



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

Design Advisory Group #11

06 July 2022

Version 1.0

MHHS-DEL480

Document Classification: Public

Agenda (Page 1 of 2)

#	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	09:35-09:50 15 mins	4
3	Tranche 3 Approval	Approval of Tranche 3 design artefacts	Decision	Programme (Ian Smith)	09:50-10:35 45 mins	8
4	Level Playing Field Design Principle	Updates from SDS subgroup and actions related to SEC MP162	Decision	Programme (Ian Smith)/Chair	10:35-11:20 45 mins	14
Break 10 mins						
5	Review of RAID	Review of design related RAID items and agree risks, mitigations, etc.	Decision	Programme (Warren Fulton)	11:30-12:15 45 mins	16
6	MHHS Design Status Update	Update on design schedule progress and open design issues management	Information	Programme (Ian Smith & Claire Silk)	12:15-12:30 15 mins	18
7	Target Stakeholder Outcomes and Baseline Success Criteria	Updates on Target Stakeholder Outcomes and Baseline Success Criteria	Information	Programme (Ian Smith & Warren Fulton)	12:30-12:40 10 mins	21
8	Design Decisions	Receive any escalations from Business Processes and Requirements Working Group (BPRWG)	Decision	Programme (Ian Smith)	12:40-13:05 15 mins	25
9	DAG Design Principles	Review of design principles	Discussion	Programme (Ian Smith)	13:05-13:10 5 mins	27

Agenda (Page 2 of 2)

#	Item	Objective	Type	Lead	Time	Page
10	Governance Group Updates	Provide relevant updates from other MHHS Programme Level 2-3 governance groups (for information only not for discussion)	Information	-	-	30
11	Level 4 Working Group Updates	Updated schedule for design Level 4 Working Groups (for information only not for discussion)	Information	-	-	32
12	Summary and Actions	Summarise actions and plan agenda for next meeting.	Information	Chair & Secretariat	13:10-13:20 <i>10 mins</i>	36

Attachments

Attachment 1 – DAG 11 May 2022 Minutes and Actions v1.2 (change marked)

Attachment 2 – Tranche 3 DAG Summary Report

Attachment 3 – Programme RAID Log

Attachment 4 – DIP Functional Specification v2.1

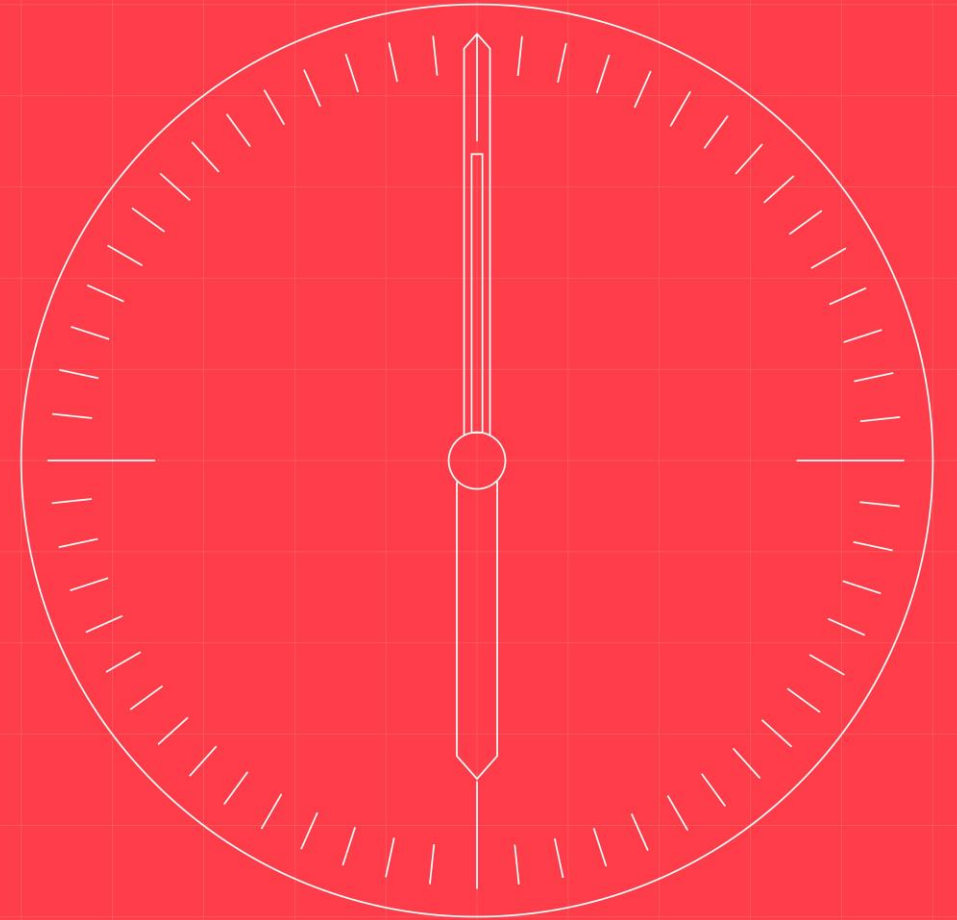
Attachment 5 – DIP Non-Functional Requirements v2.0

Minutes and Actions

DECISION: Approval of minutes and review of actions

Chair & Secretariat

15 mins



Minutes and Actions Review (1 of 3)

- Approval of change marked minutes of meeting held 11 May 2022 (see Attachment 1), approval of minutes of meeting held [08 June 2022](#), and approval of minutes of extraordinary meeting held [21 June 2022](#)
- 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)	27/04/2022	ONGOING - Programme (Design Workstream) have reviewed internally and discussion to be held with DAG Member (CH) upon return from leave. Updated Options Paper produced now ready for discussion with CH. IS to setup session.
DAG07-03	23/03/2022	Programme to bring future versions of DIP Functional Specification and Non-Functional Requirements to DAG, once further updates incorporated	Programme (Design Team)	11/05/2022	RECOMMEND CLOSED: Issued with DAG 06 July 2022 Meeting Papers.
DAG08-01	13/04/2022	Bring updated DIP Functional Specification and Non-Functional Requirements to the next DAG for approval	Programme (Ian Smith)	11/05/2022	RECOMMEND CLOSED: Issued with DAG 06 July 2022 Meeting Papers.
DAG08-02	13/04/2022	Issue call for agenda items or discussion topics prior to mobilisation of CCIAG	Programme (PMO)	11/05/2022	RECOMMEND CLOSED: Several calls for agenda items made via The Clock. CCIAG ToR issued for DAG comment. First CCIAG scheduled for 30 June 2022, where ToR will approved.
DAG09-02	11/05/2022	Share list of the design document repository user group volunteers with DAG members	Programme (Paul Pettitt)	18/05/2022	RECOMMEND CLOSED: Attendees discussed at DAG 08 June 2022.
DAG09-03	11/05/2022	Provide detailed action plan for resolution of open design issues against T1 design artefacts	Programme (Ian Smith)	25/05/2022	RECOMMEND CLOSED: Status and next steps clarified issues and activity linked to artefacts.
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)	08/06/2022	ONGOING: Status and next steps clarified for outstanding issues. Scheduling still in progress Multiple sessions have taken place activity ongoing as part of challenged comment process.
DAG09-10	11/05/2022	Add dependency to outstanding design issues log relating to ensuring design collateral is sufficient to enable code drafting. IS to review example of this and confirm sufficient for code drafting.	Programme (Ian Smith)	08/06/2022	RECOMMEND CLOSED: Activity scheduled within plan and dependency added.
DAG09-11	11/05/2022	Add dependency to outstanding design issues log regarding Programme approach to resolving material design issues which emanate from design assurance process.	Programme (Ian Smith)	08/06/2022	RECOMMEND CLOSED: Dependency added.

Minutes and Actions Review (2 of 3)

Ref	Date	Action	Owner	Due Date	Update
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)	25/05/2022	ONGOING: Status and next steps clarified for outstanding issues. Scheduling still in progress.
DAG10-01	08/06/2022	Share presentation regarding changes to Tranche 4 timelines with DAG members	Programme (PMO)	09/06/2022	RECOMMEND CLOSED: Published with DAG 08 June 2022 Headline Report.
DAG10-02	08/06/2022	Publish change marked version of minutes for DAG meeting held 11 May 2022, incorporating amendments requested by DAG members in relation to Tranche 1 approval	Programme (PMO)	15/06/2022	RECOMMEND CLOSED: Published with DAG 08 June 2022 Minutes and Actions. Further version with additional updates published with DAG 06 July 2022 Meeting Papers for approval.
DAG10-03	08/06/2022	Highlight in the post meeting papers any action updates which have changed between publication of the DAG meeting papers and presentation of the updates at the meeting	Programme (PMO)	15/06/2022	RECOMMEND CLOSED: Published with DAG 08 June 2022 Headline Report.
DAG10-04	08/06/2022	Add Target Stakeholder Outcomes and Baseline Success Criteria as a standing agenda item for future DAG meetings as part of the consideration of design decisions	Programme (PMO)	06/07/2022	RECOMMEND CLOSED: See agenda item 6 of DAG 06 July 2022. Added to DAG agenda roadmap for future meetings also.
DAG10-05	08/06/2022	Provide any suggested amendments to Target stakeholder outcome and Baseline success criteria by close of business 16 June 2022	DAG Members	16/06/2022	RECOMMEND CLOSED: Comments received and routed to relevant MHHS leads for action.
DAG10-06	08/06/2022	Update the Target Stakeholder Outcomes and Baseline Success Criteria based on suggestions of DAG members	Programme (Warren Fulton)	06/07/2022	ONGOING: Work in progress.
DAG10-07	08/06/2022	Update the Conditional Approval Process and Work Off Oversight Process and present updates at the next DAG meeting	Programme (Warren Fulton)	06/07/2022	ONGOING: Work in progress.
DAG10-08	08/06/2022	Update the MHHS Design Baseline Dashboard to show more detail (e.g. next steps and timings)	Programme (Ian Smith)	06/07/2022	ONGOING: Work in progress.
DAG10-09	08/06/2022	DAG members to provide any comments on agenda items 6, 7, 9, 11, 12, and 13 within the meeting papers of the DAG held 08 June 2022 by close of business 16 June 2022	DAG Members	16/06/2022	RECOMMEND CLOSED: Comments received and routed to relevant MHHS leads for action.

