



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

Programme Steering Group #13

05 October 2022

Version 1.0

MHHS-DEL642

Document Classification: Public

Agenda

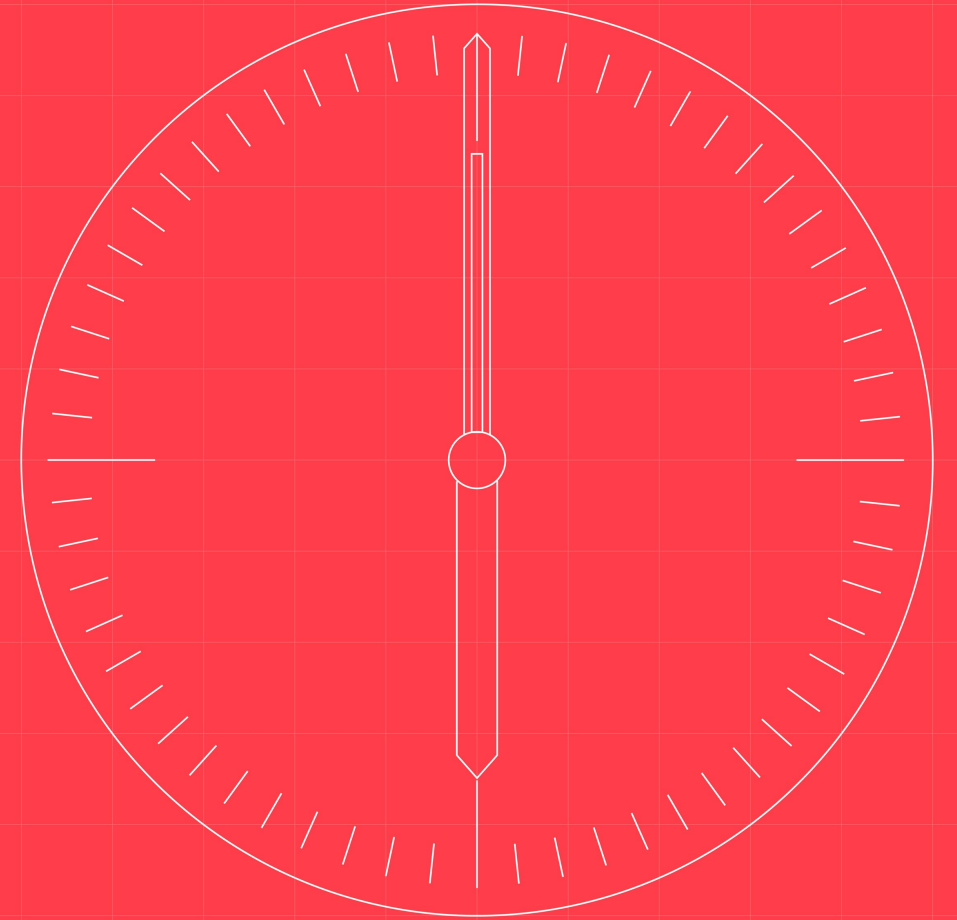
#	Item	Objective	Type	Lead	Time	Page
1	Welcome			Chair	10:00-10:05 5 mins	
2	Minutes and actions review	Approve September minutes. Update on actions, closing where appropriate	Decision	Chair and Secretariat	10:05-10:10 5 mins	3
3	DBT and M3 readiness	<ul style="list-style-type: none"> Hear a view on readiness for DBT in each constituency from Constituency Representatives Identify any themes and actions required ahead of November PSG 	Discussion	PSG Constituency Representatives	10:10-10:30 20 mins	5
		<ul style="list-style-type: none"> Provide an overview of the process and outputs for Readiness Assessment 2 Look ahead to the requirements for the M3 decision at November PSG 	Discussion	Programme (Pete Edwarde, Keith Clark)	10:30-10:45 15 mins	
4	Programme re-plan progress	Update on progress of the Round 2 re-plan consultation and agree next steps	Decision	Programme (Keith Clark)	10:45-10:55 10 mins	9
5	Delivery of Core Capabilities	Discuss the approach for strengthening engagement with providers of core capabilities	Discussion	Programme (Keith Clark)	10:55-11:05 10 mins	11
		Provide an overview of the RECCo delivery plan and progress against it	Information	RECCo Representative	11:05-11:15 10 mins	
6	Key Programme Issues	Review key issues and their next steps <ul style="list-style-type: none"> MP162 – Programme to update on our actions to support resolution of the MDR solution and the capacity solution with any further update from DCC Migration – Programme to update on progress of the migration options 	Information	Programme, DCC Representative	11:15-11:25 10 mins	14
7	Design progress	Provide an update on design status following close of comments window. Share next steps for finalising and signing off the design by DAG at M5	Information	Programme (Warren Fulton)	11:25-11:35 10 mins	16
8	Delivery dashboards	Take questions from PSG members on dashboard content	Information	Chair	11:35-11:45 10 mins	18
9	Summary and next steps	Summarise actions and decisions. Look ahead to November PSG	Information	Chair and Secretariat	11:45-11:50 5 mins	39

Minutes and actions review

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

Chair and Secretariat

5 mins



Minutes and Actions Review

1. **Approval of Minutes** from [PSG 07 September 2022](#)
2. **Open Actions and Actions from PSG 07 September 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
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 Control Point 1 and reported back to PSG after Control Point 1 decision
PSG09-04	06/07/2022	Undertake a 'lessons learned' exercise following resolution of the MP162 approval risk	Programme and relevant parties	Following resolution of MP162 risks	Open - ongoing	Session held 16/09 with Ofgem, SECAS, DCC and MHHSP. Next steps have been agreed
PSG11-01	10/08/2022	Discuss with other Level 3 Governance Group leads if pre-meeting webinars for Level 3 groups would be useful	Programme (PSG chair)	07/09/2022	Open - ongoing	This has been raised at each group with an ask for feedback via reps. There has been limited enthusiasm. <ul style="list-style-type: none"> • TMAG and CCAG have agreed to remain virtual/hybrid • DAG are awaiting final decision
PSG12-01	07/09/2022	Ensure commercial and operational impacts on the market are included in the assessment of migration options being considered in the Migration Working Group (MWG)	Programme (Jason Brogden)	05/10/2022	Recommend closed	Commercial and operational impacts are being passed into the migration options analysis
PSG12-02	07/09/2022	Engage with constituents to determine if they are going to be ready for M3 as per the criteria in CR009 (see key discussion items for full detail on the ask to constituents). Provide a summary at October PSG	PSG constituency representatives	05/10/2022	Open	For discussion under agenda item 3 at October PSG
PSG12-03	07/09/2022	Include the transition design in design reporting to PSG	Programme (Warren Fulton)	05/10/2022	Recommend closed	Updated in October PSG design progress agenda item
PSG12-04	07/09/2022	Provide an indication of the magnitude of items reported in the industry change dashboard (e.g. scale and risk)	Programme PMO	05/10/2022	Recommend closed	Updated in October PSG dashboard. Please note, this dashboard is under development and will continue to be improved as internal consequential change & horizon scanning processes develop

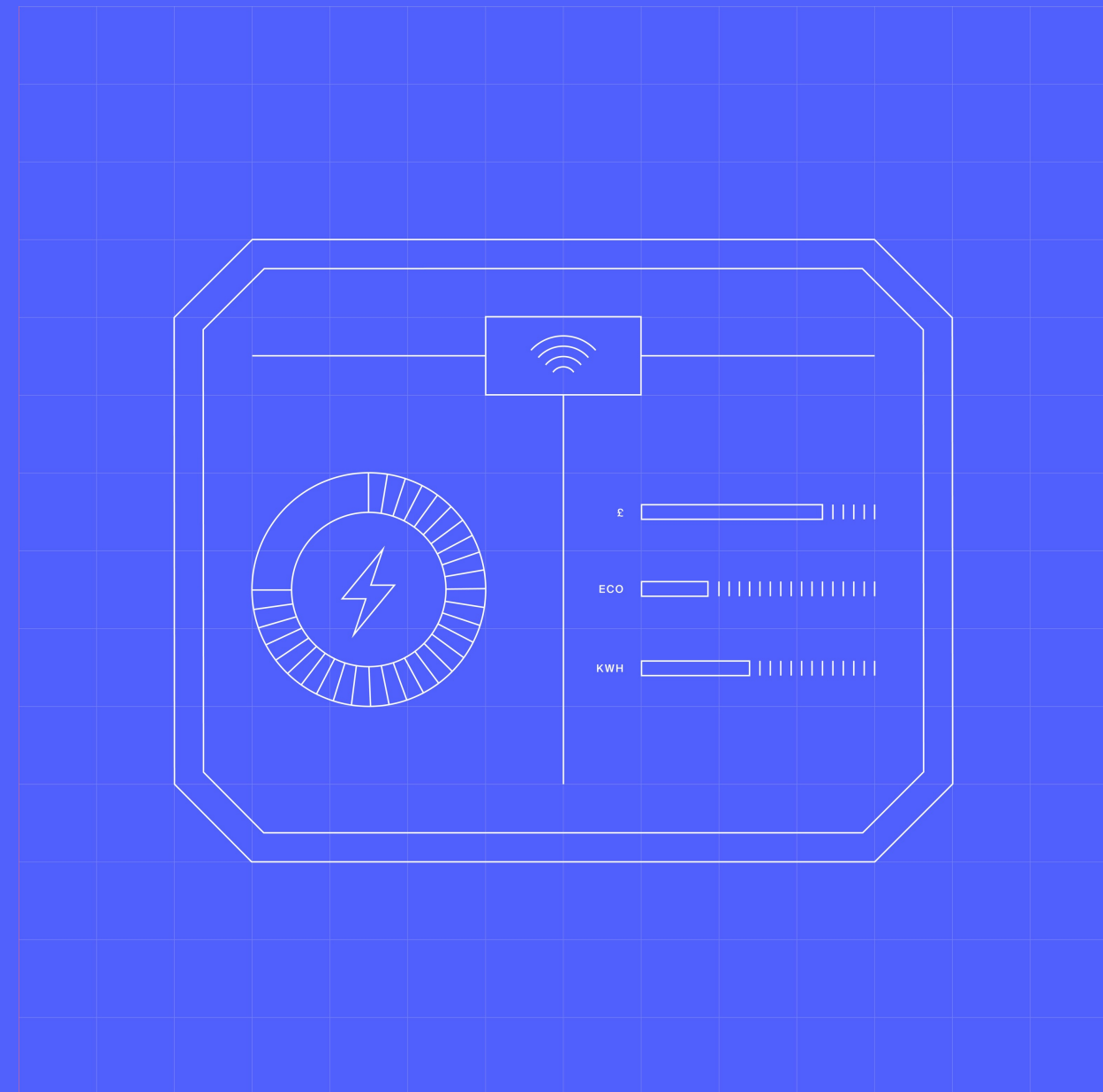
DBT and M3 readiness

DISCUSSION:

- Hear a view on readiness for DBT in each constituency from Constituency Representatives
- Identify themes and any actions required ahead of M3
- Provide an overview of the process and outputs for RA2
- Look ahead to the requirements for the M3 decision at November PSG

Constituency Representatives, Programme

35 mins



Objectives:

1. Constituency representatives to provide a view on constituent readiness as per action PSG12-02:

PSG Constituency Representatives were asked to gather feedback from their constituents on their readiness for M3 as per the criteria provided in [CR009](#). The Programme would like themes or challenges from participants in their delivery of these criteria to be presented by representatives at the 05 October PSG. Constituents may find it useful to refer the [questions for RA2](#) to support this information gathering. Constituency representatives may ask their constituents:

- Are you on track to deliver the criteria for M3?*
- Are there any criteria you are finding challenging? If so, which and why?*

