



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

Programme Steering Group #6

06 April 2022

Version 1.0

MHHS-DEL 319

Document Classification: Public

Agenda

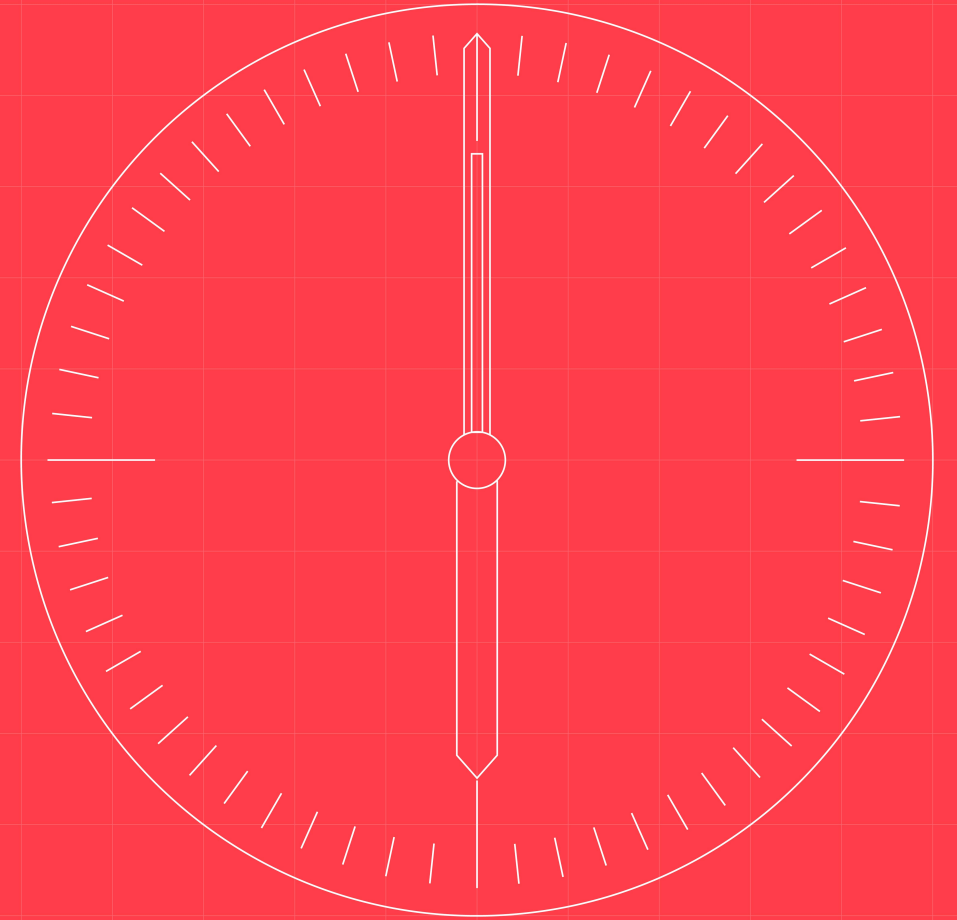
#	Item	Objective	Type	Lead	Time	Page
1	Welcome			Chris Welby	10:00-10:05 5 mins	1
2	Minutes and Actions Review	Approve March minutes. Update on open actions, closing where appropriate.	Information	Chris Welby	10:05-10:10 5 mins	3
3	CR001 and CR002 (slides to follow on 01 April)	<ul style="list-style-type: none"> Review the outputs of CR001 Impact Assessments Review the outputs of CR002 Impact Assessments SRO to make a recommendation for CR001 and CR002 to submit to Ofgem for a decision 	Discussion Decision	Keith Clark Chris Welby	10:10-10:55 45 mins	7
4	Readiness Assessments	Provide an update on Readiness Assessment activity ahead of the full report.	Information	Keith Clark	10:55-11:05 10 mins	8
5	Data Integration Platform (DIP) update	Provide an update on DIP progress.	Information	Warren Fulton	11:05-11:20 15 mins	11
6	Additional Programme updates	<ul style="list-style-type: none"> Change Board Rebaselining of the plan MHHS Open Day Change Control process sign off Helix, DCC and REC budgets 	Information	Chris Welby	11:20-11:30 10 mins	14
7	Programme Dashboards	Take questions from PSG members on Programme dashboards.	Information	Chris Welby	11:30-11:35 5 mins	17
8	Summary and next steps	Agree actions. Look forward to May's PSG.	Information	Chris Welby	11:35-11:40 5 mins	26

Minutes and Actions Review

Objective: Approve March minutes. Update on open actions, closing where appropriate

Chris Welby

10 mins



Minutes and Actions Review (1 of 3)

1. **Approval of Minutes** from 02 March ([PSG Meeting Minutes - 02 March 2022](#)) and 11 March ([PSG Meeting Minutes - 11 March 2022](#))
2. **Open Actions and Actions from PSG 02 March and 11 March**
 - Actions will be discussed by exception. Please review the action updates ahead of the meeting
 - Actions to be highlighted for update by the Programme: PSG05-11, PSG05.1-02

Ref	Date	Action	Owner	Due Date	Status
PSG01-06	10/11/2021	Programme to provide a more detailed understanding of the transition plan to programme participants.	Programme PMO	Qtr2 2022 (part of rebaselining exercise)	OPEN: Information to be provided as part of full mobilisation and the rebaselining activities. This remains open and will do so until the replan, currently scheduled for Q2 2022
PSG04-06	02/02/2022	Review mobilisation of a 'Comms and Engagement' governance group in May PSG	Chris W	04/05/2022	OPEN: for review in May PSG
PSG05-01	02/03/2022	Discuss with supplier reps the process for capturing consumer issues, to ensure consumer issues are being noted and addressed (as a follow up to action PSG04-02)	Andrew M	06/04/2022	OPEN: discussion planned with Supplier reps.
PSG05-02	02/03/2022	Share information relevant to the supplier plan delay proposal (e.g. design roadmap and plan to July) with PSG members for consideration in preparation for upcoming Change Requests. Schedule sessions with PSG members as required	Keith	11/03/2022	CLOSED: Sessions held and information shared with relevant parties ahead of 11 March PSG
PSG05-03	02/03/2022	Schedule extraordinary PSG for the 11 th March	PMO	03/03/2022	CLOSED: Held 11 March 1400-150
PSG05-04	02/03/2022	Share the Change Request impact assessment template with PSG members ahead of 11 th March PSG for information	Jason B	11/03/2022	CLOSED: Shared 04 March (ahead of the 11 March extraordinary PSG)
PSG05-05	02/03/2022	Provide feedback to constituency members on planned next steps and relevant information for the upcoming Change Request. Advise constituency members to prepare to complete impact assessments	Con reps	11/03/2011	RECOMMEND CLOSED: Change Requests issued and Impact Assessment deadline closed
PSG05-06	02/03/2022	Review representative attendees in the Change Board ToR (to justify or amend EDA Vendor)	Lewis H	06/04/2022	RECOMMEND CLOSED: ToR have been reviewed and amended as per PSG comments (EDA Vendor and Commercial Reps have been removed)

Minutes and Actions Review (2 of 3)