Minutes and Actions Review (3 of 3)

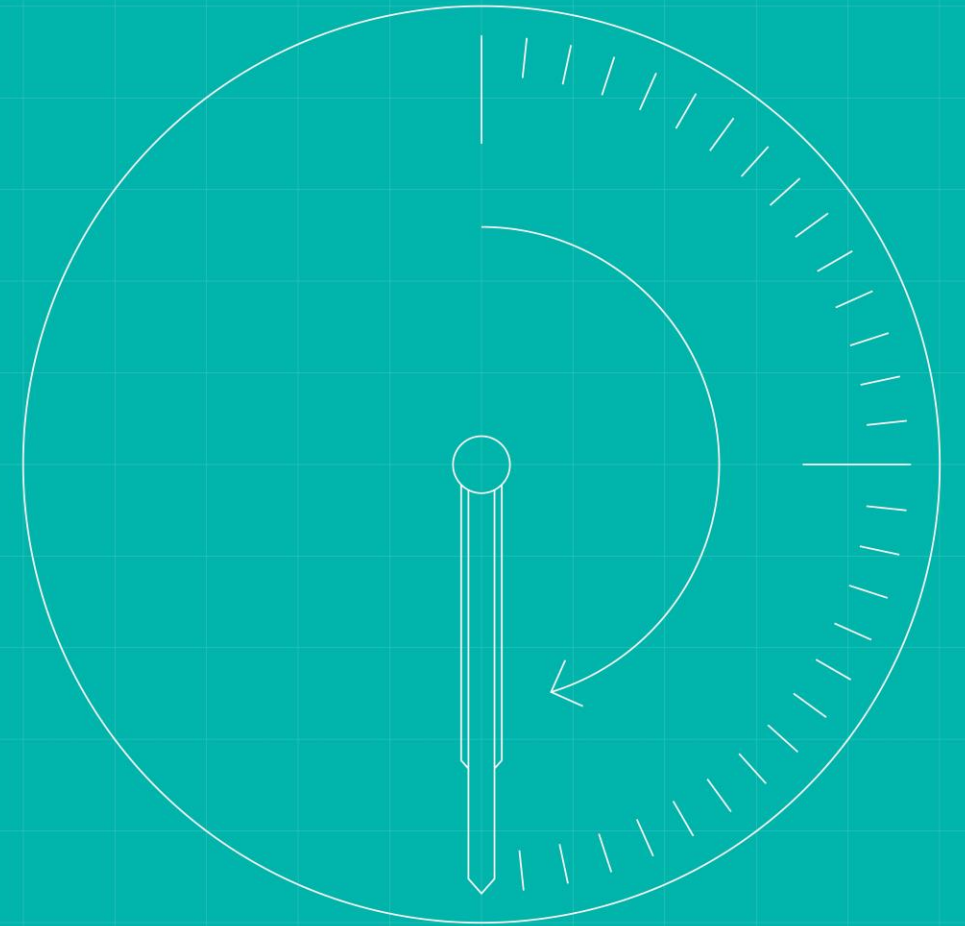
Ref	Date	Action	Owner	Due Date	Update
DAG10-10	08/06/2022	Schedule an extraordinary DAG meeting to discuss SEC MP162/level playing field principle and to review design-related RAID items (agenda items 8 and 10)	Programme (PMO)	w/c 20 June 2022 (TBC)	RECOMMEND CLOSED: Extraordinary DAG meeting held 21 June 2022. Headline Report available here .
DAG10-11	08/06/2022	Share copy of RAID for design specific issues for DAG members to review (RAID revision underway as part of Tranche 4 scheduling exercise)	Programme (Warren Fulton)	06/07/2022	RECOMMEND CLOSED: Link to the Design Risk Register shared with the DAG papers.
DAG10.1-01	21/06/2022	Discuss transition timetable and go/no-go decision with MH	Programme (Ian Smith)	06/07/2022	ONGOING: Session scheduled.
DAG10.1-02	21/06/2022	Clarify to JB the optimal communication routes and contact addresses/points of escalation within the Programme	Programme (Claire Silk)	28/06/2022	ONGOING: CS to discuss with JB.
DAG10.1-03	21/06/2022	Communicate current thinking around transition plan to DAG members	Programme (Ian Smith)	06/07/2022	ONGOING: Subject to programme decisions.
DAG10.1-04	21/06/2022	Issue design-specific RAID to DAG members as part of communications on design schedule replan to be issued 22 June 2022	Programme (PMO)	22/06/2022	RECOMMEND CLOSED: Link to the Design Risk Register shared with the DAG papers.
DAG10.1-05	21/06/2022	Issue Programme central RAID log to DAG members	Programme (PMO)	22/06/2022	RECOMMEND CLOSED: Issued with DAG 06 July 2022 Meeting Papers.
DAG10.1-06	21/06/2022	Provide any feedback on central Programme RAID prior to next DAG meeting	DAG Members	06/07/2022	Update to be provided in meeting.
DAG10.1-07	21/06/2022	Issue Retail Energy Code Change Proposal R0044 impact assessment document to DAG members	Programme (PMO)	22/06/2022	RECOMMEND CLOSED: Issued with DAG (Extraordinary) 21 June 2022 Headline Report.
DAG10.1-08	21/06/2022	Provide update on Retail Energy Code Change Proposal R0044 progress	REC Representative (Sarah Jones)	06/07/2022	Update to be provided in meeting.
DAG10.1-09	21/06/2022	Convene SDS subgroup 30 June 2022	Programme (PMO)	30/06/2022	RECOMMEND CLOSED: SDS Subgroup held 30 June 2022.
DAG10.1-10	21/06/2022	Inform constituents of SDS meeting on 30 June 2022	DAG Members	30/06/2022	RECOMMEND CLOSED: SDS Subgroup held 30 June 2022.

Tranche 3 Approval

DECISION: Approval of Tranche 3 design artefacts

Programme – Ian Smith

45 mins



MHHS Design- Tranche 3 Conditional Approval Request

The members of the Design Advisory Group are kindly requested to observe the following actions for the DAG meeting on: 6 July 2022

Request no.	Description	Action	Constituency response required
1	Review the Tranche 3 Conditional Approval slides in the 6 July 2022 DAG papers	Review	All constituencies
2	Review the Baseline Design issues register for Tranche 3 in the 6 July DAG papers	Review	All constituencies
3	Review the Dissensus register in the 6 July DAG papers	Review	All constituencies
4	Consult with your constituencies on the suitability of the Tranche 3 Design Artefacts according to the following criteria and convey your constituencies view on the following decisions:	Consult	All constituencies
4.1	Your constituency agrees that the Tranche 3 Design Artefacts meet the requirements of the MHHS TOM and any residual Design Issues are understood and do not significantly impact the stability of the End-to-End Design. If your constituency does not agree, kindly provide detailed information supporting their decision	Decision	All constituencies
4.2	Your constituency agrees that they have had appropriate opportunities to be consulted. If your constituency does not agree, kindly provide detailed information supporting their decision	Decision	All constituencies
4.3	Your constituency agrees that Non-consensus was managed fairly, constructively and transparently. If your constituency does not agree, kindly provide detailed information supporting their decision	Decision	All constituencies
4.4	Your constituency agrees that open Baseline Design Issues and dependencies have been explicitly called-out, categorized according to severity and have appropriate work-off measures. If your constituency does not agree, kindly provide detailed information supporting their decision	Decision	All constituencies

Tranche 3 Review

- 530 comments received from 15 organisations
- 64% of the comments resulted in minor changes to the documents
- 19% of comments were rejected for various reasons. Explanations for the rejections have been shared with comment owners.
- 8% of the comments have resulted in further activity to modify or validate elements of the design. The next steps for these items have been recorded in the Design Issues Log. No substantial design changes are expected.
- 9% of comments relate to artefacts that are being produced in subsequent tranches.
- Baseline Design Issues and Dependencies from all Tranches are recorded in the [Design Artefact Tracker](#)

The LDP SI Design Assurance Team have reviewed the Tranche 3 documents as part of its quality assurance activities, a more detailed review is ongoing, and have:

- ❑ **Identified no substantive design gaps in the Tranche 3 artefacts as part of its quality assurance activities that will materially impact the overall scope of the design**
- ❑ Similar to previous tranches we have captured a number of assurance issues against artefacts, mostly arising from the modelling of the content into the iServer architecture repository. These and other observations have been logged and the team continues to discuss the resolution of these with the SRO Design team
- ❑ The LDP SI Assurance Team have been present and contributed to sub-working group discussions
- ❑ The Design Assurance Team will share an overview of the assurance findings for Tranche 3 for 6 July DAG meeting

The DAG are invited to:

- Note the process followed in the production of the Tranche 3 design artefacts
- Note the resolution of the comments received during the Tranche 3 review and the outstanding design issues and dependencies (see slides 5 & 6 of DAG Summary Report)
- **CONDITIONALLY APPROVE** the Tranche 3 design artefacts, noting the outstanding design issues and dependencies detailed in this report will be resolved in Tranche 4

MHHS Design – DAG Report – Tranche 3 Conditional Approval (supporting information)

The DAG's conditional approval should note:

Design artefacts:

- Meet the requirements of the MHHS TOM
- Are stable and there are no unnecessary risk (supported by SI Design team review)
- Been consulted on with Market Participants in iterations through L4 working groups and MP review
- Been consensus views at L4 working groups

What asking for DAG conditional approval:

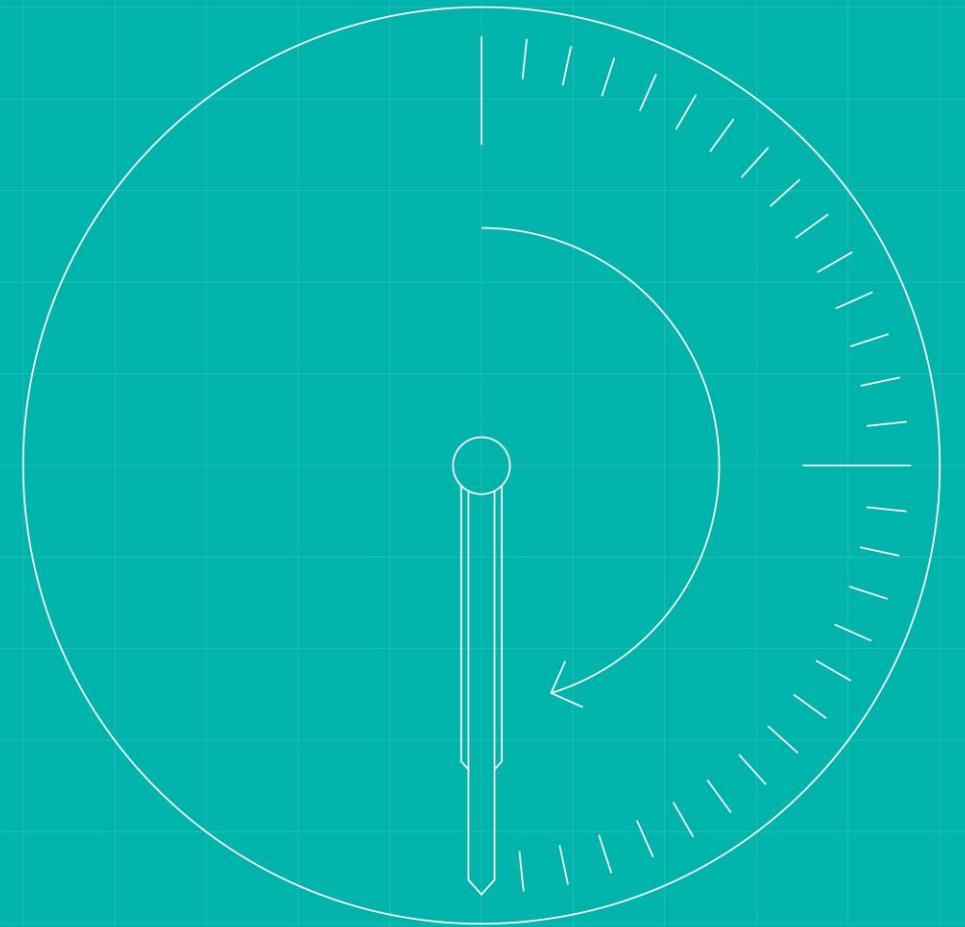
- Note the points above for Tranche 3 design artefacts
- Agree they meet the requirements of the MHHS TOM and are stable and there are no unnecessary risk (supported by SI Design team review)
- Note that, except where there is work on later Tranches, e.g. reporting, transition, interfaces, data catalogue, operational choreography and resolution of open Tranche 1, 2 & 3 design issues, no further work will be done on the Tranche 3 deliverables

Level Playing Field Design Principle

DECISION: Updates from SDS subgroup and actions related to SEC MP162

Chair

45 mins



DAG updates:

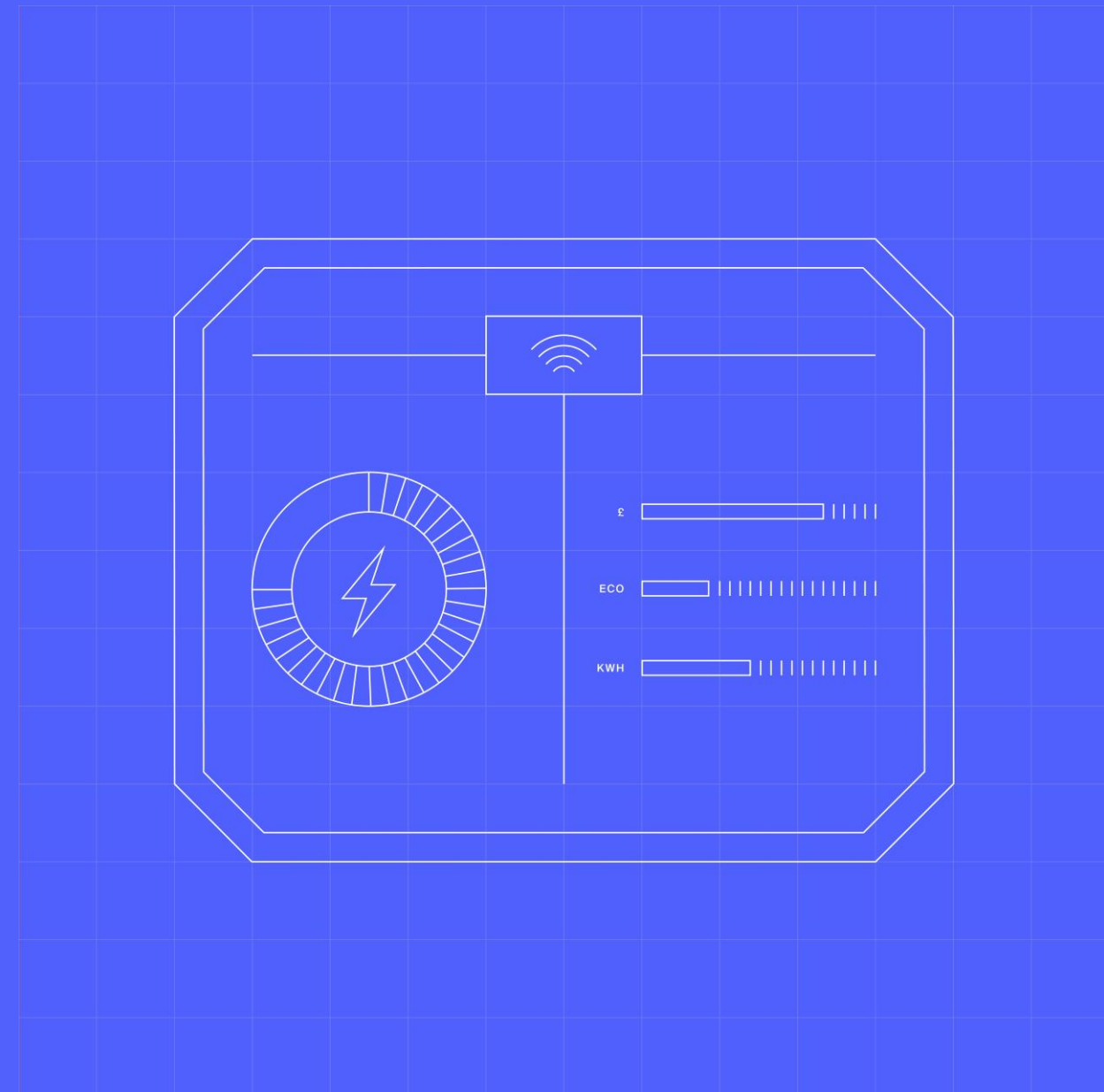
- Updates from SDS Subgroup 30 June 2022
- DAG Actions required in relation to SEC MP 162
- Update on REC R0044 (see action DAG10.1-08)

Review of RAID

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

Programme – Warren Fulton

45 mins



Review of RAID

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

Structure:

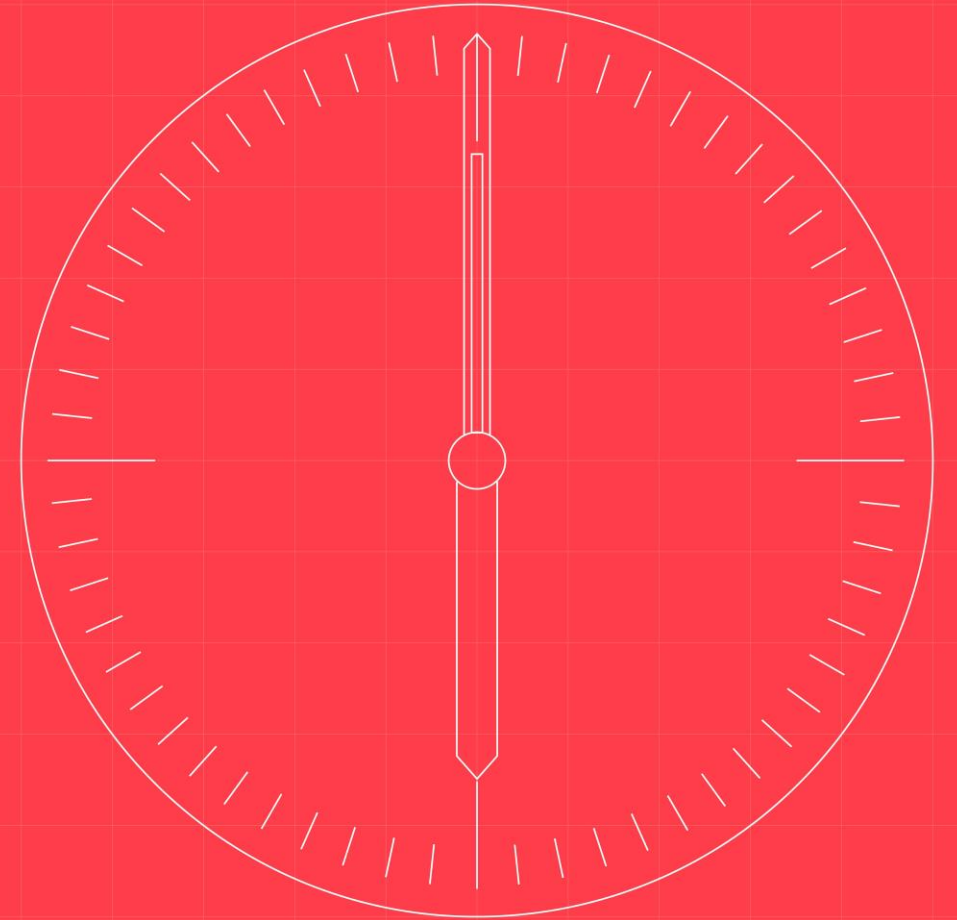
- DAG members to provide views prior to meeting of any risks for discussion and why
- Review of design-specific risks available in the Design Artefact Tracker (under 'Design Risk Log')
- Comments on central Programme RAID log (see Attachment 3)

MHHS Design Status Update

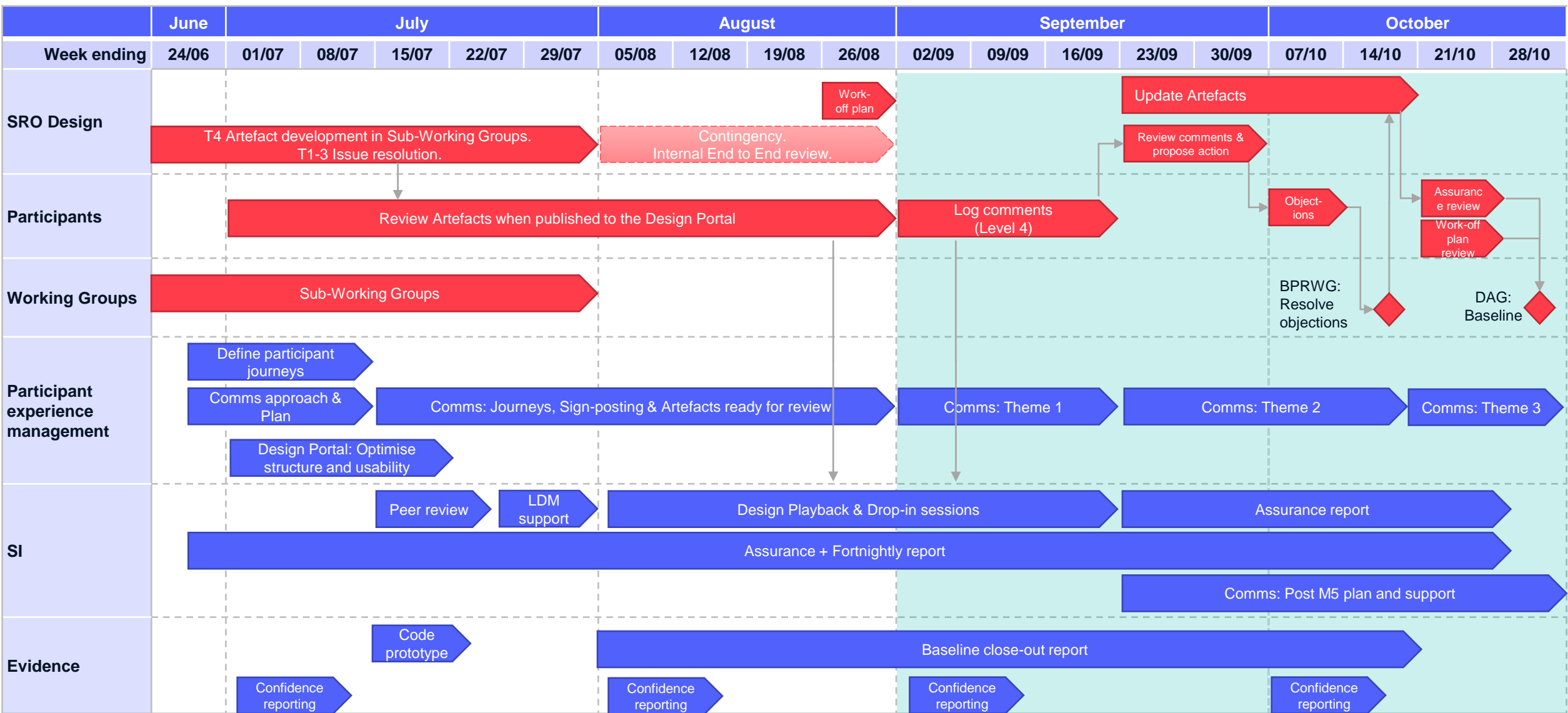
INFORMATION: Update on Design schedule and progress

Programme – Ian Smith & Claire Silk

15 mins



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



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

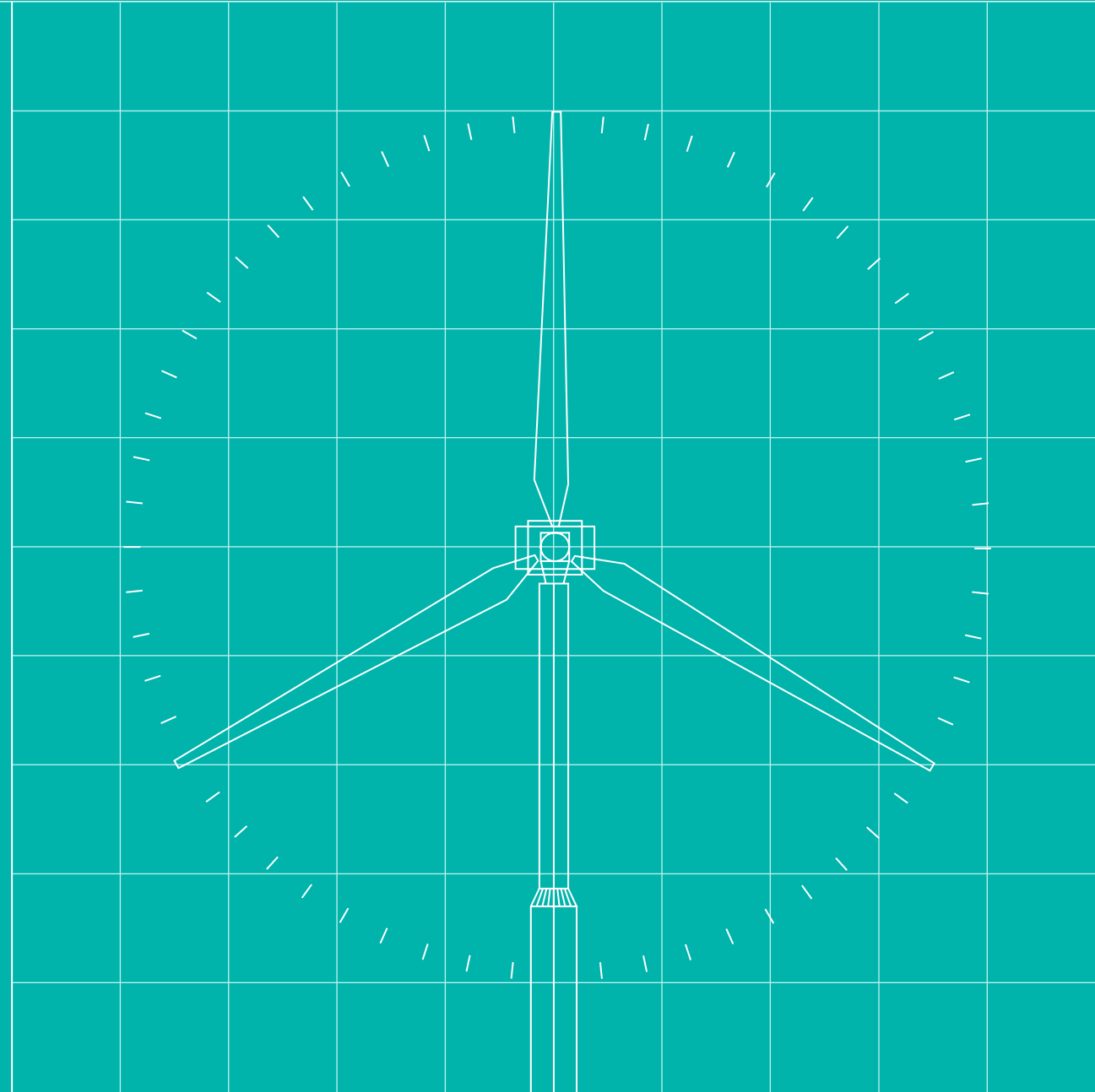
- Current status of all artefacts and schedule for completion
- Design Delivery Risks
- Baseline Design Issues
- Baseline Dependencies

