieving consensus will result in additional sub-working groups to resolve the issues, and will delay Phase 2	<ul style="list-style-type: none">• Implemented a new 'dissensus' process and register to increase visibility of key decisions to be made• Take dissensus to BPRWG and DAG (if required) for decision• Enhance Working Group meeting governance to improve meeting productivity
1.2 Design resource capacity	Certain resources are the critical path	<ul style="list-style-type: none">• Contingency has been included in the schedule• Daily stand-up to track and manage capacity according to schedule

M5 – Key risks – Phase 2

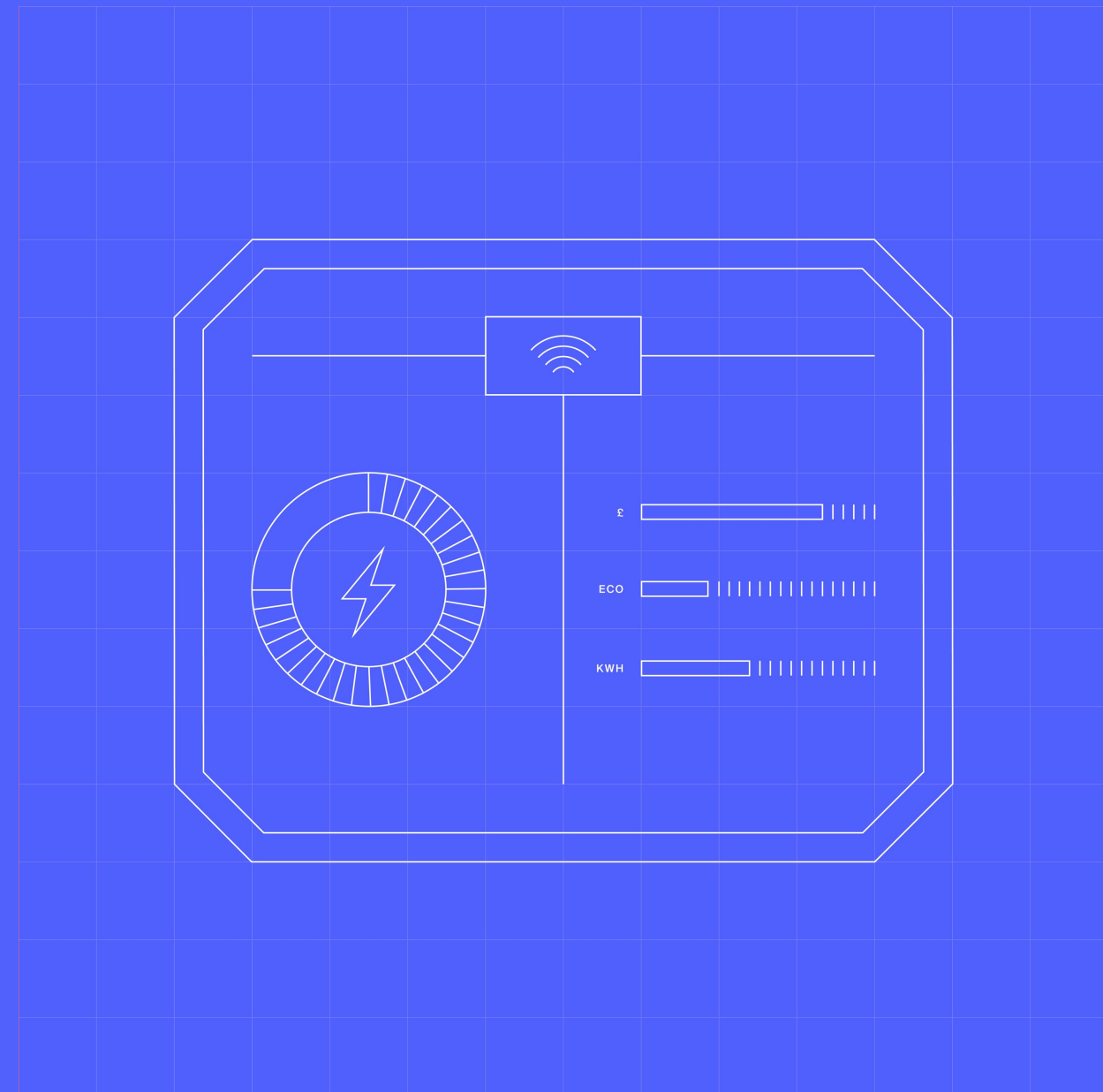
Risk	Impact	Mitigation
2.1 Industry acceptance of phase 2 timelines	Industry may request more time to review Artefacts due to (1) Aug holidays and (2) End to End review	<ul style="list-style-type: none"> The Participant comment phase has been moved to September Participants will have access to the bulk of the Artefacts in July and August (released as and when they are ready for consumption) The review period has been increased 2 to 3 weeks We may stand-down other Working Groups during the 3 week commenting period to free Participants to allocate resources
2.2 Number of comments received	The volume of comments from previously non-engaged, and Participant E2E reviews may exceed expectations and require more time for the Design Team to process	<ul style="list-style-type: none"> Use Playback session to reduce clarification comments from previously non-engaged Participants Use Drop-In sessions to reduce clarifications comments Implementing enhanced change control processes
2.3 Time for the Design Team to address comments	The additional time required due to the new process step to <u>document actions before updating Artefacts</u> may take longer than expected	<ul style="list-style-type: none"> Implementing enhanced change control processes Allocating additional support for SME's to assist with drafting responses Recruiting a dedicated resource to manage change control
2.4 Time to resolve conflicting Participant comments	There may be large numbers of conflicting views on certain design points. Reaching consensus could affect timelines.	<ul style="list-style-type: none"> A new process step has been introduced, whereby material changes to Artefacts are first agreed at a BPRWG before implemented A Dissensus register and process has been implemented Working Group meeting governance is being enhanced to ensure key decisions are tabled appropriately and decisions are recorded accurately
2.5 Maintaining end-to-end design integrity	The E2E design may lose integrity due to the potential variety/volume of requests for change from industry	<ul style="list-style-type: none"> Participants will have the opportunity to object to changes before they are implemented – as per new approach Enhanced Artefact change controls are being implemented and will be managed by a dedicated resource The SI will assure comment responses and Artefact changes An Internal End-to-End review will be completed in Phase 1

Decision on CR007

DECISION: Review outputs of Impact Assessment for CR007. Make a decision on next steps for the Change Request.

Keith Clark

15 mins



Headlines from CR007 Impact Assessment

- **A significant majority of respondents supported the request to** move M3 to a date 2 months after the approval of M5 for parties other than Elexon's Central System and DCC in line with the IPA recommendation and as directed by Ofgem for Change Request CR001. This also defined the conditions required to be met for M3, as actioned on the MHHS Programme at the Programme Steering Group.
- The overall response rate for CR007 (18%). **In total, 21 respondents supported the change, 6 respondents rejected the change and 3 respondents abstained.**
- Specifically, **9 respondents agreed with the change with unqualified support.**
 - Several respondents noted they are already mobilised and therefore the change has no impact on their ability to deliver on the current schedule.
- **12 respondents supported the change, but highlighted the following considerations:**
 - Specific mobilisation criteria needs greater clarity to ensure sufficient for assessment at RA02
 - The wording of the criterion for programme parties providing the project plan should be reviewed to consider any dependencies on the achievement of M5+
 - An outlook on how the proposed 2-month window and playback period will be utilised should be formalised to drive more understanding and participant engagement
 - Support for the change on the assumption that there are no additional steps involved in achieving M3 as a result of the delay
 - In the event of M5 being moved again, programme parties would expect M3 to move in line with the change to M5, i.e. 2 months after M5
 - MHHS Implementation Plan should be a pre-requisite on DB readiness - in particular, being able to support consumers who are being settled HH to allow CoS.
- **6 respondents rejected the change:**
 - M3 should be moved to a date at least 3 months after the approval of M5 to provide sufficient time for parties to digest and plan activities once we have design certainty
 - As per the 'Start of Detailed Design' mobilisation criteria, the detailed design phase does not immediately follow mobilisation and additional factors would also need to be considered prior to this stage initiation e.g. consequential change
 - The proposed mobilisation criteria are too prescriptive and too focused on the start of the DBT phase, rather than on whether a party will be able to achieve M9 and readiness for SIT. The introduction of prescriptive requirements that need to be met for participants to be considered "fully mobilised" for M3 will constrain participants and remove the flexibility that alternative business models allow.

CR007 Submitted Impact Assessments

Programme Parties	CR007 Recommendations				Market Share			
	Yes	No	Abstained	Not Replied	Yes	No	Abstained	Not Replied
Large Suppliers	1	4	-	-	18%	82%	-	-
Medium Suppliers	1	-	-	5	20%	-	-	80%
Small Suppliers	1	-	-	33	0%	-	-	100%
I&C	3	1	1	36	36%	17%	0%	47%
DNOs	4	-	-	2	79%	-	-	21%
iDNOs	3	-	-	10				
Ind. Agents	2	-	-	46				
Supplier Agents	-	-	-	5				
S/W Providers	2	1	-	-				
National Grid	1	-	-	-				
Code Bodies	1	-	1	1				
Consumer	-	-	-	1				
Elexon (Helix)	-	-	-	1				
DCC	1	-	-	-				
SRO / IM & LDP	1	-	-	-				
IPA	-	-	1	-				

- Market Share information is according to the latest Meter Point Administration Number (MPAN) data held by the Programme as at June 2022. Market Share has not been provided for constituencies where MPAN data is not currently available.
- The classification of Independent and Supplier Agents is maintained by the Programme Party Coordinator and is subject to change.

Rationale for being marked down as 'abstained'

- One respondent declined to formally respond
- One respondent stated CR007 has no impact on their activities and therefore did not formally respond
- One respondent highlighted the conditions required to be met for M3 are not applicable to them.