Ref	Date	Action	Owner	Due Date	Status
PSG05-07	02/03/2022	Take the Programme Cooperation Principles and Ways of Working to CCAG. Ask code bodies to socialise with relevant parties	Andrew M	23/03/2022	RECOMMEND CLOSED: Cooperation principles socialised with CCAG
PSG05-08	02/03/2022	Provide feedback at April PSG on how the programme has done/is doing stakeholder engagement in relation to the Cooperation Principles	Jason B	06/04/2022	RECOMMEND CLOSED: Feedback will be sought from all PPs via Impact Assessment through Change Control. Change Request was approved for IA to Change Board 24 March and will be distributed to CCAG as well as contact points for IA.
PSG05-09	02/03/2022	Review the format and content of the PPC status dashboard	Programme	06/04/2022	OPEN: All Programme dashboards have been reviewed and updated. See Agenda item 8. Further updates are planning to the PPC dashboard
PSG05-10	02/03/2022	Circulate the full RAID Log to PSG members	PMO	03/03/2022	CLOSED: Shared with PSG members alongside March PSG Headline Report. No feedback received
PSG05-11	02/03/2022	Collate views of PSG members on their preference for in-person attendance to PSG	PMO	03/03/2022	OPEN: For discussion in April PSG. The Programme recommends continuing with hybrid meetings (all attendees welcome to join in the Elexon office), with a formal quarterly face-to-face promoted.
PSG05-12	02/03/2022	Review PSG ToR to ensure ToR are 'delivery focused'	Jason B	06/04/2022	OPEN: Reviewed in recent MHHS Governance Framework review and updated to be more of a Programme Board.
PSG05-13	02/03/2022	Move 1 st June PSG to following Wednesday PM (8 th June)	PMO	06/04/2022	CLOSED: moved to Weds 8th June 2022 1400-1600 (to avoid potential clash with DAG)
PSG05.1-01	11/03/2022	Provide guidance/principles for how CR001 and CR002 may impact later milestones and go-live to inform Programme Participant's Impact Assessments (note: this will not form part of the Programme's own Impact Assessment)	Programme (PMO)	18/03/2022	CLOSED: Shared with principal contacts of all organisations on 17/03/22. Please prepare any feedback from your constituents on Change Control process ahead of May PSG and share with the PMO to inform the discussion (action PSG05.1-02)
PSG05.1-02	11/03/2022	Review the Change Control process (e.g., Change Request form, Impact Assessment requirements, Change Board) using this first Change Request experience as a means of gathering feedback. Gain PSG member views as part of review process	Programme (SRO)	04/05/2022	OPEN: For discussion in May PSG. Please prepare any feedback from your constituents on Change Control process ahead of May PSG and share with the PMO to inform the discussion

Minutes and Actions Review (3 of 3)

Ref	Date	Action	Owner	Due Date	Status
PSG05.1-03	11/03/2022	Share Impact Assessment requirements with Programme Participants following review by Ofgem	Programme (PMO)	14/03/2022	CLOSED: Shared in extraordinary PSG Headline Report. Please prepare any feedback from your constituents on Change Control process ahead of May PSG and share with the PMO to inform the discussion (action PSG05.1-02)
PSG05.1-04	11/03/2022	Raise CR001 and CR002 for impact assessment	Programme (PMO)	11/03/2022	CLOSED: raised by PMO for Impact Assessment on 11 March
PSG05.1-05	11/03/2022	Share Change Requests and Impact Assessments with constituent members. Support constituent members to complete Impact Assessments as appropriate. Ensure Impact Assessments are returned to the PMO by or before 25 March	Constituency reps	25/03/2022	RECOMMEND CLOSED: Change Requests issued and Impact Assessment deadline closed

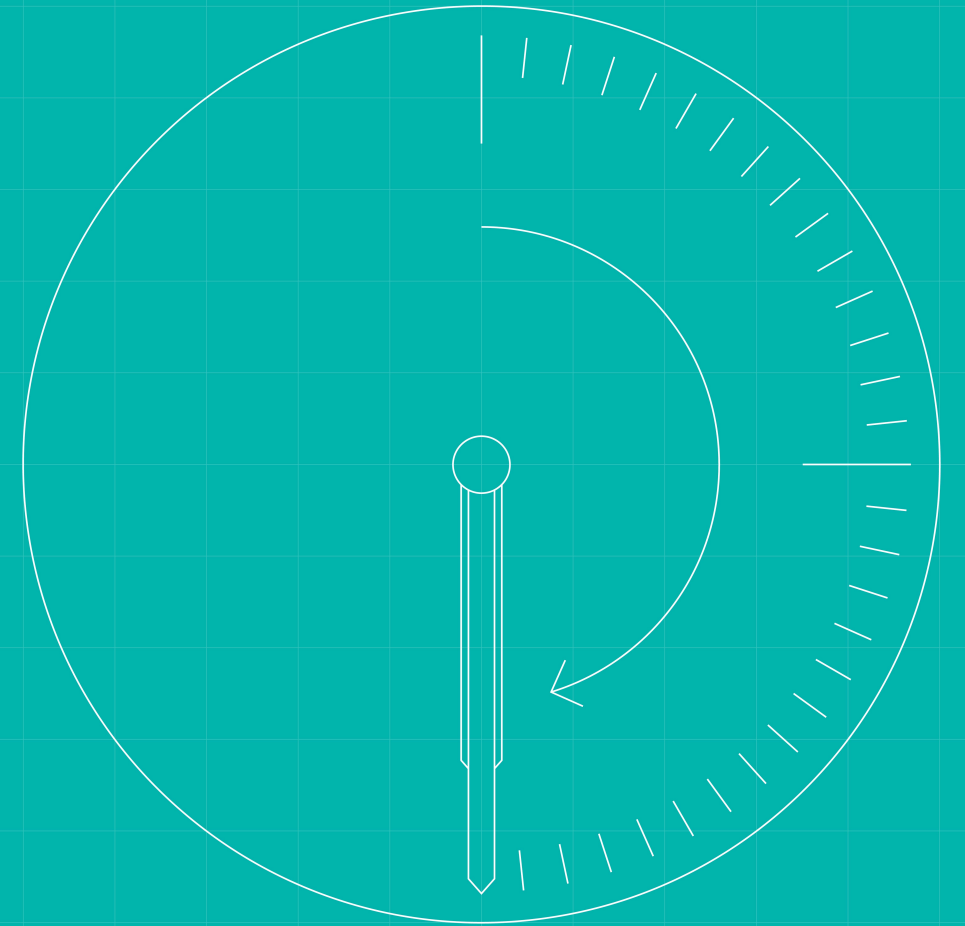
CR001 and CR002

(slides to follow on 01 April)

- Review the outputs of CR001 Impact Assessments
- Review the outputs of CR002 Impact Assessments
- SRO to make a recommendation for CR001 and CR002 to submit to Ofgem for a decision