Target Stakeholder Outcomes and Baseline Success Criteria

INFORMATION: Updates on Target Stakeholder Outcomes and Baseline Success Criteria

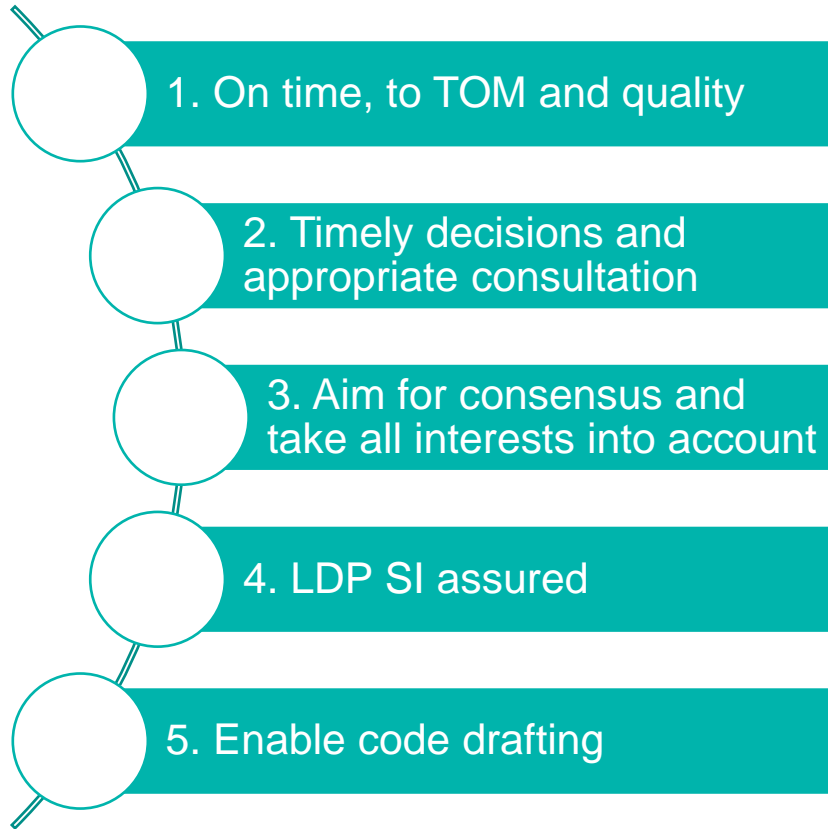
Programme - Ian Smith & Warren Fulton

10 mins



2.1 Target stakeholder outcomes

	PRE M5	POST M5
DAG	<ol style="list-style-type: none"> 1. We believe the Design meets the TOM requirements 2. We believe the Design meets the agreed design principles 3. We believe the Design is complete and sufficient to enable participants to commence their own detailed design, and that the SI have appropriately assured it 4. We believe all open material design issues have been resolved, and any residual issues and work-off plans are agreed 5. We believe the change request process and the SI facilitation thereof is appropriate 6. We believe the Design is defined appropriately to allow Code drafting to reflect the design without further design debate or further clarifications 	<ol style="list-style-type: none"> 1. We have sight of all Design Change Requests and are the primary decision making body for making recommendations for approving or rejecting design changes 2. We are satisfied that the Design Artefacts are being maintained 3. We have the ability to constitute sub-Working Groups to consider and develop change in response to change requests
Participants	<ol style="list-style-type: none"> 1. I have had the opportunity to engage in the development and review of the Design Artefacts 2. My contributions have been used or I have received reasonable justification as to why not 3. I know what to expect post M5 4. As an experienced industry technical person, I believe the Design Artefacts can be used to commence my detailed design activities and any associated sourcing of software and services 	<ol style="list-style-type: none"> 1. I can access the Design Artefacts 2. I have access to the SI and Design SME's to help me understand the Design 3. I have visibility of Change Requests and the impact on the Design Artefacts 4. I can raise Change Requests and they are considered and actioned as appropriate 5. I can commence my detailed design activities and any associated sourcing of software and services
CCAG	<ol style="list-style-type: none"> 1. We have been kept updated of Design progress to enable the code resource plan to be developed 2. We believe the Design is defined appropriately to allow Code drafting to reflect the design without further design debate or further clarifications 	<ol style="list-style-type: none"> 1. We can draft code changes using the Design 2. We have sight of Design Change Requests and can manage the impact on the codes



1. The Senior Responsible Owner (SRO) will ensure the efficient, economical and coordinated design of IT Systems and business processes for MHHS Implementation, in accordance with the MHHS Target Operating Model (TOM) and implementation plan baselines

2. The SRO will ensure that decisions are taken in a timely way, whilst ensuring that appropriate consultation of all Programme parties is carried out at all stages

3. The SRO should aim for consensus wherever possible and seek to take into account the interests of all Programme parties and consumers

4. The LDP SI will assure that all necessary Design Artefacts were complete and sufficient to enable all parties to detailed design, build and test their systems ahead of integration or user testing

5. The Design will be appropriately defined to allow Code drafting to reflect the design without further design debate or further clarifications

2.3 Baseline success criteria

1. DELIVERY

- 1.1 The Artefacts were delivered on time, with no unresolved significant design issues
- 1.2 There was a clearly defined architectural framework and associated principles
- 1.3 The architectural framework and principles were applied according to the Programme objectives and the business case
- 1.4 The Design documentation was clear, complete and to an appropriate level of detail to enable Participants to commence detail design activities
- 1.5 The Design aligned to the TOM as set out by the CCDG and Architecture Working Group (AWG)
- 1.6 The Design showed how the various components integrate with each other
- 1.7 There were appropriate data, process, and technical models, sufficiently cross-referenced, consistent, and complete
- 1.8 The Design will support effective and efficient testing
- 1.9 The Design defined how the system will be managed during operation, including outages/disruption and system recovery across all parties
- 1.10 A clear process had been followed to derive and validate the assumptions on which non-functional requirements are based
- 1.11 The design activity aligned and supported the pre M5 activities of Central Parties (E.g. Helix development prior to M5, Data Integration Platform procurement)
- 1.12 The Design mapped to components being developed outside the MHHS Programme (e.g. Elexon Helix and SEC MP162, REC CP R044)

2. CONSULTATION

- 2.1 The project mechanisms were sufficient for Industry Consultation (e.g. DAG and the sub Working Groups) and for providing sufficient input and challenge on the design
- 2.2 Sufficient Programme Participants sufficiently engaged in the design process to support a robust end-to-end design
- 2.3 The design milestones were consistent with other Programme milestones

3. CONSENSUS

- 3.1 Sufficient time was provided for industry engagement to resolve open design decisions
- 3.2 Non-consensus was managed fairly, constructively and transparently
- 3.3 DAG approved the design (final baseline decision)

4. ASSURANCE

- 4.1 The SI assured that all necessary Design Artefacts were complete and sufficient to enable all parties to detailed design, build and test their systems ahead of integration or user testing.
- 4.2 The next steps (e.g. post Design baseline awareness sessions, other Programme activities, replan etc.) post M5 were agreed, communicated and understood by Programme parties

