



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

Design Advisory Group #14

10 August 2022

Version 0.1

MHHS-DEL540

Document Classification: Public

Agenda

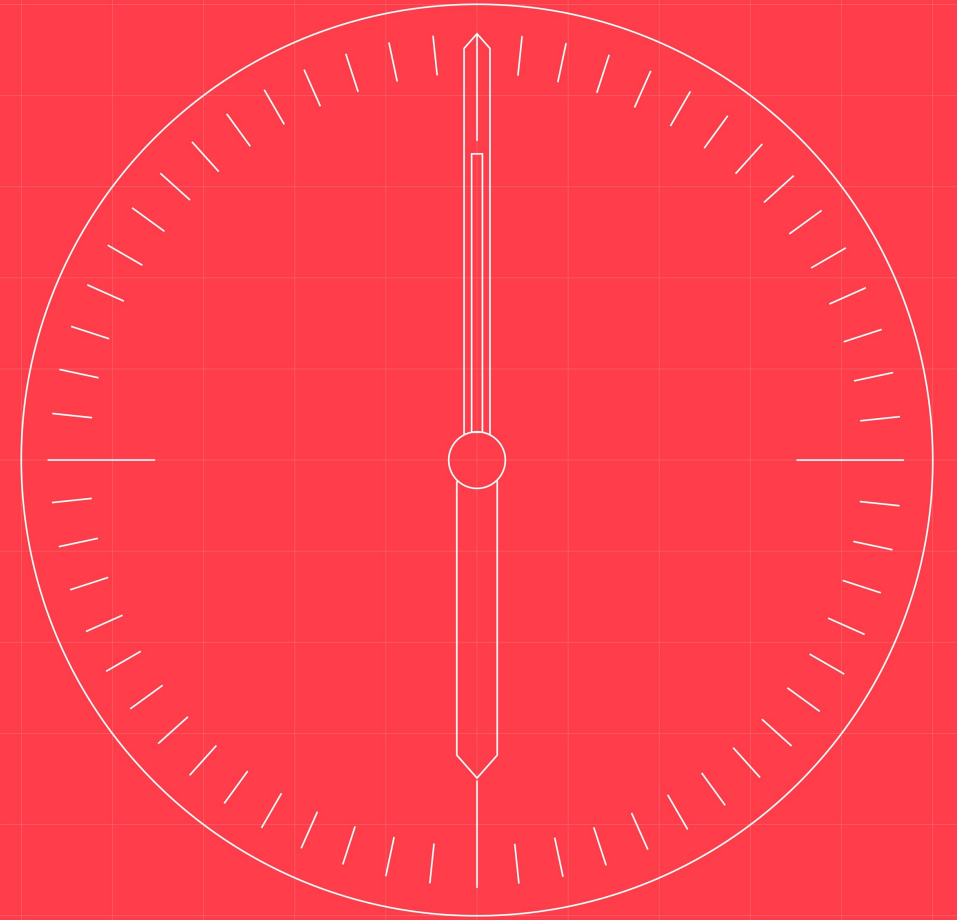
#	Item	Objective	Type	Lead	Time	Page
1	Welcome			Chair	09:30-09:35 5 mins	1
2	Minutes and Actions	Approval of minutes and review of outstanding actions	Decision	Chair & Secretariat	09:35-10:05 30 mins	3
3	Design RAID review	Review of design related RAID items, and agreement of risks, mitigations, etc.	Decision	Programme (Ian Smith)	10:05-10:20 15 mins	7
4	Transition plan	Overview of the proposed transition plan	Information	Programme (Ian Smith)	10:20-10:45 25 mins	9
5	MHHS Design Status Update	Update on design issues, dependencies, and dissensus	Information	Programme (Claire Silk)	10:45-11:15 30 mins	11
Break 10 mins						
6	CCAG Horizon Scanning	Receive questions on the CCAG Horizon Scanning Log	Information	Programme (Fraser Mathieson)	11:25-11:35 10 mins	13
7	Design Issues for Escalation	Receive any escalations from Business Processes and Requirements Working Group (BPRWG) meeting 27 July 2022	Decision	Programme (Ian Smith)	11:35-11:40 5 mins	14
8	DAG Design Principles	Review DAG Design Principles	Discussion	Programme (Ian Smith)	11:45-11:50 5 mins	15
9	Governance Group Updates	Receive update on governance group activity	Information	Secretariat	11:50-11:55 5 mins	18
10	Summary and Actions	Summarise actions and plan agenda for next meeting.	Information	Chair & Secretariat	11:55-12:05 10 mins	20

Minutes and Actions

DECISION: Approval of minutes and review of actions

Chair & Secretariat

30 mins



Minutes and Actions Review (1 of 3)

- No minutes for approval
- In-depth review of outstanding actions:

Ref	Date	Action	Owner	Due Date	Update
DAG06-01	09/03/2022	Review alignment between related MPAN modifications and design subgroup	Programme (Ian Smith)	17/08/2022	ONGOING - As the key individual is on leave, a conversation will take place in the next couple of weeks
DAG09-05	11/05/2022	Programme to liaise with Programme Participants who have queries on the Programme Design Team's responses to comments on the Tranche 1 design artefacts	Programme (Ian Smith)	08/08/2022	ONGOING: A clean-up around documentation is in place. The comments have been picked up and are in the process of being closed out. This action will close when the full DAG summary report with the artefacts comes out on August 8 th
DAG09-12	11/05/2022	Provide a clear plan for the resolution of the recorded outstanding issues related to the Tranche 1 design artefact approval	Programme (Design Team)	08/08/2022	ONGOING: See above
DAG10-08	08/06/2022	Update the MHHS Design Baseline Dashboard to show more detail (e.g. next steps and timings)	Programme (Ian Smith)	10/08/2022	RECOMMEND CLOSED: To be covered in meeting
DAG10.1-01	21/06/2022	Discuss transition timetable and go/no-go decision with MH	Programme (Ian Smith)	10/08/2022	ONGOING: Agenda item on transition to be discussed in DAG 10 August 2022
DAG10.1-03	21/06/2022	Communicate current thinking around transition plan to DAG members	Programme (Ian Smith)	10/08/2022	ONGOING: The Programme will provide an update in DAG 10 August 2022 and IS will pull together high-level assumptions of how they think it will work
DAG11-02	06/07/2022	Discuss with TMAG Chair St Clements participation at TMAG	Chair	10/08/2022	ONGOING: Update to be provided in meeting.
DAG11-06	06/07/2022	Clarify with CCAG Chair and SRO how design drives code changes and how existing MHHS related code changes are managed	Chair	10/08/2022	ONGOING: Raised at CCAG but the conversation is yet to happen

