MHHS PROGRAMME

Industry-led, Elexon facilitated

Testing and Migration Advisory Group #6

15 June 2022

Version 1.0

MHHS-DEL447

Agenda

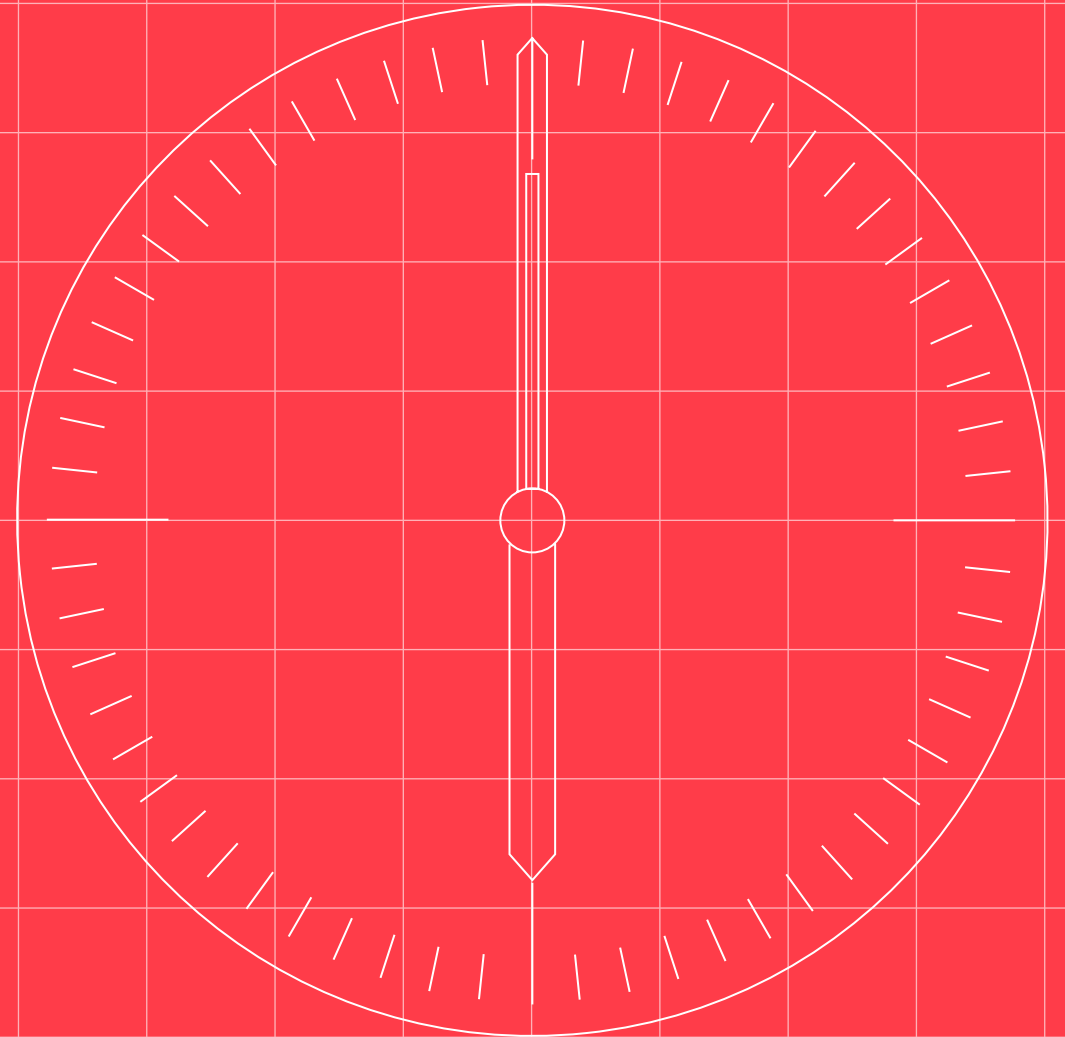| #	Item	Objective	Type	Lead	Time	Page
1	Welcome			Chair	10:00-10:05 *5 mins*	
2	Minutes, Actions and Relevant Information	• Approve May TMAG minutes • Update on open actions, closing where appropriate • Sign-post relevant information for TMAG members	Decision/Information	Chair and Secretariat	10:05-10:10 *5 mins*	
3	Governance Group Updates	Provide updates from L2 and L3 Governance Groups (PSG, DAG and CCAG)	Information	Programme (PMO)	10:10-10:15 *5 mins*	
4	Data Quality	Discuss outputs from DWG. Hear feedback from TMAG members on questions from DWG	Discussion	Programme (Adrian Ackroyd), TMAG members	10:15-10:35 *20 mins*	
5	Migration Working Group update	Update on activities from the MWG, including on the Migration, Cutover and Data Strategy	Information	Programme (Kate Goodman)	10:35-10:45 *10 mins*	
6	Qualification Working Group mobilisation	Provide a timeline of expected mobilisation dates and group role/responsibilities for the Qualification and E2E Sandbox WG (QWG)	Information	Programme (Kate Goodman)	10:45-10:55 *10 mins*	
7	Working Group plan	Discuss the working group plan, including on the number of groups and how some may combine in future	Discussion	Programme (Kate Goodman)	10:55-11:10 *15 mins*	
8	Summary and next steps	Summarise actions and look ahead to July's TMAG	Information	Chair and Secretariat	11:10-11:15 *5 mins*	

