MHHS PROGRAMME

Industry-led, Elexon facilitated

Testing and Migration Advisory Group #7

20 July 2022

Version 1.0

MHHS-DEL508

Agenda

#	Item	Objective	Type	Lead	Time	Page
1	Welcome	Welcome, including introduction to Dominic Mooney		Chair	10:00-10:05 *5 mins*	
2	Minutes, Actions and Relevant Information	Approve June TMAG minutes. Update on open actions, closing where appropriate	Decision	Chair and Secretariat	10:05-10:10 *5 mins*	3
3	Governance Group Updates	Provide updates from L2 and L3 governance groups	Information	Programme (PMO)	10:10-10:15 *5 mins*	5
4	Test data generator for consumption data	Hear feedback from TMAG members on action TMAG05-01 and discuss next steps	Discussion	TMAG members, Programme (Kate Goodman)	10:15-10:25 *10 mins*	7
5	Working group deliverables and dependencies schedule	Present the working group deliverables and dependencies schedule for feedback from TMAG members (action TMAG06-06)	Discussion	Programme (Kate Goodman)	10:25-10:45 *20 mins*	9
6	RAID review	Review Testing and Migration RAID items	Discussion	Programme (PMO, Kate Goodman)	10:45-11:05 *20 mins*	11
7	Working group updates	• Provide updates from discussion at the DWG, MWG and EWG • Make a decision on whether to approve the EWG Terms of Reference	Information Decision	Programme (Kate Goodman)	11:05-11:20 *15 mins*	13
8	Summary and next steps	Summarise actions and look ahead to August's TMAG	Information	Chair and Secretariat	11:20-11:25 *5 mins*	15
	Attachments	• Attachment 1: Environments and Configurations Management Working Group (EWG) Terms of Refernece				

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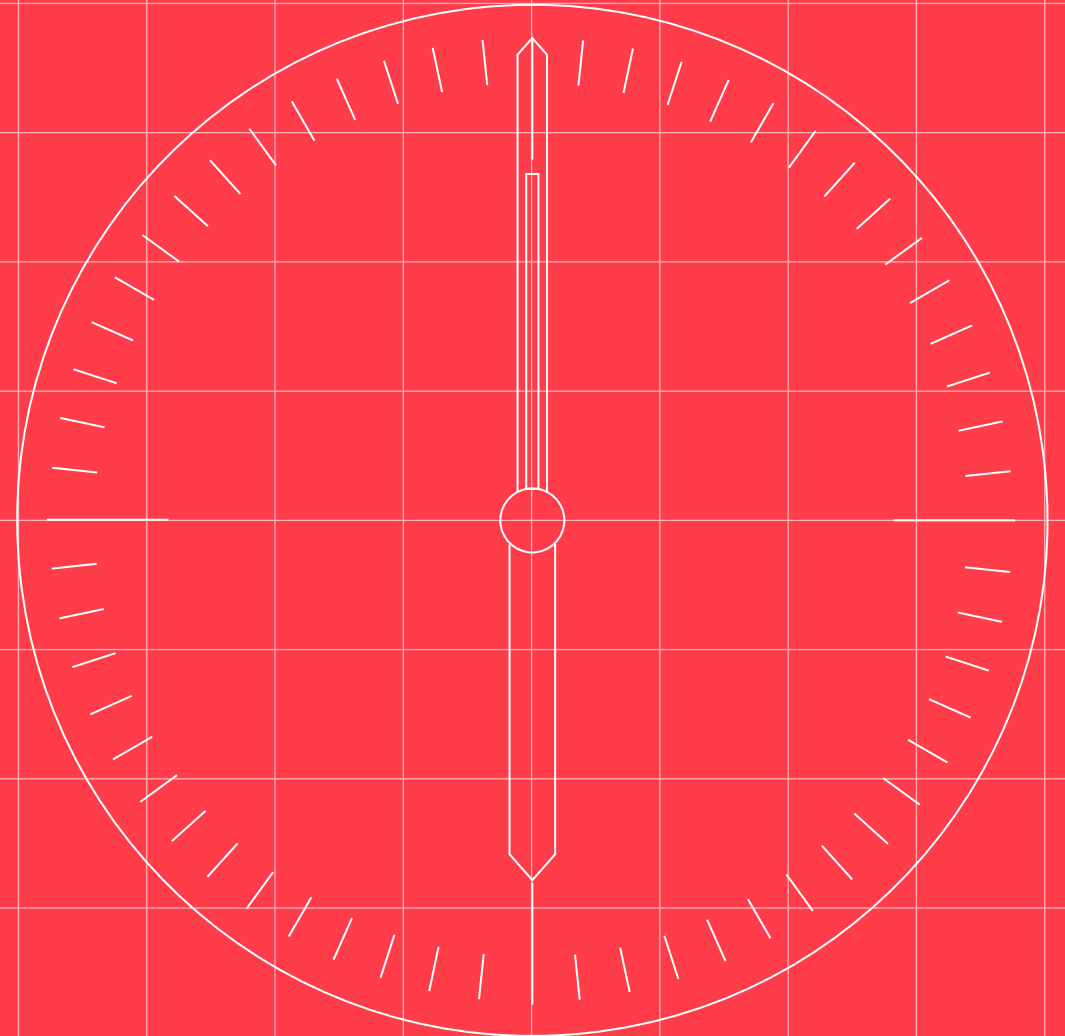
Document Classification: Public