2. Discussion: PSG to identify themes and any actions required ahead of M3

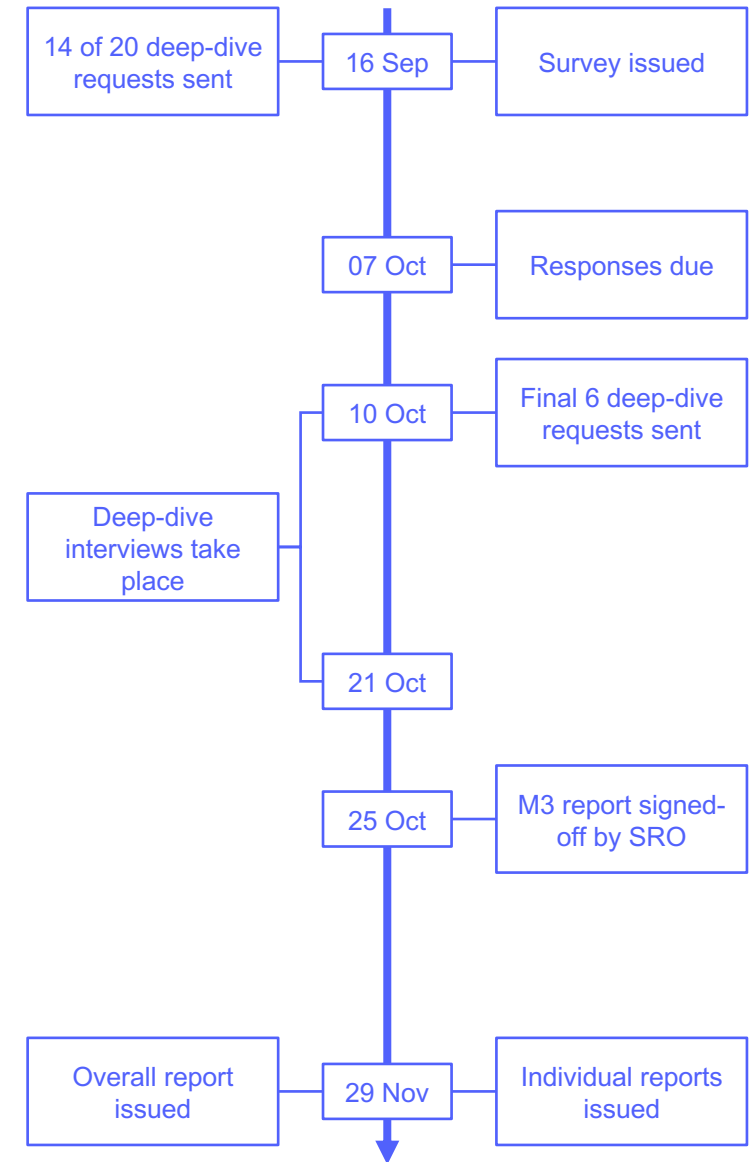
Readiness Assessment 2: Process and Outputs

Process for RA2

- The survey was issued on Friday 16 September. This was moved forward from Monday 19 September due to the impact of the Bank Holiday. Responses are due on Friday 7 October, giving participants a total of three weeks to respond.
- There will be 20 deep-dive interviews conducted as part of RA2. 14 of the requests were issued on Friday 16 September, with chosen participants encouraged to schedule their slots with the PPC as soon as possible.
 - The deep-dive interviews will be held between Monday 10 October and Friday 21 October.
 - They will be conducted by the PPC Readiness Assessment lead, with the PPC constituency engagement lead, and members of the PMO present.
- The remaining 6 deep-dive requests will be issued on Monday 10 October, once the Programme has chosen 6 participants who we wish to speak to, based on the answers they have provided.
 - These deep-dive interviews will also be held between Monday 10 October and Friday 21 October.

Outputs for RA2

- There will be three types of report issued as outputs from RA2:
 1. An M3 report which will be sent to the SRO
 - A key findings slide from this report will be shared with all participants ahead of the November PSG and the M3 decision. However, the full report will only be available to the SRO. The PPC will meet with the SRO for sign-off on Tuesday 25 October.
 2. An overall report which will be sent to all participants
 - This will cover all of the findings in RA2, and be made available to all participants on Tuesday 29 November ahead of the December PSG.
 3. Individual reports bespoke to each participant, which will be sent to that participant only
 - This will provide a summary of their answers, our reviews of the evidence which they provided, information regarding the deep-dive interviews (where applicable) and a number of recommendations for next steps. This will also be made available to participants on Tuesday 29 November.



M3 decision at November PSG - Approach

Background:

- M3 is not a Level 1 milestone and therefore is solely programme-governed
- M3 was passed as planned, by Elexon (Helix) in August 2021 and DCC in February 2022
- M3 was originally scheduled to be passed by all other parties in May 2022 – but this was rescheduled to 31st October 2022 via CR009

Objective:

To determine whether all other Participants are ready to start their Design, Build, Test (DBT) activities

Decision criteria: - *minimum conditions to be met by Programme Participants, forming part of the entry criteria for the DBT phase of the programme*

1. High-level project plan are in place, providing sufficient detail (including resource plans) for the next stage of the Participant's delivery activities and outlines (possibly at a higher level) subsequent delivery stages to the end of the project.
2. These project plans should be aligned to the programme's revised and proposed programme plan (see item 3 below).
3. An outline Business Case or other funding instrument is in place, approved by an appropriate investment committee or is at least in the process of being approved – which provides for the necessary funding of the next stage(s) of the Participant's delivery plan according to the Participants own delivery methodology
4. Relevant Points of Contact have been shared with the Programme. Per the request made by the programme's PPC function these would ideally be: Board-level MHHS Programme Sponsor; Programme Director/Delivery Lead; Design Lead; Test Lead; PMO Lead; Regulatory Lead – although each Participant is expected at M3 to share the appropriate contacts that they have in place, to support their delivery plan at that point
5. A sufficient understanding of the Target Operating Model, MHHS Design and proposed programme plan to adequately inform the above
6. If not already started, readiness to start activities required to reach detailed design at the earliest point after M3 (per the high-level project plan). These may include a High-Level Impact Assessment of the MHHS Design and the identification of required IT Service Providers (where relevant)

Approach:

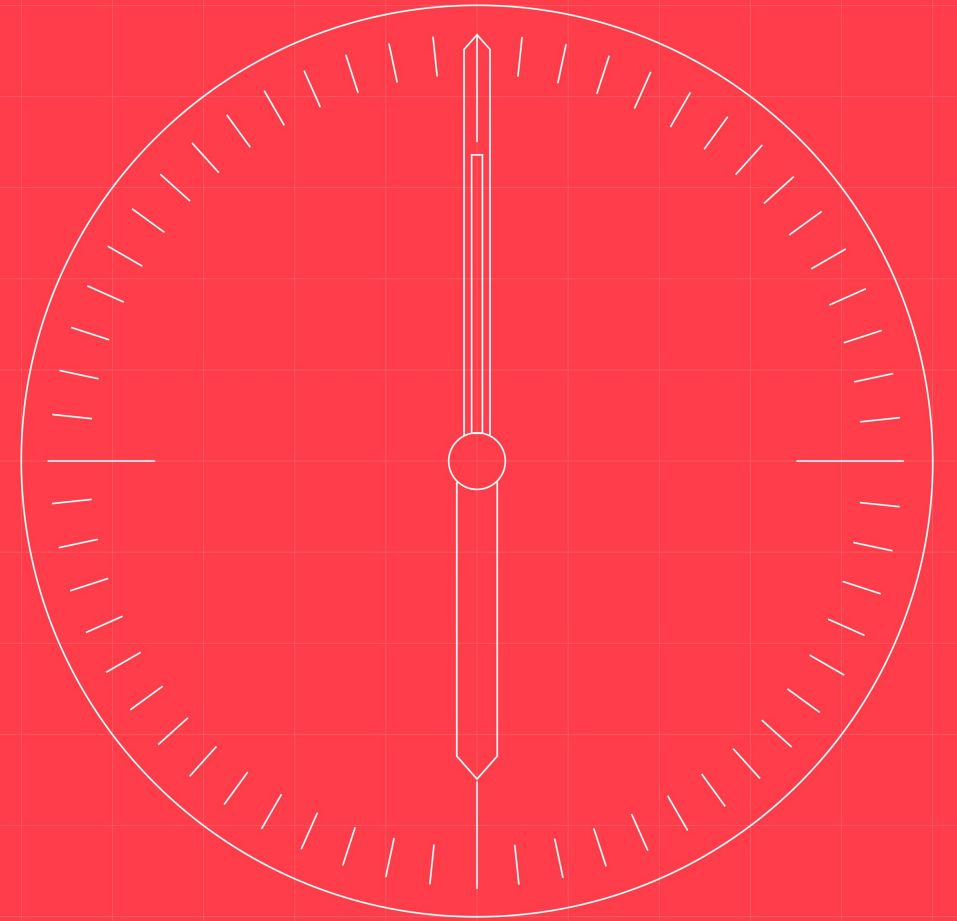
- Through October: continue to identify any known issues via Constituency Reps, IPA and / or PPC bilaterals
- Through October: assess Round 2 re-plan responses from Participants and identify any relevant issues raised
- November PSG:
 - assess early Readiness Assessment report from the Readiness Assessment 2 (RA2) exercise
 - assess any identified M3-related issues via October activities (including IPA draft findings for work package 8)
 - make M3 decision, together with agreement to any related actions / work-off plans
- In November: conduct the programme's internal Control Point 1 review
- December PSG: report full RA2 output – and report on Control Point 1 review, to endorse the programme being formally in the DBT programme phase

Programme re-plan progress

DECISION: Update on progress of the Round 2 re-plan consultation and agree next steps

Programme – Keith Clark

10 mins



Re-Plan: Update and next steps

Round 2 Objectives:

- To consult on a fuller, draft programme plan including all activities, activity durations, milestones and dates, sequencing and dependencies – and a fuller RAID summary (some key approaches and assumptions were changed since Round 1, based on either participant feedback or further work done by the MHHS programme team – or both)
- To identify the best approaches, assumptions and activity durations to support the MHHS Transition Timetable (or to minimise variance to it) – to allow movement into a final Round 3 consultation period.

Update:

- Round 2 closure on 30th September – further update to be provided to PSG on 5th October 2022

Next Steps:

- MHHS programme team – share responses with the IPA and jointly assess these
- MHHS programme team – with input from the IPA, iterate the plan based on Round 2 responses
- MHHS programme team and IPA – engage with all relevant stakeholders (including Planning Working Group and Ofgem)
- Round 3 (first 2 weeks of November):
 - subject to stakeholder alignment on the overall timeline and underpinning broad assumptions
 - subject to IPA opinion / report on the proposed plan
 - PSG also to **decide** whether it wishes to review at PSG on 2nd November before triggering Round 3

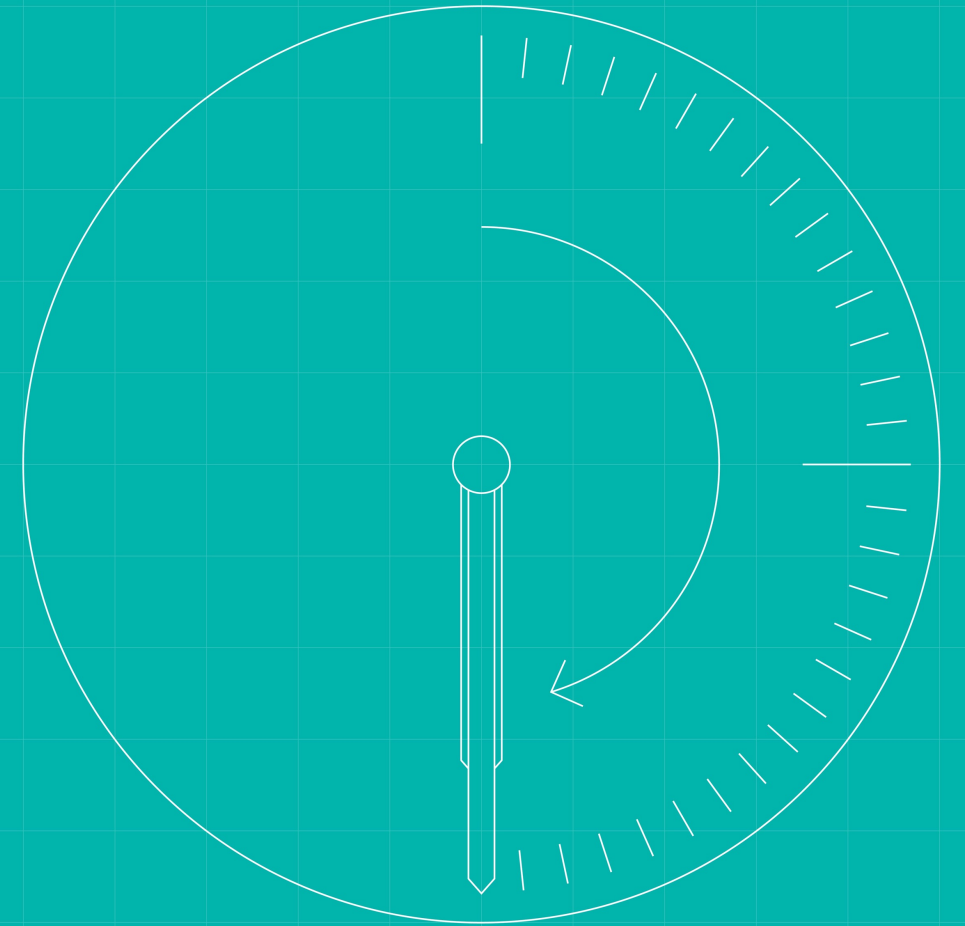
Delivery of Core Capabilities

DISCUSSION/INFORMATION:

- Discuss the approach for strengthening engagement with providers of core capabilities
- Provide an overview of the RECCo delivery plan and progress against it

Programme, RECCo Representative

20 mins



Approach to engaging with providers of core capabilities

Background:

- “**Central Parties**” are organisations which are defined as those providing essential market infrastructure – i.e. Elexon (for ECS and DIP), DCC (for Smart Metering and CSS), Electralink (for DTN), RECCo (for EES)
- “**Core Capabilities**” are the systems / services required to support Systems Integration Testing (SIT) and defined in M10, which commences with Component Integration Testing (SIT CI). The Core Capabilities are provided by the **Central Parties, and also by St Clements / LDSOs** because at least one Registration Service instance is needed for SIT
 - the timely delivery of all these capabilities is therefore on the programme’s critical path

Objective:

- To engage with each of these providers more formally, to ensure that the critical path is well-managed and delivery is expedited

Intended approach (from October 2022):

- The MHHS programme team (Elexon SRO and LDP teams) are setting up account managers who will:
 1. Co-ordinate communications and engagement between the programme and the providers
 2. Conduct a formal, monthly delivery review – to assess plans, progress, risks / issues
 3. Ensure that plans are appropriately represented in the overall programme plan
 4. Advise providers on any emerging developments on the MHHS programme which may impact their plans
 5. Support escalations or provide challenge, where appropriate, to help unblock threats to the critical path

RECCo MHHS Progress Report

Headline Status

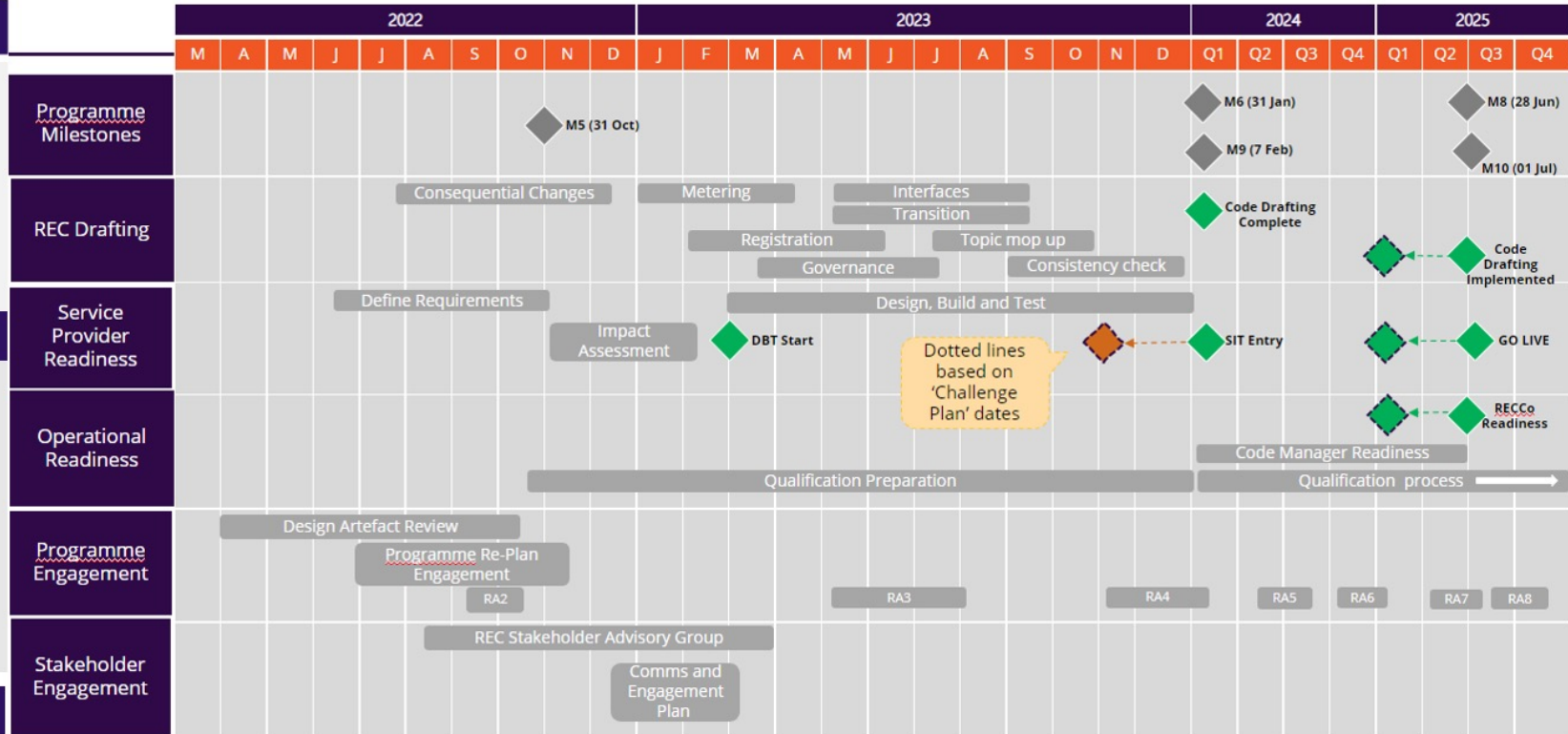
- Design review completed and submitted to programme
- High level design options for EES in progress
- Initial assessment of CSS impacts in progress
- REC Consequential Changes in progress (being considered in CCIAG and stakeholder engagement group)
- Ongoing engagement with programme on Qualification requirements

Next Steps

- Engage in design review and dissensus process
- Define EES requirements for Impact Assessment
- Define CSS requirements for Impact Assessment
- Agree roles and responsibilities for Qualification testing

Decisions Required

- Transition design required to complete detailed impact assessment.
- Decision on allocation of Market Role codes in ISD for new and existing services to complete detailed impact assessment.
- Decision on RECCo role in Qualification



Key Milestones & Deliverables

	Forecast Date	RAG
DBT Start	01/03/2023	G
Code Drafting Complete	31/01/2024	G
SIT Entry	07/02/2024	G
Code Drafting Implemented	01/07/2025	G
RECCo Readiness	01/07/2025	G
GO LIVE	01/07/2025	G

Green = On Track, Amber = At Risk or Late, Red = Late Critical Path / Missed, Blue = Complete

Key Programme Issues

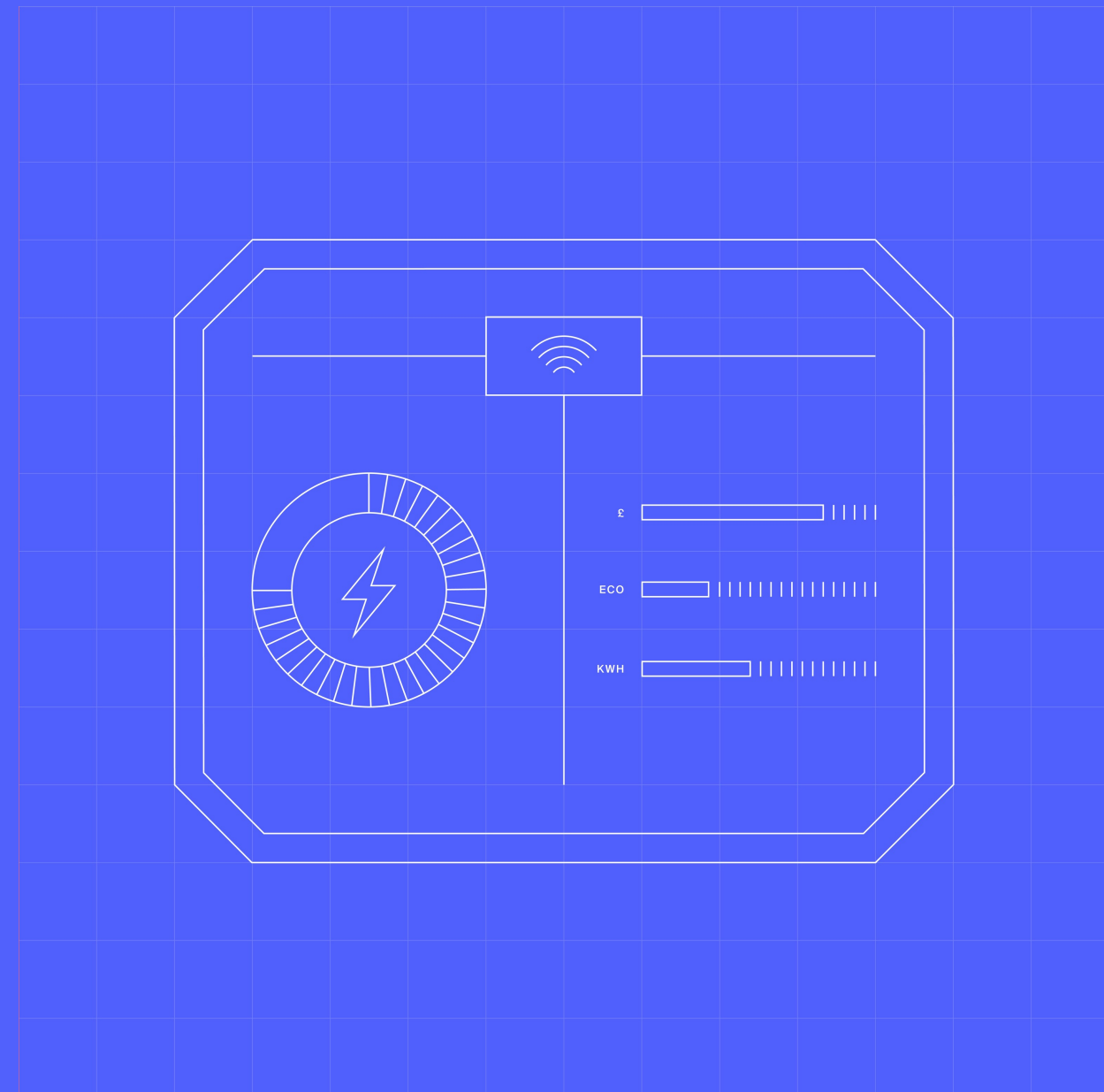
DISCUSSION:

Review key issues and their next steps

- MP162 – Programme to update on our actions to support resolution of the MDR solution and the capacity solution with any further update from DCC
- Migration – Programme to update on progress of the migration options

Programme, DCC representative

10 mins



Key Programme Issues

There are currently two key issues for the Programme that have been presented and discussed at the Programme Steering Group since August 2022.