CR007 Impact Assessments – Programme Participant views on the proposed approach (Page 1 of 2)

Programme Parties	Range of respondents' views on benefits and concerns (related to the approach in CR007)
Large Suppliers	<ul style="list-style-type: none"> + Support the intent of and the need for CR007 to establish a new and appropriate date for the M3 milestone - To meet the minimum conditions as set out within CR007, M3 can take effect no sooner than M5+3 months. Otherwise, the programme must take set more realistic minimum conditions that programme parties are expected to meet at M3 - The proposed mobilisation criteria are too prescriptive, and too focused on the start of the DBT phase rather than on whether a party will be able to achieve M9 and readiness for SIT. The introduction of prescriptive requirements that need to be met for participants to be considered “fully mobilised” for M3 will constrain participants and remove the flexibility that alternative business models allow - It is not reasonable to expect parties to develop a resource plan at M3 to deliver the high-level project plan when that plan is still subject to change - Expecting parties to mobilise when the design has not been baselined or to have a delivery plan when the MHHS Programme Plan has not been approved increases the risk of ‘regret spend’ - The new M5 delivery will not include the transition and migration processes and these are not scheduled to be delivered until the end of the year. The transition changes will form a significant part of Programme Participants’ changes and it simply won’t be possible to define an appropriate resource schedule and delivery plan until the changes required to deliver the transition and migration processes are baselined
Medium Suppliers	<ul style="list-style-type: none"> + The one respondent agreed with the change with unqualified support
Small Suppliers	<ul style="list-style-type: none"> + The one respondent agreed with the change with unqualified support
I&C	<ul style="list-style-type: none"> + One respondent highlighted they are unlikely to have a full business case approved until 3 months after M5, in line with their internal approval process. However, a waterfall approach will ensure sufficient progress is made with the ‘design’ portion of the design and build phase before approval of the full business case - Not supportive of the inclusion of ‘Start of Detailed Design’ within the mobilisation criteria. The detailed design phase does not immediately follow mobilisation and additional factors would also need to be considered prior to this stage initiation e.g. consequential change
Agents	<ul style="list-style-type: none"> + Respondents unanimously supported the overall recommendation to approve the change - MHHS implementation plan should be a pre-requisite on DB readiness. This will help support consumers who are being settled HH to allow CoS. Having consumers onboard with HH settlement well ahead of the transition will only aid the programmes objectives

CR007 Impact Assessments – Programme Participant views on the proposed approach (Page 2 of 2)

Programme Parties	Range of respondents' views on benefits and concerns (related to the approach in CR007)
DNOs	<ul style="list-style-type: none"> + Respondents unanimously supported the overall recommendation to approve the change + Support the rationale to change M3 to be aligned with the recently revised M5 milestone (Physical Baseline Delivered) and the formalisation of the M3 readiness guidelines and activities – One respondent requested consideration of the possibility that M5 may move to 31-Oct-22. In the event of M5 being moved, the respondent would expect M3 to move by 2 months
iDNOs	<ul style="list-style-type: none"> + Respondents unanimously supported the overall recommendation to approve the change
S/W Providers	<ul style="list-style-type: none"> + Agree in principle with the milestone and the related benefits + Support CR007 on the assumption design and build phase will continue to be at least 12 months in duration – One respondent does not believe that detailed design can commence at M3. Consequential changes will have a significant impact on the detailed design and, as yet, there is no clarity regarding when consequential changes will be defined by industry – A plan for Consequential Change is necessary and that it should be suitably reflected in the wider MHHS Programme plan
National Grid	<ul style="list-style-type: none"> + NGENSO agreed with the change with unqualified support
Code Bodies	<ul style="list-style-type: none"> – The request the wording of the criterion for Programme Parties providing the project plan is reviewed to consider any dependencies on the achievement of M5+
Consumer	<ul style="list-style-type: none"> ▪ Did not respond to Impact Assessment
Elexon (Helix)	<ul style="list-style-type: none"> ▪ Excluded from Impact Assessment
DCC	<ul style="list-style-type: none"> + Supportive of CR007 on the basis that it allows the programme to maintain compliance and is aligned to the Ofgem decision on the previous change proposal, CR001. – Consideration should be given to the volume of change requests this close to the E2E replanning activity and whether they are needed
SRO / IM & LDP	<ul style="list-style-type: none"> ▪ The request for Impact Assessment of CR007 was issued on the basis that the M5 milestone date is at end of July 2022 and the M3 milestone date is at the end of September 2022. SRO / IM & LDP recognise that if the M5 milestone is to move, M5+2 would need to be revised as more activities could be delivered before M5 than currently forecast in the Interim Plan
IPA	<ul style="list-style-type: none"> ▪ Agree with the principle of moving the M3 but this should be done in conjunction with the move of the M5 milestone

Programme responses to Impact Assessment commentaries

Supportive Participants who responded with highlighted considerations	Programme team's view and / or suggested next steps
Specific mobilisation criteria needs greater clarity to ensure they are sufficient for assessment at RA02	See our proposal for next steps, which reduces and simplifies the requirements for M3
We do need to see an outlook on how the 2 months will be utilised and how the playback period will be utilised to drive more understanding and engagement	See our proposal for next steps, which provides greater clarity on how Participants' consumption of the design will be supported
Support for the change on the assumption that there are no additional steps involved in achieving M3 as a result of the delay and that there is appropriate changes made to extend the duration of the phase to reflect the existing 12-month period	See our proposal for next steps, which reduces and simplifies the requirements for M3, and leaves open the explicit opportunity to re-assess the existing 12-month period for Participant DBT
The wording of the criterion for programme parties providing the project plan should be reviewed to consider any dependencies on the achievement of M5+	<p>We do not see any specific reason why Participants' initial and high-level project planning cannot be conducted alongside any programme re-planning. In fact, Participants' own planning will provide them with a good basis for informed consultation on the proposed re-baselined programme plan</p> <p>However, we do agree that Participants should be in possession of the proposed programme plan, for the start of consultation, before Participants can complete their high-level plans - see our proposal for next steps</p>
In the event of M5 being moved again, programme parties would expect M3 to move again accordingly and in line with the change to M5, i.e. two months after M5	See our proposal for next steps, which outlines our view on the dependency between M5 and M3
MHHS implementation plan should be a pre-requisite on DB readiness - in particular, being able to support consumers who are being settled HH to allow CoS	See our proposal for next steps and our answer above. We do not agree that Participants' readiness for DBT depends on the programme plan being re-baselined. However, we do agree that Participants should be in possession of the proposed programme plan, for the start of consultation, before Participants can complete their high-level plans
Unsupportive Participants	
M3 should be moved to a date at least 3 months after the approval of M5 to provide sufficient time for parties to digest and plan activities once we have design certainty	See our proposal for next steps, which re-profiles the approach to reaching M5 and M3. Given that there is now (subject to Change Request) a further 3 months to reach M5, we believe there is opportunity to make the 'ask' for reaching M3 more realistic and achievable
As per the 'Start of Detailed Design' mobilisation criteria, the detailed design phase does not immediately follow mobilisation and additional factors would also need to be considered prior to this stage initiation e.g. consequential change	See our proposal for next steps, which acknowledges that detailed design does not start immediately after M3. Consequential change is a different matter; we expect Participants to use the CCIAG over the coming months to raise and discuss any concerns or clarifications they need, to enable them to define impact on consequentially-impacted systems and processes within their own estates
The proposed mobilisation criteria are too prescriptive and too focused on the start of the DBT phase, rather than on whether a party will be able to achieve M9 and readiness for SIT. The introduction of prescriptive requirements that need to be met for participants to be considered "fully mobilised" for M3 will constrain participants and remove the flexibility that alternative business models allow	M9 and readiness for SIT will be considered via the programme re-baselining activity. It is not relevant for consideration of M9. However, see our proposal for next steps, which reduces and simplifies the requirements for M3 and acknowledges the variation of approaches within differing Participant organisations

Programme proposal: to rescind CR007 and issue one Change Request for changes to both M5 and M3

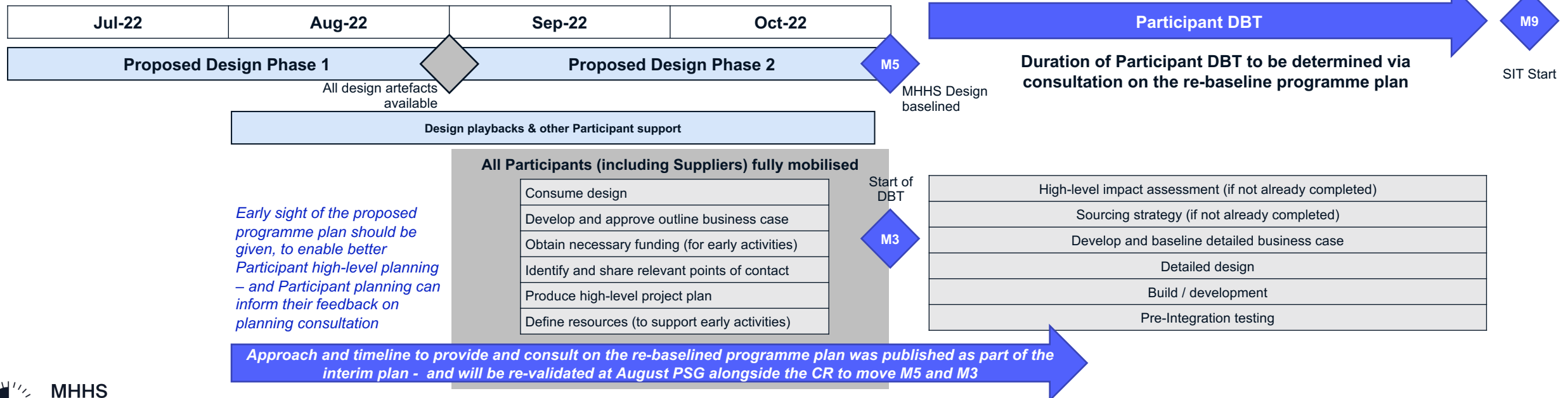
Background

- CR007 was issued on the basis of M5+2
- M5 was planned as 31-Jul-22, with artefacts still being published and reviewed in July
- Suppliers were not expected to be mobilised until 01-Sep-22 (if not already mobilised) due to dependency on the Faster Switching Programme
- IPA recommendation was M5 + 2 so that suppliers could get up to speed on the design (design playbacks, etc.)
- CR007 expected that meeting M5 would require Participants to have mobilised, defined a sourcing strategy and be ready for detailed design – which (based on impact assessments) not all Participants feel is realistic

What's happened since CR007 was issued?