Keith Clark

45 mins

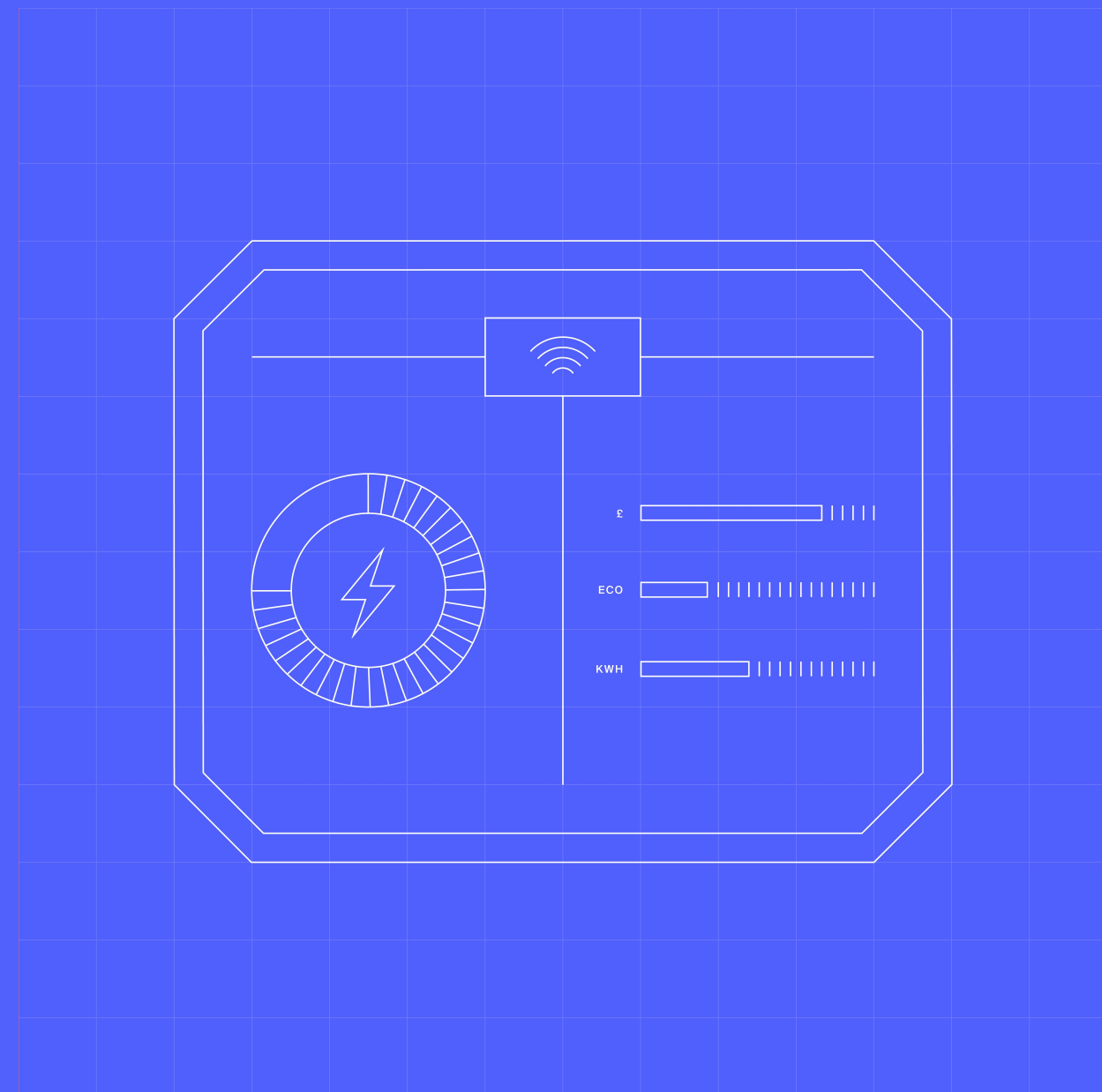


Readiness Assessments

Provide an update on Readiness Assessment activity ahead of the full report

Keith Clark

10 mins



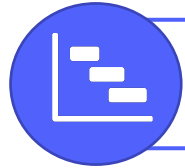
RA1 Summary (slide 1 of 2)

What were the key things measured in RA1?



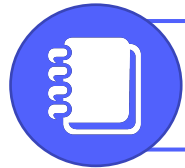
Engagement

Responding to RA1 is seen as an indicator of engagement with the Programme.



Programme Plans

RA1 tested whether Participants have mobilised to the extent of preparing plans for the delivery of MHHS.



Six Points of Contact

Six points of contact were requested in RA1 to determine if key roles have been filled at this stage.



Risks & Mitigations

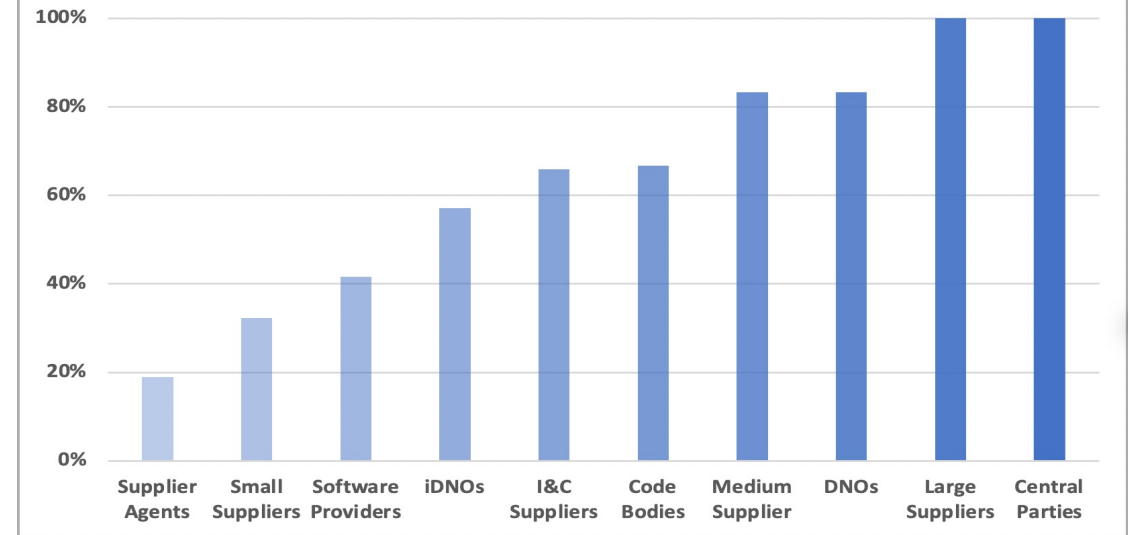
RA1 asked Participants to demonstrate that they have given thought to the main Programme risks and mitigations.



Business Case Approval

Participants were asked to confirm that their business case is signed off, with funding in place to start work.

RA1 Response Rate by Constituency



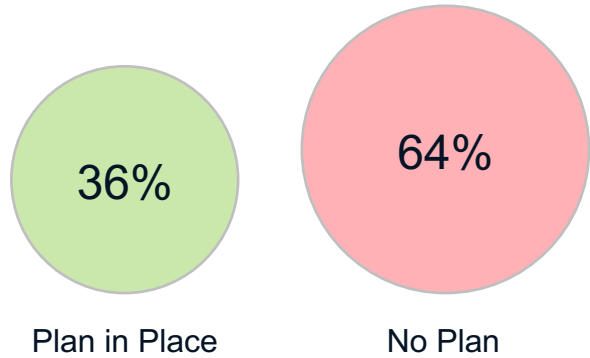
Summary:

- The overall response rate in RA1 was **46%**, comprising **86** of the **189** Participants asked to respond.
- The trend in Supplier responses was that larger suppliers were much more likely to respond than smaller ones (**100%** Large, **83%** Medium, **66%** I&C and **32%** Small).
- All **3** Central Parties responded, as did **83%** of DNOs.
- Supplier Agents had the lowest response rate at **19%**, although this is likely to be driven by a low response rate from MOPs who are expected to be largely unaffected by MHHS.
- Whilst Software Providers had a low response rate at **42%**, those who did reply often responded on behalf of multiple Small / /Medium / I&C Suppliers (**14** in total).

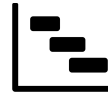
RA1 Summary (slide 2 of 2)

Programme Plans

What % of Participants have a Programme Plan?

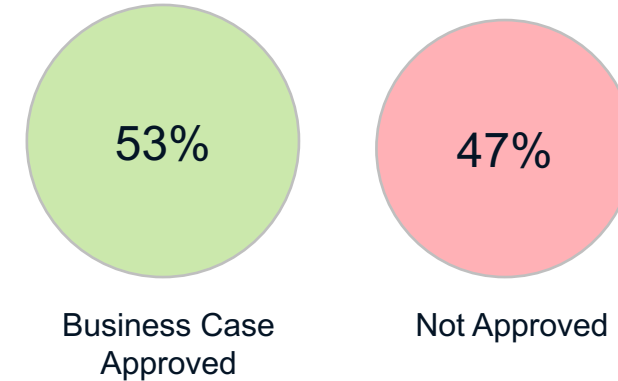


Constituency	%
Small Suppliers	18%
Medium Supplier	20%
I&C Suppliers	26%
iDNOs	38%
Software Providers	40%
DNOs	40%
Large Suppliers	40%
Supplier Agents	50%
Code Bodies	100%
Central Parties	100%



Business Case & Funding

What % of Participants have an approved Business Case?

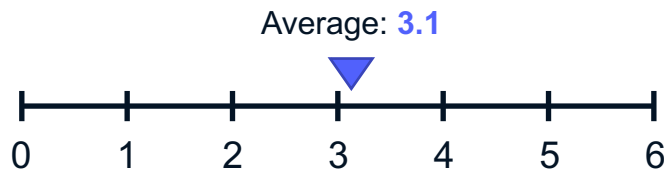


Constituency	%
Small Suppliers	18%
Medium Supplier	20%
I&C Suppliers	26%
iDNOs	38%
Software Providers	40%
DNOs	40%
Large Suppliers	40%
Supplier Agents	50%
Code Bodies	100%
Central Parties	100%



Risks & Mitigations

What is the average 1-6 score for preparation of a RAID log?