Progress continues to be made against both issues. At the PSG, the Programme would like to:

MP162:

1. Programme to update on actions undertaken and in progress. DCC to update on current position for: a) the MDR solution; and b) the capacity solution
2. Discuss any questions from PSG members

Migration:

1. Programme to update on progress of the migration options and the next steps to work towards a decision on the migration option as part of the replan Change Request
2. Discuss any questions from PSG members

Issue overviews:

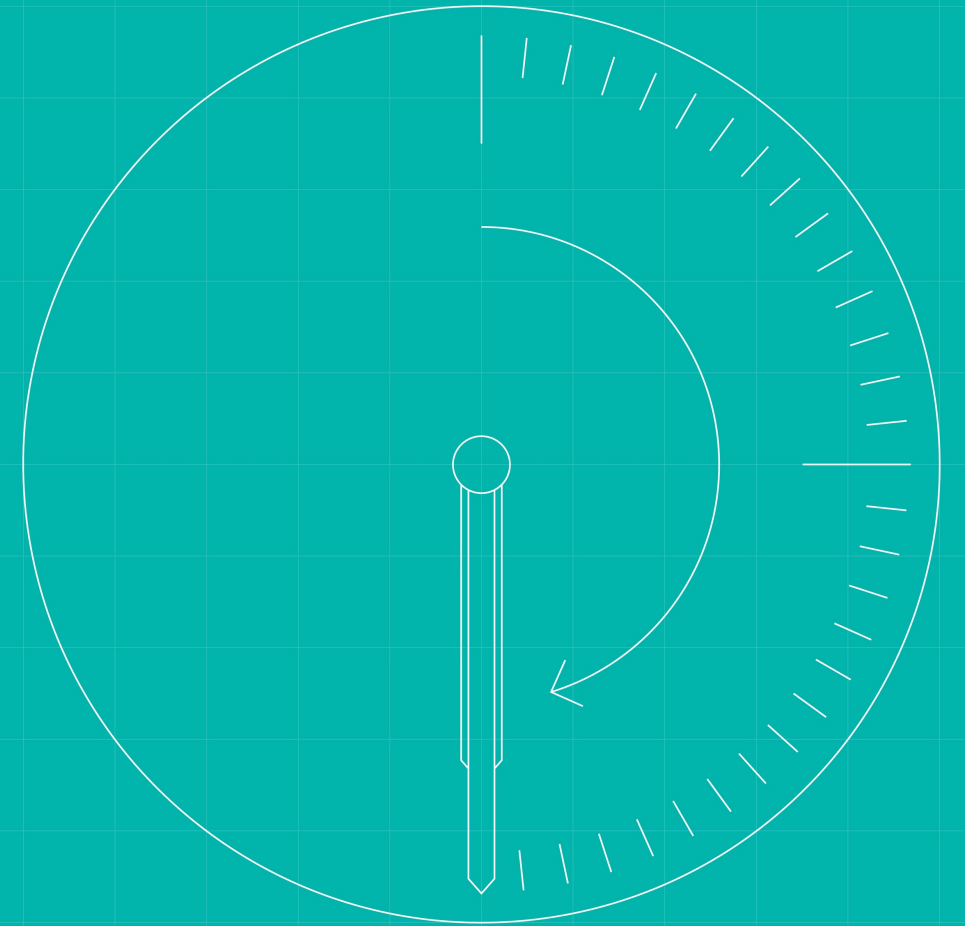
Issue	Impact	RAG	Action taken since September PSG	Next steps	Owner(s)
<p>1. MP162</p> <p>SEC Change Board has recommended Ofgem reject the currently proposed solution for SEC Mod MP162.</p>	<ul style="list-style-type: none"> • Delay to approval of SEC Mod MP162 as defined is likely to cause delay to DCC delivery of MHHS changes and therefore could impact the Programme's readiness to commence SIT, which would impact the overall Programme timelines. • This could lead to SEC Mod P162 solution being revisited to address any reasons for rejecting Mod P162 with subsequent redesign, Impact Assessment, Modification Processing and revised implementation date for SEC Release • Any change to the SEC Mod MP162 solution will need to be assessed for impact on the MHHS design and could result in further MHHSP change. 	RED	<ul style="list-style-type: none"> • Discussions and support to DCC, SECAS and Ofgem on the next steps to progress the resolution of the MDR role under SEC MP162 and the increase to DCC capacity to deliver against Ofgem direction • Discussions with DCC on delivery planning to ensure consistency between the MHHSP plan and DCC plans for delivery of MP162 	<ul style="list-style-type: none"> • Attendance and support to SEC Working Groups for MP162 and the capacity issue • Ongoing input to development material • Support to communication (e.g. through The Clock) • Ongoing plan development to ensure consistency between MHHSP & DCC 	<ul style="list-style-type: none"> • DCC • MHHS Programme • Ofgem • SECAS • IPA
<p>2. Migration</p> <p>The existing migration approach is currently not achievable.</p>	<ul style="list-style-type: none"> • This will impact the Programme's ability to utilise early adopters, as there are outstanding questions relating to the Ofgem timetable and the (later) CCDG guidance – which are not fully aligned regarding how migration can happen in the period between M12 and M14 • This would also impact the Programme's ability to finalise the re-baselined plan (unless it is agreed that significant assumptions remain in the plan at that point). 	RED	<ul style="list-style-type: none"> • Migration Working Group to review migration and reverse migration processes and length of migration • Follow up meetings with Ofgem, Supplier, St Clements, RECCo to further discuss options and impact. • Further feedback prompted and requested from re-plan responses, including in the Clock 	<ul style="list-style-type: none"> • Review feedback from Programme Parties and follow up for any further info/clarifications • Further develop Options Analysis and redistribute to MWG for final reviews w/c 10/10 • Present to Ofgem for decision on migration option to support replan w/c 17/10 	<ul style="list-style-type: none"> • MHHS Programme • Ofgem • All Participants

Design progress

INFORMATION: Provide an update on design status following close of comments window. Share next steps for finalising and signing off the design by DAG at M5

Programme – Warren Fulton

10 mins



MHHS Programme – Design progress update

25 Sept 2022

Overall Status	<ul style="list-style-type: none"> Design Artefacts <ul style="list-style-type: none"> All Design Artefacts (80 Artefacts) were issued for industry review 3200 comments were received from Participants by 16-Aug-22 when the period for submitting comments ended The Design Team are currently processing the comments and will be responding to all comments by 30-Sep-22 At the time of writing there were no material issues / proposed material changes to the Design Dissensus <ul style="list-style-type: none"> Dissensus sessions have been scheduled for 12 and 13-Oct-22 to facilitate the resolution of any conflicting views between Participants or the Design principles M5 Baseline decision <ul style="list-style-type: none"> A pre-meet has been scheduled with DAG for 14-Oct-22 in advance of the 28-Oct-22 DAG meeting where, should all go according to plan, the Design baseline decision will be sought MP 162 - Ofgem have split MP162 into 2 components, Capacity upgrade and MDR role. Ofgem has issued a Direction to DCC on the Capacity upgrade to find a solution, and MDR role has been sent back to SECAS as MP162. Both elements are dependencies which the Programme will continue to closely monitor and proactively support to ensure resolution in line with MHHSP requirements and timing. Transition design – analysis with various stakeholders of the migration options continues, and we are seeking to obtain a decision on the migration approach from Ofgem before the end of October, to align with Change Request being raised from the replan. If the Reverse Migration option is selected, analysis indicates that the Design impacts are not as intrusive as originally anticipated and this is being reviewed with Programme Participants and evidence requested through the Migration Working Group and through the Round 2 Replan consultation.
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Upcoming deliverables	<ul style="list-style-type: none"> Respond to industry comments with proposed actions – 30 Sept Address any non-consensus: 14-Oct-22 Issue updated Artefacts: 17-Oct-22 DAG baseline decision: 28-Oct-22
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Milestones	CR009 target date	Forecast date	Status
Tranche 1 - Conditional approval	N/A	N/A	Complete
Tranche 2 - Conditional approval	N/A	N/A	Complete
Tranche 3 - Conditional approval	N/A	N/A	Complete
Tranche 4 - Publish remaining T4 Artefacts and T1-3 amended Artefacts for industry review	29-Jul-22	08-Aug-22	Complete
Industry comments received	16-Sep-22	16-Sep-22	Complete
MHHSP review comments and propose action	30-Sep-22	30-Sep-22	Green
Industry respond to MHHSP proposed action	07-Oct-22	07-Oct-22	Green
Resolve dissensus	14-Oct-22	14-Oct-22	Green
DAG baseline decision	28-Oct-22	28-Oct-22	Green

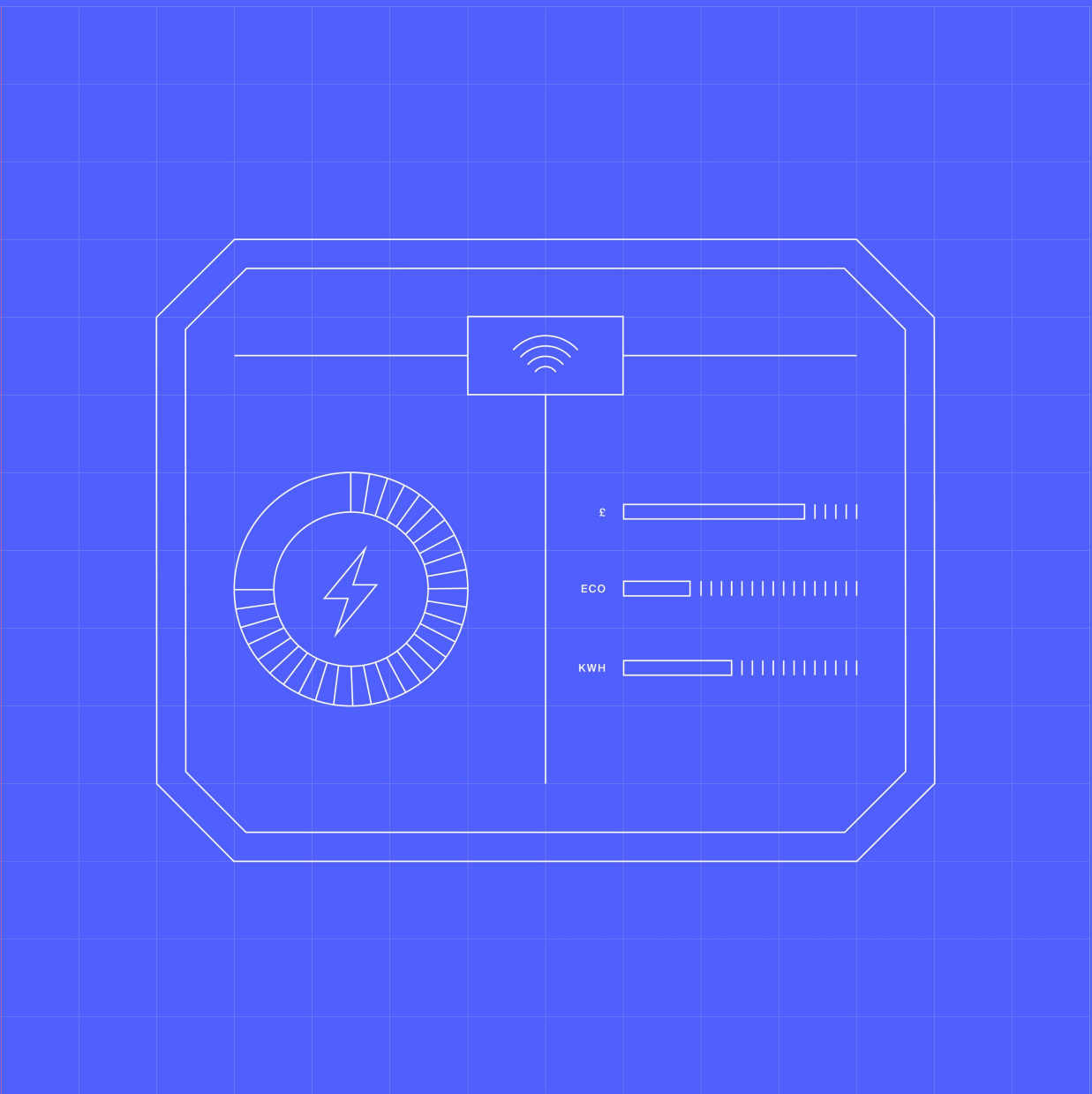
Risks / Issues	#	Risk or Issue (specific items or themes)	Mitigation	RAG
	R191	There is a risk that the decisions required for MP162 could affect M5 timelines.	Ofgem have split MP162 into 2 components, Capacity upgrade and MDR role. Ofgem has issued a Direction to DCC on the Capacity upgrade to find a solution, and MDR role has been sent back to SECAS. Both these elements are dependencies which the Programme will continue to closely monitor and proactively support	Medium risk
R193	There is a risk that the decisions required for migration could affect M5 timelines.	Analysis with various stakeholders of the migration options continue, and we are seeking to obtain a decision on the migration approach from Ofgem by the end of October. If the Reverse Migration option is selected, analysis indicates that the Design impacts are not as intrusive as anticipated and feedback from Programme Parties is being sought	Low risk	

Delivery dashboards

INFORMATION: Take questions from PSG members

Chair

10 mins



Delivery dashboards - contents

Area	Title	Purpose	Page
MHSP Programme level	MHHS Milestone Status	Provide an overview of progress against Programme milestones	20
	Interim Plan status report	Provide an overview of progress against the Programme interim plan	21
	Risk themes	Provide a high-level view of Programme Risks	22-25
	Finance	Provide high-level forecast and actual Central Programme expenditure	26
	Change Control	Update on the status of any Change Requests	27
MHSP workstream level	Design progress	<i>Please refer to the agenda item on Design progress for this month's content</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 	28-29
	PPC overview	Provide information on PPC activity and participant engagement – includes a summary from the recent open day	30-32
	Data Integration Platform (DIP) procurement	Provide an update on the progress of the DIP procurement	33
Assurance	Independent Programme Assurance (IPA)	Provide a progress update on in-flight and future planned assurance activities	34
Industry	Central Party delivery plans	Provide an overview of Helix and DCC delivery plans and progress against them	35-36
	Central Party finances	Provide high level Central Party forecast of expenditure against plan	37
	Industry change	<ul style="list-style-type: none"> • Summarise activity at the Consequential Change Impact Assessment Group (CCIAG) • Summarise items raised to the Programme horizon scanning process 	38