5. CODE DRAFTING

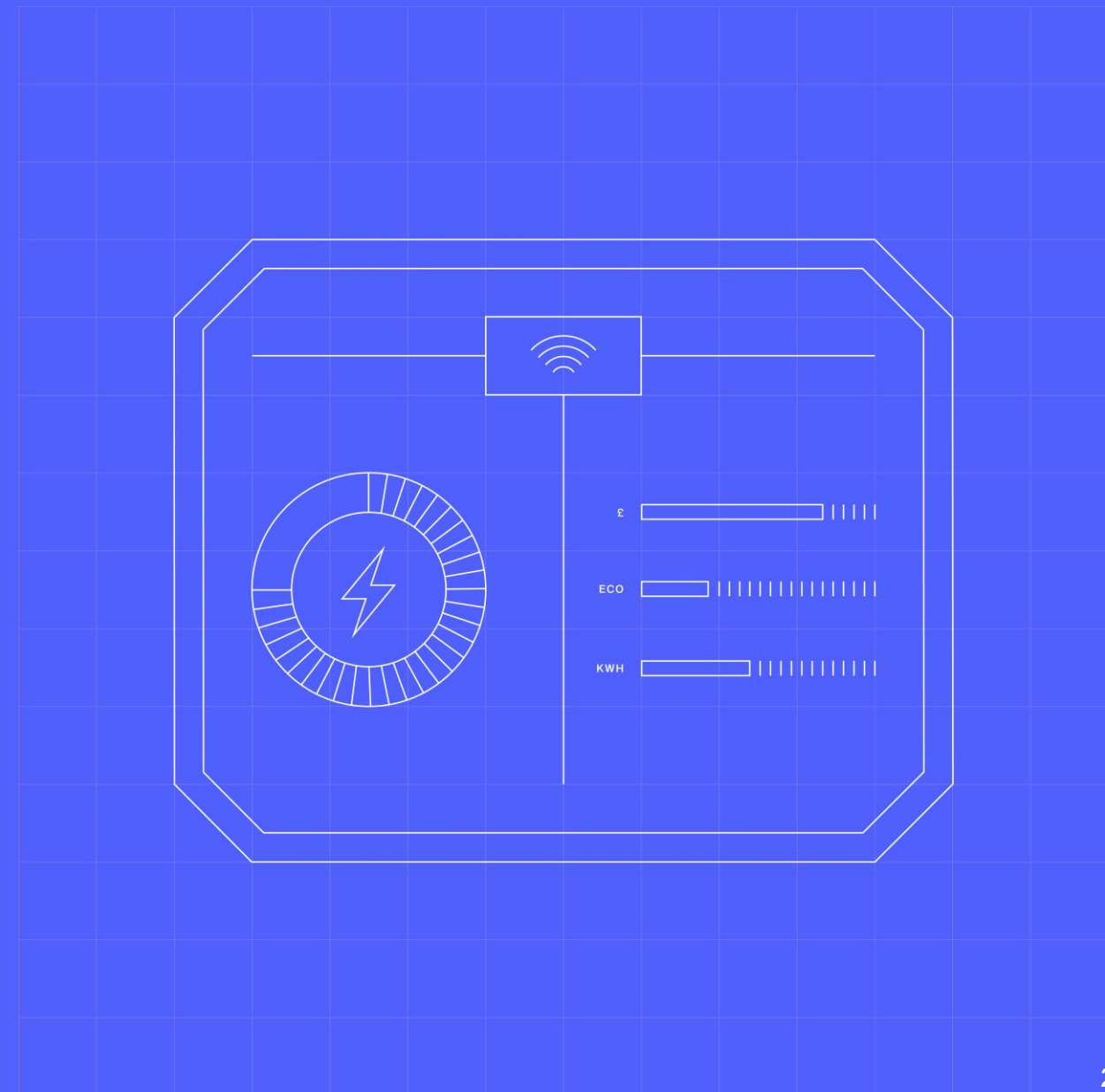
- 5.1 The Design is defined appropriately to allow Code drafting to reflect the Design without further design debate or further clarification
- 5.2 There is an agreed approach to Code drafting that is driven by the Design
- 5.3 Impacted Code Bodies' resources are available and plans agreed to draft changes following completion of the Design

Design Decisions

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

Programme – Ian Smith

15 mins



Design Decisions: BPRWG escalations

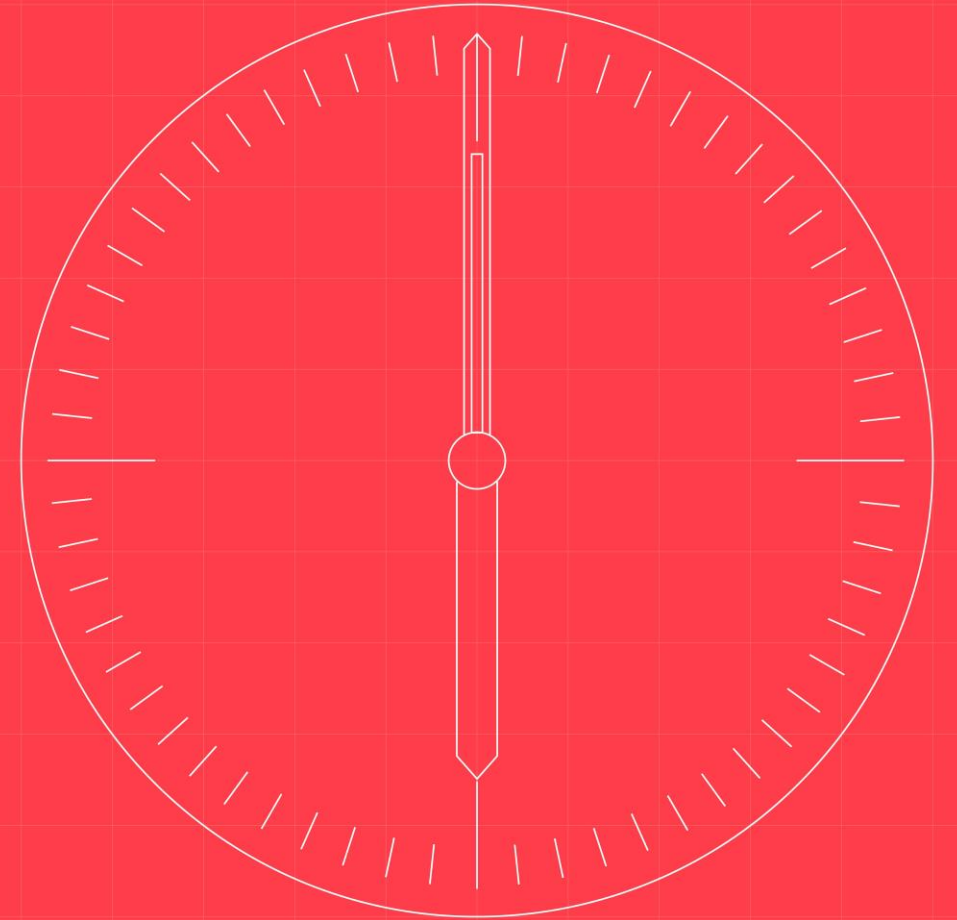
- DAG to discuss any escalations from BPRWG meeting 29 June 2022

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)

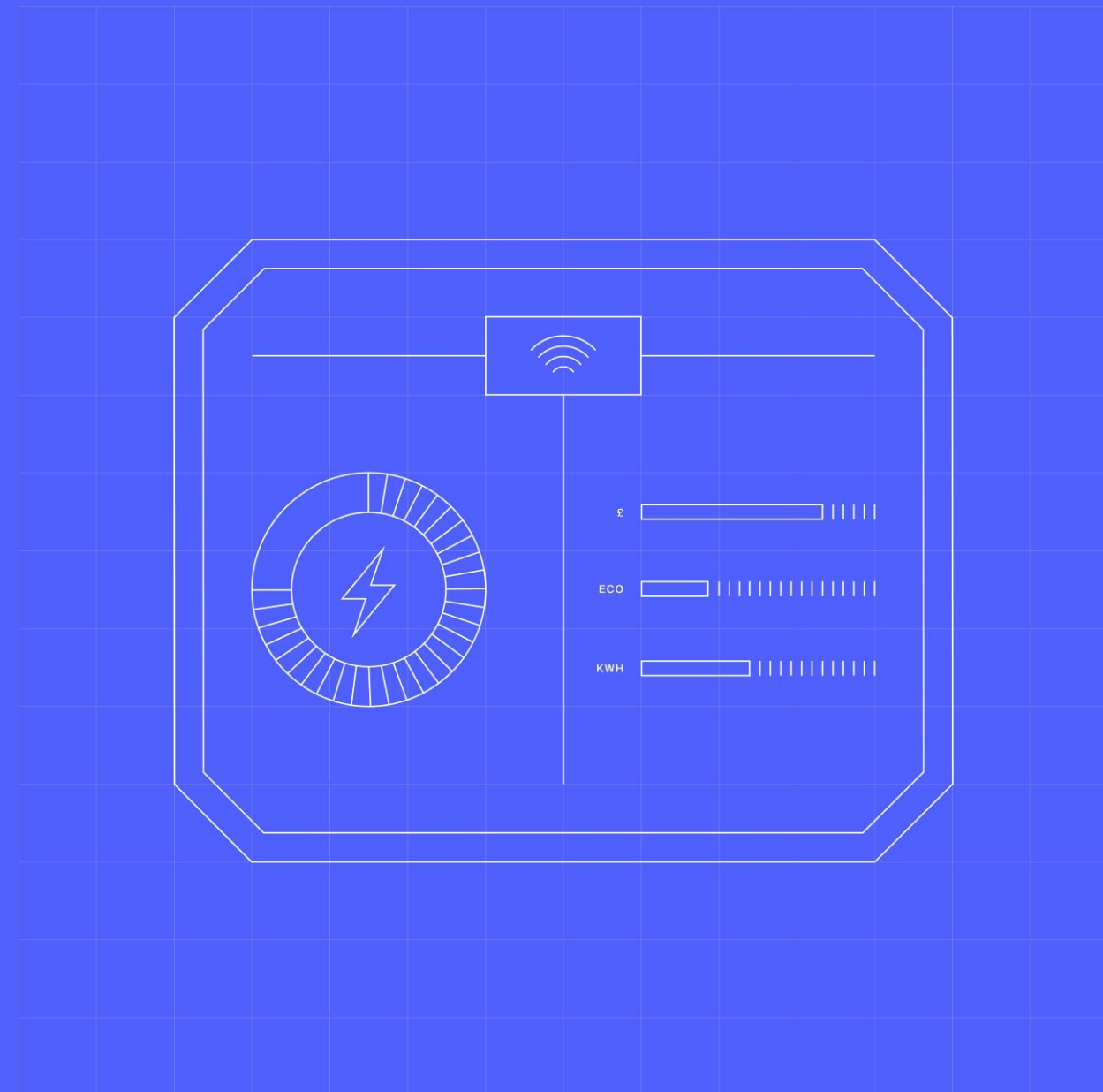
Ref	Principle	Scope	Sub-Principle	References
7	TOM Service Operators will be responsible for reporting data accuracy issues to the data owner/manager	System Wide		PRI003
8	Data will be processed by all parties promptly and in accordance with applicable industry codes	System Wide	[Data services should 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: Provide relevant updates from other MHHS Programme Level 2-3 governance groups.