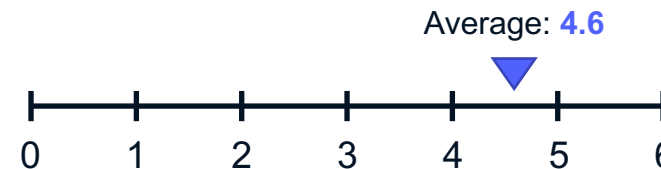


Constituency	Avg.
Small Suppliers	1.9
Medium Supplier	2.5
iDNOs	2.9
I&C Suppliers	2.9
Software Providers	3.0
DNOs	3.4
Large Suppliers	3.4
Supplier Agents	3.7
Code Bodies	5.5
Central Parties	6.0



Six Points of Contact

What is the average 1-6 score for providing Six Points of Contact?



Constituency	Avg.
I&C Suppliers	4.1
Medium Supplier	4.1
Large Suppliers	4.3
Small Suppliers	4.3
iDNOs	4.8
Software Providers	4.8
Code Bodies	5.0
DNOs	5.2
Supplier Agents	5.4
Central Parties	6.0

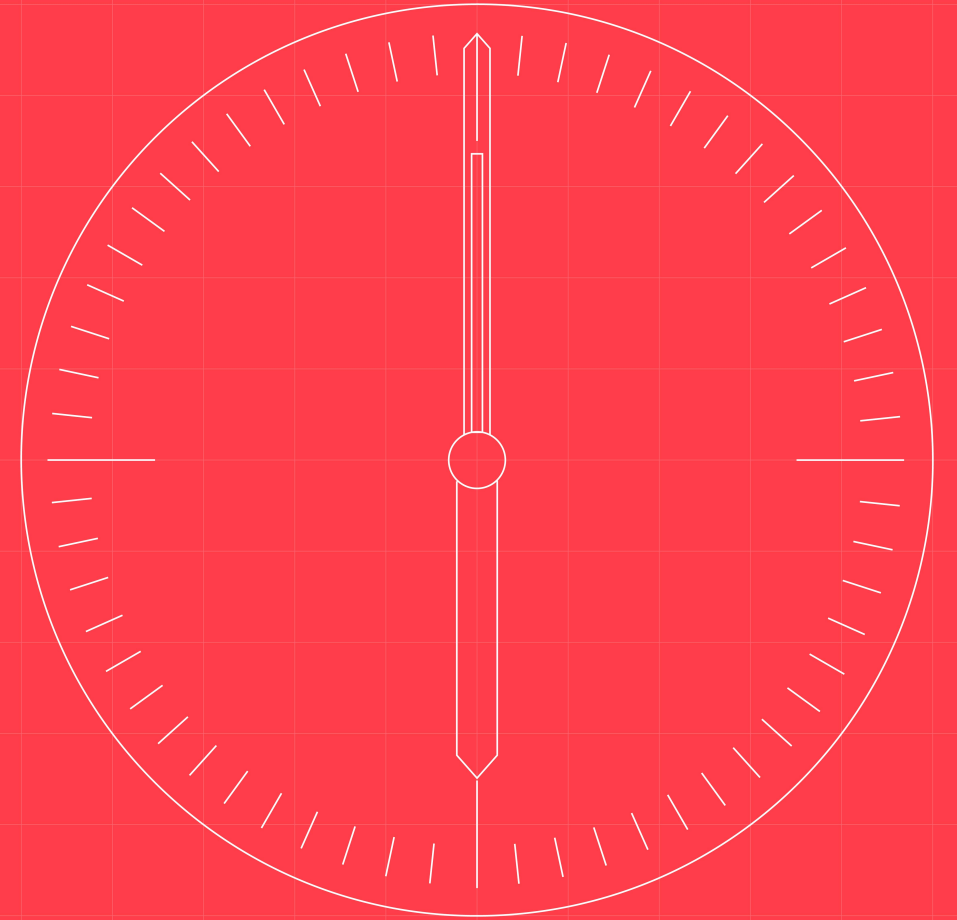


Data Integration Platform Update (DIP)

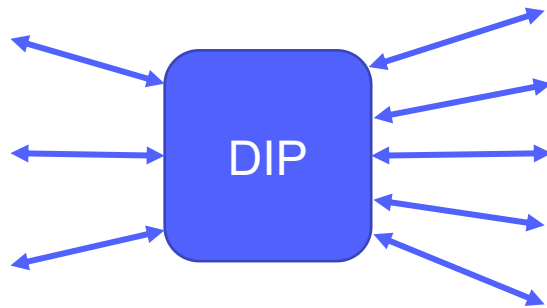
Provide an update on DIP progress

Warren Fulton

15 mins



The Data Integration Platform (DIP) is a platform that enables data from multiple sources to be collected, sorted, transformed and routed to specific users. The DIP is not a replacement of the DTN.



The DIP is in essence a 'postal service'. It routes mail (data) to customers. Like the Royal Mail, the DIP does not write the letters or decide who they are sent.

- Elexon (IM) is responsible for Procurement, Design, Build and Test of the DIP
- The enduring service owner (ESO) is responsible for Run and Maintain of the DIP
- Ofgem's decision on the DIP ESO is expected in mid-April 2022 (RECCo or Elexon)
- DAG have approved the DIP design (subject to caveats)
- Both ESO's have been involved in developing the RFP and providing their commercial and service management requirements
- The appointed ESO will be included in the RFP evaluation, dialogue sessions, preferred bidder recommendation and contract negotiations
- Funding for Procurement, Design, Build, Test resides with Elexon (IM) as part of the MHHS Programme budget
- Funding for Run and Maintain will reside with the appointed ESO, subject to code changes

Summary of milestones

- Issue RFP 1 April 2022
- Bidders Conference 7 April 2022
- Recommendation of shortlist 17 June 2022
- Dialogue Workshops Early July 2022
- BAFO responses Mid-to-late July 2022
- Recommendation of Contract Award Mid- Aug 2022
- Contract signed Mid- Sep 2022

Key dependencies

- The appointment of the ESO is required before the RFP response evaluation commences in May 2022
- Code changes for the ESO are required to be in place by June 2022 to support the dialogue sessions and BAFO