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 27/09/2022

Level	Milestone		Milestone Date		Status	Path to Green – Actions (& related impacts)	Current RAG Sep PSG	Forecast RAG Oct PSG	Forecast RAG Nov PSG
	Baseline	Forecast	Baseline	Forecast					
1	M5	Physical baseline design delivered	29-Apr-22	31-Oct-22	<ul style="list-style-type: none"> All Design Artefacts (80 Artefacts) were issued 3200 comments received from Participants by 16-Aug-22 Readiness Assessment 2 responses due 07-Oct-22 Round 3 plan and dates to be verified according to any approach / actions agreed with PSG (October) Timetable for subsequent CR and Ofgem approval to be confirmed 	<ul style="list-style-type: none"> Responses to all comments by 30-Sep-22 Pre-meet scheduled with DAG for 14-Oct-22 in advance of the 28-Oct-22 DAG M5 decision meeting Round 2 consultation concludes 30-Sep-22, needs to provide sufficient evidence to support planning assumptions with adequate representation across industry to underpin Round 3 If plan not baselined within 2022, the associated uncertainty is likely to dilute focus on delivering MHHS and cause delivery delays 	Green	Green	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	31-Oct-22			Amber	Amber	Amber
	M3	Design, Build Start (iDNOs)	31-May-22				Amber	Amber	Amber
	M3	Design, Build Start (Agents)	31-May-22				Green	Green	Green
	M3	Design, Build Start (Suppliers)	31-May-22				Amber	Amber	Amber
	M5 + 3	Industry re-plan	29-Jul-22				tbc	Amber	Amber
	M4	PMO/PPC/SI/IPA fully functioning	31-Jan-22	Complete			Met	Met	Met
	1	M9	Cross-Industry Integration Testing Start	31-Aug-23			TBD	Amber	Amber
1	M6	Code changes baselined	29-Apr-22	31-Jul-23	<ul style="list-style-type: none"> This date is M5+9; CR009 changed this date This date is M5+10; CR009 changed this date As stated in CR003 this date will be delayed and validated by the programme re-plan. 	<ul style="list-style-type: none"> Date will be reviewed again during plan re-baselining. Date will be reviewed again during plan re-baselining. Per CR003 proposal, a change to M8 will be included in the programme re-planning activity after M5. No impact expected. 	Green	Green	Green
	M7	Smart Meters Act powers enabled	31-May-22	31-Jul-23			Green	Green	Green
	M8	Code changes delivered	30-Nov-22	TBD			Red	Red	Red

Progress against the Interim Programme Plan

Interim Plan status
Updated to 27/09/2022

Executive Summary	Plan RAG Status	
<ul style="list-style-type: none"> Interim Programme Plan: Amber forecast is based on (1) clarification of the scope of the Transition / Migration design to be delivered (per the interim plan) and (2) completion of the re-plan according to current schedule. Design Delivery: Plan remains on track in line with revised M5 milestone on 31-Oct-22. Design Playback sessions have proceeded well with good participation and engagement, and all artefact review comments will be responded to, by 30-Sep-22. Programme Re-Plan Consultation: Round 2 of programme consultation on track to conclude by 30-Sep-22. Round 2 walkthrough sessions by constituency group took place on 22/23-Sep-22. Round 2 consultation is proceeding on the basis of reverse migration and MDR being implemented, as communicated widely at the Open Day on 6-Sep-22. Significant activity is taking place to address planning assumptions and to refine approaches in three core areas: SIT, Qualification and Migration. Entering Round 3 of consultation on time – according to the timeline articulated in the Interim PoaP – will be critically dependent on the quality of Participant engagement and evidence submitted to support Round 2 feedback. Round 2 consultation was reduced from 4 weeks to 3 weeks to provide a longer window for assessment and follow-up of responses with Participants, as well as more time to engage stakeholders prior to Round 3. Top Delivery Challenges: (1) addressing risks from the Ofgem direction to DCC and the send-back to SECAS for MP162, (2) reaching a conclusion in principle, on the migration approach – supported by clarity on when the Transition / Migration Design will be available, and (3) reaching agreement with all stakeholders on the timeline in any re-baselined plan. 	Previous RAG	Amber
	Current RAG	Amber
	Next period RAG	Amber

Activities due to be completed in September					Activities due to be completed in October				
Task	Workstream	Baseline date	Forecast date	RAG	Task	Workstream	Baseline date	Forecast date	RAG
Test stubs required for PIT - start of development	Portal Delivery & Support / Delivery of test stubs	01-09-22	01-09-22	Complete	Close Readiness Assessment 2 survey+	Enduring PMO / PPC Activity	07-10-22	07-10-22	Green
Migration design development (start)	E2E Design Delivery	01-09-22	01-09-22	Complete	Control Point 1 preparation (start)	Milestones, Check Points & Readiness Assessments	17-10-22	17-10-22	Green
DIP – BAFO submissions deadline and BAFO reviews and evaluations (start)	DIP Procurement & Delivery	02-09-22	02-09-22	Complete	Post-M5 preparation and planning for code drafting (start)	Baselining MHHS Code Changes	31-10-22	31-10-22	Green
Design & Re-plan Open Day	Programme Participant Engagement	06-09-22	06-09-22	Complete	Migration design development (finish) * subject to provision of detailed plan	E2E Design Delivery	31-10-22	31-12-22 *	Amber
Completion of Programme Portal delivery	Portal Development & Support	19-08-22	09-09-22	Complete	Industry consultation Round 3 (start) – ** subject to October PSG decision	Replan development and baselining	31-10-22	31-10-22 **	Amber
Launch Readiness Assessment 2 survey+	Enduring PMO / PPC Activity	19-09-22	16-09-22	Complete	Approve Environment Approach & Plan	SI Testing & Data	31-10-22	16-11-22	Amber
Industry consultation Round 2 (start)	Replan development and baselining	12-09-22	12-09-22	Green	Review and refresh E2E Integration & Test Strategy (post-design baseline)	SI Testing & Data	31-10-22	31-10-22	Green
Industry consultation Round 2 (finish)		30-09-22	30-09-22						

RAID ID	RAID Description	Mitigation / Resolution	Resolution Date	Owner(s)	RAG
1036	The existing migration approach is currently not achievable.	<ul style="list-style-type: none"> Ongoing analysis and evidence gathering to support the evaluation of migration options Transition / Migration Design planned for delivery by end December 22 in Round 2 re-plan (not part of baseline design at M5) MWG / TMAG to align on related detailed planning and planning assumptions to support options analysis to present to Ofgem for decision. 	31-Oct-22	Chris Harden Keith Clark Ofgem	Red
1042	SEC Change Board has recommended Ofgem reject the currently proposed solution for SEC Mod MP162.	<ul style="list-style-type: none"> The Programme is proactively supporting DCC, SECAS and Ofgem in the resolution of the direction from Ofgem to DCC to implement MHHS capacity and the sending back of MP162 to the SEC Panel on the MDR role Ofgem to make a future decision on SEC Mod P162 or any alternative solution 	31-Oct-22	Jason Brogden	Red

Risk theme 1: Ability to meet the M5 timetable as planned

RAID (1 of 4)
Updated to 27/09/2022

Theme	Summary	Mitigation Approach Overview	RAG Status	
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 M5	<ul style="list-style-type: none"> CR009 has been approved by Ofgem Tracking and reporting for Design delivery, including alignment with confidence indicators and M5 acceptance criteria has been improved Open design issues and reporting on their status continues DAG and M5 success criteria and Cross-Code Advisory Group (CCAG) code drafting requirements have been aligned Consequential Change Impact Assessment Group (CCIAG) is mobilised to discuss any issues with Participants' end-to-end designs SI's design assurance activities continue, and findings will be provided which capture evidence on how the design fully delivers the TOM Design playback sessions conducted, and bilateral industry engagement will continue throughout August and September. 	Previous RAG	Amber (20 Risks & 1 Issue)
			Current RAG	Amber (21 Risk & 1 Issue)

Key Risks																															
Risk ID	Risk Description	Risk Score Assessment																												Mitigation Plan	
		Critical							High							Medium							Low								
		30	29	28	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3		2
R191	There is a risk that the decisions required for MP162 could affect M5 timelines, causing a delay if further change deemed necessary for level playing field considerations																														<ul style="list-style-type: none"> MHHSP proactively supporting DCC, SECAS and Ofgem in resolution of capacity issue and MP162 to implement the MDR role. Ongoing input to development material Attendance and support to SEC Working Groups for MP162 and the capacity issue Support to communication (e.g. through The Clock) Ongoing plan development to ensure consistency between MHHSP & DCC
R188	There is a risk that we will not have sufficient time for the Design team to address comments. The additional time required due to the new process step to document actions before updating Artefacts may take longer than expected																														<ul style="list-style-type: none"> Mitigations implemented, expected to respond to all comments by 30-Sep-22.
R192	There is a risk that the decisions required for Enquiry API could affect M5 timelines. A Delay to the decision on physical resolution for API could impact timelines																														<ul style="list-style-type: none"> Sessions scheduled to discuss requirement with RECCo, noting that a likely outcome would be resolution of this requirement to ECOES (system that holds industry meter point data)
R193	There is a risk that the decisions required for transition could affect M5 timelines. Ongoing discussions around the transition approach between Programme and Ofgem may impact the effort and time required to complete the transition design																														<ul style="list-style-type: none"> Multiple discussions have taken place, and continue to progress. The aim is to come to an agreement within October 2022. Transition design is expected to have been delivered soon after M5 – detailed plan to be provided, but current assumption is by year-end.

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 2: Supplier and Programme Participant engagement and mobilisation

RAID (2 of 4)
Updated to 27/09/2022

Theme	Summary	Mitigation Approach Overview	RAG Status	
Supplier and Programme participant engagement and mobilisation	Suppliers and Programme participants may not be mobilised early enough to support the forward delivery approach and / or market conditions may worsen	<ul style="list-style-type: none"> CR007 rescinded and CR009 raised to cover changes to both M5 and M3 dates The movement of M5 (CR009) 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 Participant engagement has been completed both the Design and the Re-planning activities. 	Previous RAG	Amber (13 Risks & 1 Issue)
			Current RAG	Amber (13 Risk & 1 Issue)

Risk ID		Risk Description		Key Risks																	Mitigation Plan													
				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	
R005	There is a risk that parties do not engage in MHHS due to being focused on their 'business as usual' activities and other industry change programmes.																		<ul style="list-style-type: none"> Ensure a smooth flow of information from the Cross Code Advisory Group Set early expectations of what is required – ensuring that plans provide the right basis for effective management of resources and business priorities Use the levers of business change management to continue to encourage adequate prioritisation of party support for the programme Focus on risks, contingency planning, and dependency management to highlight and deal with potential challenges as quickly as possible. 															
R016	There is a risk that due to the large number of programme parties and the constituency based model that has been adopted, not all parties are appropriately engaged																		<ul style="list-style-type: none"> The PPC will drive engagement opportunities via bilateral to all programme participants to ensure that they are aware of progress within the programme The PPC will drive constituency based engagement opportunities through forums and/or webinars, where a need is identified Programme updates will be shared via The Clock, as part of a monthly webinar series and during open days. The PPC will monitor engagement via Readiness Assessments. 															
R049	There is a risk that other Industry initiatives impact MHHS implementation and timetable.																		<ul style="list-style-type: none"> Monitor via CCAG and raise risks through that forum Continual reinforcement to participants to programme timelines and their obligations To continue to address the need for participants to ensure that they are able to comply with their obligations to operate in accordance with the baselined Implementation Timetable throughout the Programme. 															
R030	There is a risk that Programme Participants may not be able to provide MHHS SME expertise due to other initiatives and programmes they are also required to deliver during the first year of the programme.																		<ul style="list-style-type: none"> Collaborative approach to planning will assist buy in to the plan and ensure key timescales of other initiatives/programmes (e.g. FSP) are taken into account. PPC function should also identify early any programme participants falling behind in order to be able to address early. This is monitored on an ongoing basis. 															
R218	There is a risk that Industry may enter a cash flow crisis due to high levels of customer debt building over the winter which causes market wide business failures, particularly given the current situation with consumers concerns over increased price caps being announced and the likelihood of a movement against paying energy bills until formally addressed by the Government																		<ul style="list-style-type: none"> To monitor Industry fall-out and Government/Ofgem interventions. 															