- M5 is expected to move to 31-Oct-22, with artefacts all being available by 31-Jul-22, or at the latest 31-Aug-22
- Suppliers are still expected to be mobilised by or before 01-Sep-22
- There is now opportunity to bring suppliers up to speed on the design before M5 – as they will have all the artefacts within August (latest), meaning that 2 months of playbacks can be done in Sept-22 and Oct-22
- Participant volunteers' views (from the Planning Working Group) are that the early DBT activities for Participants (before detailed design) must include a high-level impact assessment as a prerequisite
- The assumption upon which the IPA's recommendation was based (i.e. M5+2) can now be re-assessed

Based on the changed context, our proposal is to rescind CR007 and issue one Change Request for changes to both M5 and M3 on the following basis:

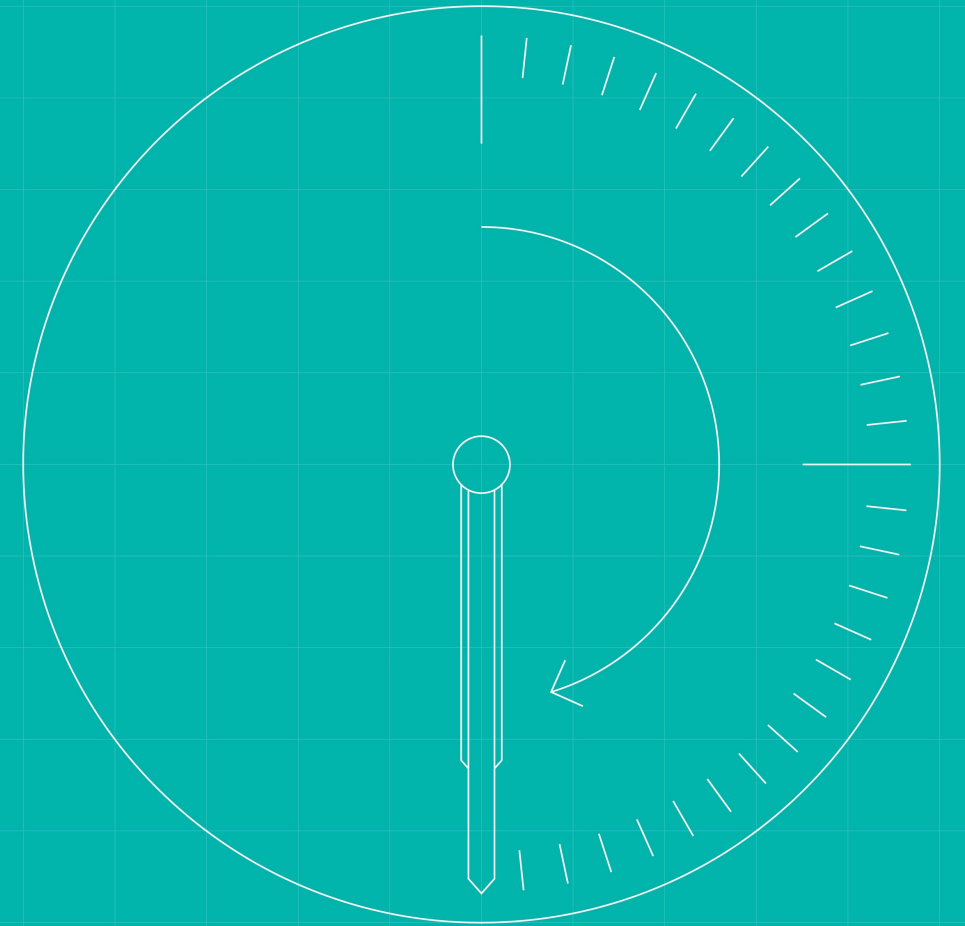


Programme Re-plan

INFORMATION: Update on next steps for the Programme re-plan, including on the migration/transition approach and progress of volunteer working groups

Keith Clark

10 mins



Programme Re-Plan: Update

Planning Volunteer Meetings – Roadmap and Process

Week commencing	6 th June	13 th June	20 th June	27 th June	4 th July (x2 meetings)		11 th July	18 th July	25 th July
Planning Working Group	Set-Up Session <ul style="list-style-type: none"> Share agenda roadmap Ways of working Supporting artefacts (including approach) and expectation for review Walk through MS Project Plan in its current state 	System Design & Build – Session #1 <ul style="list-style-type: none"> PP design digest (including playbacks) PP Design and Build PP PIT 	System Design & Build – Session #2: <ul style="list-style-type: none"> SIT & UIT planning and preparation (including review of Approach & Plans) Process for identifying & confirming SIT participants Data cuts Delivery of test stubs 		Integration & Test – Session #1: <ul style="list-style-type: none"> Overview of code drafting and releases SIT execution <ul style="list-style-type: none"> CIT SIT F SIT NF Migration Testing Operational Testing 	Integration & Test – Session #2: <ul style="list-style-type: none"> SIT execution continued UIT execution <ul style="list-style-type: none"> Qualification Testing E2ET Sandbox 	Migration Period – Session #1: <ul style="list-style-type: none"> Migration readiness Parallel Running & decommissioning 	Early Live Running – Session #1: <ul style="list-style-type: none"> Early Life Support Readiness Assessments Business Readiness Control Points 	Walkthrough of draft re-plan to be issued to industry for consultation
Planning Show & Tells	Overview of progress to date (includes outputs from PWG meetings w/c 6 th June)		Overview of progress since previous Show & Tell (focus on System Design & Build)		Overview of progress since previous Show & Tell (focus on Integration & Test)			Overview of progress since previous Show & Tell (focus on Migration and Early Live Running)	Potential for additional Show & Tell to walk through draft re-plan that will be issued to industry for consultation

Some key points arising from sessions so far

- Participants clarified that high-level design activities are the prerequisite for requirements gathering and detailed design – and provided some details of related activities
- Programme should provide Participants with further clarity on the following information to inform their decision on whether to participate in SIT, including:
 - stages of SIT and whether Participants are required to participate in all stages
 - acceptance criteria for Programme Participants interested in being involved in SIT
 - differences between participating in SIT vs Qualification
 - dates / durations for SIT and Qualification execution
 - Participant groups that will be involved in each stage of SIT and where / when SIT Participants will be expected to engage with other participants in testing
 - An idea of the scale of preparatory activities that Programme Participants will be required to complete to be involved in SIT
- Programme will carry out several pre-requisite activities (e.g., review of the data model, DPIA, liaison with PAB) before the data cuts can be extracted from Programme Participants' systems – this needs to be made clearer in the programme plan

'Homework' for Volunteers – requests for information

- List of sub-tasks for high-level and detailed design
- Length of time needed to stand up environments for testing
- Investigate the assumption that Programme Participants will require a 3-month lead time between receiving a data cut request from the Programme and sharing the data
- Key assumptions that underpin Participants' design, build and PIT activities? (e.g., Participants will have an adequate understanding of the Target Operating Model prior to commencing their design and build activities)
- Key dependencies for Programme Participants to commence / complete their detailed design and build?
- Information Participants require from the Programme to inform their decision on whether to participate in SIT (e.g., Environment Approach & Plan)?
- Sub-tasks Participants undertake as part of planning, post-M3?
 - detailed planning for the immediate next stage of the programme
 - high-level planning for beyond the immediate next stage of the programme
- Sub-tasks Participants will carry out, for:
 - architecture and high-level design?
 - requirements gathering and detailed design?
- Other than guidance documentation and the availability of test stubs, what are the key dependencies for Participants to commence / complete their PIT preparation?
- What key risks / issues can be identified in relation to Participants' design, build and PIT?
- What is the min / max time your organisation will require to complete (1) Design and build, and (2) PIT – and why?

Risks / Issues - agreeing the re-baselined plan

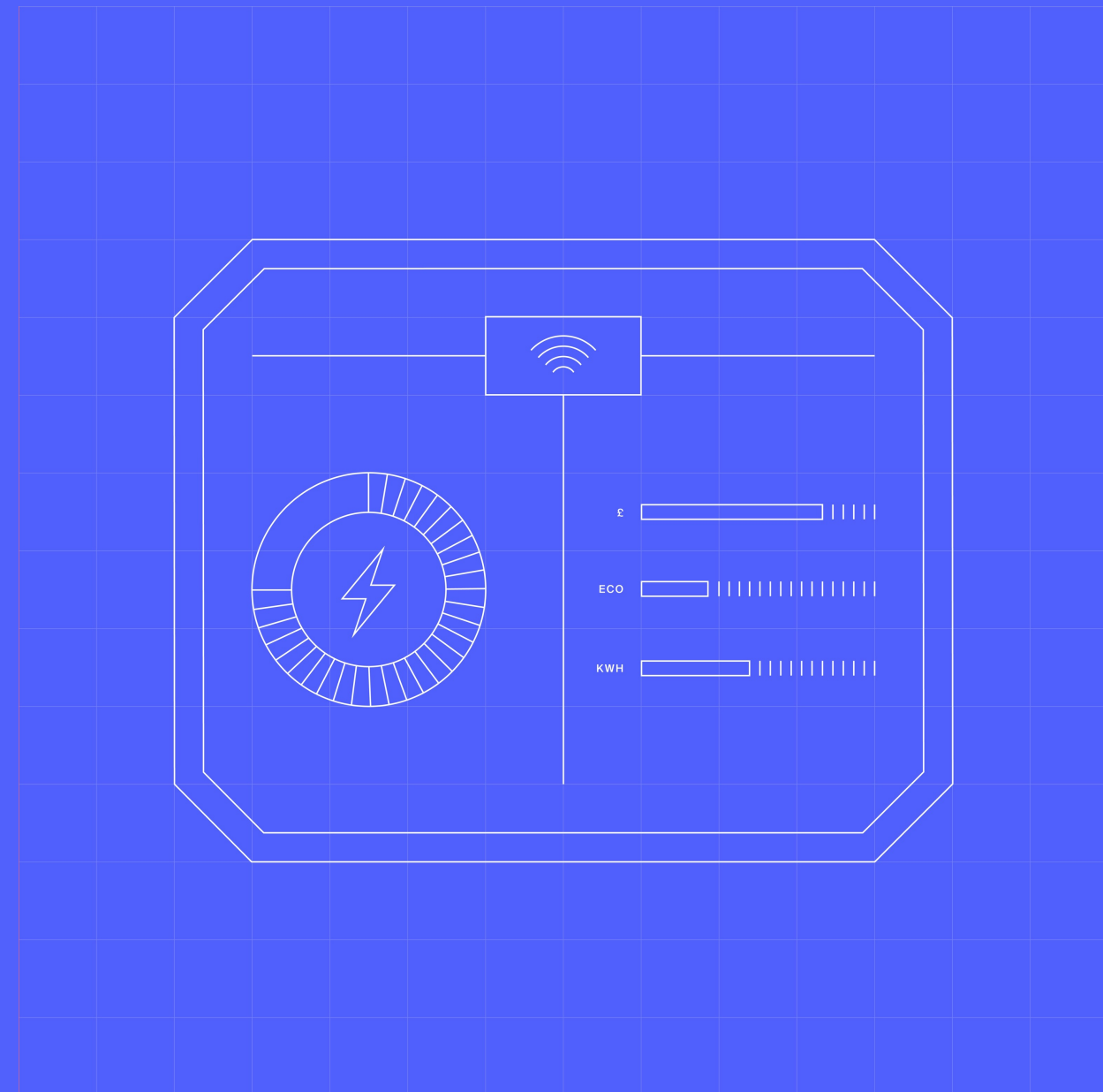
Issue (I036) The existing transition approach, including migration and go-live approach, is currently not achievable.	Actions <ul style="list-style-type: none"> Programme and Ofgem to agree approach in principle Programme to discuss implementation within Migration Working Group and as part of volunteer process
Impact The overall programme end-to-end plan may not be developed fully, as the way in which go-live happens, influences the approach and timings for both SIT and Qualification	
Risk (R180) Some Participants may have limited capacity to engage with plan consultation at the same time as consuming the design	Actions <ul style="list-style-type: none"> Set out a revised interim plan by August PSG and agree this with Participants
Impact (Subject to revised interim plan) the movement of the M5 date may mean Participants consulting on the re-plan at the same time as consuming the MHHS design	

IPA escalation – MP162 approval risk

DISCUSSION: Inform PSG of the risk relating to MP162 approval and agree mitigation actions

Jason Brogden

15 mins



Independent Agents have submitted to the IPA a competition issue for escalation to Ofgem regarding SEC Modification MP162

Escalated Issue	MHHS Programme Risk	Impact if Realised	Mitigation Approach
<p>Independent Agents have presented a view that the current SEC Mod MP162 solution means the new Meter Data Retriever (MDR) role is unable to compete effectively with the existing Import Supplier (IS) role for Smart meter data retrieval</p>	<p>Ofgem do not approve SEC Mod P162 with the currently proposed solution in the currently planned timescales or there is a delay to approval whilst this issue is considered</p>	<p>SEC Mod MP162 solution needs to be revisited to address any reasons for rejecting Mod P162 with subsequent redesign, Impact Assessment, Modification Processing and revised implementation date for SEC Release</p>	<ul style="list-style-type: none"> • IPA to review escalation and provide a view to Ofgem and the Programme on the issue raised and action required to resolve the issue, if any. • MHHSP to discuss implications with SECAS and DCC to prepare for any impact and replanning • DAG to agree position on applying the “level playing field” principle to Mod MP162 on 6th July following Smart Meter Segment Subgroup meeting

DAG discussed the application of the design principle of a “level playing field” into the Mod P162 solution in their extraordinary meeting on 21st June.