Minutes and Actions Review (2 of 3)

Ref	Date	Action	Owner	Due Date	Update
DAG11-08	06/07/2022	Ensure Programme risk relating to 162 covers any governance implications for MHHS and Codes	Programme (PMO)	31/08/2022	ONGOING: PMO to add further SEC MP162 updates once Ofgem have made decision
DAG12-03	21/07/2022	Arrange a joint working group with SEC parties, DAG, and Programme to discuss SEC MP162, and seek to identify solution which delivers requirements of the MHHS TOM and adhering to the level playing field design principle, taking into account requirements, costs/impacts, and implementation date	Chair	31/08/2022	ONGOING: The DAG agreed not to hold a joint working group until further development, or subsequent to Ofgem's decision on MP162
DAG12-04	21/07/2022	Seek guidance from SRO on Programme position on SEC MP162	Chair	10/08/2022	ONGOING: SRO is writing a letter to Ofgem about what is needed by the Programme through the delivery of SEC MP162
DAG12-05	21/07/2022	Discuss with DCC high level impacts of SEC MP162 options and seek further understanding of potential flexibility in decision date and implementation	Programme	10/08/2022	ONGOING: The Chair met with the DCC after DAG 28 July 2022. Update to be provided in meeting
DAG12-06	21/07/2022	Consider impacts / implications of each of the proposed options for SEC MP162 in preparation for meet joint working group (see ACTION DAG12-03)	DAG members	31/08/2022	ONGOING: See ACTION DAG 12-03
DAG13-01	28/07/2022	Provide an update to DAG10.1-03 in the next meeting.	Programme (Ian Smith)	10/08/2022	ONGOING: Update to be provided in meeting
DAG13-02	28/07/2022	Bring agenda item on transition to next DAG	Programme (Ian Smith)	10/08/2022	ONGOING: Update to be provided in meeting
DAG13-03	28/07/2022	Feedback to DAG whether the Programme should put the price-cap calculation on the Programme's risk register	Ofgem	10/08/2022	ONGOING: Update to be provided in meeting
DAG13-04	28/07/2022	Review and update the dissensus log on the Design Artefact Tracker	Programme (Claire Silk)	10/08/2022	RECOMMEND CLOSED: Tracker updated
DAG13-05	28/07/2022	Look at practical mechanisms for resolving minor elements of contention on Design Artefacts	Programme (Claire Silk)	10/08/2022	ONGOING: Update to be provided in meeting

Minutes and Actions Review (3 of 3)

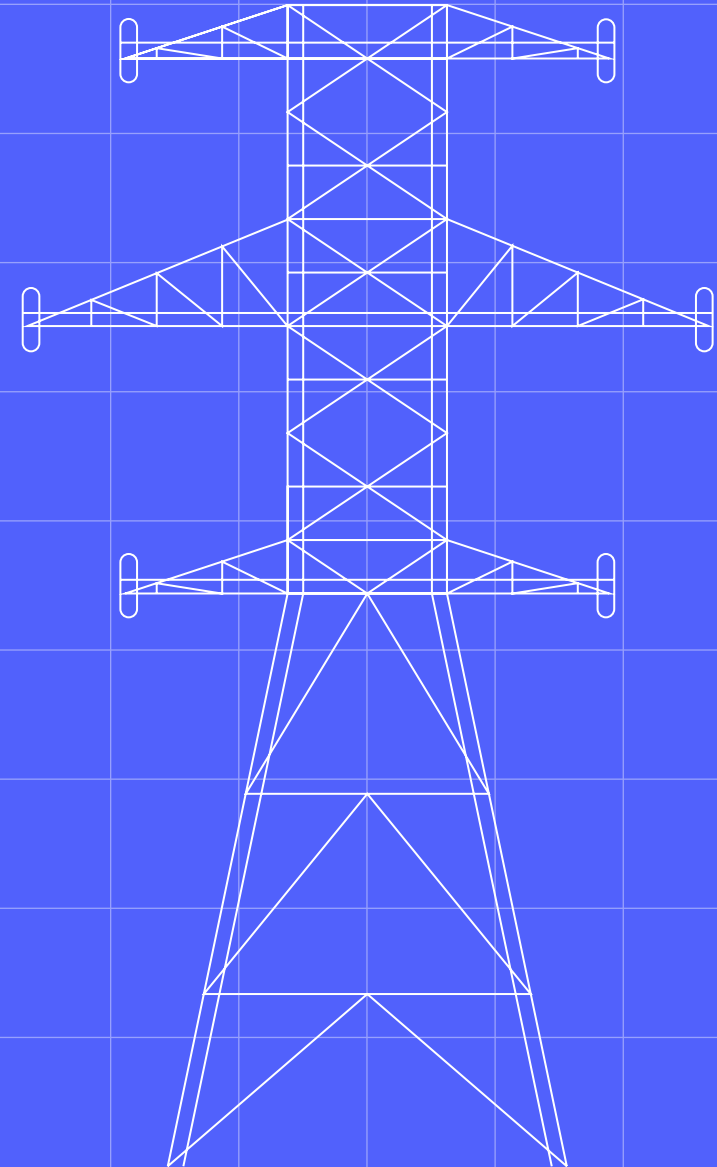
Ref	Date	Action	Owner	Due Date	Update
DAG13-06	28/07/2022	Determine next steps for MPAN Enquiry API requirements	Programme (Ian Smith)	10/08/2022	ONGOING: Update to be provided at meeting
DAG13-07	28/07/2022	Share link to CCAG horizon scanning log with Headline Report and add to agenda for next DAG	Programme (PMO)	28/07/2022	ONGOING: Log will be sent with DAG 14 meeting papers
DAG13-08	28/07/2022	Programme Risk related to Change Requests once Design is baselined. Add to Programme risk log if not, and import into Design Risk Log	Programme (Ian Smith)	10/08/2022	ONGOING: Update to be provided at meeting
DAG13-09	28/07/2022	Check timings for performance assurance requirements work	Chair	10/08/2022	ONGOING: Update to be provided at meeting
DAG13-10	28/07/2022	Add design risk on qualification/assurance	Programme (Ian Smith)	10/08/2022	ONGOING: Update to be provided at meeting
DAG13-11	28/07/2022	Send out slides with SI Design Assurance Observations	PMO	10/08/2022	RECOMMEND CLOSED: Sent out with meeting papers
DAG13-12	28/07/2022	Find out when iServer release will be, update the SI Design Assurance Observations Overview slide and look into suitable supporting information to go with it.	Programme (Simon Harrison)	10/08/2022	ONGOING: Update to be provided at meeting
DAG13-13	28/07/2022	PMO to make DAG on October 28 an all-day session (10:00 – 17:00).	PMO	10/08/2022	RECOMMEND CLOSED: Meeting scheduled