Key	
(I)	Initial Score
(C)	Current Score
(T)	Target Score

Risk theme 3: Completion and outputs of the Programme Re-plan activity

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"> 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 Industry volunteer parties were engaged via the Planning Working Group (PWG) to input to the re-planning process ahead of round 2 consultation. This group will reconvene as consultation Round 2 concludes on 30-Sep-2022 and the plan is developed ahead of Round 3 (which expected to commence at the end of October 2022 subject to a decision at October PSG) Undergo rounds of industry consultation to capture all industry feedback possible before approval through PSG (and Ofgem). a 3rd round of consultation has been added to allow Participants to evaluate the re-plan in light of a baselined Design. 	Previous RAG	Amber (9 Risks)
			Current RAG	Amber (6 Risks)

Risk ID		Risk Description		Key Risks																													Mitigation Plan		
				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		
R025	There is a risk that the 2022 plan re-baseline extends the timescales significantly.	I	C																															<ul style="list-style-type: none"> Ensure detailed planning and reviews undertaken to determine best possible timeline for the programme. Formal programme replanning activity scheduled in interim plan with clear input from PPs and consultation rounds scheduled in. Once completed this will be submitted to Ofgem with a CR for any change in dates. This is ongoing until November 2022. Explore alternative approaches to understand if the Programme can be executed in a different way. 	
R073	There is a risk that the current 15-month period M5 to M9 is not long enough for programme parties to support	I	C																															<ul style="list-style-type: none"> Discuss during the volunteer-based planning sessions (Planning Working Group) Develop and publish draft iterations of the replan– taking into consideration any changes to the timeline due to move of M5 and M3 Engage with all participants (including Ofgem and IPA) through the consultation process and assess feedback Gain approval from PSG (and Ofgem) 	
R180	There is a risk of delay to rebaselining the Programme plan as expected if participant engagement in consultation rounds (Aug – Nov) is inadequate																			I	C													<ul style="list-style-type: none"> Multiple rounds of consultation to improve the likelihood of participant engagement Plan for consultation shared early with Programme participants Continue to provide tailored communications / presentations for each constituency Support participants with playback and drop-in sessions during consultation cycles Support with further playbacks after the plan has been approved 	
R069	There is a risk that there may be additional cost implications for programme parties due to programme replan / delays or change in direction																																	<ul style="list-style-type: none"> Round 2 and Round 3 responses and outcomes Ofgem consideration of any CR resulting from the re-planning activity (including PP impact assessments) Ofgem CR approval process 	

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 4: Management of Industry Change associated with the Programme

RAID (4 of 4)
Updated to 27/09/2022

Theme	Summary	Mitigation Approach Overview	RAG Status	
Management of industry change associated with The Programme	Through the CCAG Horizon Scanning log and external facing MHHSP activities, several risks and dependencies have been identified from industry change and initiatives which need to be mitigated or resolved.	<ul style="list-style-type: none"> Comprehensive industry change analysis completed and updated RAID to ensure MHHS Programme is more proactive in the management of the risks of industry change that impacts MHHSP Attendance at relevant industry change Working Groups to ensure MHHSP requirements delivered Proactive discussions with Code Bodies to ensure delivery plans aligned to MHHSP plans Data cleansing activities key to migration and an MHHSP position needs to be agreed to take into discussions with external parties 	Previous RAG	N/A – New Theme
			Current RAG	Amber (12 Risks)

Key Risks			Risk Score Assessment																Mitigation Plan												
Risk ID	Risk Description		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
R182	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"> The Programme is discussing implications with Ofgem, IPA, DCC and SECAS to agree next steps to mitigate impact 2) Ongoing engagement with SEC through programme attendance at MP162 governance groups and SEC representatives attendance at DAG for any MP162 discussions. Agree next steps for SEC Mod P162 following SEC Change Board recommendation to reject Assess the impact of any agreed next steps on the Programme (in terms of scope, design and plan). Ofgem to make a future decision on SEC Mod P162 or any alternative solution SRO leading discussions with Ofgem for MHHS aspects of MP162
R153	There is a risk that the implementation of DCC release (SEC MP162 Mod) in February 2024 does not align with MHHS Programme requirements to be ready for SIT.																														<ul style="list-style-type: none"> Discussions ongoing with DCC - Complete this is subject to the replan activity This may need to be revisited if R182 becomes an issue
R230	There is a risk that data cleansing of new MHHS Data is not completed in advance of Migration (including data established through BSC CP1558)																														<ul style="list-style-type: none"> Internal discussion to establish our proposed way forward Further discussions then required with Code Bodies and St Clements
R227	There is a risk that the migration approach needs to change if BSC Mod P432 is rejected																														<ul style="list-style-type: none"> Discussed with Elexon, seen as reasonable assumption that sites will be migrated in advance of M10. Need to monitor ongoing and discuss with Elexon and Ofgem. Elexon to return to Ofgem 30/11. Dependent on DCUSA Modification Continue to discuss at CCAG
R228	There is a risk that implementation of BSC CP1558 is delayed beyond SIT for new data items required for MHHS																														<ul style="list-style-type: none"> Monitor implementation of CP

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

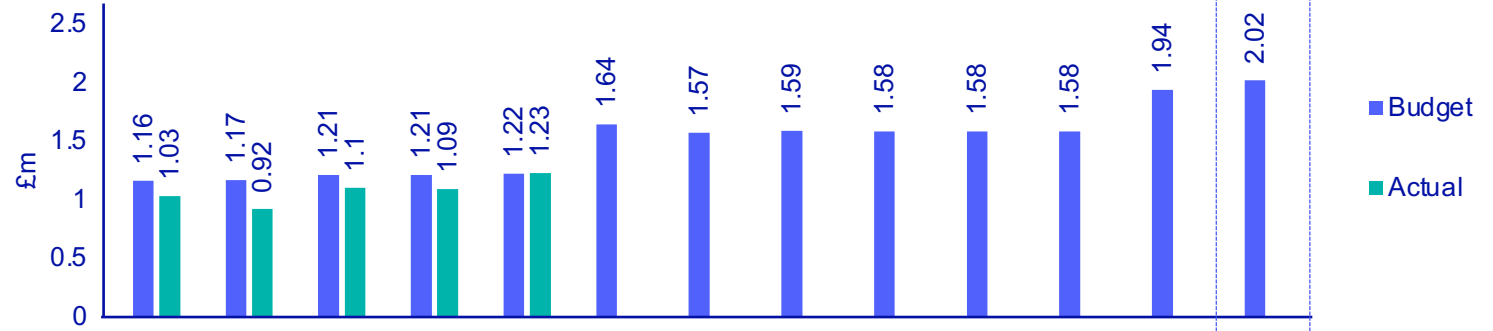
Headline: August actuals slightly above budget.

2022/23 overview

The current year's forecast remains at £19.5M

- The DIP estimate will be validated once the contract is awarded late in Q3. 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 to August 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
22/23 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
September PSG Forecast (£M)	1.27*	1.17*	1.18*	1.24*	1.22*	1.63	1.62	1.67	1.55	1.49	1.55	1.64	2.95	19.47
Actual (£M)	1.03	0.92	1.10	1.09	1.23									

- *: 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 Control – Change Request status

Change Control
Updated to 28/09/22

Ref.	Key Detail	Change Raiser(s)	Change Type	Decision	Status	Action If approved	Change Owner(s) If approved
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)	Closed		
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	PSG rescinded (06/07)	Closed		
CR008	RECCo membership of PSG, DAG, TMAG	Jonathan Hawkins	Full Impact Assessment	PSG approved (08/06)	Complete	Updated MHHS Governance Framework	Jason Brogden
CR009	M5 and M3 milestone date changes	MHHS Programme	Full Impact Assessment	Ofgem Approved (01/09)	Complete	Updated MHHS Transition Timetable	Jason Brogden
CR010	Inclusion of the Full Plan Review PM2 activity within Programme Governance	Graham Wood, Large Supplier Constituency	Not applicable	Withdrawn by Change Raiser (28/07)	Closed		
CR011	Update to the Programme Interim PoaP to reflect decisions made at September 2022 PSG	Joe Deal	Housekeeping	Change Board approved (27/09)	Closed	Updated Programme Interim PoaP	Joe Deal

Discussion summary from this month’s Advisory Groups

Design Advisory Group (DAG)

Updates from DAG 10 August 2022

1. **Code Changes Review** – An overview was provided to the DAG of how the Programme manage regulatory changes emanating from the external environment. Management of external code changes will become very important post-M5.
2. **CCIAG Progress Update** – The DAG reviewed metrics on the operation of CCIAG. Topics currently under discussion include removal of Estimate Annual Consumption (EAC), and the definition CSS user roles. A Consequential Change Log will be published detailing all CCIAG discussion items, categorisations, and management actions.
3. **MHHS Design Status Update** – The were advised over 1500 comments had already been received in response to the design baseline consultation. Comment resolution and dissensus sessions will be held in October and joining details will be published in The Clock.

DAG Headline Report available [here](#).

Cross-Code Advisory Group (CCAG)

Update from CCAG 28 September 2022

1. **Horizon scanning log** – the CCAG heard updates from Code Bodies on the content of the Horizon Scanning log and agreed next steps
2. **Code Drafting Plan update** – the Programme provided an update on the code drafting plan. Code bodies updated on the approach to legal review
3. **Replan activity for M7/M8** – the Programme updated on M7/M8 timelines as part of the Round 2 replan consultation. The CCAG discussed appropriate delivery dates for these milestones
4. **Code draft prototyping** – BSC and REC provided an update on recent code draft prototyping activity, including the use of iServer
5. **CDWG update** – the CCAG agreed to stand down the October CDWG

Testing and Migration Advisory Group (TMAG)

Update from TMAG 22 September 2022

1. **Programme Re-plan** – The Programme provided a comparison between the two POAPs (Plan on a Page) shared as part Round 2 of the Programme’s replan consultation. TMAG members were encouraged to respond to the consultation, with evidence.
2. **Working Group Updates** – the TMAG heard updates from the DWG, MWG, QWG, and EWG. A focus was on activity at the MWG where options for the Programme approach to migration were being developed.

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

Design Advisory Group (DAG)	Meeting date	14-Sept	12-Oct	28-Oct	09-Nov	14-Dec
	Agenda items	<ul style="list-style-type: none"> Design RAID review Code Changes Review CCIAG Progress update MHHS Design Status Update 	<ul style="list-style-type: none"> M5 Update Design issues discussions Post-M5 DAG Approach Feedback from playback sessions Design assurance updates 	<ul style="list-style-type: none"> MHHS design approval Post-M5 change control process 	<ul style="list-style-type: none"> Post-M5 work off Change Requests 	<ul style="list-style-type: none"> Post-M5 work off Change Requests
	Standing items	<ul style="list-style-type: none"> Minutes and actions Programme updates DAG Design Principles MHHS Design Dashboard L4 working group report Summary and next steps 	<ul style="list-style-type: none"> Minutes and actions Programme updates DAG Design Principles MHHS Design Dashboard L4 working group report Summary and next steps 	<ul style="list-style-type: none"> Minutes and actions Programme updates DAG Design Principles MHHS Design Dashboard L4 working group report Summary and next steps 	<ul style="list-style-type: none"> Minutes and actions Summary and next steps 	<ul style="list-style-type: none"> Minutes and actions Summary and next steps
Cross-Code Advisory Group (CCAG)	Meeting date	28-Sep	26-Oct	23-Nov	21-Dec	Jan 2023
	Agenda items	<ul style="list-style-type: none"> Code drafting plan update Replan activity for M7/M8 REC/BSC Code Drafting Prototyping 	<ul style="list-style-type: none"> Post-M5 Replanning Activity (CCAG consultation inputs) Code Drafting Preparation Checklist Code drafting planning update Code drafting mobilisation Code drafting plan update Code drafting approach report 	<ul style="list-style-type: none"> M6: Code drafting process commences (subject to M5) CCAG Status Report draft 	<ul style="list-style-type: none"> M6: Code drafting as per plan Code draft reporting 	<ul style="list-style-type: none"> M6: Code drafting as per plan Code draft reporting
	Standing items	<ul style="list-style-type: none"> Minutes and actions Programme updates Horizon scanning log L4 plan and WG status report 	<ul style="list-style-type: none"> Minutes and actions Programme updates Horizon scanning log L4 plan and WG status report 	<ul style="list-style-type: none"> Minutes and actions Programme updates Horizon scanning log L4 plan and WG status report 	<ul style="list-style-type: none"> Minutes and actions Programme updates Horizon scanning log L4 plan and WG status report 	<ul style="list-style-type: none"> Minutes and actions Programme updates Horizon scanning log L4 plan and WG status report
Testing and Migration Advisory Group (TMAG)	Meeting date	23-Sep	19-Oct	16-Nov	21-Dec	Jan 2023
	Agenda items	<ul style="list-style-type: none"> Programme re-plan Progress at working groups including test tools principles/design, environment plan, qualification/pre-qualification principles and migration 	<ul style="list-style-type: none"> Migration options Programme re-plan review SIT participants 	<ul style="list-style-type: none"> SIT participants Qualification/pre-qualification Environment plan approval Test Data Approach and Plan approval 	<ul style="list-style-type: none"> Programme re-plan Migration, Cutover & Data Strategy update Qualification update Review E2E Testing & Integration Strategy 	<ul style="list-style-type: none"> Test Data Approach and Plan review Migration, Cutover and Data Strategy review
	Standing items	<ul style="list-style-type: none"> Minutes and actions Programme updates Working group report 	<ul style="list-style-type: none"> Minutes and actions Programme updates Working group report 	<ul style="list-style-type: none"> Minutes and actions Programme updates Working group report 	<ul style="list-style-type: none"> Minutes and actions Programme updates Working group report 	<ul style="list-style-type: none"> Minutes and actions Programme updates Working group report