A Smart Meter Segment Subgroup (SDS) meeting is to be held prior to the next DAG meeting on 6 July 2022 to discuss options, identify benefits & detriments & present to DAG to enable a firm position to be determined on 6 July.

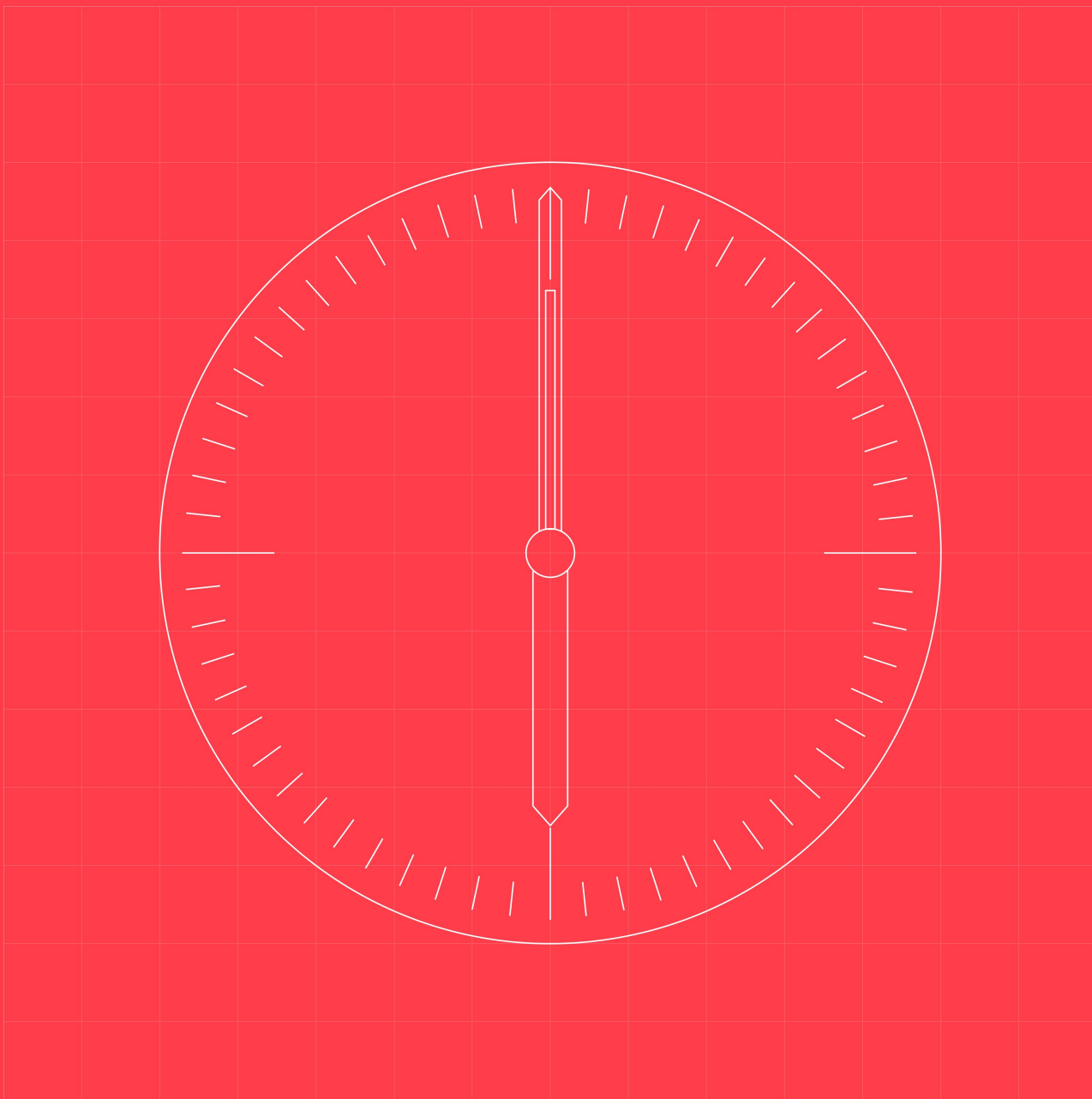
The PSG is asked to discuss the risk above, review the mitigating action and direct on any further action to be taken

PSG pre-meeting webinar feedback

DISCUSSION: Hear feedback from PSG members on the PSG pre-meeting webinar trial

Chair

5 mins



Programme to provide an update on webinar attendance and any feedback received ahead of PSG

Questions for PSG members:

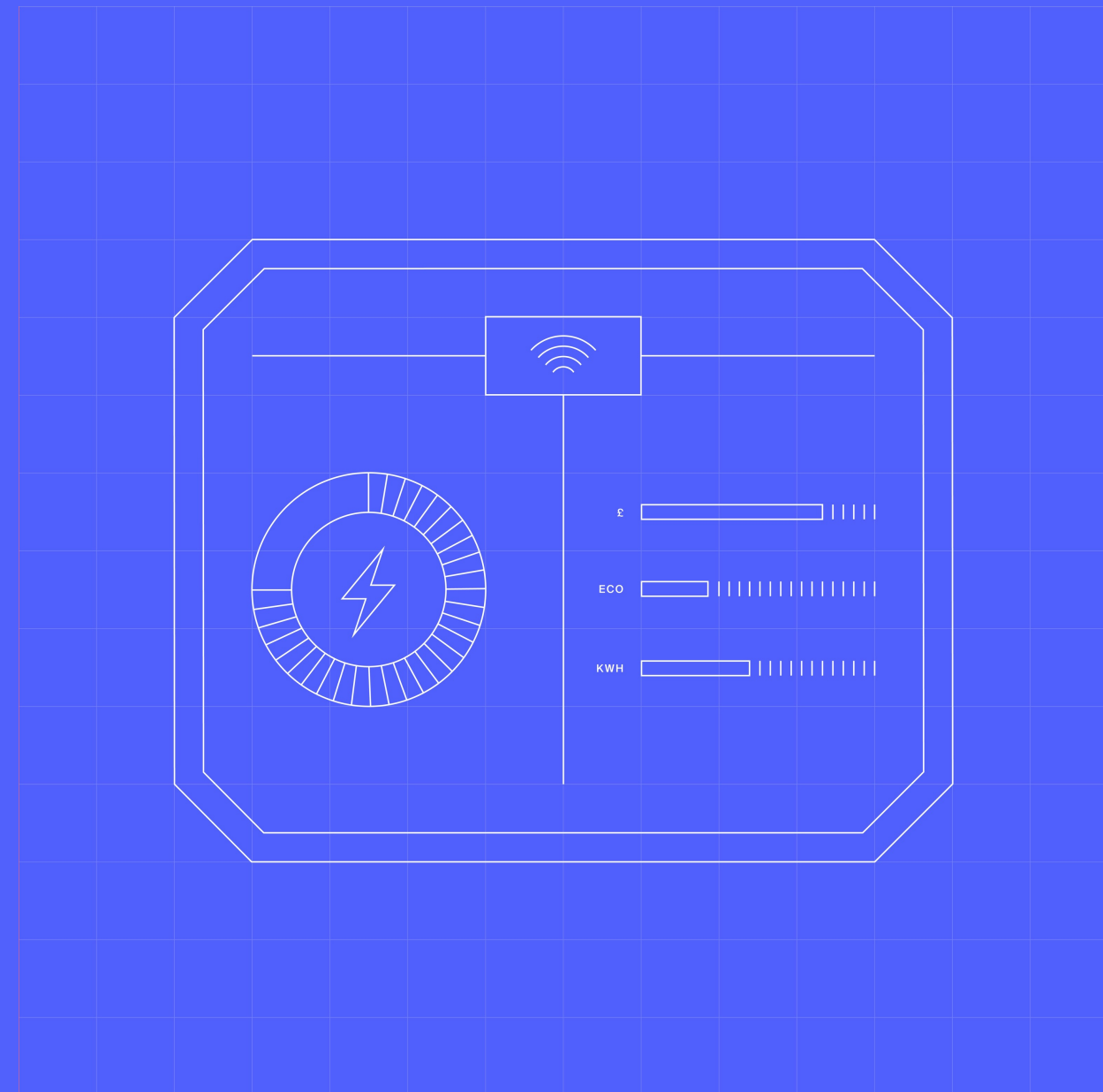
1. Do you or your constituents have any feedback on the webinar (for example, on the delivery method or the content covered)?
2. Given the recording is made available, does a dedicated meeting slot add value?