Minutes, Actions and Relevant Information

DECISION/INFORMATION:
• Approve April TMAG minutes
• Update on open actions, closing where appropriate

Chair and Secretariat

5 mins

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Minutes and Actions Review

1. **Approval of Minutes** from TMAG 17 June 2022 ([TMAG Meeting Minutes – 17 June 2022](#))
2. **Open Actions and Actions from TMAG 17 June 2022**
- Actions will be discussed by exception. Please review the action updates ahead of the meeting

Ref	Date	Action	Owner	Due Date	Status	Latest Update
TMAG05-01	15/05/2022	Validate with constituents the Programme's assumption that Programme Participants have a way of injecting the Programme's generated data into their systems. Share feedback from constituents with PMO ahead of next TMAG	TMAG members	15/06/2022	Recommend closed	July TMAG agenda item 4 for discussion
TMAG06-01	17/06/2022	Provide further detail on test data generator for consumption data. To enable TMAG members to confirm the MHHS assumption that PPs have their own test stubs which are particular to their solution which can be used to inject the manufactured consumption data into their systems as appropriate. (Note that action TMAG05-01 on TMAG members to consult constituents still stands.)	TMAG representatives	22/06/2022	Closed	Shared in June TMAG minutes
TMAG06-02	17/06/2022	Share DWG and MWG Headline Reports with TMAG members	Programme (PMO)	16/06/2022	Closed	Shared with June TMAG Headline Report
TMAG06-03	17/06/2022	Provide further feedback to the Programme on any Unmetered Data Services data quality issues	DNO Respresentative (Ian Hatton)	06/07/2022	Recommend Closed	Feedback received and shared with Testing workstream
TMAG06-04	17/06/2022	Share the Test Data Strategy with TMAG members	Programme (PMO)	16/06/2022	Closed	Shared with June TMAG Headline Report
TMAG06-05	17/06/2022	Meet to discuss testing scope (e.g. MPXNs) and bring up to speed on progress of TMAG	Kate Goodman, Nicola Bumford	06/07/2022	Open - ongoing	Meeting scheduling in progress
TMAG06-06	17/06/2022	Develop a schedule of deliverables per TMAG working group, outlining the dependencies between groups	Programme (Kate Goodman)	06/07/2022	Recommend closed	July TMAG agenda item 5 for discussion
TMAG06-07	17/06/2022	Share MHHS governance and working group structure	Programme (PMO)	16/06/2022	Closed	Shared with June TMAG Headline Report