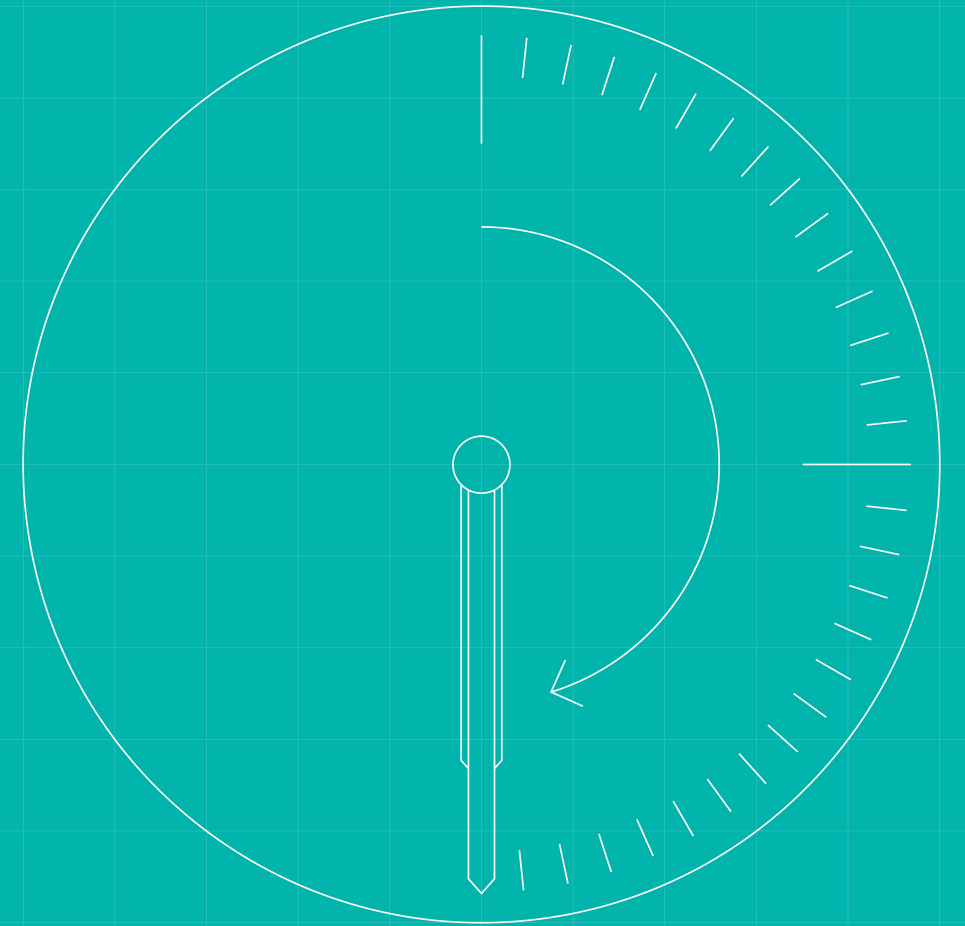
Progress

- Procurement strategy approved
- Bidders identified and engaged – with ESOs input
- RFP document set developed – with LDP and ESOs input
- Functional, Non-Functional and E2E Security requirements developed – with WGs, LDP, ESOs and DAG input
- Draft design requirements shared with bidders and feedback incorporated in design reviews
- Contract drafted by external legal firm – with ESOs and Elexon Legal input
- Evaluation team will comprise MHHSP, LDP and ESO representatives
- Potential conflicts of interest addressed regarding certain bidders sitting on TDWG and SDWG and potentially being able to influence the requirements/procurement process

Additional Programme updates

Chris Welby

10 mins



Additional Programme updates

Change Board

- **CR003 CCAG proposal for changes to M6 and M7:** reviewed at Change Board 24 March and issued for Impact Assessment on 29 March
- **CR004 Programme proposal to update TMAG ToR:** reviewed at Change Board 24 March and approved as a housekeeping change (ToR already approved at TAG)
- **CR005 Adding cooperation principles to MHHS Governance Framework:** Reviewed at Change Board 24 March and issued for Impact Assessment on 29 March

Rebaselining of the plan

- The Programme team is developing a revision of the current programme plan, which will form the basis of a plan to be provided for consultation soon after M5, with the intention of re-baselining the existing plan
- The Programme are looking for volunteers from Programme Participants, to be involved in this planning activity at an early stage

MHHS Open Day

- MHHS Open Day is planned for 1000-1600 Thursday 21 (in-person, Elexon office) or 1030-1230 Friday 22 (virtual) April
- The Open Day will provide understanding of where the Programme is to date, give the opportunity for questions and queries to be answered and include a wide range of speakers, including from Ofgem, Citizens Advice, and the Independent Programme Assurance (IPA) provider.
- Please sign up via the [open day event site](#)

Change Control process

- Verbal update to be provided on progress of Change Control process sign off

Central System Budgets

- See following slide for MHHS Programme, Helix (Elexon), DCC and RECCo budgets for 2022/23

Central System Programme Costs 2022/23

Whilst the Programme cannot collate the total costs across the Industry, it was agreed that the Programme would collate the total costs of the central programmes to give parties sight of the expected total cost of delivery.

The central programme costs for next year 2022/23 are (using public domain information):

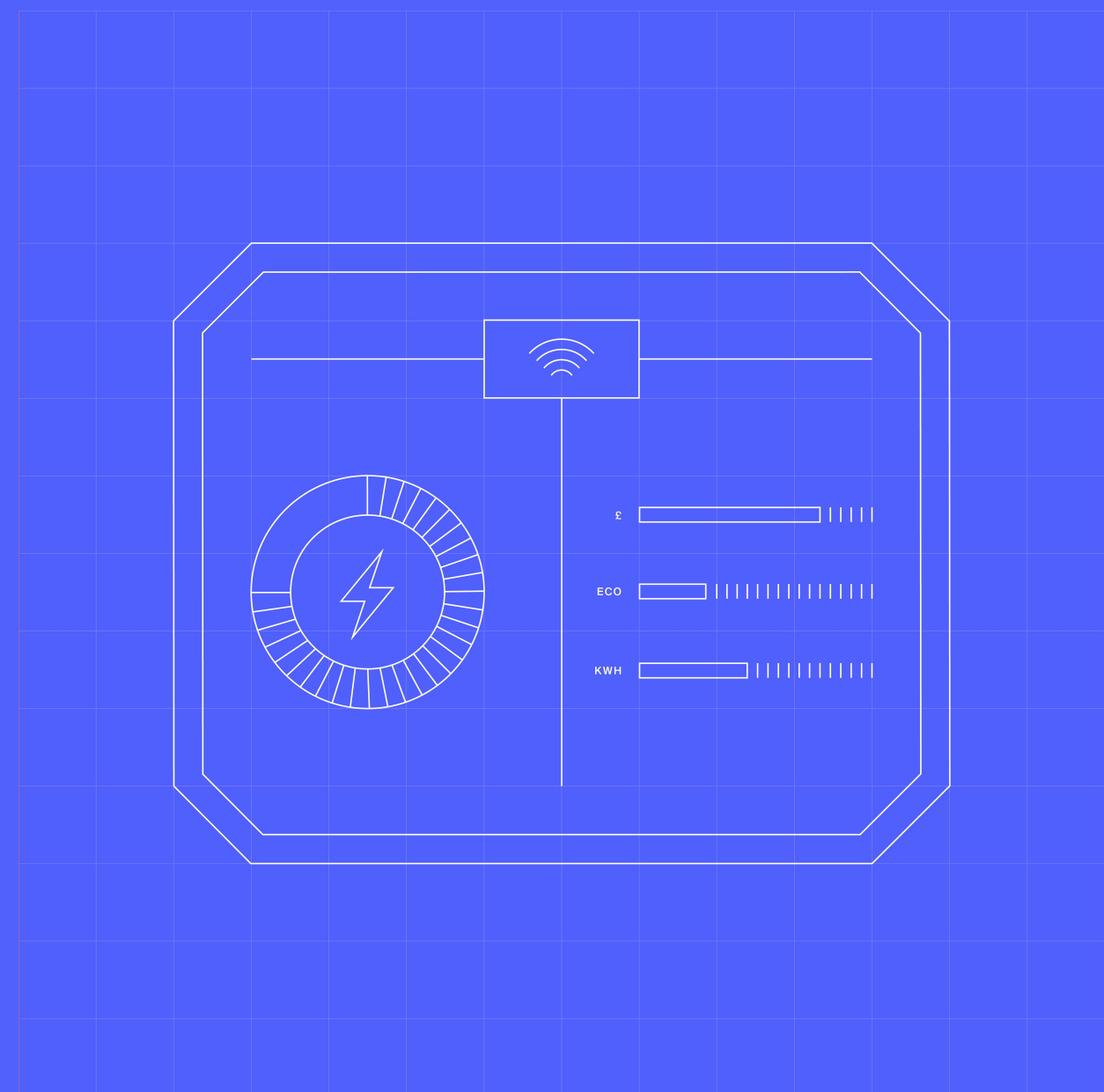
MHHS Programme	£19.5m
Helix (Elexon)	£16.2m
DCC	£9.3m
RECCo	£0.5m
Total	£45.5m

Programme Dashboards

Take questions from PSG members on Programme dashboards.