Delivery dashboards

INFORMATION: Take questions from PSG members, highlighting new dashboards (interim plan report, IPA dashboard and Central Systems delivery plans)

Chair

10 mins



Delivery dashboards - contents

	Title	Purpose	Page
MHSP Programme level	MHHS Milestone Status	Provide an overview of progress against Programme milestones	21
	Interim Plan status report	Provide an overview of progress against the Programme interim plan	22
	Risk Themes	Provide a high-level view of Programme Risks	23-24
	Finance	Provide high-level forecast and actual Central Programme expenditure	25
	Change Control	Update on the status of any Change Requests	26
MHSP workstream level	Design	<i>Please refer to agenda item 3 for this month's design update</i>	N/A
	Level 3 Advisory Group Updates	<ul style="list-style-type: none"> • Update on key discussion items and outcomes from recent Level 3 Advisory Groups • Provide a forward look to future Level 3 Advisory Groups 	27-28
	PPC Overview	Provide information on PPC activity and participant engagement	29
	Data Integration Platform (DIP) Procurement	Provide an update on the progress of the DIP procurement	30
Assurance	Independent Programme Assurance (IPA) dashboard	Provide a progress update on in-flight and future planned assurance activities	31
Industry	Central Party delivery plans	Provide an overview of Central Party plans and progress against them	32-33
	Central Party finances	Provide high level Central Party forecast expenditure against plan	34

MHHS Milestone Status

Red Date has not been met or is expected not to be met

Amber Date may not be met

Green Date expected to be met

Milestone status
Updated to 29/06/22

Level	Milestone		Milestone Date		Status	Path to Green – Actions (& related impacts)	Previous RAG Jun PSG	Current RAG Jul PSG	Forecast RAG Aug PSG
			Baseline	Forecast					
1	M5	Physical baseline design delivered	29-Apr-22	29-Jul-22	<ul style="list-style-type: none"> Tranche 2 was conditionally approved at DAG on 08-Jun-22. Tranche 3 is planned for conditional approval on 06-Jul-22. Tranche 4 is behind schedule. 	<ul style="list-style-type: none"> Overall new schedule for the design delivery plan has been communicated; change request to be issued – and reviewed at August PSG to agree to move M5 to 31-Oct-22. 	Red	Red	Green
	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	CR007	<ul style="list-style-type: none"> Engaged with design activities. 	<ul style="list-style-type: none"> CR007 proposes all parties mobilised for DBT by or before M5+2 – which would be 30-Sep-22 currently (subject to CR007 approval) 	Green	Green	Green
	M3	Design, Build Start (iDNOs)	31-May-22	CR007	<ul style="list-style-type: none"> Considering triggers for DBT start (triggered by design or Code baseline). 	<ul style="list-style-type: none"> CR007 approach to be discussed at July PSG in the context that M5 is likely to move - and proposal for M3 dates will be subsequently re-assessed if / as required 	Amber	Amber	Amber
	M3	Design, Build Start (Agents)	31-May-22	CR007	<ul style="list-style-type: none"> Majority have engaged with design activities. 		Green	Green	Green
	M3	Design, Build Start (Suppliers)	31-May-22	CR007	<ul style="list-style-type: none"> Suppliers generally not yet fully mobilised (with some exceptions), although engagement from many is happening in design activities Confidence in CR007 date is not yet supported by supplier mobilisation plans. 	<ul style="list-style-type: none"> Readiness Assessment 2 is planned to verify status at M3. 	Red	Red	Amber
	M5 + 3	Industry re-plan	29-Jul-22	TBD – to be before end of 2022	<ul style="list-style-type: none"> This milestone not in Implementation Timetable; programme originally suggested re-plan to be agreed 3 months after M5 Proposed 3-month lag after M5 is still to be verified. 	<ul style="list-style-type: none"> Volunteers now engaged in developing 'strawman' plan 'Strawman' plan to be published, for formal consultation Consultation timeline needs to be reviewed as part of revision of interim programme plan – but target is still to re-baseline the plan this year If plan not baselined within 2022, the associated uncertainty is likely to dilute focus on delivering MHHS and cause delivery delays. 	Amber	Amber	Amber
	M4	PMO/PPC/SI/IPA fully functioning	31-Jan-22	06-Apr-22	<ul style="list-style-type: none"> PMO/PPC/SI fully functioning IPA started work; full mobilisation to be completed. 	<ul style="list-style-type: none"> PSG approved IPAF. 	Green	Met	Met
1	M9	Cross-Industry Integration Testing Start	31-Aug-23	TBD	<ul style="list-style-type: none"> Date to be determined during the programme re-planning activity. 	<ul style="list-style-type: none"> Based on programme identified risks, there is a likelihood of pressure on the current date for M9 – this status will remain Amber until validated by programme re-baselined plan. 	Amber	Amber	Amber
1	M6	Code changes baselined	29-Apr-22	28-Apr-23	<ul style="list-style-type: none"> This date is M5+9 and therefore will be affected by any change of M5 date. 	<ul style="list-style-type: none"> CR003 approved Date will be reviewed again during plan re-baselining. 	Green	Amber	Green
	M7	Smart Meters Act powers enabled	31-May-22	31-May-23	<ul style="list-style-type: none"> This date is M5+9 and therefore will be affected by any change of M5 date. 	<ul style="list-style-type: none"> CR003 approved Date will be reviewed again during plan re-baselining. 	Green	Amber	Green
	M8	Code changes delivered	30-Nov-22	TBD	<ul style="list-style-type: none"> As stated in CR003 this date will be delayed and validated by the programme re-plan. 	<ul style="list-style-type: none"> Per CR003 proposal, a change to M8 will be included in the programme re-planning activity after M5. No impact expected. 	Red	Red	Red

Executive Summary
<ul style="list-style-type: none"> Design Delivery: To manage the M5 delivery risk, a proposed revised Design Plan was communicated at the extraordinary DAG held on 21-Jun-22. Tranche 4 artefacts, along with any updated artefacts from earlier tranches, will be issued for review during July and August. Period for industry feedback will start in September, with a plan to baseline the design by 31-Oct-22. This plan will be formalised by a change request to be issued imminently Interim Programme Plan: a revised version of the Interim Programme Plan PoaP will be published to industry to reflect the changes to delivery dates for M5-dependent activities (subject to formal agreement to change the M5 date) and all related programme activities in 2022. In the meantime, a version of the existing PoaP was presented to Programme Participants at the PPC's June webinar (27-Jun-22) to highlight those activities that are dependent on M5 and therefore, may be impacted Programme Plan Re-Baselining: there has been good engagement from volunteers in the Planning Working Group and Planning Show & Tells. Sessions so far have focused on the System Design, Build & test preparation. Development of the draft re-plan continues to progress in line with current timelines Top Delivery Challenges: (1) addressing risks from the Independent Agent escalation to the IPA of the SEC Mod MP162 solution. (2) reaching a conclusion in principle, on how the programme will handle the transition approach (including migration and go-live considerations) to enable re-baselining of the programme plan – supported by clarity on when the transition design will be available

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

Activities due to be completed in July				
Task	Workstream	Baseline date	Forecast date	RAG
Design Documents: Tranche 3	E2E Design Delivery	06-07-22	Remaining artefacts (all tranches) by 31-Aug-22 *	Amber
Virtual iServer rollout guidance sessions	SI Design Assurance / Management	06-07-22	20-07-22	Green
Published draft re-plan for industry consultation (round 1)	Re-plan development and baselining	29-07-22	29-07-22	Amber
DIP - bid reviews and evaluations / BAFO invitations issued	DIP Procurement & Delivery	11-07-22	11-07-22	Green
Security Management Arrangements defined	SI Testing & Data	29-07-22	29-07-22	Green

Activities due to be completed in August				
Task	Workstream	Baseline date	Forecast date	RAG
Industry consultation Round 1 (start)	Re-plan development and baselining	01-08-22	01-08-22	Amber
DIP - dialogue workshops / BAFO submissions deadline	DIP Procurement & Delivery	19-08-22	19-08-22	Green
Completion of Programme Portal delivery	Portal Development & Support	19-08-22	19-08-22	Green

* Subject to Change Request to move M5

RAID ID	RAID Description	Mitigation / Resolution	Resolution Date	Owner(s)	RAG
I036	The existing transition approach, including migration and go-live approach, is currently not achievable.	<ul style="list-style-type: none"> Programme and Ofgem to agree approach in principle Programme to confirm delivery plan for transition design Programme to discuss implementation plan within Migration Working Group and as part of volunteer process 	31-Jul-22	Chris Harden Keith Clark	Red
R0182	There is a risk that Ofgem do not approve SEC Mod P162 with the currently proposed solution in the currently planned timescales or there is a delay to approval whilst the competition issue escalated to IPA from Independent Agents is considered	<ul style="list-style-type: none"> IPA to review escalation and provide a view to Ofgem and the Programme on the issue raised and action required to resolve the issue, if any. MHHSP to discuss implications with SECAS and DCC to prepare for any impact and replanning DAG to agree position on applying the "level playing field" principle to Mod MP162 on 6th July following Smart Meter Segment Subgroup meeting 	31-Jul-22	Jason Brogden	Red

Theme	Description	Mitigation Approach	Previous RAG Status & No. of Items	Current RAG Status & No. of Items
Ability to meet the M5 timetable as planned	The amount of work – due to design complexity and / or ability to continue to attract adequate participant engagement – may cause difficulty in reaching an agreement on the design by end of July-22 (as per current M5 date)	<ul style="list-style-type: none"> Review and revise the Design delivery plan and change the M5 date; a CR will be raised to formally do this Put in place improved tracking and reporting processes for Design delivery, including alignment with confidence indicators and M5 acceptance criteria Assess any potential impacts to M3, the interim plan more generally and on the re-plan; identify and take relevant actions Continue to encourage adequate engagement from all Participants – via the provision (during working groups) of a clear timetable for all artefact pathways to ultimate DAG approvals Communicate the plan to resolve open design issues and report on the status, whilst also utilising the design change and design issue processes to treat 'issues' arising as new items to manage against the established design scope Confirm alignment of the Cross-Code Advisory Group (CCAG) / DAG code drafting expectations Start up the Consequential Change Impact Assessment Group (CCIAG) to discuss any issues with Participants' end-to-end designs Ensure that the SI's design assurance activities and findings capture evidence on how the design fully delivers the TOM Provide a clearer line of sight to Participants, on the Design, and put in place business change activities to support Participants' clear understanding of the design and its impact. 	Amber (11 Risks & 2 Issues)	Red (18 Risks & 3 Issues)
Supplier and Programme participant engagement and mobilisation	Suppliers and Programme participants may not be mobilised early enough to support the forward delivery approach	<ul style="list-style-type: none"> CR001 was approved; IPA recommendation - all remaining un-mobilised suppliers are fully mobilised (for DBT) by or before 30-Sep-22 CR007 impact assessment responses will provide better understanding of Participants' approaches to being ready for their own DBT Potential movement of M5 will allow more time for more M3-related Participant activities by M5 PPC activities (including Readiness Assessment 2) are planned to verify status at M3 Participants need to be engaged on both the Design and the re-planning activities during now and Q4 2022. 	Red (15 Risks & 2 Issues)	Amber (15 Risks & 2 Issues)
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 timetable	<ul style="list-style-type: none"> Seek earliest baselining of the programme plan (i.e. this year); 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"> Engage industry volunteer parties to develop an early 'strawman' plan Issue the 'strawman' plan at the earliest opportunity, for formal consultation, to provide the most time for Programme Parties to review plan timelines in line developing with their technology strategies and impact assessments Undergo rounds of industry consultation to capture all industry feedback possible before approval through PSG (and Ofgem). 	Amber (7 Risks)	Amber (6 Risks)

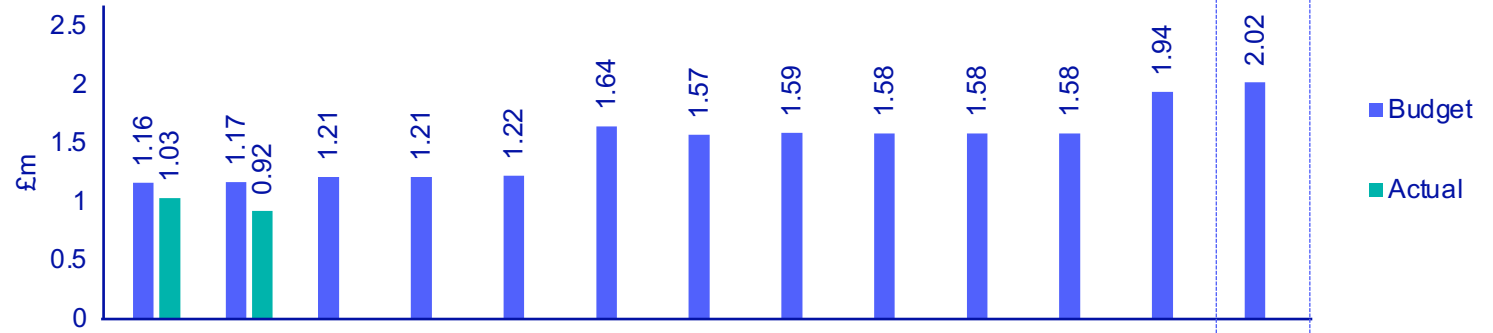
Headline: May Actual was below forecast due to outsourced contracts coming in below forecast.