DBT Readiness and Mobilisation

- Clear progress has been made towards DBT Readiness in most Constituencies over the past 2 months (particularly among Large/Medium Suppliers, Central Parties, Software Providers and Agents)
- DBT Readiness remains limited among DNOs and iDNOs.
- Some Participants, in particular Small Suppliers, are waiting to see what is determined in the re-plan before finalising their own plans
- **Design Playbacks:** There were **1,612** attendees in total, across **14** sessions totalling **18** hours and **35** mins. Participants submitted **558** questions in total, which the PPC Team is working with the Design Team to continually update the Design Q&A



Re-plan

- The Round 1 Replan consultation closed on 26-Aug-22, and there were **36** submissions from Participants
- The Round 2 consultation ran between the 12-Sep-22 and 30-Sep-22
- The PPC team actively encouraged Participants to respond to both consultations



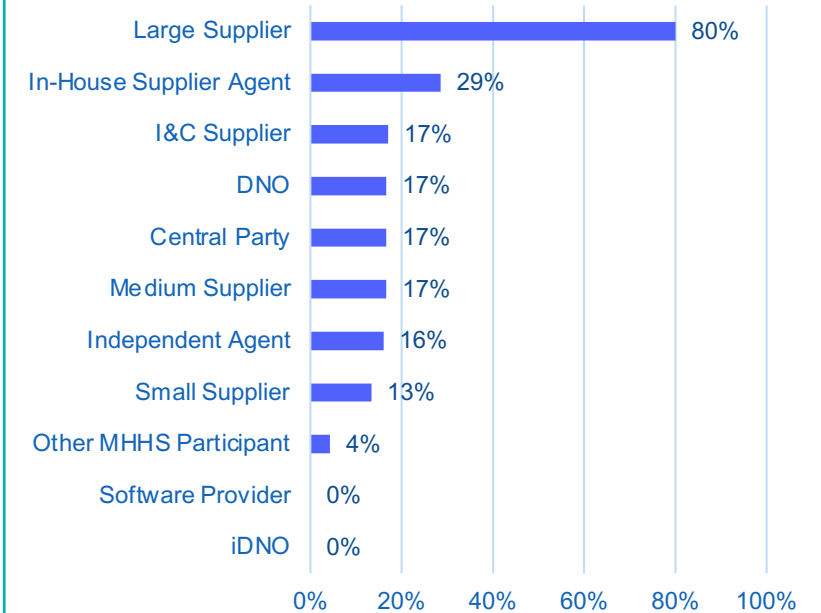
Webinars & Open Days

- The latest webinar for the Readiness Assessment 2 was held on 30-Aug-22, with **44** attendees. I&C Suppliers and Independent Agents had the greatest Participant attendance (**19%** and **16%** respectively) and Supply Agent and Central Party had the lowest (**1%**).
- **91%** of voters noted the webinar as 'Useful', and **9%** voted it 'Somewhat Useful'. In this instance **100%** of those who voted said the overall Webinar Series was 'Useful'.

Participant Engagement by Constituency

The PPC team held **19** 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



Immediate takeaways

Open Day sign ups

110

Actual Open Day attendees

84

Webinar attendees

100

Constituencies represented

91%


No. questions raised overall

93


Feedback on Open Day so far

81%
“Very/Extremely useful”


Key messages

 **Moving into new delivery phase**

At the last Open Day, the Programme moved away from **‘Why’**, into **‘How’** we are delivering this Programme. Going forward, the focus moves to participant delivery, and the Programme remains in place to support Participants move at pace.


 **Current market conditions**

The Programme recognises that the continuing market turbulence will strain Participants’ resources. Participants should engage with the Programme to help them understand how they can support Participants’ continued delivery.


 **Replan Engagement**

Your input is critical for us to ensure we have a realistic and viable delivery plan. Round 2 (12 – 30 September) is the best chance for you to have your say.

Key findings

 **Broad spectrum of knowledge**

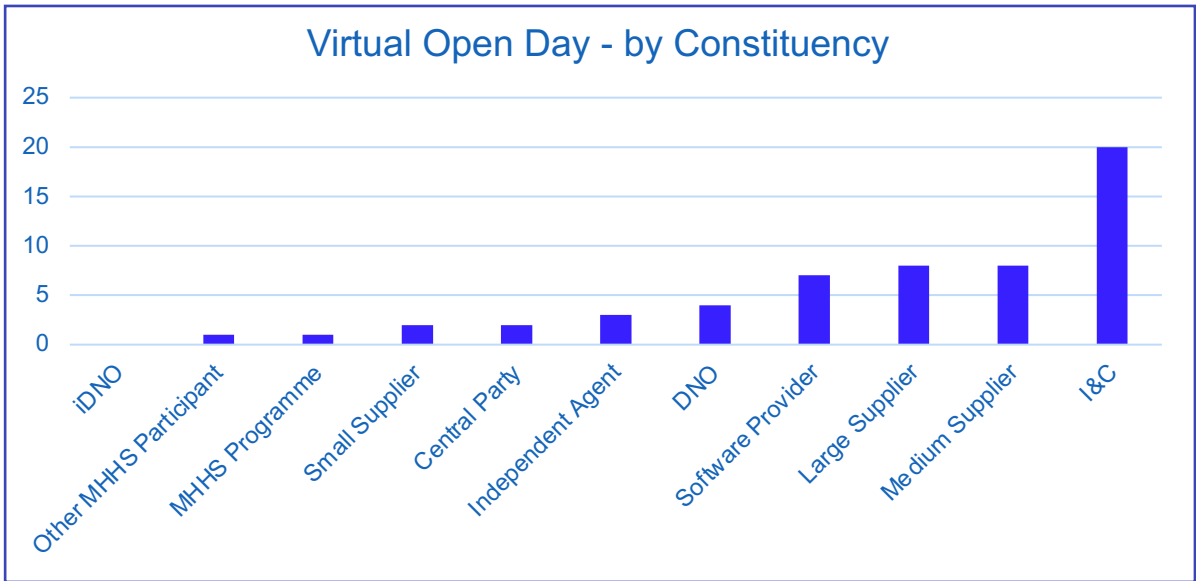
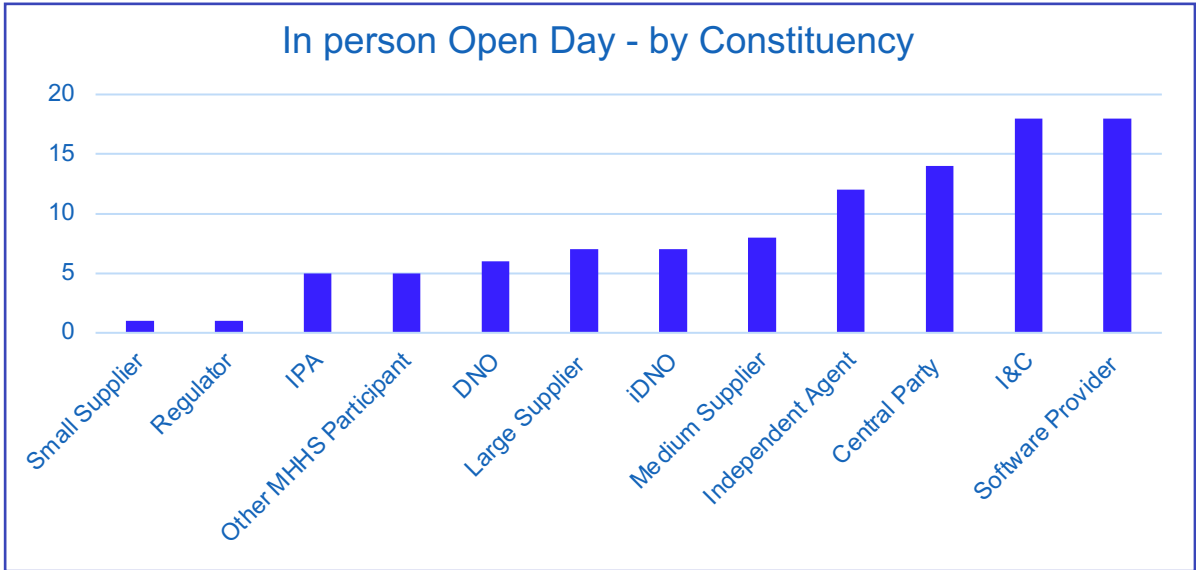
There is a very broad spectrum of Programme understanding across Participants. More experienced Participants felt that they learnt little new but newer Participants found it useful.

 **Open Day popularity**

Feedback so far has been very positive, with Participants who were in person continuing to value the usefulness of face-to-face engagement.

Considerations for future Open Days

Consider external speakers	Future Open Days could include a guest speaker from another industry which has recently undertaken an industry wide Programme, to see what lessons can be learned
Include Participant showcases	The Open Day could include more opportunities for Participants to share about their experience of MHHS, particularly those who are well mobilised. This worked well with Elexon at this Open Day.
Extend lunch break	For the in-person Open Day, the longer lunch break worked well to give ample opportunities for attendees to network.
Lesson Learned Stalls success	Participants responded well to Stalls, particularly now that they had a dedicated time on the agenda.
Lesson Learned Virtual tech challenges	There was an issue with the Pink Room where the in person Open Day was being muted on the call. In future we'll need to ensure that online attendees do not have permissions to do so



Summary

- The DIP technical requirements were approved virtually by DAG on 20 May
- Dialogue workshops, which included a proof-of-concept demonstration, have been held and following up clarifications and calls have been held with each shortlisted bidder. There continues to be a healthy and engaged response from bidders
- Best and Final Offers were received on time from shortlisted bidders
- Best and Final Offers have now been individually evaluated by the team comprising the SRO Function including Design Team, LDP SI team and Elexon as Enduring Service Owner
- Work is additionally underway to finalise the ongoing Run service management requirements for the DIP Service Provider
- The procurement process is now at a particularly commercially sensitive stage and so the Programme need to be purposely vague given a number of DIP bidders receive copies of this PSG update
- The DIP procurement remains on track, and we envisage to award a contract in Q4

Key dependencies

- Code changes for the Enduring Service Owner are requiring significant effort, given Ofgem's direction that the SCR process should be adopted for the Enduring Mod. While it has not been decided whether the DIP Service Provider will be a BSC Agent or not, the Elexon Board have confirmed they are prepared to authorise a contract with the eventual DIP Service Provider using the vires of the Enabling Mod

Risks

- No material risks at this time

Next milestone

- Early November – DIP Service Provider contract recommendation to be presented to Elexon Board for approval

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 MHHS to support embedded assurance - **In Progress**
- **MHHS Programme Plan (WP3)** - Embedded assurance in programme re-plan activity - **In Progress** - IPA report to be provided for 7 December PSG
- **Design Documentation (WP4)** - Embedded assurance in design activity - **In Progress** - IPA report to be provided for 2 November PSG

Stage-Based Assurance

- **Market Participants' Readiness for D&B (WP8)** - Assurance review of Readiness Assessment 2 - **In Progress** - IPA report to be provided for 2 November PSG