Document Classification: Public

Minutes, Actions and Relevant Information

DECISION/INFORMATION:
• Approve April TMAG minutes
• Update on open actions, closing where appropriate
• Sign-post relevant information for TMAG members

Chair and Secretariat

5 mins

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Minutes and Actions Review

1. **Approval of Minutes** from TMAG 15 May 2022 ([TMAG 5 minutes and actions](#))
2. **Open Actions and Actions from TMAG 20 April 2022**
- Actions will be discussed by exception. Please review the action updates ahead of the meeting
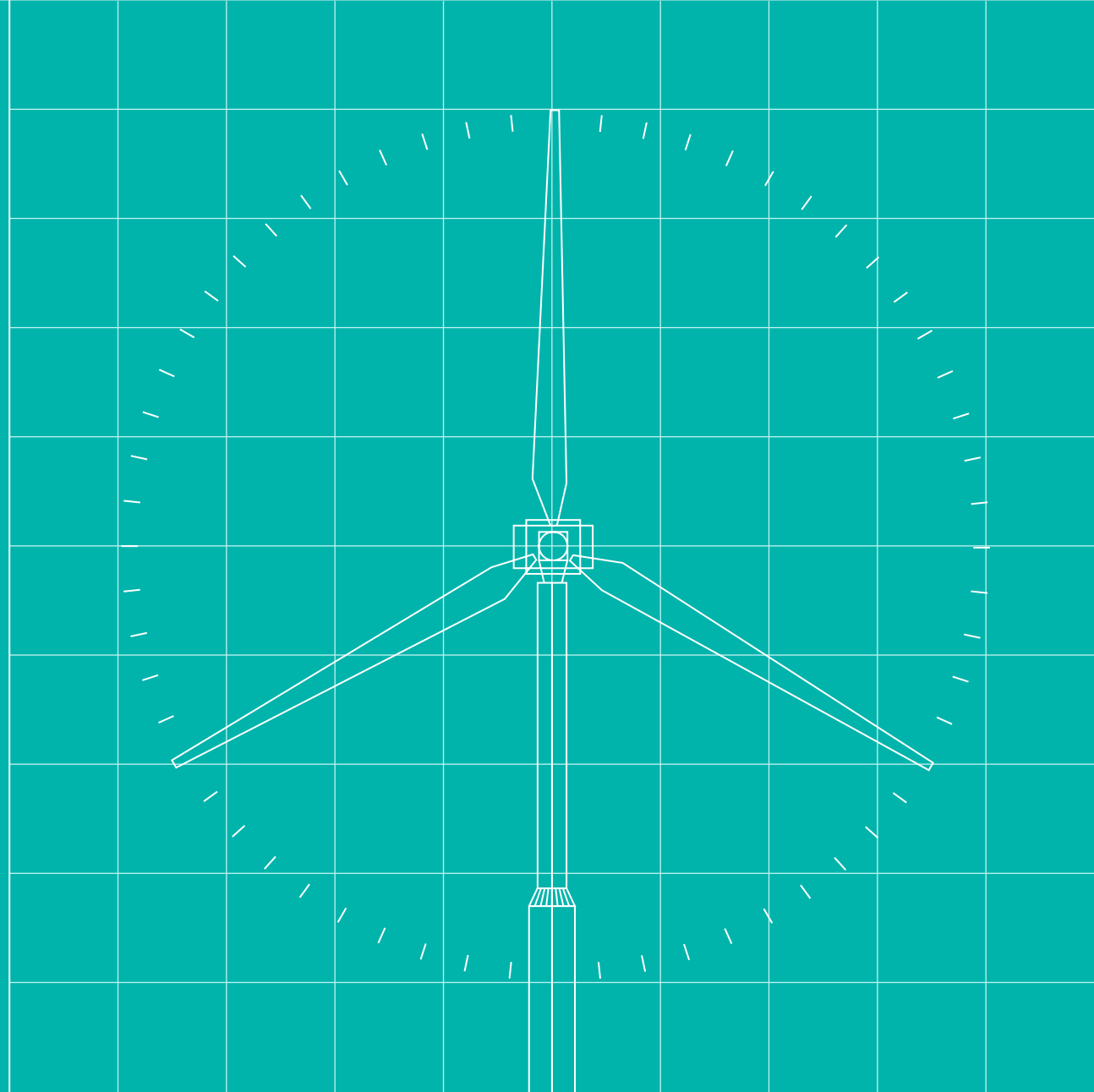
Ref	Date	Action	Owner	Due Date	Status	Latest update
TAG02-05	16/02/2022	TAG members to provide any views on programme milestones as part of the replan consultation	TMG Members	18/05/2022	**Recommend closed**	No feedback received to PMO.
TMAG05-01	15/05/2022	Validate with constituents the Programme's 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	**Open – outstanding**	Ongoing. No feedback received to PMO. For discussion in TMAG.
TMAG05-02	15/05/2022	Share MWG Headline Report with TMAG members	Programme (PMO)	19/05/2022	**Closed**	Shared with May TMAG minutes
TMAG05-03	15/05/2022	Share updated slide pack (inc. updated slides as presented and updated slide 14 to change ARP to ADS)	Programme (PMO)	19/05/2022	**Closed**	Shared with May TMAG minutes