2022/23 overview

The current year's forecast remains at £19.5M

- The DIP estimate will be validated once the contract is awarded in Sep 2022. This is the key risk to spend this financial year
- The re-plan presents the biggest risk to the overall Programme budget and will be resolved following completion in Q3 22/23
- Due to the uncertainty mentioned above the April & May underspend has been added to the contingency.

2022/23 budget vs actual



	Apr 22	May 22	Jun 22	Jul 22	Aug 22	Sep 22	Oct 22	Nov 22	Dec 22	Jan 23	Feb 23	Mar 23	Contingency	Total
Budget (£M)	1.16	1.17	1.21	1.21	1.22	1.64	1.57	1.59	1.58	1.58	1.58	1.94	2.02	19.47
July PSG Forecast (£M)	1.27*	1.17*	1.18	1.22	1.23	1.61	1.57	1.62	1.50	1.48	1.54	1.73	2.82	19.47
Actual (£M)	1.03	0.92												

- *: forecast for historic months is the forecast as presented at the previous month's PSG
- This dashboard includes MHSP Central Programme costs only. This includes IPA and LDP resource and the DIP

Change Request status

Ref.	Key Detail	Change Raiser(s)	Change Type	Decision	Status	Action <i>If approved</i>	Change Owner(s) <i>If approved</i>
CR001	M5 to July 2022	Jason Brogden	Full Impact Assessment	Ofgem Approved (21/04)	Complete	Updated MHHS Transition Timetable	Jason Brogden
CR002	M5 to November 2022	Emily Wells	Full Impact Assessment	Ofgem Rejected (21/04)	Complete		
CR003	M6 to 9 months after M5 and M7 to 10 months after M5	Lawrence Jones	Full Impact Assessment	Ofgem Approved (18/05)	Complete	Updated MHHS Transition Timetable	Jason Brogden
CR004	Changes to TAG and Governance Framework	Jason Brogden	Housekeeping	Change Board approved (24/03)	Complete	Updated MHHS Governance Framework	Jason Brogden
CR005	Programme Cooperation Principles	Jason Brogden	Full Impact Assessment	PSG approved (04/05)	Complete	Updated MHHS Governance Framework	Jason Brogden
CR006	Changes to DAG and Governance Framework	Fraser Mathieson	Housekeeping	Change Board approved (26/04)	Complete	Updated MHHS Governance Framework	Jason Brogden
CR007	Moving the M3 date to 30 September 2022	MHHS Programme	Full Impact Assessment	<i>Awaiting PSG review and decision (06/07)</i>	Open		
CR008	RECCo membership of PSG, DAG, TMAG	Jonathan Hawkins	Full Impact Assessment	PSG approved (08/06)	Complete	Updated MHHS Governance Framework and Constituency Representatives List	Jason Brogden

Discussion summary from this month’s Advisory Groups

Design Advisory Group (DAG)

Update from DAG 08 June 2022 and Extra-ordinary DAG 21 June 2022

1. **Tranche 4 Update** – The schedule for approval of the T4 design artefacts and delivery of M5 will be delayed. The MHHS Design Team will publish a revised schedule in due course. This will affect other areas of the Programme such as code drafting and the wider replan.
2. **Open Design Issues Management** – The MHHS Design Team have implemented a series of enhanced processes to managed the outstanding comments and issues emanating from the Tranches 1-3 design artefact reviews.
3. **Tranche 2 Approval** – DAG conditionally approved the Tranche 2 design artefacts subject to resolution of outstanding design issues. Further detail is available in the DAG Minutes and Actions.
4. **Level Playing Field Design Principle** – The DAG continue to assess whether Smart Energy Code Modification Proposal 162 is consistent with the MHHS design principles. An ad-hoc Smart Meter Segment Subgroup (SDS) will be held 30 June 2022 to assess in detail the options for ensuring alignment and provide information to DAG upon which a decision can be based.

The 08 June 2022 Headline Report is available [here](#). The 21 June 2022 Headline Report is available [here](#).

Cross-Code Advisory Group (CCAG)

Update from CCAG 22 June 2022

1. **CCAG code drafting M6-M8 plan** – The Programme presented the latest draft of the code drafting plan to M8. The CCAG provided a range of feedback on content of the plan, such as on the durations and approach to certain activities (e.g. transitional text, implementation, review cycles). The Programme has a number of areas to look at in further detail to bring back to July CCAG
2. **Code draft resourcing** – The Programme shared a code drafting RACI and updated resource plan. Some feedback was provided by CCAG members to update
3. **Code drafting principles and approach** – The Programme presented the updated principles and approach following CCAG and DAG feedback. Some further areas were raised to update
4. **Horizon Scanning** – The CCAG reviewed the code modification horizon scanning log. Some updates were provided on existing and new code modifications for the Programme to review further
5. **Code Drafting Working Group** – The first CDWG meeting will be held 30 June 2022. This group will review code drafting and assess alignment to design.

The CCAG Headline Report is available [here](#).

Testing and Migration Advisory Group (TMAG)

Update from TMAG 15 June 2022

1. **Data quality** – The Programme provided an overview of activity at the Data Working Group (DWG) and received feedback from TMAG members on known data quality issues
2. **Migration approach** – The Programme provided and update on discussion from the Migration Working Group (MWG). This included updates made to the principles and outcomes that will be used to inform the Programme’s migration strategy
3. **Qualification working group mobilization** – The TMAG agreed to mobilise the Qualification and E2E Sandbox Working Group at the start of August. This group will address questions related to qualification such as qualification testing and how Programme Participants will qualify
4. **Working Group plan** – the TMAG reviewed the planned working groups under TMAG and provided feedback, such as to map dependencies between groups

The 15 June 2022 Headline Report is available [here](#).

Design Advisory Group (DAG)	Meeting date	06-Jul	20-Jul	27-Jul
	Agenda items	<ul style="list-style-type: none"> Tranche 3 approval 	<ul style="list-style-type: none"> Tranche 4 approval Draft Design Report DIP Procurement Updates/Decisions 	<ul style="list-style-type: none"> MHHS Design Approval Final Design Report DAG Focus Post Design Baseline
Standing items	<ul style="list-style-type: none"> Minutes & actions Governance group updates DAG Design Principles Design Decisions Level Playing Field Principle MHHS Design Dashboard L4 working group report Review of RAID Summary and next steps 	<ul style="list-style-type: none"> Minutes & actions Governance group updates DAG Design Principles Design Decisions Level Playing Field Principle MHHS Design Dashboard L4 working group report Review of RAID Summary and next steps 	<ul style="list-style-type: none"> Minutes & actions Governance group updates DAG Design Principles Design Decisions Level Playing Field Principle MHHS Design Dashboard L4 working group report Review of RAID Summary and next steps 	

Please note, agenda items are draft and subject to change. This includes through any Change Request that may impact Programme timelines

Cross-code Advisory Group (CCAG)	Meeting date	26-Jul	24-Aug	28-Sep	26-Oct	23-Nov
	Agenda items	<ul style="list-style-type: none"> Operational Choreography Approve resource model. RACI and principles and approach Approach to referencing design/iServer Design success criteria Code drafting plan finalised Code drafting prep checklist Design issue process map Approach to transitional text Participant requirements to qualify Post-release plan/change control 	<ul style="list-style-type: none"> M6: Code drafting commences (subject to M5) Post-M5 Replanning Activity (CCAG consultation inputs) Code Drafting Preparation Checklist 'Code draft ready' activity e.g. collate documentation CCAG Status Report draft review Code drafting mgmt processes 	<ul style="list-style-type: none"> Code drafting activity as per code draft plan (to be updated once plan is finalised) – <i>subject to M5 delay</i> 	<ul style="list-style-type: none"> Code drafting activity as per code draft plan (to be updated once plan is finalised) – <i>subject to M5 delay</i> 	<ul style="list-style-type: none"> Code drafting activity as per code draft plan (to be updated once plan is finalised) – <i>subject to M5 delay</i>
Standing items	<ul style="list-style-type: none"> Minutes & actions Governance group updates Horizon scanning log Plan and WG status report Summary and next steps 	<ul style="list-style-type: none"> Minutes & actions Governance group updates Horizon scanning log Plan and WG status report Summary and next steps 	<ul style="list-style-type: none"> Minutes & actions Governance group updates Horizon scanning log Plan and WG status report Summary and next steps 	<ul style="list-style-type: none"> Minutes & actions Governance group updates Horizon scanning log Plan and WG status report Summary and next steps 	<ul style="list-style-type: none"> Minutes & actions Governance group updates Horizon scanning log Plan and WG status report Summary and next steps 	

Testing and Migration Advisory Group (TMAG)	Meeting date	20-Jul	17-Aug	23-Sep	19-Oct	16-Nov
	Agenda items	<ul style="list-style-type: none"> Migration, Cutover & Data Strategy update Qualification update Action TMAG05-01 Dependencies in test stages of E2E Testing and Integration Strategy 	<ul style="list-style-type: none"> Test tools principles Environment plan update Migration, Cutover & Data strategy review Programme re-plan review SIT participants planning 	<ul style="list-style-type: none"> Test tools design Environment plan SIT principles SIT participants planning Qualification principles Review E2E Testing & Integration Strategy 	<ul style="list-style-type: none"> Environment plan approval Programme re-plan review SIT participants planning Sign off of: <ol style="list-style-type: none"> Migration, Cutover & Data Strategy Environment Approach and Plan Test Data Approach and Plan 	<ul style="list-style-type: none"> SIT participants planning Sign off qualification approach and plan
Standing items	<ul style="list-style-type: none"> Minutes & actions Governance group updates Working group highlight report Summary and next steps 	<ul style="list-style-type: none"> Minutes & actions Governance group updates Working group highlight report Summary and next steps 	<ul style="list-style-type: none"> Minutes & actions Governance group updates Working group highlight report Summary and next steps 	<ul style="list-style-type: none"> Minutes & actions Governance group updates Working group highlight report Summary and next steps 	<ul style="list-style-type: none"> Minutes & actions Governance group updates Working group highlight report Summary and next steps 	



Participant mobilisation

- Large suppliers and agents are increasingly active in the Design process.
- Many small/medium suppliers continue to cite FSP and market conditions as reasons to delay engagement.
- Next steps:** The PPC team will assess Participant mobilisation once the new criteria is agreed. The PPC team will continue to ask in about Participants' readiness for DBT in its bilaterals.