Upcoming Assurance Activities

Theme-Based Assurance

- **Assure Readiness for PIT (WP9), SIT (WP10), System Proving (WP11) & Completion of Migration (WP13)** - IPA approach to test assurance presented at MHHS Programme Open Day. Assurance activities to commence in 2023 in line with re-plan



Assurance Action Status

IPA Baseline Assurance Healthcheck

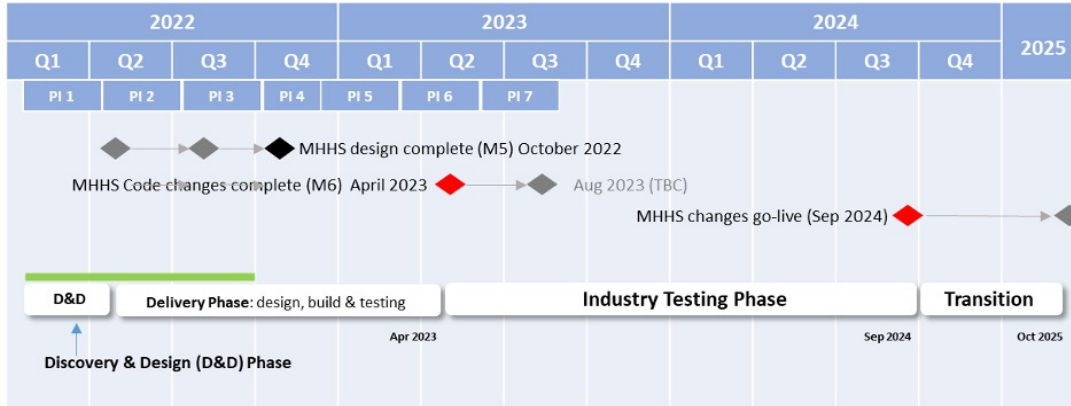
- 14 recommendations provided on Executive Summary:
 - 13 accepted and 1 rejected by MHHS Programme
 - 5 actions complete
 - 6 in progress and on track
 - 2 to be discussed

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



Helix is 5 months into the DBT phase and on track to deliver against the original MHHS plan. Delays with the MHHS design has caused some re-work, DBT progress is dependent upon resolution of TR4 comments and the MHHS re-plan will impact the Helix timeline and budget.



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	Impacted
Industry testing phase ends	27/09/2024	Impacted
Helix changes go-live	30/09/2024	Impacted
Transition phase starts	30/09/2024	Impacted
Transition phase ends	26/09/2025	Impacted

- Programme mobilisation completed 17 January and the 3 month Discovery & Design phase completed successfully on 19 April
- Now 5 months into the Delivery phase (DBT) where we are iteratively building & testing the changes for the new MHHS services
- Good levels of agile maturity, progress and collaboration between the programme teams which includes resources from Elexon, BJSS, CGI & Cognizant
- The regular programme wide solution demos show working software across the teams which is a real indicator of progress
- Helix DBT progress will be delayed if Tranche 4 comments aren't resolved by end October in line with the M5
- The Tranche 4 review has identified a number of items that will cause re-work to what has already been built and tested. Impact assessments in progress to understand the amount of re-work effort. The risk of re-work will continue until all MHHS designs, including the Transition design, are baselined
- The MHHS re-plan will impact the Helix timeline and budget. Options being assessed to minimise the cost impact of the MHHS timeline delays

	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	1.10	1.09	1.23	1.63	1.62	1.67	1.55	1.49	1.55	4.59*	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	1.75	1.94	2.13	2.07	1.17					7.71	19.80
Helix Actual/Forecast	0.96	1.98	1.82	1.91	2.09	2.04	1.17					7.83	19.84
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	0.01	0.01	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.28
Total Budget	2.24	3.24	3.02	3.18	3.38	3.74	2.77					15.23	40.76
Total Forecast/Actual	1.99	2.90	2.93	3.01	3.35	3.70	2.82					15.28	40.63

Please note:

- * : Includes contingency
- RECCo and DCC costs include only 3rd party costs (do not include internal resources)
- Helix Actuals only provided to June 2022. Helix budget is approved to October to the end of PI3. Total Budget for specifically Helix costs for the year amounts to £16.2m, with £3.6m specifically for SVAA re-development.
- DCC data subject change when service providers are contracted after Change Board decision.

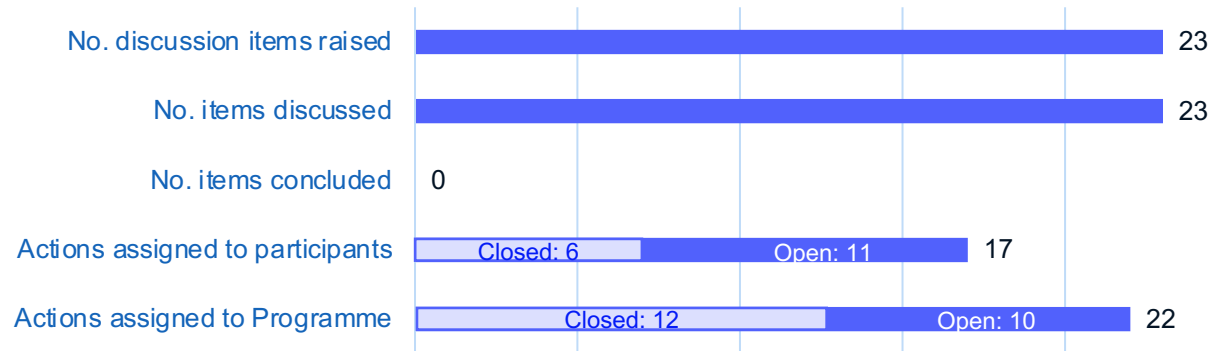
Industry change

Industry change
Updated to 28/09/22

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

CCIAG metrics

The following graph summarises consequential change activity taking place via the CCIAG



Key topics under discussion

- Removal of EACs and AAs
- Removal of SSCs and TPRs
- Related MPAN definition
- Settlement performance assurance
- Supplier exception processes
- Linking import/export meters
- SDEP messaging
- CCIAG meeting papers available [here](#)

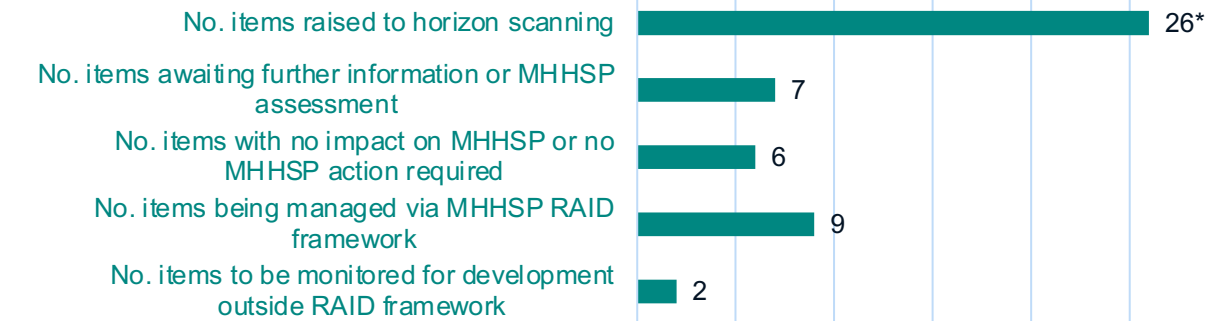
Magnitude of items

The CCIAG's assessment and categorisation method is still under development, however no matters have yet been raised which require a Programme Change Request or other significant change to MHHS design artefacts.

The majority of matters currently under discussion by the CCIAG relate to the Retail Energy Code and Supplier processes based on data items which will be removed under MHHS – as such, there are ramifications for participants and the Programme is collaborating via CCIAG to mitigate these. Industry Standing Data (ISD) and performance assurance are also under discussion.

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: 21 – REC: 8, BSC: 7, SEC: 3, DCUSA: 3

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

Critical horizon scanning items – High: 5, Medium to High: 3, Medium: 2, Low: 11

Top RAID linked items:

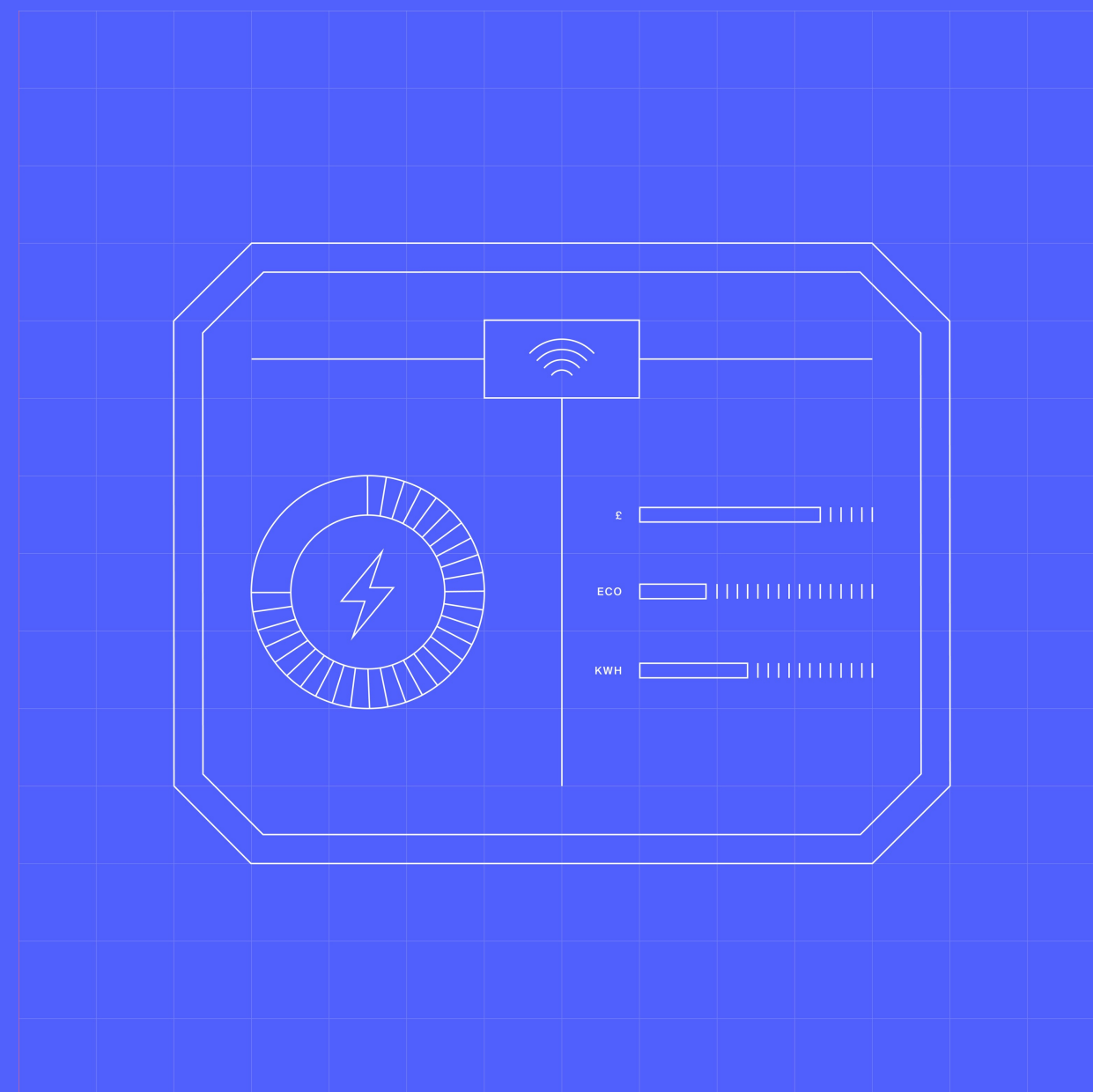
- **SEC MP162** (R0011, R0083, R0113, R0115, R0116, R051, R0182, R0191, D0076, D0077)
- **BSC CP1558** (R0200, D0068) • **REC R0032** (D0068, D0069) • **REC R0044** (D0055)

Summary and next steps

INFORMATION: Summarise actions and decisions.
Look ahead to November PSG

Chair and Secretariat

5 mins



1. **Confirm actions and decisions from meeting**
2. **Date of next PSG: 02 November 2022 10:00 - 12:00**

Current agenda items:

1. Minutes and actions Review
2. M3 decision
3. M5 decision from the Design Advisory Group (DAG)
4. Programme replan progress and decision on Round 3 replan consultation start (pending October PSG decision on approach)
5. Key Programme issues – MP162 and migration
6. Update on Control Point 1
7. Programme Dashboards

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