Review of RAID

DECISION: Review of design related RAID items, and agreement of risks, mitigations, etc.

Chair & Programme (Ian Smith)

15 mins



Review of Design RAID

Objective: Agree design risk classifications, mitigations, etc. and consider any missing risks

Structure:

- DAG members to provide views prior to meeting of any design risks for discussion
- Review of design-specific risks contained in the [Design Artefact Tracker](#) (see 'Design Risk Log' tab)

Additional:

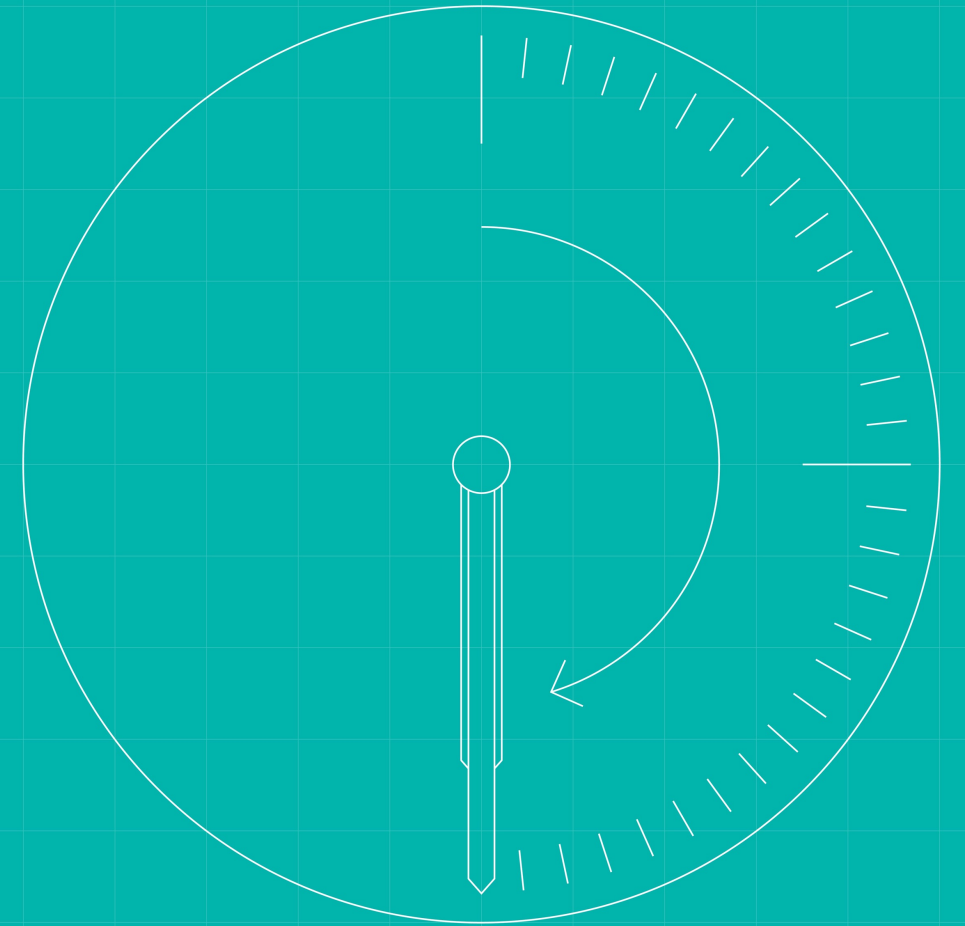
- Programme-level risks are recorded within the central RAID log (see Attachment 3 of DAG 06 July 2022 meeting papers)
- Several Programme risks are pertinent to design or reflect wider matters discussed by DAG – members are asked to provide views prior to the meeting of any central RAID elements for discussion

Transition Plan

INFORMATION: Overview of Transition Plan

Chair & Programme (Ian Smith)