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Governance Group Updates

INFORMATION: Provide updates from L2 and L3 governance groups

PMO

5 mins

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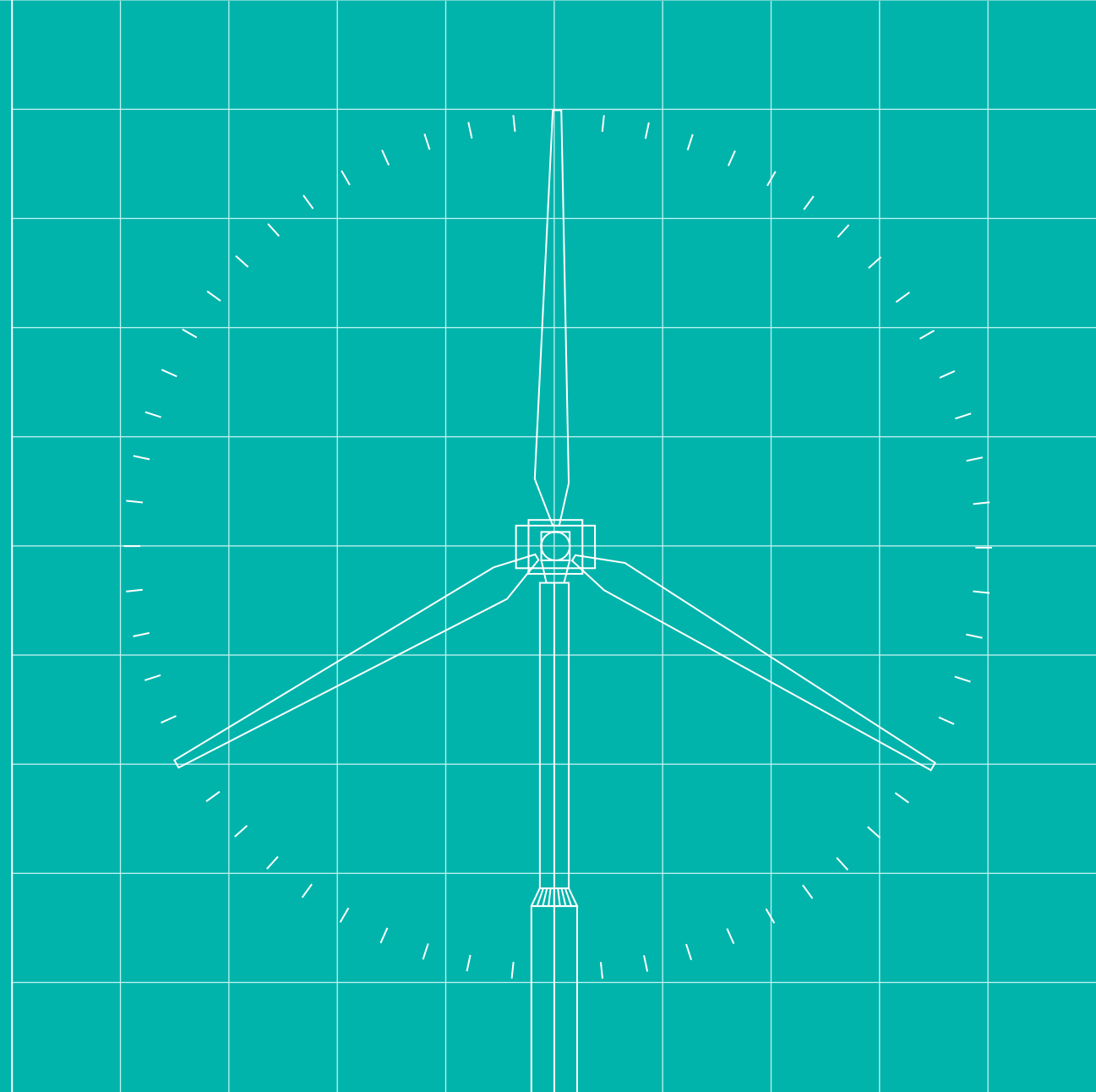
Programme Steering Group (PSG)

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. 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 22 June 2022

1. **CCAG code drafting M6-M8 plan –** The Programme presented the latest draft of the code drafting plan to M8. The CCAG provided a range of feedback on content of the plan, such as on the durations and approach to certain activities (e.g. transitional text, implementation, review cycles). The Programme has a number of areas to look at in further detail to bring back to July CCAG

2. **Code draft resourcing –** The Programme shared a code drafting RACI and updated resource plan. Some feedback was provided by CCAG members to update

3. **Code drafting principles and approach –** The Programme presented the updated principles and approach following CCAG and DAG feedback. Some further areas were raised to update

4. **Horizon Scanning –** The CCAG reviewed the code modification horizon scanning log. Some updates were provided on existing and new code modifications for the Programme to review further

5. **Code Drafting Working Group** – The first CDWG meeting will be help 30 June 2022. This group will review code drafting and assess alignment to design

The CCAG Headline Report is available here.

Design Advisory Group (DAG)

Update from DAG 06 July 2022

1. **Tranche 3 Approval** – The DAG conditionally approved the Tranche 3 design artefacts

2. **Level Playing Field Design Principle** – The DAG continue to assess whether Smart Energy Code Modification Proposal (SEC MP) 162 is consistent with the MHHS design principles. The Programme will produce a paper detailing the options available and the advantages/disadvantages to help inform DAG's decision, or support escalation where DAG cannot reach agreement.

3. **DIP Functional Specification and Non-Functional Requirements** – the latest version of each document were issued to the DAG, incorporating amendments made following review. Please see the latest documents provided with the DAG meeting papers available here.