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Governance Group Updates

INFORMATION: Provide updates from L2 and L3 Governance Groups (PSG, DAG and CCAG)

PMO

5 mins

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L2 and L3 Governance Group Updates

The following Level 4 Working Groups are currently being mobilised and are open to all. Please contact the PMO at PMO@mhhsprogramme.co.uk if you would like to attend.

- **Environments and Configurations Management (EWG) –** under TMAG and mobilising early July. Will define the environments approach and plan for the MHHS Programme
- **Consequential Change Impact Assessment (CCIAG) –** under DAG and mobilising in July. Will identify and discuss items not currently being considered as part of the scope of MHHS
- **Code Draft (CDWG) –** under CCAG, first meeting 30th June 2022. Will develop and deliver code changes required from the MHHS design

Programme Steering Group (PSG)	Cross-Code Advisory Group (CCAG)	Design Advisory Group (DAG)
Agenda items for 08 June 2022	**Update from CCAG 25 May 2022**	**Agenda items for 08 June 2022**

Programme Steering Group (PSG)

Agenda items for 08 June 2022

1. **Programme planning** – hear updates on the re-plan. Present the interim plan
2. **Design risk deep dive**
3. **Design decisions** – discuss the design decision making process following concerns raised from DAG
4. **Mobilisation and M3** – discuss requirements of mobilisation and make a decision on whether to raise CR007 for impact assessment
5. **Decision on CR008** – make a decision on CR008 (RECCo governance framework changes)
6. **Independent Programme Assurer updates** – approve the Independent Programme Assurance Framework and hear an overview of the IPA approach to assurance
7. **Programme Outcomes and KPIs** – Present the approach to Programme Outcomes and KPIs
8. **Overview of E2E Testing and Integration Strategy**
9. **Programme Dashboards –** take questions from PSG members

Cross-Code Advisory Group (CCAG)

Update from CCAG 25 May 2022

1. **Code Drafting Planning** – The CCAG have developed a detailed plan for code drafting. The plan sets out the sequence of topic areas and timeframes for the drafting of legal text, including review cycles.
2. **Code Drafting Principles –** The CCAG have developed a series of principles to guide code drafting work. These include principles such as code drafting reflecting the design, a lean approach to documentation, referencing of design artefacts, and consideration of transitional, consequential, performance assurance, qualification, and migration requirements.
3. **Data Services** – The CCAG have considered how data services should be governed. The Programme have advised there is no evidence a change to the status quo is required to deliver the MHHS Target Operating Model (TOM) and as such, the Programme is agnostic to any change in this area.
4. **Code Drafting Working Group (CDWG)** – The Terms of Reference for new CDWG were approved, with the first meeting to be held at the end of June or beginning of July. The CDWG is tasked with reviewing code drafting prior to it being issued for consultation.