Chris Welby

5 mins



The MHHS Programme is using a number of dashboards to monitor the status and progress of the Programme and its core workstreams

	Dashboard title	Purpose	Page
Programme Level	Milestone Status	Provides an overview of Programme progress against planned milestones	19
	Risk and Issue themes	Provides a high-level view of Programme RAID Management and current Risk and Issue themes	20
	Finance	Provides an overview of actual and forecast Programme expenditure against plan	21
Workstream Level	Advisory Group Updates	Provides an update on key discussion items and outcomes from this month's DAG, CCAG and TMAG	22
	Design	Provides the current status of Programme design activities and gives a forward look of artefact pathways	23
	PPC	Provides information on PPC activity, status of Participant engagement and the themes seen in PPC discussions	25

Level	Milestone		Milestone Date		Status	Actions	Previous RAG	Current RAG
			Baseline	Forecast				
1	M5	Physical baseline design delivered	29-Apr-22	TBD	<ul style="list-style-type: none"> Current baseline date will not be met 	<ul style="list-style-type: none"> CR001 and CR002 under consideration after impact assessments received by/before 25-Mar-22 CR001 and CR002 to be discussed at April PSG and recommendations made to Ofgem 	Red	Red
	M3	Design, Build Start (Suppliers)	31-May-22	TBD	<ul style="list-style-type: none"> Suppliers (all constituencies) generally not mobilised (with some exceptions), although some programme engagement is happening in design activities 	<ul style="list-style-type: none"> Most suppliers state that they will not fully mobilise until Sept-22 (per CR002) Readiness Assessment 1 will verify 	Red	Red
1	M6	Code change and detailed design recommendations	29-Apr-22	TBD	<ul style="list-style-type: none"> Current baseline date will not be met – this milestone is dependent on M5 	<ul style="list-style-type: none"> CR003 raised and agreed for impact assessment via CCAG. Proposed to be renamed as ‘Code changes baselined’ and moved to 9 months after M5 		Red
	M7	Smart Meters Act powers enabled	31-May-22	TBD	<ul style="list-style-type: none"> Current baseline date will not be met – this milestone is dependent on M6 	<ul style="list-style-type: none"> CR003 raised and agreed for impact assessment via CCAG. Proposed to be moved to 10 months after M5 		Red
	M5 + 3	Industry re-plan	29-Jul-22	TBD	<ul style="list-style-type: none"> Not in Implementation Timetable; programme has proposed re-plan to be agreed 3 months after M5 	<ul style="list-style-type: none"> Depends on outcome of decision on CR001 and CR002 	Red	Red
	M8		30-Nov-22	TBD	<ul style="list-style-type: none"> Due to the intention of CR001, CR002 and CR003 this date will be delayed 	<ul style="list-style-type: none"> Per CR003 proposal, A change to M8 will be included in the programme re-planning activity after M5 	Red	Red
	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; mobilisation to be completed 	<ul style="list-style-type: none"> IPA Framework (IPAF) and IPA Ways of Working still to be agreed 	Amber	Red
1	M9	Cross-Industry Integration Testing Start	31-Aug-23	TBD	<ul style="list-style-type: none"> To be determined during the programme re-planning activity to be conducted after M5 	<ul style="list-style-type: none"> None at this time 	Amber	Amber
	M3	Design, Build Start (DNOs, iDNOs)	31-May-22	31-May-22	<ul style="list-style-type: none"> Engaged with design activities 	<ul style="list-style-type: none"> Verification via Readiness Assessment 1 	Green	Green
	M3	Design, Build Start (Agents)	31-May-22	31-May-22	<ul style="list-style-type: none"> Engaged with design activities 	<ul style="list-style-type: none"> Verification via Readiness Assessment 1 	Green	Green
	M3	Design, Build Start (DCC)	28-Feb-22				Met	Met
	M3	Design, Build Start (Elexon)	31-Aug-21				Met	Met

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

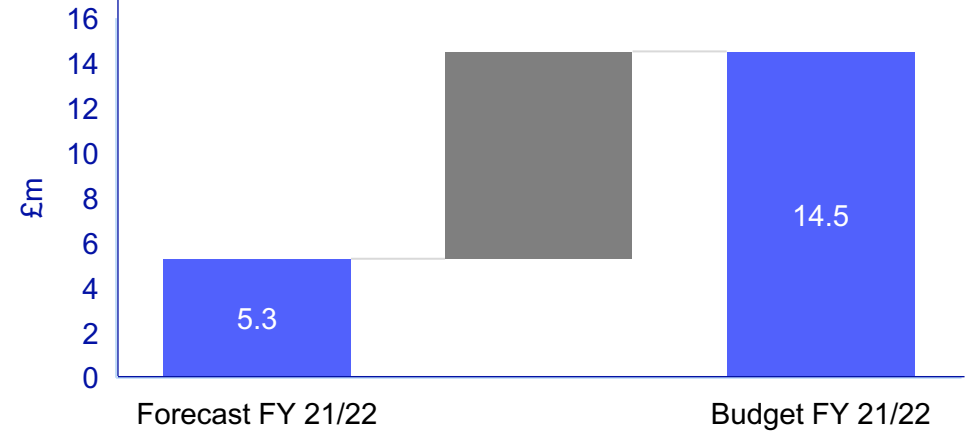
The Programme have analysed the items captured in the RAID log and have identified the following priority Risk themes:

#	Theme	Description	Mitigation Approach	Relevant IDs
1	Supplier engagement and mobilisation	Suppliers may not be mobilised early enough to reach the M3 date of May-22 in the Ofgem timetable	<ul style="list-style-type: none"> • Early engagement (via SRO Function and PPC) with Reps and Supplier contacts to support Supplier planning and ensure the timetable is understood and can be maintained • Based on suppliers' proposal to delay the programme timetable, identification of any alternative options (to reach M5 and M3) - to be considered at March PSG based on risk, and impact (on all Participants) • April PSG decision on whether the current timetable may be maintained or revised (after consideration of options to agree on the forward timetable to M5 and M3) • Possible escalation to Ofgem if PSG concludes that the timetable must be materially delayed 	R005,R006,R016, R017,R018,R020, R022,R028,R029, R030,R034,R065, R067,R072,R078, R081,R082,R090, R106 I005, I002
2	MHHS physical design stability post-M5	The MHHS physical design may be changed materially after it is baselined at M5 if there is inadequate engagement of Participants (especially Suppliers) before then	<ul style="list-style-type: none"> • Encourage targeted engagement from all Participants – via the provision (during working groups) of a clear timetable for all artefact pathways to ultimate DAG approvals • Ensure Suppliers have sufficient knowledge about priority aspects of the emerging MHHS design to enable they have opportunity to influence the intended physical design before M5 • All Participants to identify any design assumptions they are making as they mobilise, to ensure they are tracked and dispelled during the design working group activities (and DAG to review any remaining ones as part of final risk-based decision to baseline the design) 	R001,R027,R094, R108
3	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 Apr-22	<ul style="list-style-type: none"> • Encourage adequate engagement from all Participants – via the provision (during working groups) of a clear timetable for all artefact pathways to ultimate DAG approvals • Exceptional targeted sessions where needed (outside working groups), to manage risk related to any design complexities or specific Participant challenges / queries • Early escalation of any design activities that start to drift 'off track' vs. working group plans • Increase the frequency of DAG meetings 	R004,R075,R076, R092, R107
4	Programme planning and schedule	The Programme timelines may extend as a result of the re-baselining of the plan at M5+3 and the ability to re-baseline in a timely manner.	<ul style="list-style-type: none"> • Ensure detailed planning and reviews undertaken to determine best possible timeline for the Programme. • Engage industry volunteers at the earliest opportunity in drafting early iterations of the re-plan to reduce the likelihood of industry push-back when the re-plan is issued for industry consultation • Consider options for issuing the proposed plan for re-baselining earlier to provide Programme parties with additional time to engage in industry consultation whilst reviewing their technology strategies. • Undergo two rounds of industry consultation so that when the re-plan seeks an approval decision at the PSG, the content is agreed upon and uncontroversial 	R007,R025,R069, R073,R079,R080, R110

There are no other RAID items or themes to raise to the PSG this month.