The DAG Headline Report is available here

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Test data generator for consumption data

DISCUSSION: Hear feedback from TMAG members on action TMAG05-01 and discuss next steps

TMAG members, Programme (Kate Goodman)

10 mins

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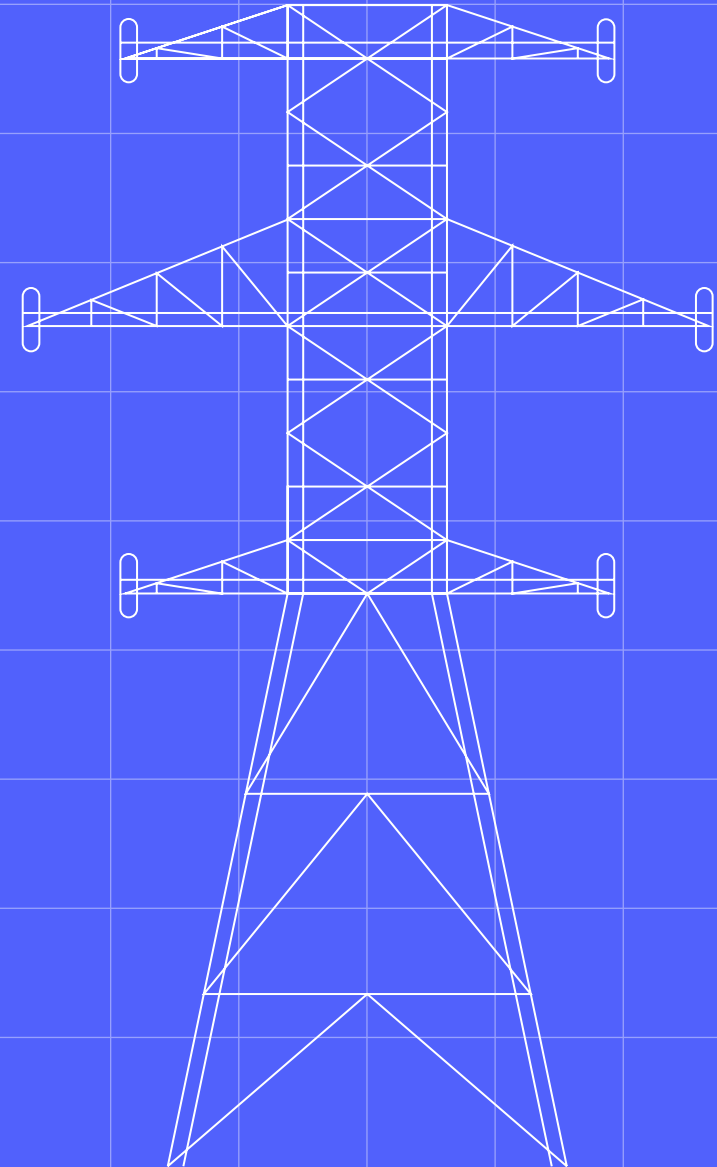
Test data generator for consumption data

Objective:

Hear feedback from TMAG members on action TMAG05-01 and discuss next steps

Relevant actions:

Ref	Date	Action	Owner	Due Date	Status	Latest Update
TMAG05-01	15/05/2022	Validate with constituents the Programme's assumption that Programme Participants have a way of injecting the Programme's generated data into their systems. Share feedback from constituents with PMO ahead of next TMAG	TMAG members	15/06/2022	Recommend closed	July TMAG agenda item 4 for discussion
TMAG06-01	17/06/2022	Provide further detail on test data generator for consumption data. To enable TMAG members to confirm the MHHS assumption that PPs have their own test stubs which are particular to their solution which can be used to inject the manufactured consumption data into their systems as appropriate. (Note that action TMAG05-01 on TMAG members to consult constituents still stands.)	TMAG members	22/06/2022	Closed	Shared in June TMAG minutes