Design Advisory Group (DAG)

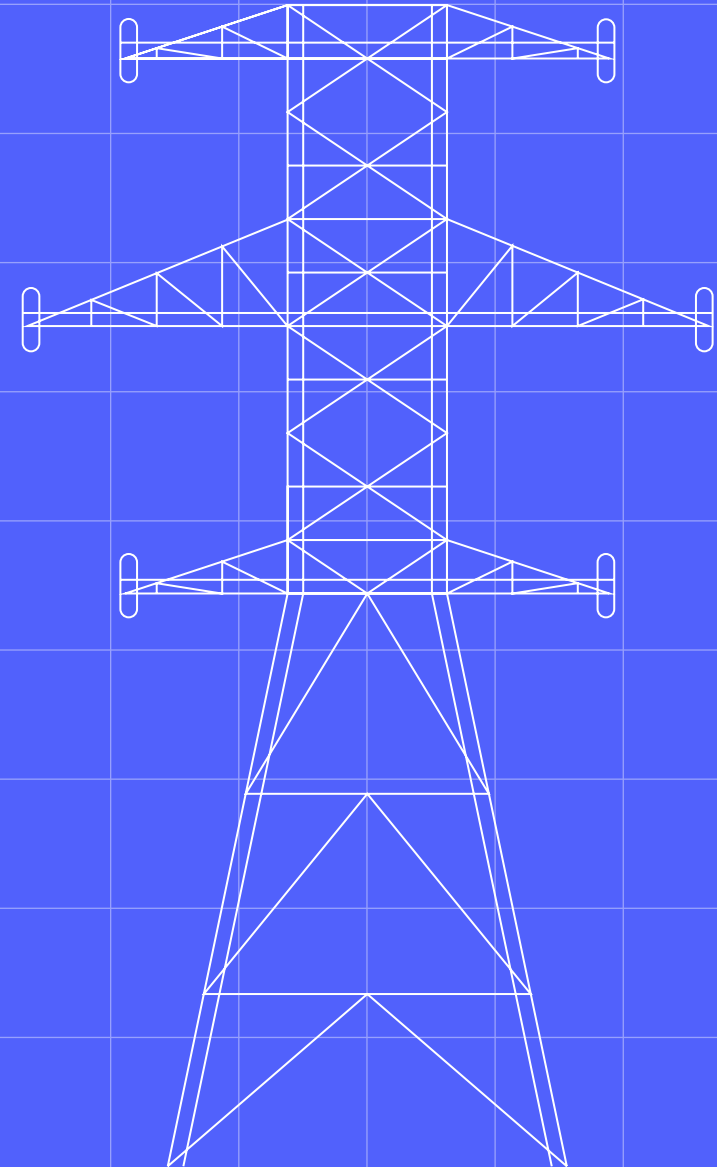**Agenda items for 08 June 2022**

1. **Open Design Issues Management** – review and update on the management of open issues
2. **Tranche 2 design artefact approval (main item)**
3. **Design dashboard –** review design artefact progress
4. **Design Decisions** – update on Data Integration Platform (DIP) security
5. **Change Control –** overview of the Change Control process
6. **RAID –** review of design related RAID items
7. **Code drafting principles –** review principles from CCAG for feedback
8. **Other items –** review of design principles, level playing field design principle, and wider governance group updates

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Data Quality

DISCUSSION: Discuss outputs from DWG. Hear feedback from TMAG members on questions from DWG

Adrian Ackroyd, TMAG members

15 mins

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Settlement Data Quality

TMAG members are asked to read the information below and be ready to comment during the update. Any additional questions are most welcome.