25 mins



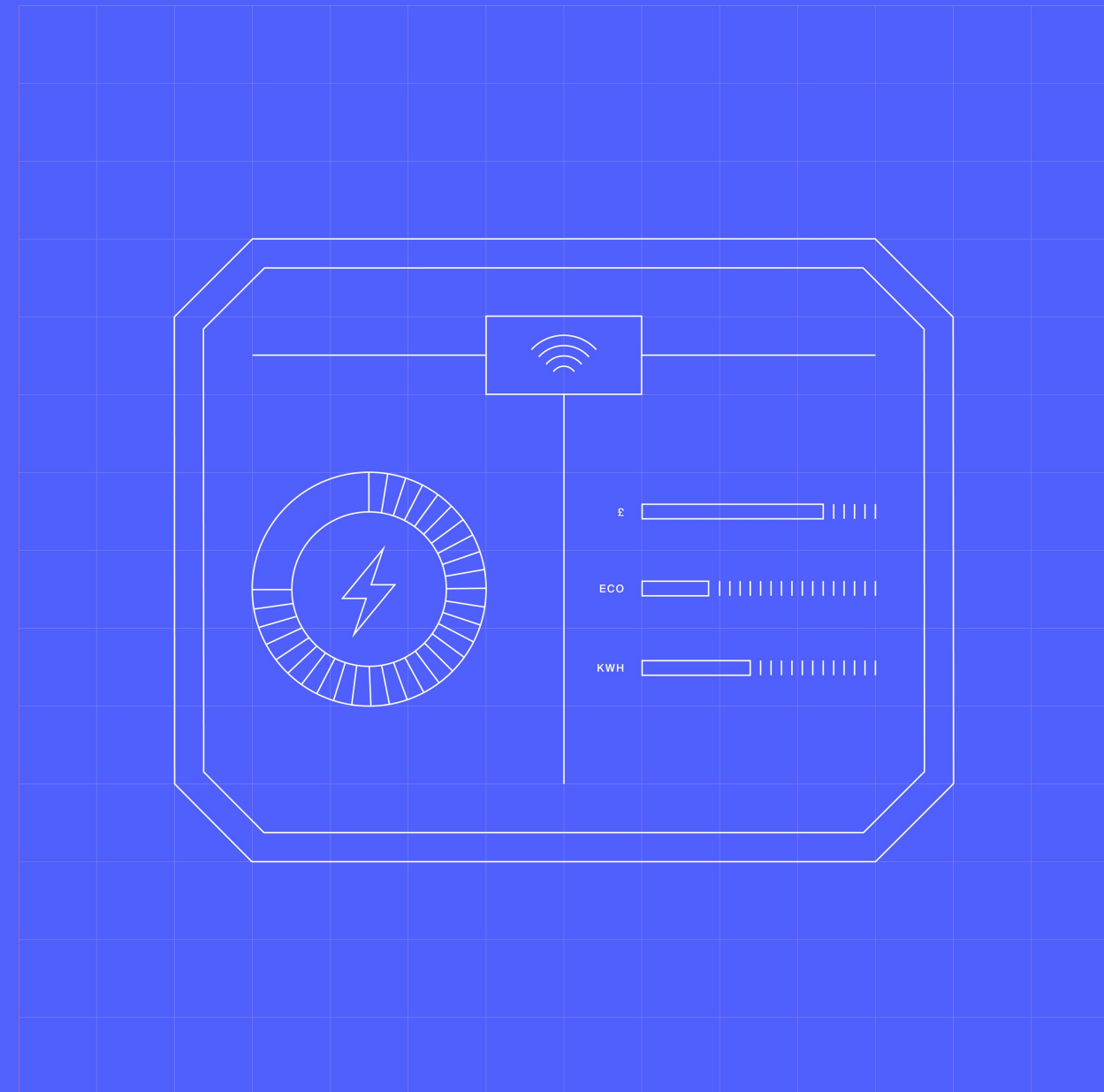
Due to members of the Design team being on leave, further content will be added to the pack and recirculated ahead of the meeting

MHHS Design Status Update

INFORMATION: Update on design issues, dependencies, and dissensus

Programme – Claire Silk

30 mins



The [Design Artefact Tracker](#) contains all detail relating to the status and progress of the Design Artefacts, including:

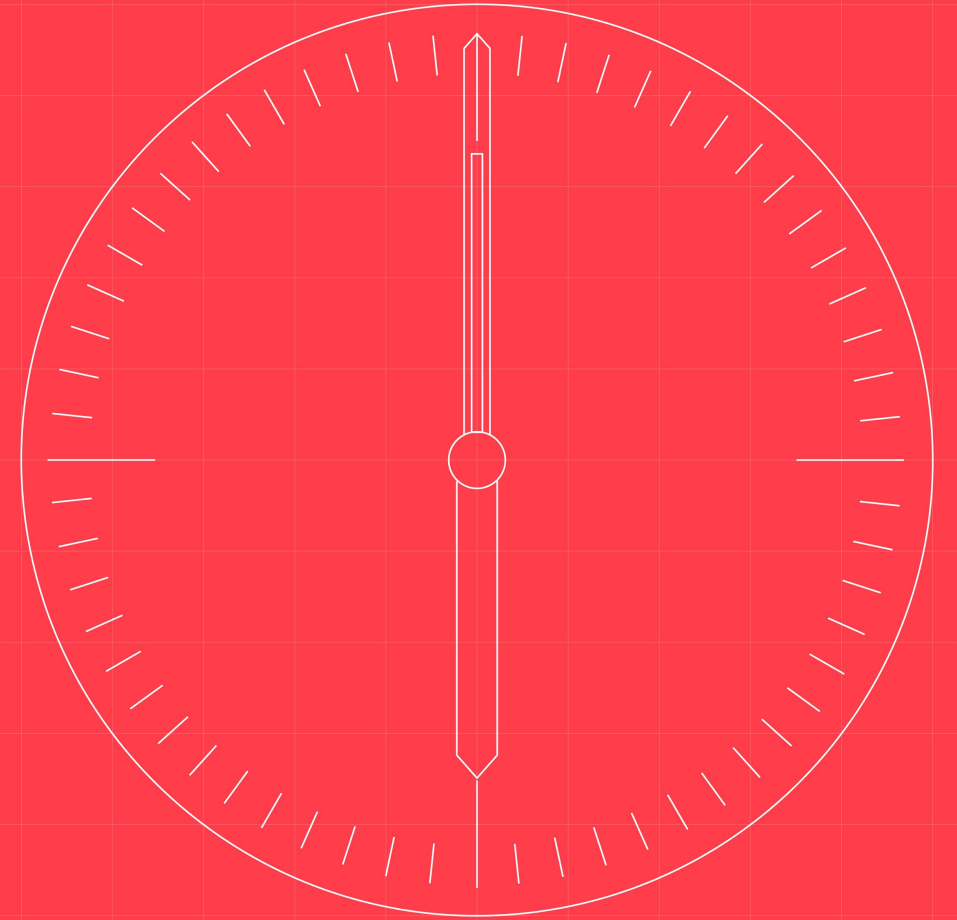
- Current status of all artefacts and schedule for completion
- Baseline Design Issues
- Baseline Dependencies
- Dissensus Register
- Design Delivery Risks

CCAG Horizon Scanning

INFORMATION: PMO to take questions on CCAG's Horizon Scanning Log

Programme - Fraser Mathieson

10 mins

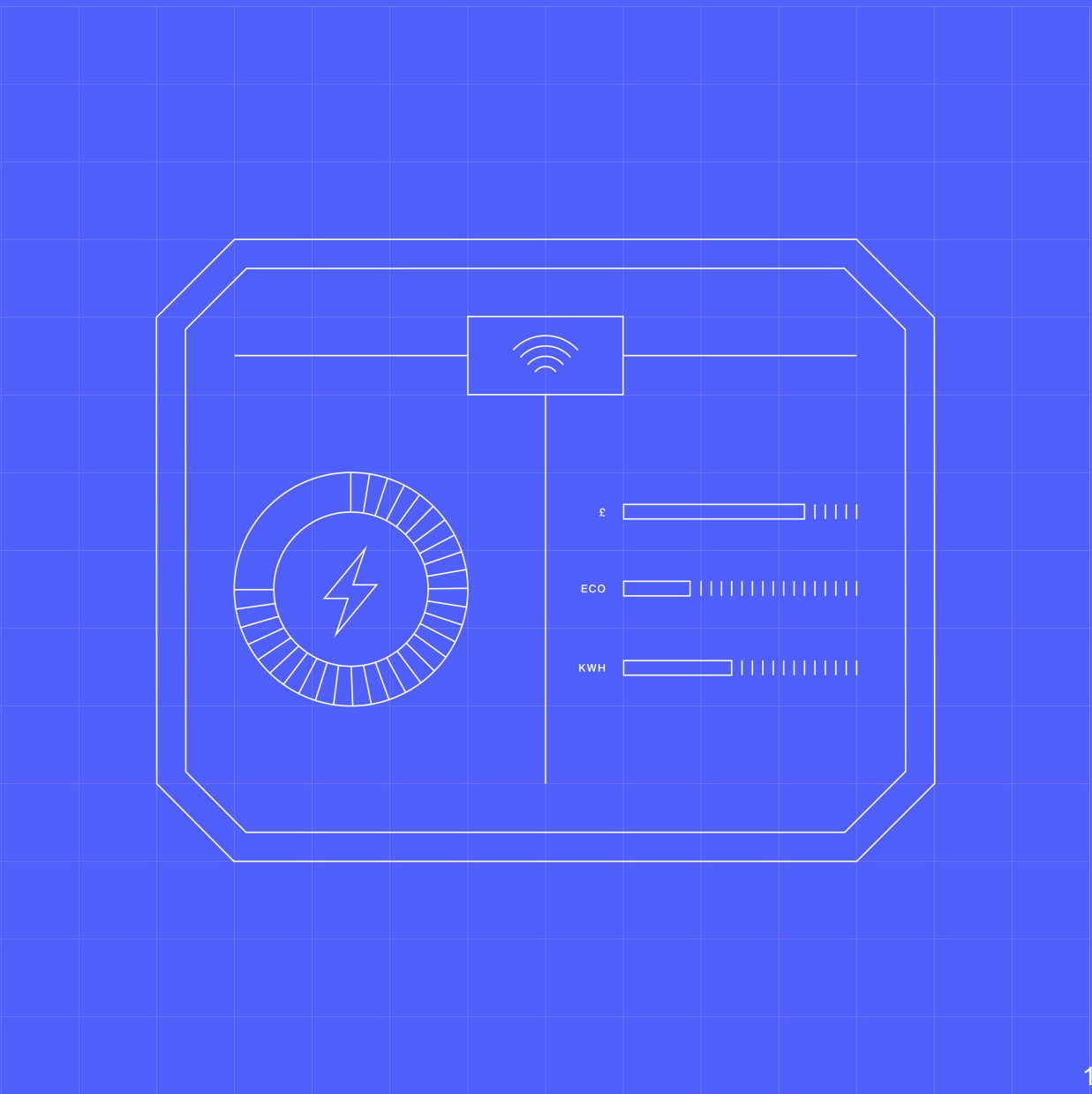


Design Issues for Escalation

DECISION: Receive any escalations from Business Processes and Requirements Working Group (BPRWG)