Working group deliverables and dependencies schedule

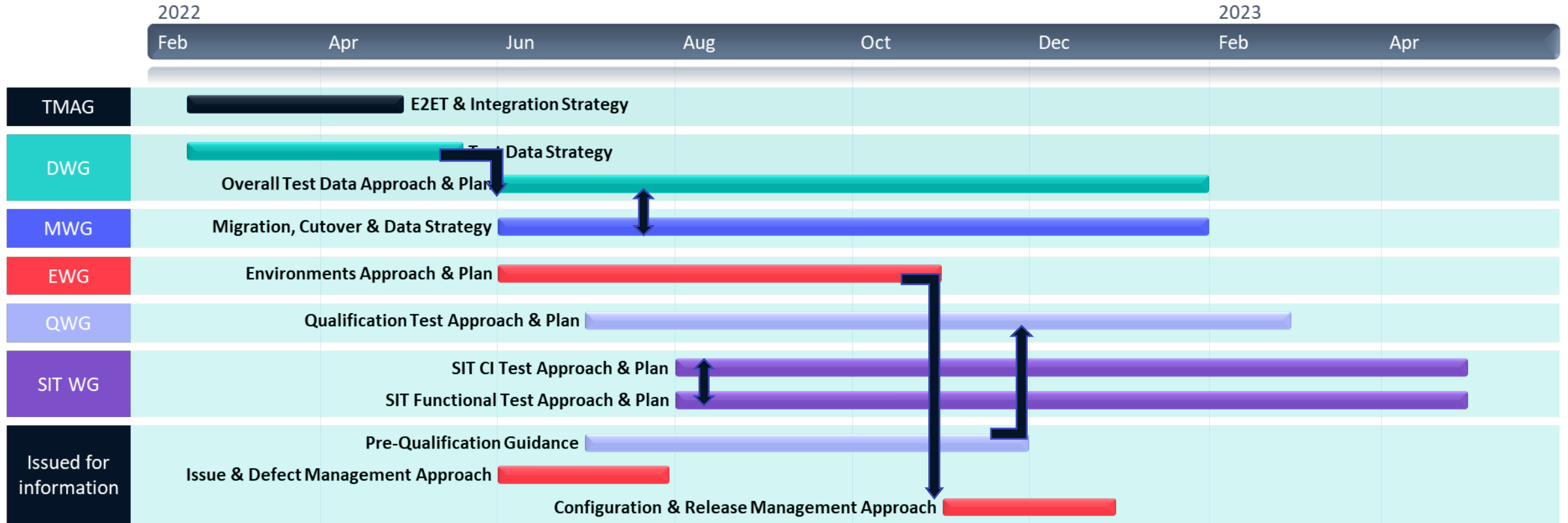**DISCUSSION**: Present the working group deliverables and dependencies schedule for feedback from TMAG members (action TMAG06-06)

Programme (Kate Goodman)