As with all programmes, the quality of data is key to successful implementation. We need to understand the quality of data currently used within the settlement process to understand where action may be required to improve the overall data quality. The CCDG have recommended a number of Pre-Migration activities in respect of the MHHS programme:

1. Enabling Registration data and process changes to support the MHHS transition.
The CCDG recommends that a subset of the Registration Service data items required for MHHS are introduced before migration commences in October 2024. This is because these items are so critical to the MHHS rules and processes that going live with poor quality data would lead to avoidable time and effort being spent trying to fix issues during the twelve-month migration period.
The CCDG proposes that this subset of items is introduced into the existing SMRS systems, in the period between November 2022 and February 2023. These items can be grouped into Distributor mastered and Meter Operator Agent (MOA) mastered data items. Some items can be initially populated by rule using existing data items and others can be populated and amended through modified existing interfaces supported by new processes.
The CCDG has reduced the scope of the enabling Registration Service data items to just Distributor and MOA mastered items.
The CCDG accepts that the proposed timescale will be challenging for MOAs, SMRAs and Distributors. Impacts on the industry will be assessed when more detail becomes available. The MHHS Programme will work towards the planned timeline and ensure it provides appropriate support to the industry.

2. Data Cleanse activity for newly introduced Registration Service (SMRS) data items.
Once the new registration data items and supporting interfaces and processes have been introduced, the CCDG recommends a period of data cleanse activity from February 2023 to October 2024. This will ensure that the data items that are critical to a successful migration and used in the target state will be as accurate as possible when migration starts in October 2024. This data cleanse activity can run in parallel with other enabling activities.
The successful data cleanse of the Connection Type and Meter Type data items will allow the early mapping of MPANs to a destination MHHS market segment prior to migration. Therefore, the CCDG agreed that these data items should be prioritised for the data cleansing activity. The CCDG believes it would be beneficial to all parties involved to have certainty as to which market segment each MPAN will be migrating to, which will help with the development and monitoring of migration plans. Market Segment could be pre-assigned at a defined point between October 2023 and October 2024 when the source data items have been sufficiently cleansed.

Settlement Data Quality – continued

As a group we need to identify areas of concern, apart from the CCDG recommended data items and activities, if we think there is a problem with data currently being used in the Settlement system.

As part of the Faster Switching Programme, and by using the Central Switching Service, address data is being improved by the creation of the REL address which will improve address and supplier registration data, however, this does not address wider meter and agent registration data and meter technical data.

Questions for TMAG members:

We would welcome the TMAGs discussion and comments on the quality of data for registration data and the meter technical details, which could lead to incorrect consumption forecasting, estimation and calculation:
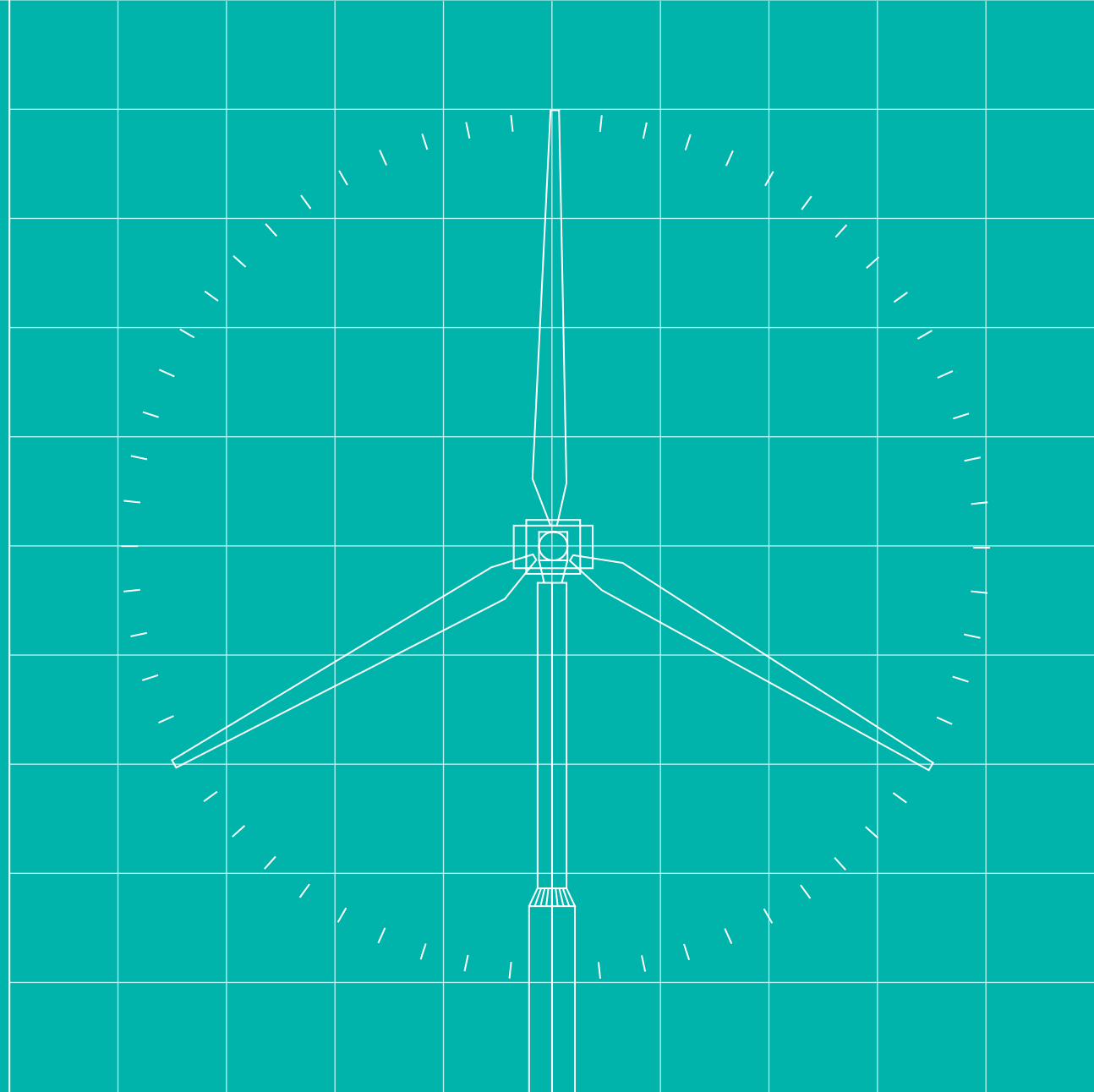
1. **Are there inconsistencies and mis-alignments in the relationship between GUID/Smart Device ID, Meter Serial Numbers (MSNs), and MPANs? All these have potential to create a risk of incorrect consumption forecasting, estimation and calculation.**

2. **Do we foresee any data migration issues relating to the new Unmetered Data Service?**

3. **We need to gather as much information as we can to form an opinion on the extent to which data issues impact services to be provided by the MHHS. Do we know of any other data currently causing issues with the Settlement System that have not been called out above?**

4. **It will be difficult to place a value on data cleanse activities prior to implementation. We would need to target our effort to cleanse the data that has most benefit to the operation of the MHHS. We do not want to waste the opportunity to cleanse data that will have little benefit.**

Migration Working Group (MWG) update

INFORMATION: Update on activities from the MWG, including on the Migration, Cutover and Data Strategy

Kate Goodman

10 mins

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The next MWG is being held on Thursday 9 June. We are generating a list of the most important outcomes relating to migration:

Possible outcomes MWG has been asked to consider
• Consumer benefits realised as early as possible • Minimised consumer detriment during migration • Minimised migration-specific costs • Good settlement accuracy during migration • PPs have enough flexibility to optimize their own migrations • Migration traffic conforms to volume and system constraints

We are also looking at different ways of managing the migration, by defining a set of questions and then different principles that could be used to answer the question.
Following the meeting, we will then assess each principle against each of the desired outcomes to assess the optimum solution.