Programme – PMO

For information only, not for discussion



Programme Steering Group (PSG)

Update from PSG 08 June 2022

1. **Planning** – The Programme provided an update on the Programme re-plan and presented the Programme Interim Plan.
2. **Design risks** – The Programme design team gave an update on the progress of the Programme Design. This included the rationale behind the decision to delay release of Tranche 4 artefacts to July.
3. **CR008** – The PSG approved of CR008.
4. **Mobilisation and M3** – The PSG discussed requirements for mobilisation and made a decision to raise CR007 to impact assessment. This Change Request moves M3 to the end of September 2022.
5. **IPA** – The PSG approved the Independent Programme Assurance Framework (IPAF). The IPA provided an overview of their current activity.
6. **Programme Outcomes and KPIs** – the PSG approved the Programmes Benefits Realisation Plan subject to updates discussed in PSG.
7. **E2E Testing and Integration Strategy** – The Programme gave an overview of the purpose of the strategy, the phases and stages of testing (SIT, PIT and UIT), and participant roles in the E2E Testing and Integration Strategy.

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

Cross-Code Advisory Group (CCAG)

Update from CCAG 22 June 2022

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

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

Testing and Migration Advisory Group (TMAG)

Update from TMAG 15 June 2022

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

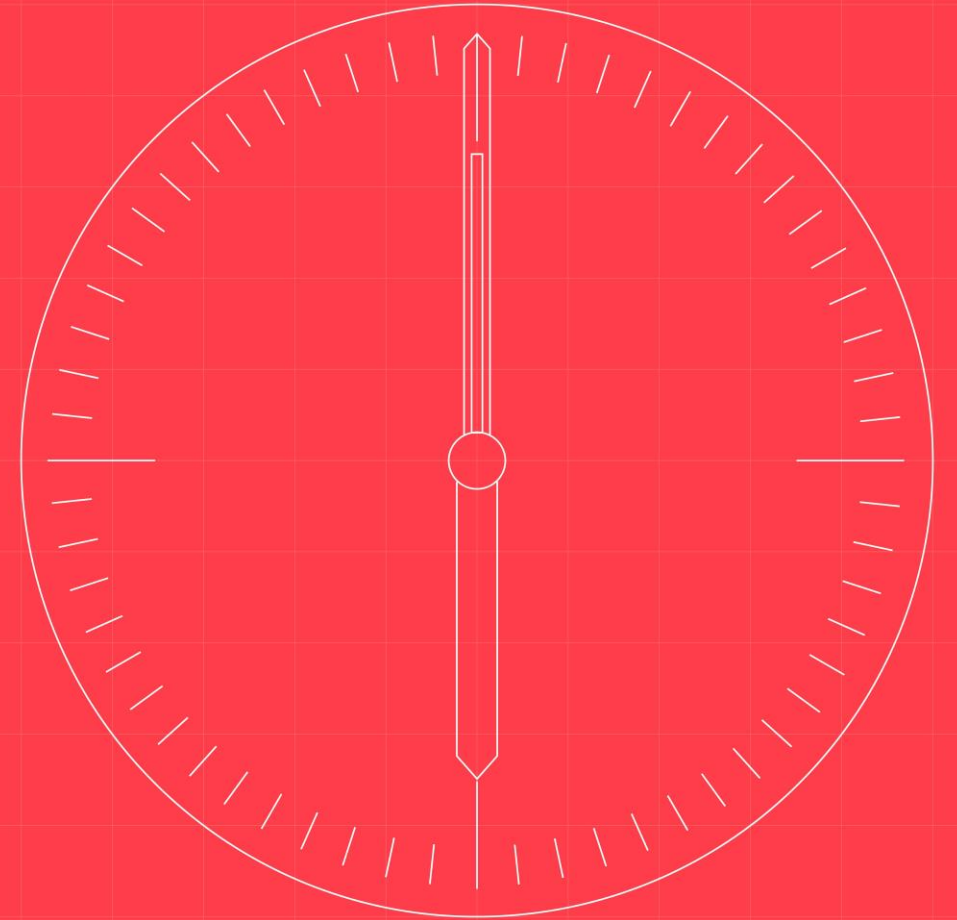
The TMAG Headline Report is available [here](#).

Level 4 Working Group Updates

INFORMATION: Updates on Design Level 4 Working Groups

Programme – Claire Silk

For information only, not for discussion



MHHS Design Working Group Schedule- 20th June to 1st July

June				Mon	Tue	Wed	Thur	Fri	Mon	Tue	Wed	Thur	Fri
Sub-Group	Reference	Artefact(s)	Linked Issue	20-Jun	21-Jun	22-Jun	23-Jun	24-Jun	27-Jun	28-Jun	29-Jun	30-Jun	01-Jul
	MHHSP-BPD004	Data Collection									Ready for Review		
	MHHSP-BPD005	Data Processing									Ready for Review		
	MHHSP-BPD001	Change of Supplier									Ready for Review		
	MHHSP-BPD002	Change of Service- Metering Service									Ready for Review		
	MHHSP-BPD003	Change of Service- Data Service									Ready for Review		
	MHHSP-BPD003A	CSS and DCC updates									Ready for Review		
	MHHSP-BPD003B	Change of Existing Service Appointment Details									Ready for Review		
	MHHSP-BPD003C	Transfer of read									Ready for Review		
	MHHSP-BPD006	New Connection									Ready for Review		
	MHHSP-BPD007	Disconnection									Ready for Review		
	MHHSP-BPD008	Change of Energisation Status									Ready for Review		
	MHHSP-BPD009	Change of Meter									Ready for Review		
	MHHSP-BPD010	Change of Registration Data									Ready for Review		
	MHHSP-BPD011	Change of Market Segment and/or Connection Type									Ready for Review		
Unmetered	MHHSP-METH004	UMSDS- EM Functions					\$/WG Mtg		Ready for Review				
Unmetered	MHHSP-METH009	UMSO Procedures					\$/WG Mtg		Ready for Review				
Reporting	MHHSP-BRS011B	Reporting Requirements (ECS)- Part 2	SNG_024					\$/WG Mtg					\$/WG Mtg
Reporting	MHHSP-IF047	Publish ISD						\$/WG Mtg					\$/WG Mtg
Reporting	MHHSP-EM021B	ISD Entity Map- PART 2						\$/WG Mtg					\$/WG Mtg
Reporting	MHHSP-EDI021B	ISD Entity Map- Data Item Definitions- PART 2	SNG_036					\$/WG Mtg					\$/WG Mtg
Registration	MHHSP-BP011	Change of Market Segment and/or Connection Type			\$/WG Review								
Registration	MHHSP-BP003C	Transfer of Read	SNG_027										
Operational Choreography	MHHSP-OPC001	Operational Choreography							\$/WG Mtg				
Registration	MHHSP-BRS003	Registration Service										\$/WG Review	

NOTE: This is a snapshot as of 26/6- For the most up to date detail please view the Working Group Schedule [here](#)