20 mins

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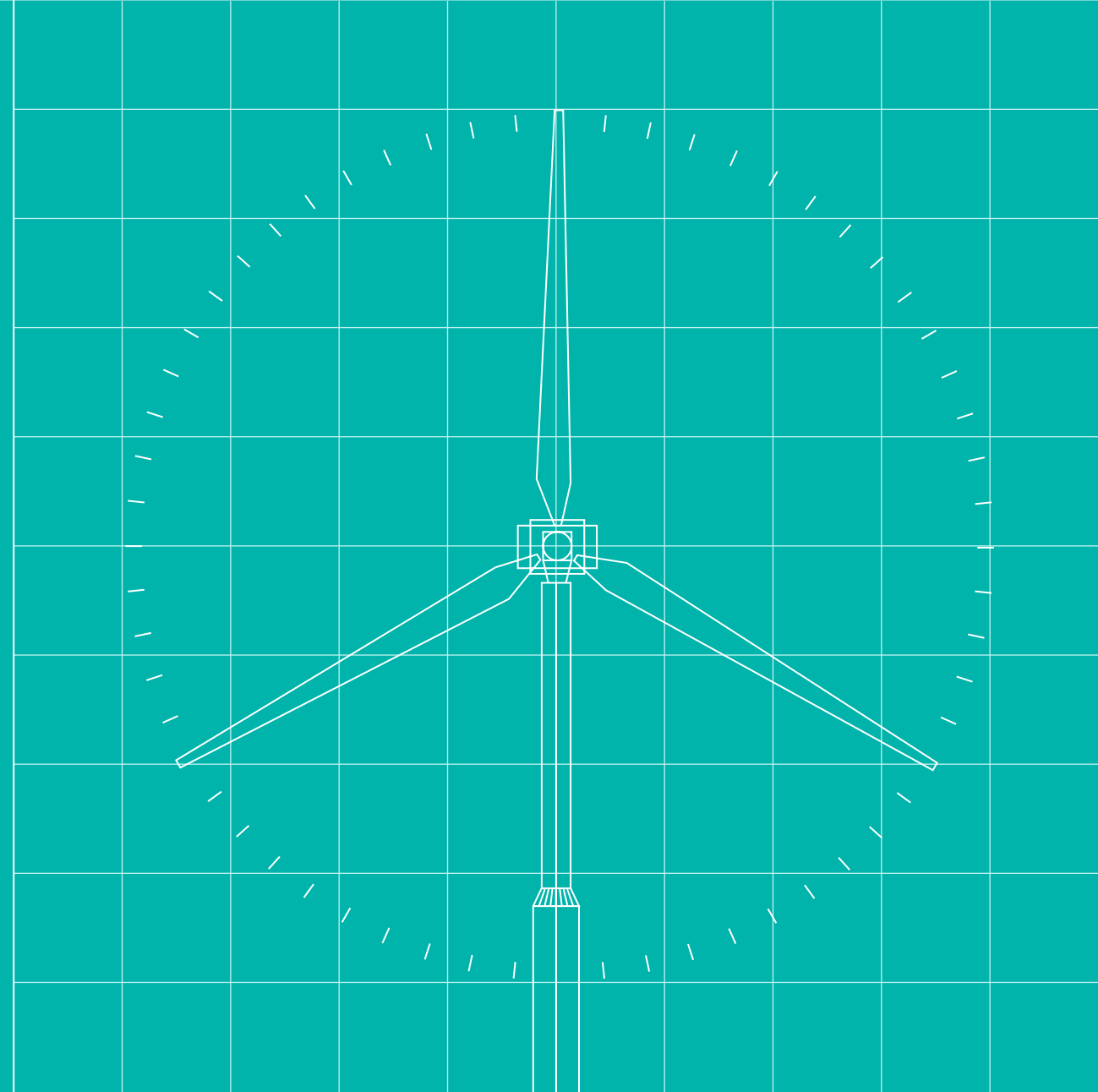
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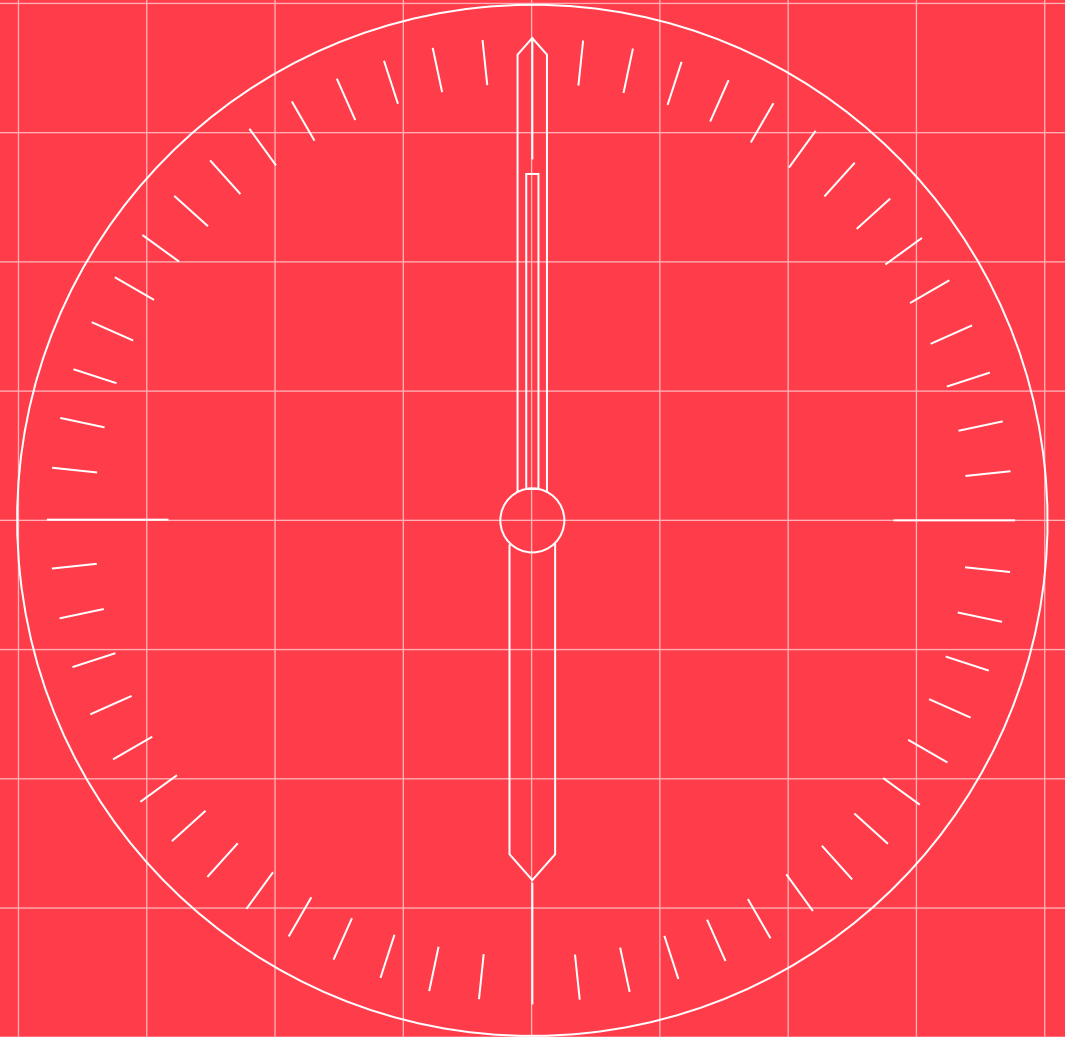
Arrows show dependencies between deliverables