TOM and detailed design

- The PPC team has organised **8** sessions for a range of Participants to focus more closely on the Design.
- Participants have found the sessions useful, asking a range of technical questions; the Design team is logging outstanding questions and queries.
- Next steps:** Continue to advertise bespoke Design sessions to Participants in PPC team bilaterals.



Understanding of Software Providers

- The PPC team has mapped **62 / 182** Participants to software providers and has identified **8** software providers critical to the programme.
- Next step:** The PPC team will continue this mapping exercise through its bilateral conversations, to ensure that critical providers are being engaged effectively.



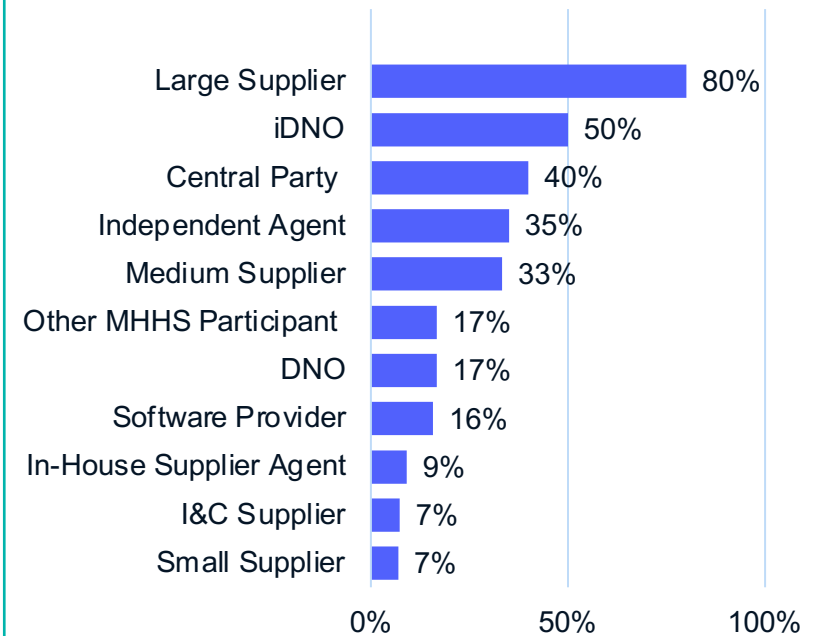
Webinars & Open Days

- The MHHS webinar series has been widely attended with representation from each Constituency at each event. Software providers and I&C suppliers are the most engaged Participants (each making up 21% of recent attendees) with limited attendance from small suppliers (6%), medium suppliers (4%) and iDNOs (4%). Recent feedback indicates 40% of Participants find the series Useful, and 60% find it Somewhat Useful so far.
- Next step:** Consider survey feedback and potential improvements to ensure the series is useful to all Participants.

Participant Engagement by Constituency

The PPC team held/are holding **45** bilateral meetings with Participants this month. The chart below shows the percentage of the Participants of each Constituency the team met.

% Participants met, by Constituency



Summary

- The DIP technical requirements were approved virtually by DAG on 20 May
- The evaluation team comprising SRO Function including Design Team, LDP SI team and Elexon as Enduring Service Owner have finished scoring and are in the process of agreeing a shortlist
- The next stage is to notify shortlisted bidders and invite them to dialogue workshops which will include a proof-of-concept demonstration
- There continues to be a healthy and engaged response from bidders
- The DIP procurement remains on track, and we envisage to award a contract in Q3
- DIP procurement will not change the technical requirements approved by DAG

Key dependencies

- Code changes for the ESO are requiring significant effort, Elexon have agreed to provide the principles for the Enduring Mod to support dialogue workshops and then provide the formal Mod later, before contract award
- Ofgem are proposing that it should follow the SCR Modification route to consult with industry through issue groups

Risks

- Sign off of the DIP contract may be dependent on the Modification being in place – currently don't have a timeline for the Modification process but want to award the DIP contract in September

Next milestone

- 11 July – Programme and BSCCo shortlist bidders
- 29 July – Complete dialogue workshops and proof of concept demonstrations

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

Theme-Based Assurance

Ongoing Embedded Assurance Activities (WP1):

- Independent Programme Assurance Framework (IPAF) - **Approved and baselined**
- Review of Benefits Realisation Plan - **Completed**
- Review of Change Control process - **Completed**
- Critical friend assurance support to MHHSP Design team through DAG process

Stage-Based Assurance

Baseline Assurance Health Check:

- Scope shared with PSG at 8 June PSG meeting (including associated WPs)
- Fieldwork complete - report currently being drafted
- Findings to be shared with MHHSP leadership w/c 4 July for validation and action agreement
- Key findings and agreed actions planned to be shared with PSG at 3 August PSG meeting



Upcoming Assurance Activities

Theme-Based Assurance

- Ongoing Embedded Assurance Activities (WP1)
- Embedded assurance in design re-plan activity (WP3 - Design Documentation) - Jun and Jul 22
- Embedded assurance in programme re-plan activity (WP4 - MHHS Transition Timetable) - Jul to Dec 22

Stage-Based Assurance

- Assure Market Participants' Readiness for Design and Build (WP8) - Aug to Sep 22



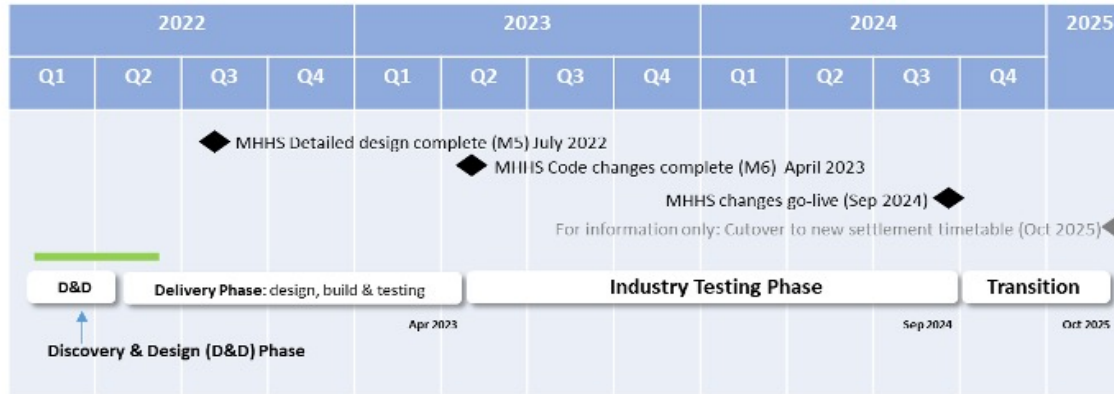
Assurance Action Status: The status of closure of key agreed actions will also be reported in future iterations of the dashboard.

Helix Programme Objectives: To deliver the Market-wide Half Hourly Settlement (MHHS) changes to Elexon's systems and processes ready for MHHS go-live in October 2024.

Overall Status



Programme fully mobilised. Good progress with the early stages of the Delivery Phase. Delays with MHHS design has impacted Helix plans.



Milestone	Baseline Date	Status
Programme mobilised	17/01/2022	Complete
Discovery & Design phase	22/04/2022	Complete
Delivery phase start	20/04/2022	Complete
Delivery phase ends	28/04/2023	Impacted
Industry testing phase starts	01/05/2023	Not Started
Industry testing phase ends	27/09/2024	Not started
Helix changes go-live	30/09/2024	Not started
Transition phase starts	30/09/2024	Not started
Transition phase ends	26/09/2025	Not started

- Programme mobilisation completed 17 January
- The Discovery & Design phase completed successfully on 19 April
- Now progressing the Delivery phase where we are iteratively building & testing the changes for the new MHHS services
- Good levels of progress and collaboration between the programme teams
- The recent programme wide solution demo has shown working software across the teams which is a real indicator of progress
- End of the delivery phase will be impacted by the delays to MHHS requirements & design completion. Impact to timeline and budget will be confirmed via the MHHS re-plan, draft due to complete end July
- In parallel with the Helix Delivery phase we continue to support the MHHS requirements & design activities

	Overall	Schedule	Financial	Quality	Benefits	Resourcing	Risks & Issues	Stakeholder
This Month	G	G	G	G	G	G	G	G
Last Month	G	G	G	G	G	G	G	G

Status Summary

- Change Sub Committee (CSC) concluded. Industry resistance to the overall programme still being encountered.
- REC Programme engaged to manage dependencies on MHHS design.

Next Steps

- Work up a revised End to End plan aligned to a February 2024 implementation.
- Carry out a Portfolio level impact assessment of the revised plan together with an updated cost to risk profile.
- Ensure that stakeholder engagement is maintained during this transition phase from Plan-A to Plan-B.

Milestones / Phases	Forecast Date	RAG
Consultation Period End	23/05/2022	B
Ad-Hoc Working Group	07/06/2022	B
Change Sub-Committee (CSC)	21/06/2022	B
Change Board vote	27/07/2022	G
Ofgem Authority obtained	31/08/2022	G

Decision required today

No decision required.

ID	Description	RAG	Trend	Next Mitigation / Resolution Action	Owner	Resolution Date
R4255	As a result of changing the implementation date from what is currently in the requirements, there is a risk that there are contentions leading to prioritisation by DCC at Portfolio level			1. Carry out a Portfolio level impact assessment of the revised plan together with an updated cost to risk profile.	RMc	May-22

The full DCC POAP is provided in the appendix

Overarching Costs for MHHS Central Parties FY 22/23

£M	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total
MHHS Budget	1.16	1.17	1.21	1.21	1.22	1.64	1.57	1.59	1.58	1.58	1.58	3.96*	19.47
MHHS Actual/Forecast	1.03	0.92	1.18	1.22	1.23	1.61	1.57	1.62	1.50	1.48	1.54	4.56*	19.47
DCC Budget	0	0	0	0	0	0	0	0	0	0	0.52	0.52	1.04
DCC Actual/Forecast	0	0	0	0	0	0	0	0	0	0	0.52	0.52	1.04
Helix Budget	1.02	2.01	1.74	1.95	2.13	2.60	0.59						19.80
Helix Actual/Forecast	0.96	1.98	1.72	1.91	2.11	2.56	0.57						19.80
RECCo Budget	0.06	0.06	0.06	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.45
RECCo Actual/Forecast	0	0	0.02	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.28
Total Budget	2.24	3.24	3.01	3.19	3.38	4.27	2.19						40.79
Total Forecast/Actual	1.99	2.90	2.92	3.15	3.37	4.20	2.17						40.59

Please note:

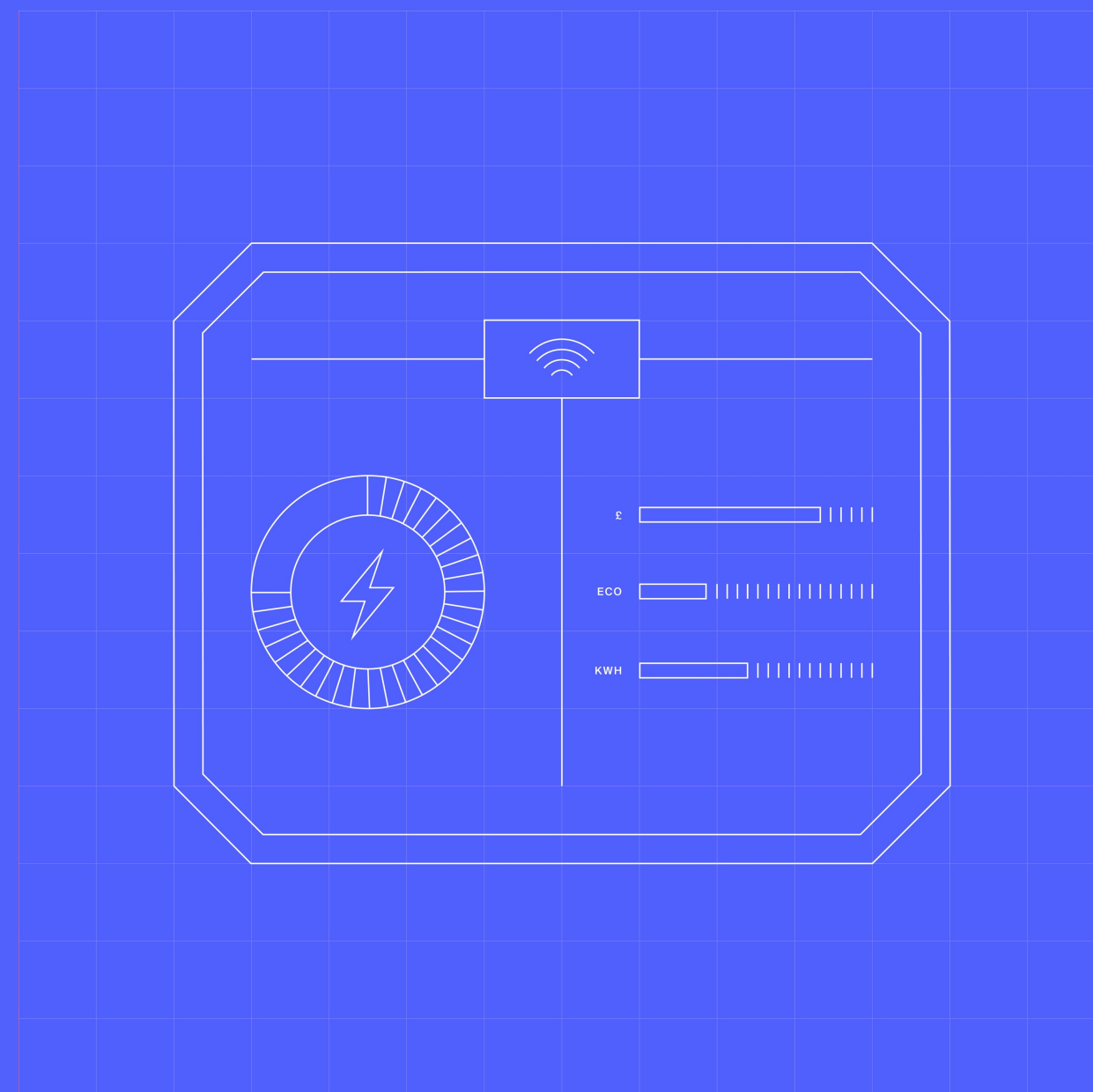
- * : Includes contingency
- RECCo and DCC costs include only 3rd party costs (do not include internal resources)
- RECCo project expenditure not expected until June 2022
- Helix budget is approved to October taking the Programme to the end of PI3
- DCC data subject change when service providers are contracted after Change Board decision.

Summary and Next Steps

INFORMATION: Agree actions. Look forwards to August's PSG

Chair and Secretariat

5 mins



1. Confirm actions and decisions from meeting

2. Date of next PSG: 03 August 2022 1000-1200

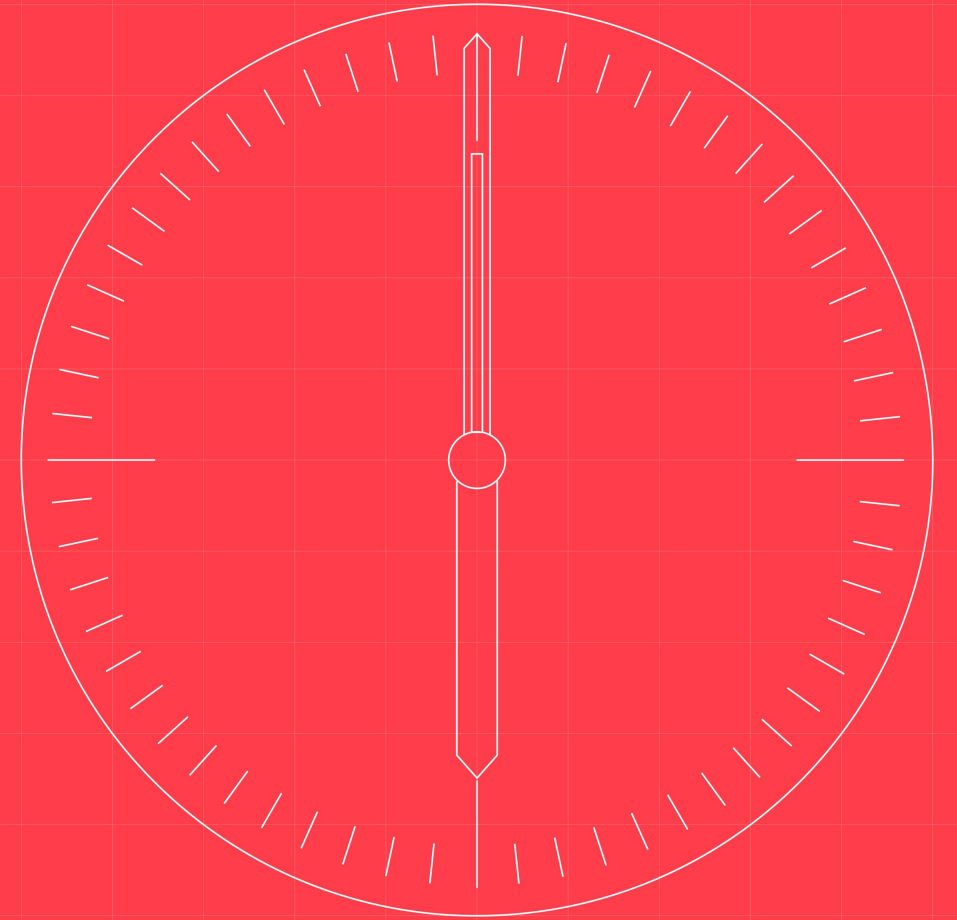
Current agenda items:

1. Minutes and Actions Review
2. Rebaselining of the plan including approach and timeline for providing and consulting on the re-plan
3. M5 and M3 Change Request next steps
4. MP162 approval risk next steps (if required)
5. Programme Dashboards

If you would like to propose an agenda item for the PSG, please contact the PMO at PMO@mhhsprogramme.co.uk

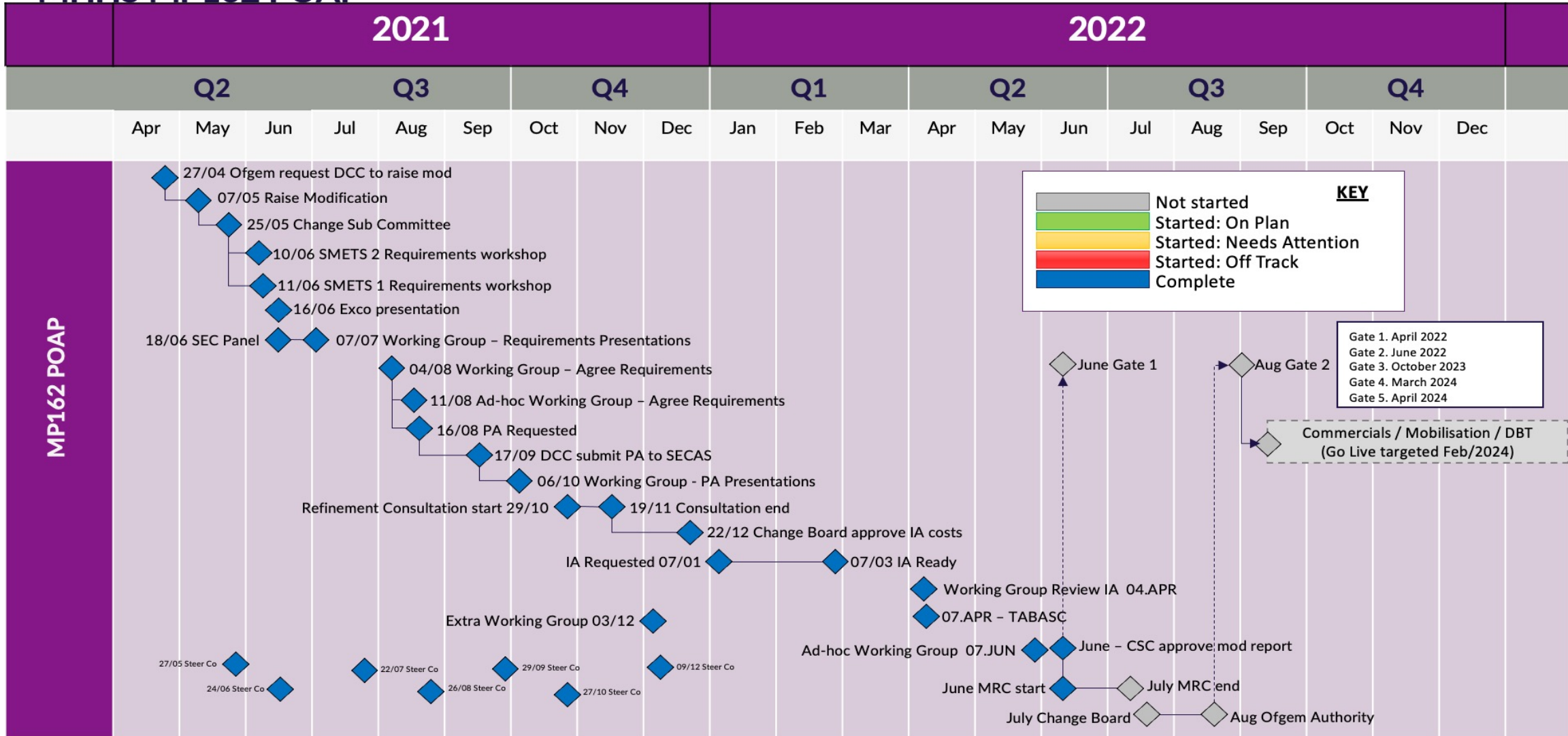
Appendix

- DCC Plan on a Page (to support DCC Progress Report)



MHHS MP162 POAP

DCC Controlled



DCC Controlled

MHHS MP162 E2E Plan on a Page (Work in Progress)