Programme – Claire Silk

5 mins

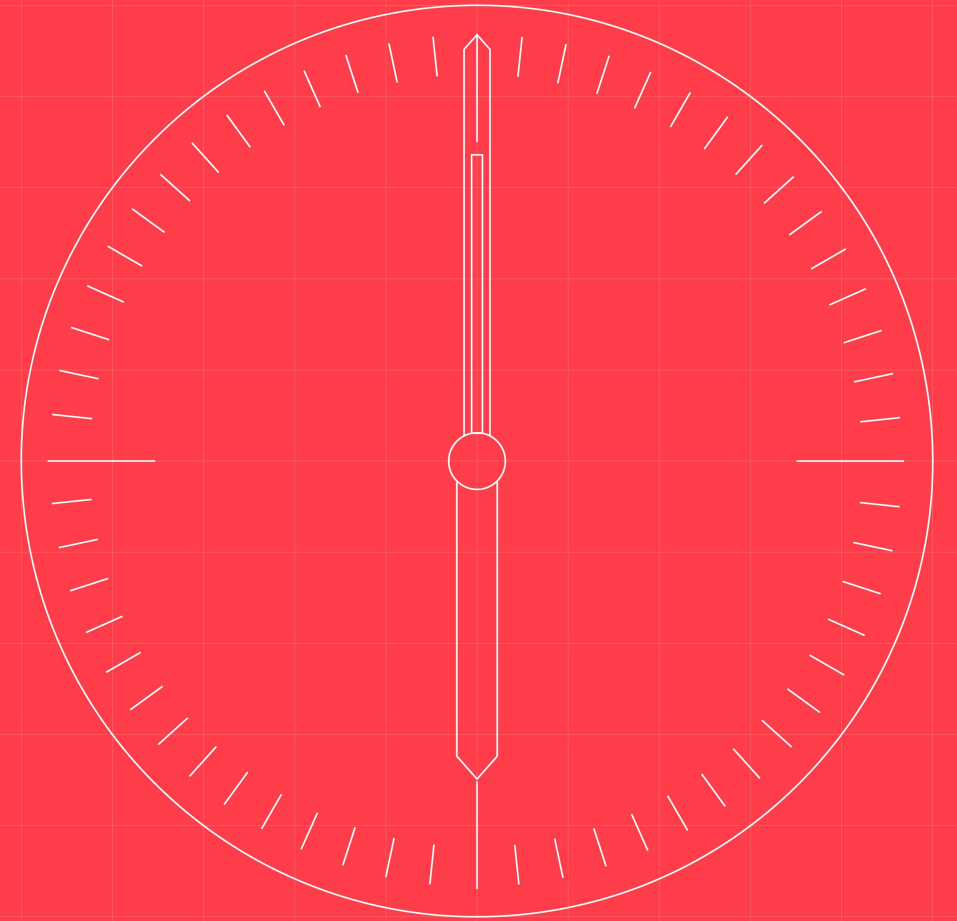


DAG Design Principles

DISCUSSION: Review of design principles

Programme – Ian Smith

5 mins



High Level Design Principles (1 of 2)

The items listed below represent the current programme view of the high-level principles to be applied to the end-to-end design.

It should be noted that these principles should be adhered to wherever possible, this does not rule out instances where DAG may deviate from these where sufficient justification exists to deliver the core elements of the solution.

Ref	Principle	Scope	Sub-Principle	References
0	The solution will be designed to support timely and accurate settlement.	System Wide		
1	The solution will implement the TOM at a service level with prescribed interfaces between TOM services. The design will be agnostic as to the physical resolution that parties choose in the build of the services, it will only proscribe requirements and such physical characteristics as to enable interface build.	System Wide		PRI017
2	Energy Suppliers can choose how they deliver their TOM Data Services (direct or procured). Suppliers may perform any aspect of any service subject to qualification.	System Wide		PRI016
3	The DIP solution will remain stateless and will not execute Business Processing rules. For the purposes of this principle address derivation and routing are not considered business rules.	DIP	Sending parties are responsible for any follow up for business processes requiring completion (PRI026)	PRI024.PRI025
4	No new DTC flows will be created to resolve interface requirements for MHHS. Nor will there be facsimiles of existing DTC flows created on the DIP.	System Wide		
5	Where optionality exists with regard to resolving an interface to either the DIP or remaining on the DTN the solution will consider the full set of interfaces related to a process or service. i.e. if the majority of flows within a process use the DIP it would not be desirable for outliers to remain on the DTN.	System Wide		
6	Solution assumes that the data held/mastered by the owner/manager is correct. Services will undertake processing in good faith based on the data provided to them. This does not preclude the potential requirements for exception reporting and reconciliation requirements to rectify data quality issues.	System Wide	Will not duplicate items held in other systems(PRI004/005) Will only hold what is required to route messages Will not validate customer opt out (PRI008)	PRI003. PRI001. PRI010. PRI011. PRI019

High Level Design Principles (2 of 2)