RAID review

DISCUSSION: Review Testing and Migration RAID items

Programme (PMO, Kate Goodman)

20 mins

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We have captured a number of testing and migration related risks within the Programme RAID log, the top risks have been outlined along with a view of the movement towards the targeted closure score

Risk ID	Risk Description	Impact Description	Risk Score Assessment	Mitigation Plan
R118	There is a risk that there is a lack of service provider and supplier participation in SIT. Including risk that parties who were planned to do SIT may be late and drop out	This may result in operational and/or business issues in live running	C (~22) ← I (~13) → T (~5)	1)To engage in early dialogue with all parties to determine the best way of ensuring adequate participation. 2)To request Ofgem to mandate participation for some parties.
R119	There is a risk that there may be a drive by participants to constrain testing by providing too few environments	This may result in poor test coverage and defects discovered in live operation	I C (~17/16) → T (~5)	1)To carry out full risk/benefit analyses when assessing the number of environments required to ensure a cost vs testing adequacy balance is obtained.
R007	There is a risk that migration is complex and very challenging which may make it difficult to estimate and plan	This may result in unforeseen costs and/or delays to completion of the migration period.	I C (~16/15) → T (~6)	1)Identify the migration approach as early as possible during 2023 and include in it an analysis of the impact on Suppliers and Supplier Agents. 2) Communicate the approach clearly, widely and thoroughly to the participants and assure their understanding of it and their plans for it in a rigorous way.
R131	There is a risk from the lack of clarity regarding the scope of MHHS responsibilities vs those of the PAB (Performance Assurance Board of the BSC) in transition and migration.	This may result in increased cost and/or additional time being needed.	C (~16) ← I (~14) → T (~4)	1)Early agreement with PAB to understand the roles and responsibilities (also with RECCo and SECAS).
R181	There is a risk that a lot of "manufactured" data must be used in SIT because cleansed actual data is not available in time.	This may result in more defects being found in BAU (which could have been identified during testing).	I C (~16/15) → T (~6)	1)Attempt to better align the data cleanse activity with the testing activities.

Risk Score Assessment columns: Critical (30 29 28 27 26 25) · High (24 23 22 21 20 19 18 17) · Medium (16 15 14 13 12 11 10 9) · Low (8 7 6 5 4 3 2 1)

Key

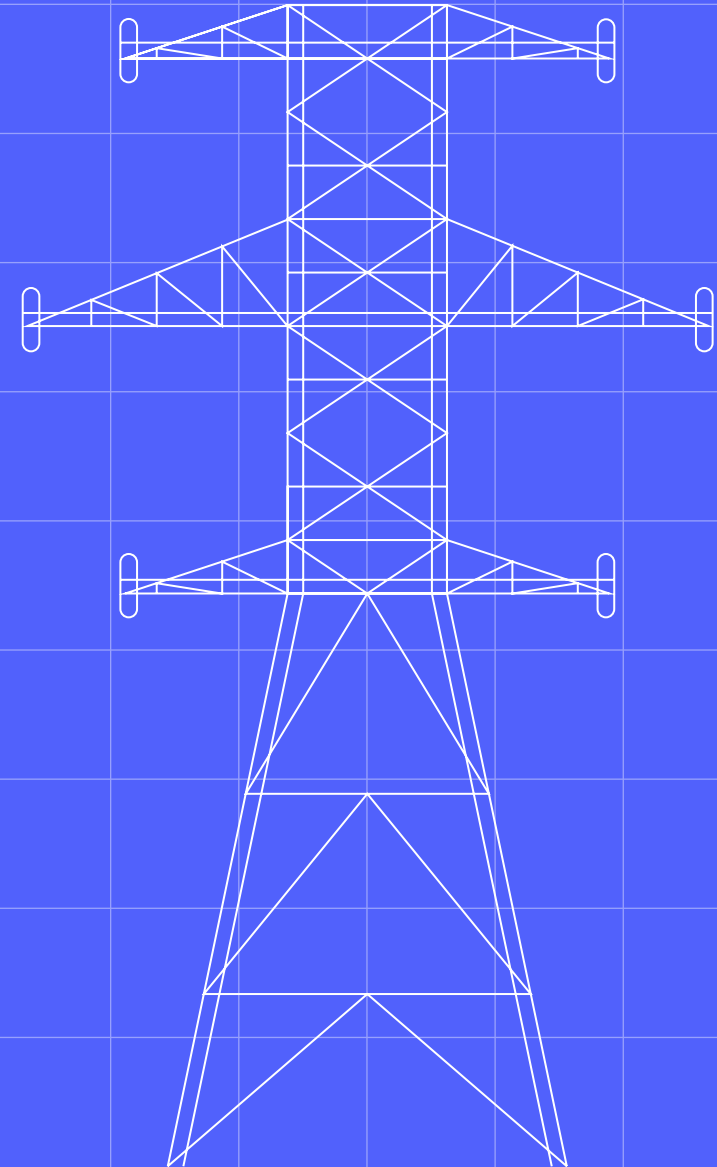|	
I	Initial Score
C	Current Score
T	Target Score