MHHS Design Working Group Schedule- 4th – 15th July

Sub-Group	Reference	Artefact(s)	Linked Issue	Mon 04-Jul	Tue 05-Jul	Wed 06-Jul	Thur 07-Jul	Fri 08-Jul	Mon 11-Jul	Tue 12-Jul	Wed 13-Jul	Thur 14-Jul	Fri 15-Jul
Advanced	MHHSP-METH002	ADV- Validation & Estimation	SNG_039 SNG_042 SNG_043 SNG_044				SWG Mtg			Ready for Review			
Reporting	MHHSP-BRS011B	Reporting Requirements (ECS)- Part 2	SNG_024					SWG Mtg			Ready for Review		
Reporting	MHHSP-IF047	Publish ISD						SWG Mtg			Ready for Review		
Reporting	MHHSP-EM021B	ISD Entity Map- PART 2						SWG Mtg			Ready for Review		
Reporting	MHHSP-EDI021B	ISD Entity Map- Data Item Definitions- PART 2	SNG_036					SWG Mtg			Ready for Review		
Registration	MHHSP-BP011	Change of Market Segment and/or Connection Type				Ready for Review							
Registration	MHHSP-BP003C	Transfer of Read	SNG_027							SWG Mtg			Ready for Review
Operational Choreography	MHHSP-OPC001	Operational Choreography		SWG Mtg		SWG Review						Ready for Review	
Registration	MHHSP-DES052	Interface List										SWG Mtg	
	MHHSP-IF001	Notification of Change of Supplier										SWG Mtg	
	MHHSP-IF002	Registration Update to Supplier (COS Gain)										SWG Mtg	
	MHHSP-IF005	Metering Service MTD Updates to Registration	SNG_001									SWG Mtg	
	MHHSP-IF031	Supplier Service Appointment Request										SWG Mtg	
	MHHSP-IF032	Registration Service Response to Supplier Service App Request										SWG Mtg	
	MHHSP-IF033	Registration Service Request for Service Appointment										SWG Mtg	
	MHHSP-IF034	Service Provider Response to Appointment Request										SWG Mtg	
	MHHSP-IF035	Registration Service Notification to Supplier of Service Appointment										SWG Mtg	
	MHHSP-IF036	Registration Service Notification of Service of Appointment & Supporting Info										SWG Mtg	
	MHHSP-IF037	Registration Service Notification of Service De-Appointment										SWG Mtg	
	MHHSP-IF038	Customer Direct Contract Advisory										SWG Mtg	
	MHHSP-IF039	Customer Direct Contract Advisory Response										SWG Mtg	
	MHHSP-IF040	Correlated MPAN Activity										SWG Mtg	
	MHHSP-IF045	Request Change of Segment										SWG Mtg	
MHHSP-IF046	Registration Service Notification of Change of Segment										SWG Mtg		
Elxon Central Systems	MHHSP-BRS007	Load Shaping Service (ECS)	SNG_018 SNG_021										SWG Mtg
Elxon Central Systems	MHHSP-METH007	Market-wide Data Service (ECS)	SNG_033										SWG Mtg
Registration	MHHSP-BRS003	Registration Service											

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MHHS Design Working Group Schedule- 18th – 29th July

Sub-Group	Reference	Artefact(s)	Linked Issue	Mon	Tue	Wed	Thur	Fri	Mon	Tue	Wed	Thur	Fri
				18-Jul	19-Jul	20-Jul	21-Jul	22-Jul	25-Jul	26-Jul	27-Jul	28-Jul	29-Jul
	MHHSP-DataCatalo	Data Catalogue						Ready for Review					
	MHHSP-BusProces	Business Process List						Ready for Review					
Registration	MHHSP-DES052	Interface List		\$WG Review							Ready for Review		
	MHHSP-IF001	Notification of Change of Supplier		\$WG Review							Ready for Review		
	MHHSP-IF002	Registration Update to Supplier (COS Gain)		\$WG Review							Ready for Review		
	MHHSP-IF005	Metering Service MTD Updates to Registration	SNG_001	\$WG Review							Ready for Review		
	MHHSP-IF031	Supplier Service Appointment Request		\$WG Review							Ready for Review		
	MHHSP-IF032	Registration Service Response to Supplier Service App Request		\$WG Review							Ready for Review		
	MHHSP-IF033	Registration Service Request for Service Appointment		\$WG Review							Ready for Review		
	MHHSP-IF034	Service Provider Response to Appointment Request		\$WG Review							Ready for Review		
	MHHSP-IF035	Registration Service Notification to Supplier of Service Appointment		\$WG Review							Ready for Review		
	MHHSP-IF036	Registration Service Notification of Service of Appointment & Supporting Info		\$WG Review							Ready for Review		
	MHHSP-IF037	Registration Service Notification of Service De-Appointment		\$WG Review							Ready for Review		
	MHHSP-IF038	Customer Direct Contract Advisory		\$WG Review							Ready for Review		
	MHHSP-IF039	Customer Direct Contract Advisory Response		\$WG Review							Ready for Review		
	MHHSP-IF040	Correlated MPAN Activity		\$WG Review							Ready for Review		
	MHHSP-IF045	Request Change of Segment		\$WG Review							Ready for Review		
MHHSP-IF046	Registration Service Notification of Change of Segment		\$WG Review							Ready for Review			
Elexon Central Systems	MHHSP-BRS007	Load Shaping Service (ECS)	SNG_018 SNG_021			Ready for Review							
Elexon Central Systems	MHHSP-METH007	Market-wide Data Service (ECS)	SNG_033			Ready for Review							
Registration	MHHSP-BRS003	Registration Service									Ready for Review		
Registration	MHHSP-VAL001	Registration Validation Rules	SNG_006		\$WG Mtg		\$WG Review						Ready for Review
	MHHSP-DES052	Logical Data Model											Ready for Review

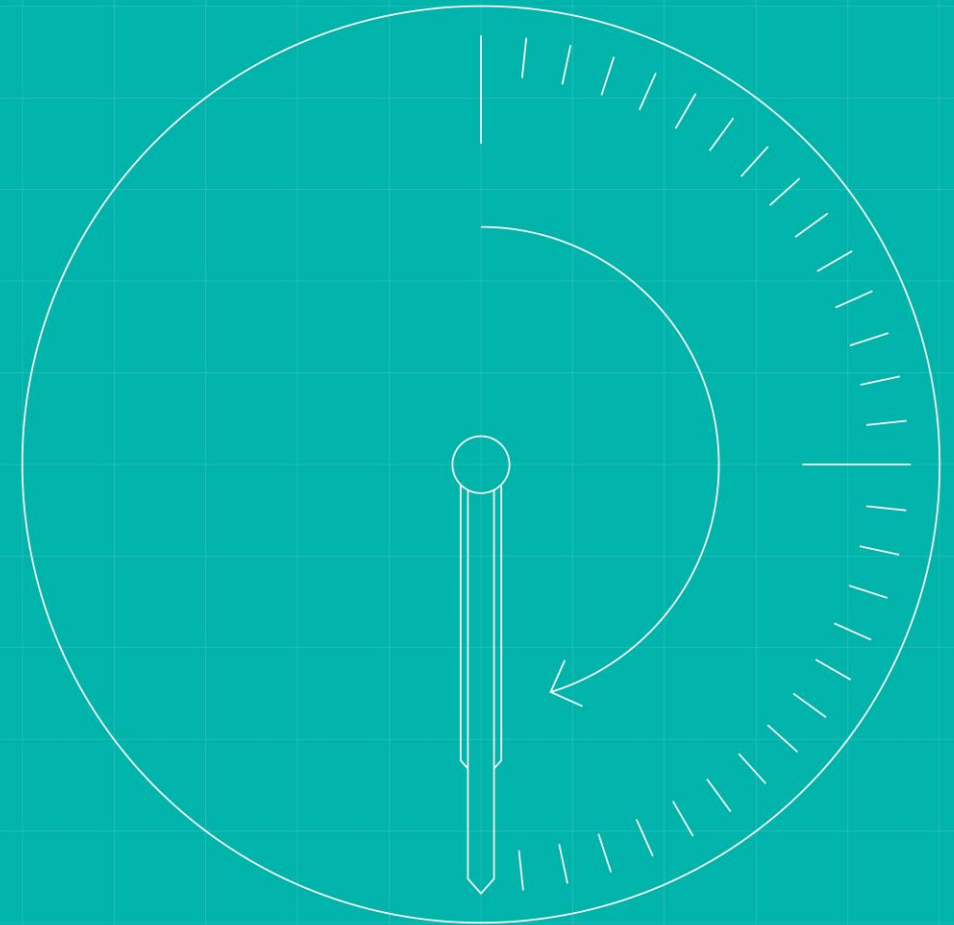
NOTE: This is a snapshot as of 26/6- For the most up to date detail please view the Working Group Schedule [here](#)

Summary and Actions

INFORMATION: Summarise actions and plan agenda for next meeting

Chair & Secretariat

10 mins



DAG Forward Look

DAG Agenda Roadmap:

*agenda items to be confirmed

Meeting dates	06-Jul	20-Jul	27-Jul
Relevant milestones/activities			
Agenda items	Tranche 3 approval	Tranche 4 Decisions and Escalations	Tranche 4 Decisions and Escalations
Standing items	Minutes & actions Governance group updates DAG Design Principles Design Decisions Level Playing Field Principle MHHS Design Dashboard L4 working group report Review of RAID Summary and next steps	Minutes & actions Summary and next steps	Minutes & actions Summary and next steps

Reminder: Working Group Schedule

Level 4 Working Groups

BPRWG	1st Wednesday of every month	1000-1200	Monthly
SDWG*	1st Wednesday of every month	1400-1530	Monthly
TDWG*	1st Thursday of every month	1400-16:00	Monthly

*SDWG and TDWG form part of sub-groups on a monthly rotation

Sub-working Groups

BPRWG Sub-groups	Tuesday (<i>Registration</i>)	1000-1300	Weekly
	Thursday (<i>Smart or Advanced or Unmetered</i>)	1000-1300	Weekly
	Friday (<i>Elexon Central Systems</i>)	1000-1300	Weekly
TDWG Sub-Group	Thursday	1400-1600	Weekly
SDWG Sub-Group	Wednesday	1400-1530	Fortnightly

Next Steps

- Confirm actions from meeting
- Date of next DAG: 21 July 2022 10:00am-3:00pm

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)

Attachments

Attachment 1 – DAG 11 May 2022 Minutes and Actions v1.2 (change marked)

Attachment 2 – Tranche 3 DAG Summary Report

Attachment 3 – Programme RAID Log

Attachment 3 – DIP Functional Specification v2.1

Attachment 4 – DIP Non-Functional Requirements v2.0