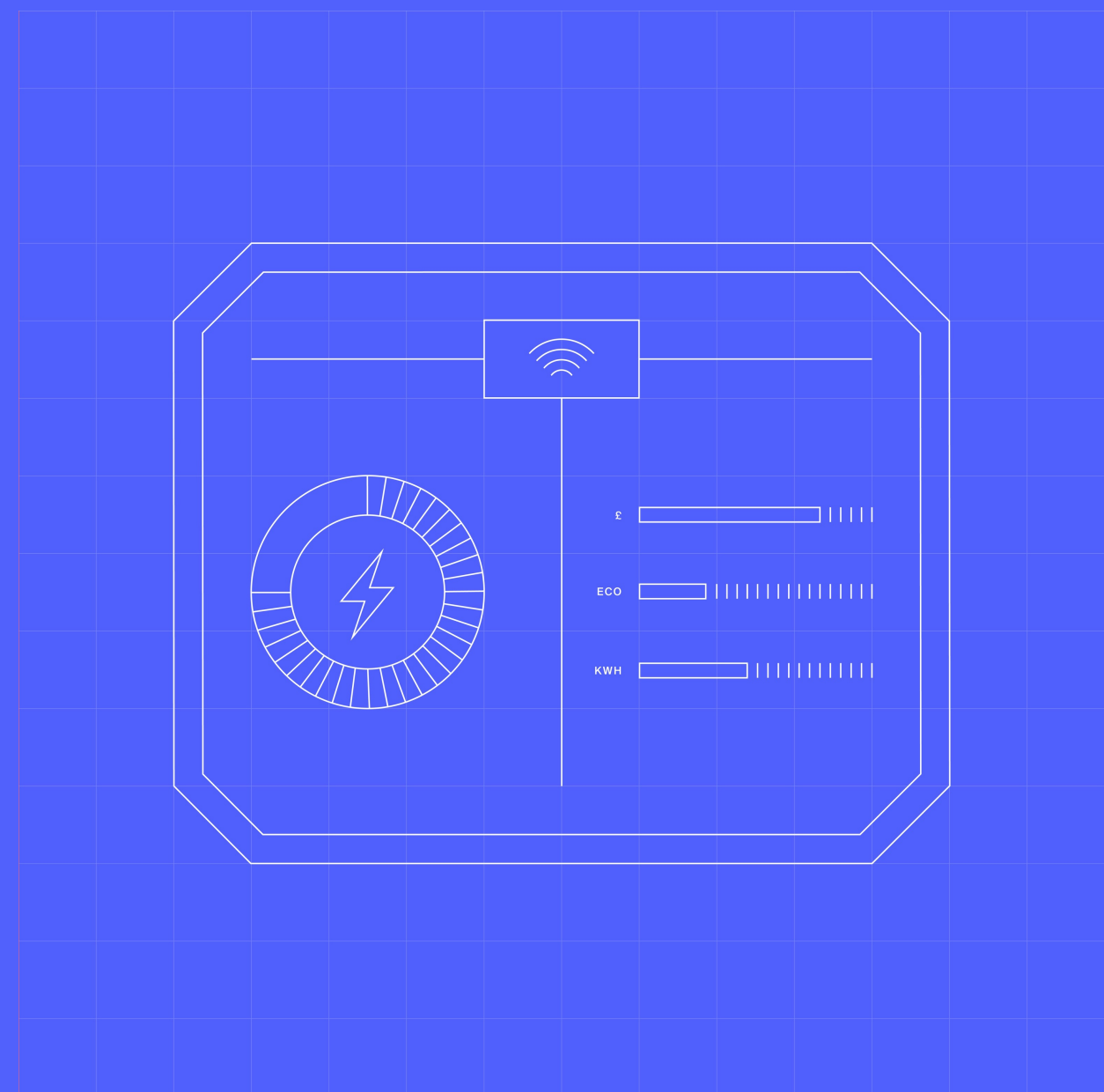
Ref	Principle	Scope	Sub-Principle	References
7	TOM Service Operators will be responsible for reporting data accuracy issues to the data owner/manager	System Wide		PRI003
8	Data will be processed by all parties promptly and in accordance with applicable industry codes	System Wide	[Data services should process data in accordance with the settlement timetable]	PRI010
9	The solution will seek to minimise total cost to industry in the delivery of the OFGEM approved TOM services and Integration platform	System Wide		PRI027
10	The solution will be secure, scalable for volume, latency, interfaces and other key technical dimensions.	DiP		PRI015.PRI028
11	Interfaces will only pass those elements of data required in direct support of their governing business process and requirements. Where a changed value falls within a logical group of data e.g. House number in an address the logical group will be sent.	System Wide		
12	Design will be articulated with sufficient breadth and detail required to enable regulatory code drafting in addition to enabling Service Design, Build, Test & Operate.	System Wide		
13	Any technology selection will be mindful of future use cases.	DiP		
14	The solution will seek to maximise the benefits for consumers receiving MHHS services via current and future use cases. This includes benefits from smart metering and other areas captured in the business case.	System Wide		
15	All market participants, operating under MHHS Target Operating Model, will be afforded the ability to deliver the same level of service for the same MHHS service.	System Wide		

Governance Group Updates

INFORMATION: Receive updates from MHHS Governance Groups

Secretariat

5 mins



Discussion summary from this month's Advisory Groups

Programme Steering Group (PSG)

Update from PSG 06 July 2022

1. **M5 design plan** – the Programme provided an overview of the revised design plan to October. This included the the path to deliver all design artefacts by 29 July 2022.
2. **Decision on CR007** – the Programme presented the outputs of Impact Assessment on CR007. The Programme presented a new proposal to rescind the Change Request and issue a new Change Request covering M5 and M3, taking into account feedback from CR007 Impact Assessment and the new design plan. The PSG agreed to progress the proposal. An extraordinary PSG has been scheduled for 14 July 2022 to review the Change Request and make a decision whether to raise it for Impact Assessment
3. **Programme re-plan** – The Programme provided an update on progress of the re-plan and volunteer planning working groups
4. **SEC MP162 approval risk** - the Programme provided an overview of risk relating to MP162 and asked for feedback from PSG on mitigating actions
5. **Pre-meeting webinar** – the PSG provided feedback on the pre-PSG webinar trial. Future webinars will be scheduled.