Document Classification: Public

Working group updates

- **INFORMATION**: Provide updates from discussion at the DWG, MWG and EWG
- **DECISION**: Make a decision on whether to approve the EWG Terms of Reference

Programme (Kate Goodman)

15 mins

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TMAG Working Group Progress Report – July 2022

	Data Working Group (DWG)	Migration Working Group (MWG)	Environments and Configuration Management Working Group (EWG)	Qualification and E2E Sandbox Working Group (QWG)
Upcoming deliverables	Overall Test Data Approach and Plan (planned 31 Jan 2023)	Migration, Cutover and Data Strategy (planned 31 Jan 2023)	Environments Approach and Plan (planned 31 Oct 2022)	Qualification Test Approach and Plan (planned 28 Feb 2023)
Next month's agenda items	*04 August 2022* 1. Planning for Data Cuts and associated activities	*11 August 2022* 1. Discuss and review migration options 2. Agree scoring of different options	*02 August 2022* 1. Environments approach and plan	*09 August 2022* 1. Approval of QWG ToR 2. Update on TMAG progress to date 3. Initial qualification questions and activities

Summary of discussion from last month	*DWG 07 July 2022*
	• The DWG discussed several elements of **test data generation for consumption data** in detail
	  o The use and role of a DIP Simulator in PIT and SIT
	  o The **scope of PIT** and requirements of parties in test communications and interfaces
		MWG 23 June 2022
		• The group discussed **various aspects of migration,** including the outcomes the Programme should look to achieve and the length of time required to undertake migration
		• How to revert from **HH to NHH** and how different market segments may be impacted by migration
		• Whether a critical mass of participants need to be ready ahead of **go-live**
			EWG 05 July 2022
			• The EWG reviewed the **Terms of Reference** and recommended approval to TMAG, subject to some updates
			• The Programme presented an initial view of the **Environments Approach and Plan**. The EWG discussed some early feedback and highlighted several questions to answer.
				First meeting scheduled for 09 August 2022

TMAG escalations	None	None	EWG Terms of Reference raised to TMAG for approval (see attachment)	N/A

Summary and next steps

INFORMATION: Summarise actions and look ahead to August's TMAG

Chair and Secretariat

5 mins

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Next Steps

Next steps:

1. Confirm Actions from meeting
2. Date of next TMAG: 17 August 2022

TMAG Agenda Roadmap – a rolling six-month view of upcoming TMAG agenda items:

Meeting dates	20-Jul	17-Aug	22-Sep	19-Oct	16-Nov	Dec (date TBC)
Relevant milestone	M5			M5+		
Agenda items	• Migration, Cutover & Data Strategy update • Qualification update • Dependencies in test stages of E2E T&I Strategy	• Test tools principles • Environment plan update • Migration, Cutover & Data strategy review • Programme re-plan review • SIT participants	• Test tools design • Environment plan • SIT principles • SIT participants • Qualification/pre-qualification principles • Review E2E Testing & Integration Strategy	• Environment plan approval • Programme re-plan review • SIT participants • Sign off of: 1. Environment Approach and Plan	• SIT participants • Qualification/pre-qualification	• Migration, Cutover & Data Strategy update • Qualification update
Standing items	• Minutes, actions and relevant information • Governance and working group updates • Agenda roadmap	• Minutes, actions and relevant information • Governance and working group updates • Agenda roadmap	• Minutes, actions and relevant information • Governance and working group updates • Agenda roadmap	• Minutes, actions and relevant information • Governance and working group updates • Agenda roadmap	• Minutes, actions and relevant information • Governance and working group updates • Agenda roadmap	• Minutes, actions and relevant information • Governance and working group updates • Agenda roadmap

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

Thank you

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