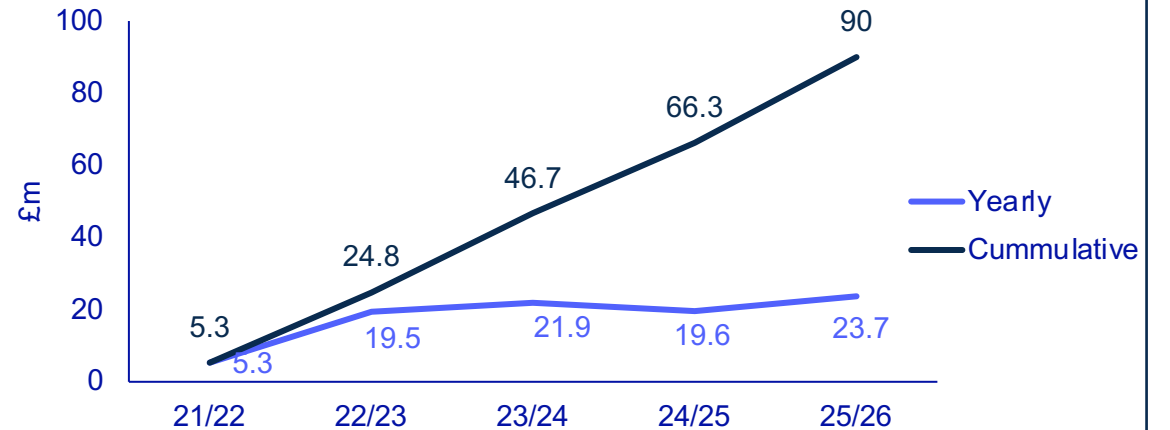
2021/22 forecast vs budget

	Forecast FY 2021/22	Budget FY 2021/22
Programme Expenditure	£5.3M	£14.5M



Total Programme Budget

	2021/22	2022/23	2023/24	2024/25	2025/26	Total
Forecast Expenditure	£5.3M	£19.5M	£21.9M	£19.6M	£23.7M	£90M



DAG**Updates from 09 March 2022, Extraordinary meeting
17 March 2022 and 23 March 2022**

1. **Terms of Reference (ToR)** – The DAG approved updates to the ToR to include provision for instances where the group may decide to deviate from the design principles (e.g., conflict between principles, etc.). This will be enacted via a Change Request.
2. **Level Playing Field Principle** – Extraordinary meeting discussed whether [SEC MP162](#) sufficiently enacts the design principle that market participants will be able to offer the same levels of service for the same MHHS service. Discussion focused on the Target Response Times (TRTs) for Meter Data Retrieval (MDR) service requests and whether there was an essential need for TRTs of <24 hours. The Smart Meter Segment Sub-Group (SDS) must determine this and report back to DAG.
3. **DIP Functional Specification and Non-Functional Requirements documents** – DAG approved the issuance of the v1.0 documents to prospective DIP service providers as part of the Request for Proposal. The documents will be updated following feedback from bidders and comment from DAG members, although the substantive content is not expected to change significantly.

CCAG**Update from CCAG 23 March 2022**

1. **Smart Meter Act Powers (SMAP)** – An update was provided by Ofgem on the use of SMAP. The powers can be activated in c.40 working days and do not require parliamentary time, meaning they can be activated even when Parliament is in recess. The powers are active for five years following commencement and can be employed in directing multiple tranches of code change, if necessary.
2. **Change Request to delay M6 and M7** – CCAG members agreed to the raising of a Change Request to change the dates of the M6 and M7 programme milestones relating to the delivery of code drafting and activation of SMAP by Ofgem. This was presented to the Change Board on 24 March 2022 and will be submitted to impact assessment. Code Bodies are now working through the specific areas of code that are likely to require change and the required resource (e.g. registrations, load shaping service, etc.). The Change Request includes:
 - a) Move M6 to 9 months after M5
 - b) Re-define M6 to 'code changes baselined'
 - c) Move M7 to 10 months after M5

TMAG**Update from TMAG 16 March 2022**

1. **Terms of Reference (ToR)** – The TAG approved the ToR of the Data Working Group, whose remit is to determine test data requirements. The TAG also approved changes to its own ToR, to include migration activities within the remit of the group, and accordingly becoming the Testing and Migration Advisory Group (TMAG). Updates to relevant documentation have been completed to now reflect TMAG, together with a Change Request that went to Change Board on 24 March to update the MHHS Governance Framework.
2. **E2E testing strategy** – The principles underpinning the end-to-end testing strategy were discussed in detail and agreed. The E2E Testing strategy will now be formally written up.
3. **Migration Working Group (MWG)** – The TAG agreed to mobilise the MWG, whose remit will be to provide expert input on migration activities to ensure the transition from old to new systems work effectively.

Design Workstream Overview

- RAG status is Green for the majority of Design Artefacts as they are on target for the Tranche release dates
- The re-issue of Tranche 1 artefacts was delayed by 1 week due to the volume of comments received. Documents were published on 28th March for a further 2 week review period. The Design team are reviewing activity and capacity around resolution of comments to ensure processes are robust
- There is a risk around the level of engagement and quoracy within the sub-working group activity which may result in a high volume of comments in subsequent tranche reviews as participants who have not actively engaged in the sub-working groups engage in the process.
- DIP Functional Specification and Non Functional Requirements have been reviewed by TDWG and DAG have agreed this can form the technical basis of the documentation within the RFP

Tranche	MHHS Service	Artefacts	RAG		Planned DAG Month	Expected DAG Month	Current status and issues	Actions to resolve
			Last month	This month				
1	Load Shaping Service	5	●	●	Apr	Apr	• High levels of comments in first review. Initial updates made, republished for review	• Resolution of outstanding comments
	Registration Service	16	●	●	Apr	Apr	• High levels of comments in first review. Initial updates made, republished for review	• Resolution of outstanding comments
	Metering and Data Services	6	●	●	Apr	Apr	• High levels of comments in first review. Initial updates made, republished for review	• Resolution of outstanding comments
	DIP Technical Documents	3	●	●	Mar	Mar	• Approved for issue within DIP RFP, accepted that further iteration is expected	
2	Registration Service	15	●	●	May	May	• Lack of supplier input into Change of Service work-groups	• Explore options to specifically seek supplier feedback in initial Tranche 2 review
	Advanced Data Service	2	●	●	May	May	• Design activity ongoing with Advanced Sub-working Group, on schedule for Tranche 2 release	
	Unmetered Data Service	1	●	●	May	May	• Design activity ongoing with Unmetered Sub-working Group, on schedule for Tranche 2 release	
	Smart Data Service	2	●	●	May	May	• Design activity ongoing with Smart Sub-working Group, on schedule for Tranche 2 release	
	Demand Disconnection Event	4	●	●	May	May	• Design activity ongoing with ECS Sub-working Group, on schedule for Tranche 2 release	
	Marketwide Data Service	4	●	●	May	May	• Design activity ongoing with ECS Sub-working Group, on schedule for Tranche 2 release	
	Volume Allocation Service	4	●	●	May	May	• Design activity ongoing with ECS Sub-working Group, on schedule for Tranche 2 release	

● On track ● Complete
● At Risk ● To be determined
● Not on track, at high risk

Tranche	MHHS Service	Artefacts	RAG		Planned DAG Month	Expected DAG Month	Current status and issues	Actions to resolve
			Last month	This month				
3	Registration Service	3	●	●	June	June	• Drafting on schedule	
	Unmetered Data Service	2	●	●	June	June	• Drafting on schedule	
	Metering Services	2	●	●	June	June	• Drafting on schedule	
	Industry Standing Data Service	3	●	●	June	June	• Drafting on schedule	
	Settlement	2	●	●	June	June	• Reporting requirements are currently under review to determine size of activity	• Confirm whether the design artefacts will be split into two with some elements delivered in Tranche 4
	Global	2	●	●	June	June	• Drafting of the Operational Choreography document is behind schedule due to capacity issues	• Options under consideration to resolve capacity issues
	Technical Architecture	1	●	●	June	June	• Drafting behind schedule due to additional capacity required to support RFP	• Options under consideration to resolve capacity issues
4	Registration Service	7	●	●	July	July	• Drafting on schedule	
	Networks	1	●	●	July	July	• Size of activity still to be determined pending finalisation of ongoing activity to determine data requirements	• Ongoing engagement with DNO/IDNO participants to confirm requirements
	Metering Services	1	●	●	July	July	• Drafting on schedule	
	Technical Architecture	2	●	●	July	July	• Drafting on schedule	
TBC	Security Artefacts	4	●	●	July	July	• Drafting on schedule	
	Meter Faults and Settlement Queries	2	●	●	TBC	TBC	• Scope of activity is not fully understood	• Scope to be defined