The PSG Headline Report is available [here](#)

Cross-Code Advisory Group (CCAG)

Update from CCAG 27 July 2022

1. **Transitional Text Approach and Code Draft Requirements** – the CCAG reviewed and provided feedback to the proposed approach to transitional text and other code draft requirements. The Programme have several further areas to explore in more detail. CCAG members will provide further feedback on whether qualification start is dependent on M6 (CCAG approval of code) or M8 (code implementation)
2. **Code Draft Working Group (CDWG) update** – the CCAG heard an update from the first CDWG and provided feedback on the CDWG Terms of Reference.
3. **Items for approval** – the CCAG approved four returning items, with some feedback from CCAG members: Code draft principles and approach; Code draft RACI; Resource model; and the Code draft plan
4. **PPC introduction** – the PPC provided an overview of their team and role

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

Testing and Migration Advisory Group (TMAG)

Update from TMAG 20 July 2022

1. **Test data generator for consumption data** – the TMAG provided feedback on if they have a way of injecting the Programme's generated data into their systems
2. **Working group deliverables and dependencies tracker** – the TMAG reviewed the forward plan for and inter-relationships between TMAG governance groups, highlighting dependencies between deliverables
3. **RAID review** – the TMAG provided feedback on the top five testing and migration risks from the Programme RAID log. This included identifying a number of additional mitigations
4. **Working group updates** – the TMAG heard updates from recent TMAG working group meetings and approved the Terms of Reference for the Environments and Configurations Management Working Group (EWG)

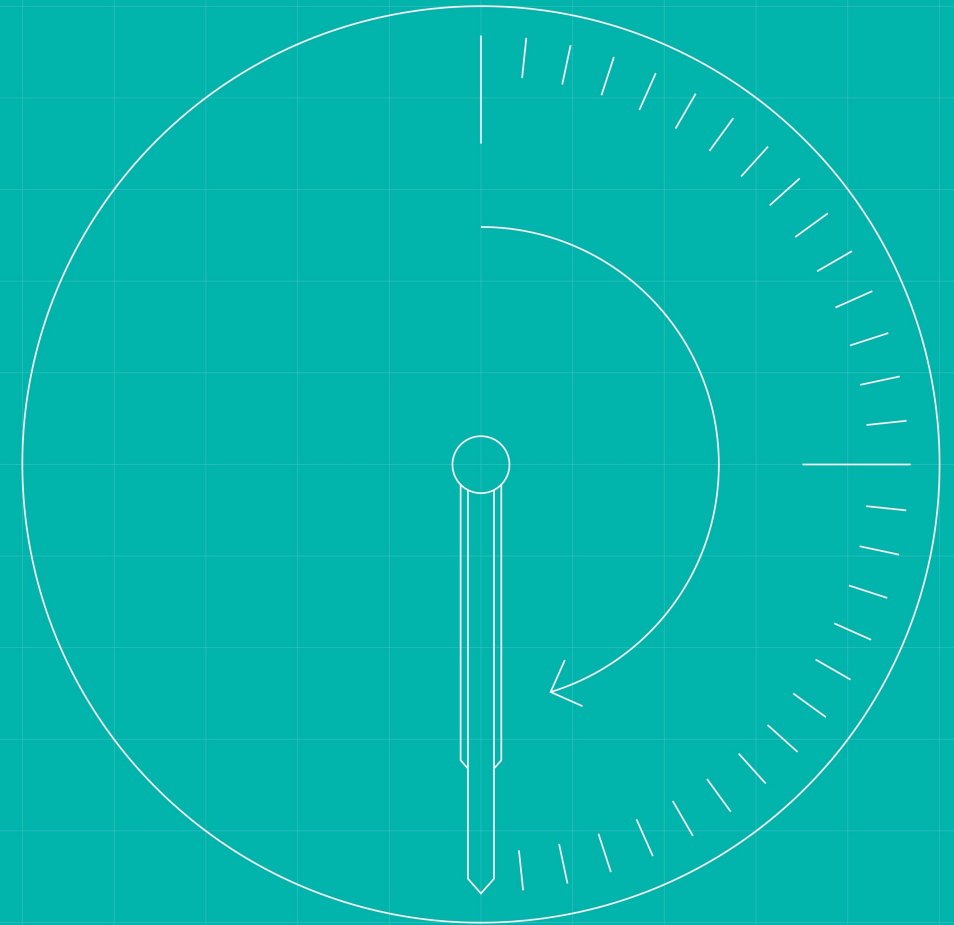
The TMAG headline report is available [here](#).

Summary and Actions

INFORMATION: Summarise actions and plan agenda for next meeting

Chair & Secretariat

10 mins



Next Steps

- Confirm actions from meeting
- Forward meeting schedule
- Next DAG meeting: **14 September 2022 10:00am-13:00pm**
- Next CCIAG meeting: **25 August 2022 10:00am-12:00pm**

If you would like to propose an agenda item for the DAG or would like any information about DAG working groups and subgroups, please contact the Programme PMO (PMO@mhhsprogramme.co.uk)

DAG Forward Look

DAG Agenda Roadmap:

Meeting dates	14-Sept	12-Oct	28-Oct	09-Nov	14-Dec
Relevant milestones/activities			M5 approval		
Agenda items	M5 Update Design issues discussions Feedback from playback sessions Design assurance updates	M5 Update Design issues discussions Post-M5 DAG Approach Feedback from playback sessions Design assurance updates	MHHS design approval Post-M5 change control process	Post M5 work off Change requests	Post M5 work off Change requests
Standing items	Minutes & actions Governance group updates DAG Design Principles Design Decisions Level Playing Field Principle MHHS Design Dashboard L4 working group report Summary and next steps	Minutes & actions Governance group updates DAG Design Principles Design Decisions Level Playing Field Principle MHHS Design Dashboard L4 working group report Summary and next steps	Minutes & actions Governance group updates DAG Design Principles Design Decisions Level Playing Field Principle MHHS Design Dashboard L4 working group report Summary and next steps		