● On track ● Complete
● At Risk ● To be determined
● Not on track, at high risk

PPC Activity Overview



37 Bilateral Meetings held with PPs across all constituencies



MHHS Webinar 1 was held on 09 March 2022 with 176 attendees



Readiness Assessment 1 was issued on 04 March 2022 for two weeks



MHHS Open Day invites shared for 21 April 2022, 69/90 booked in person & >75 for webinar

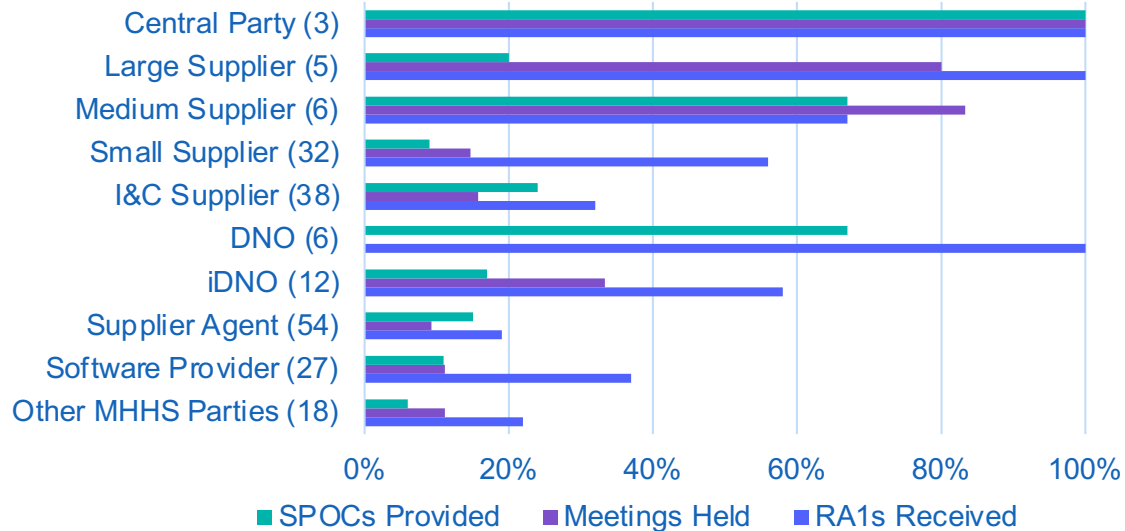


Eight articles for The Clock have been drafted to promote PPC activities and events

Overview of Constituency Engagement

- **Central Parties, Large and Medium suppliers are engaging well**, including across SPOCs and RA1s. Given their importance to the programme this is a positive sign.
- **Small suppliers, I&C suppliers, supplier agents and software providers are engaging less well.** While this is to be expected from small providers, the low engagement of software providers who work on their behalf is a risk.

Proportion of constituents engaging with MHHS



Engagement Themes and Highlights



Requests have been made for **clearer communications to be issued from Working Groups** and for additional clarity on **when each Working Group is and what will be discussed.**



Following the CR001/CR002, a number of **questions have been raised regarding how the delays will impact the go live date** – particularly by Central Parties who have already mobilised.



A Medium Supplier has volunteered themselves as an early tester within the Programme.



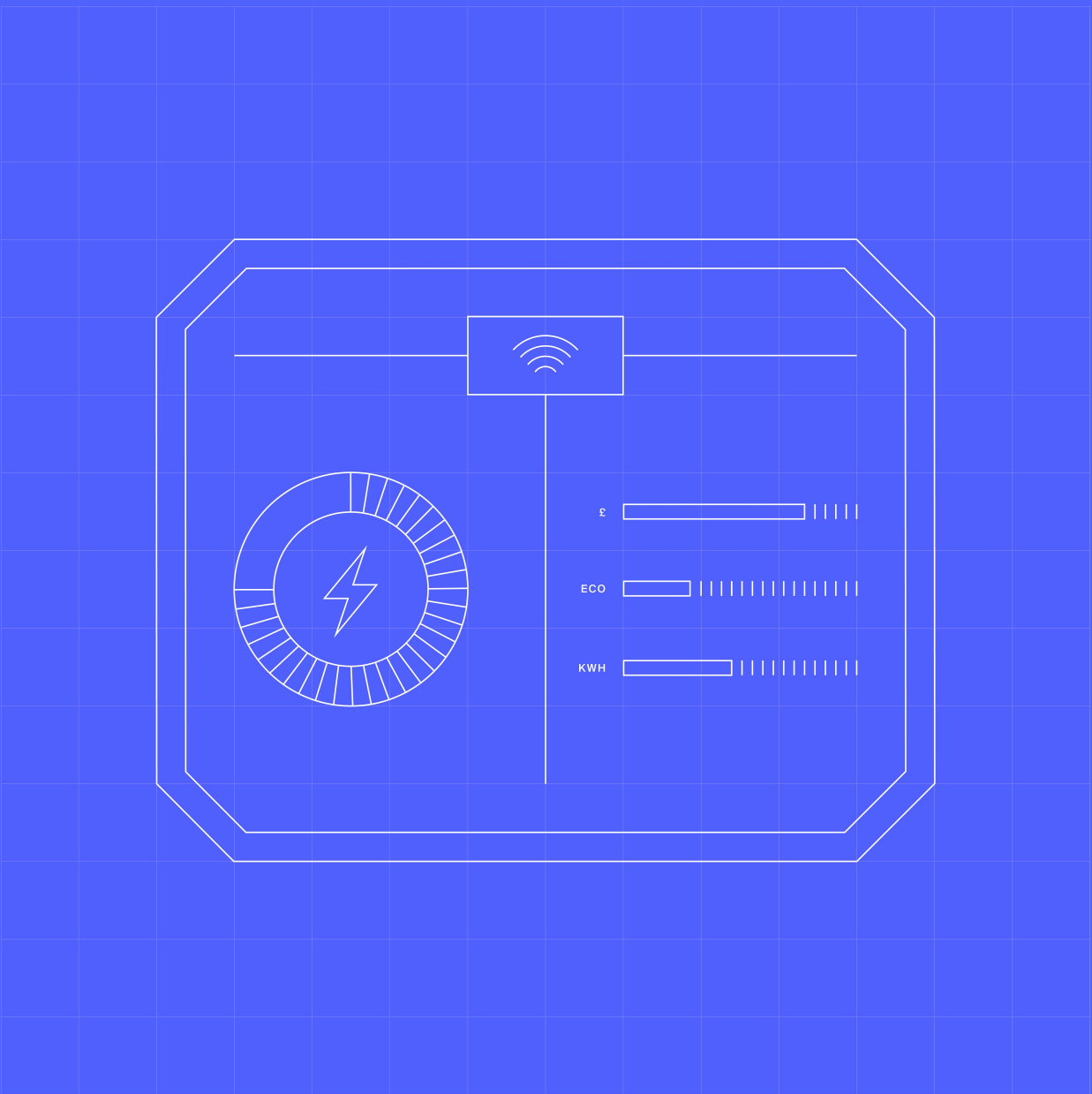
As part of RA1, we asked PPs **“How satisfied are you with the communication and engagement activities undertaken by PPC to date?”**. We received an **average score of 4.36/6.**

Summary and Next Steps

Objective: Agree actions. Look forward to May's PSG

Chris Welby

5 mins



1. Confirm actions from meeting

2. Date of next PSG: 04 May 2022

Current agenda items:

1. Minutes and Actions Review
2. Change Board updates
 1. Confirmation of decision on CR001 and CR002 Change Requests
 2. Update on CR003 Change Request: CCAG proposals to change M6 and M7
 3. Feedback on the Programme Change Control process
3. Independent Programme Assurance Framework (IPAF)
4. Approach for rebaselining of the plan
5. Review mobilisation of '*Comms and Engagement Group*'
6. Programme Dashboards

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

Contact

PMO@MHHSProgramme.co.uk

Thank you