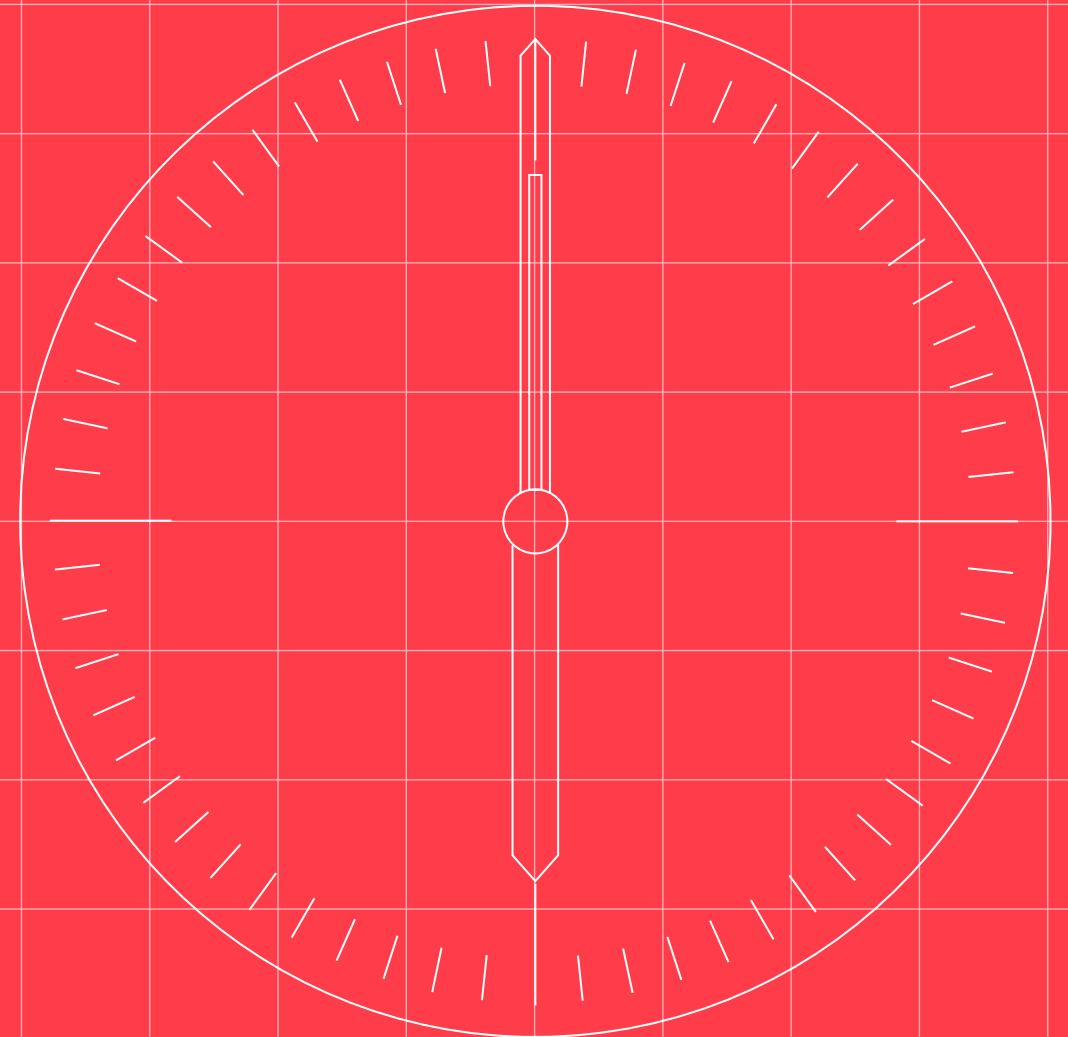| Example question MWG has been asked to consider |
|---|
| • **Question**: How are **PPs phased in at the start of the migration period**?

• **Possible principles**:
    • Allow PPs to start migration as soon as they can (post-SIT or Qualification) OR
    • Phased by market segment as per Ofgem Transition Plan OR
    • Starting with a minimum critical mass of PPs and phasing others in OR
    • Wait for all PPs to be ready before starting migration |

We will give an update in TMAG meeting on the agreements reached in the MWG

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Qualification Working Group mobilisation

DISCUSSION: Provide a timeline of expected mobilisation dates and group role/responsibilities for the Qualification and E2E Sandbox WG (QWG)

Kate Goodman

10 mins

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Qualification working group mobilisation

We are proposing to establish the next level 4 working group.

The Group will be called **Qualification and E2E Sandbox WG (QWG)** and will have the role of helping to **define the Qualification Testing** for the MHHS Programme and following the conclusion of its work recommend approval of the Qualification Testing to TMAG.

We are proposing the Group meets on the **2nd Tuesday of the month**, with the first meeting in August 2022. The group Terms of Reference will be reviewed at the first meeting to raise to TMAG for sign off.

We are establishing this group early as the outcome of the requirements of the Qualification Testing will inform participants of the Qualification Testing they will be required to undertake.
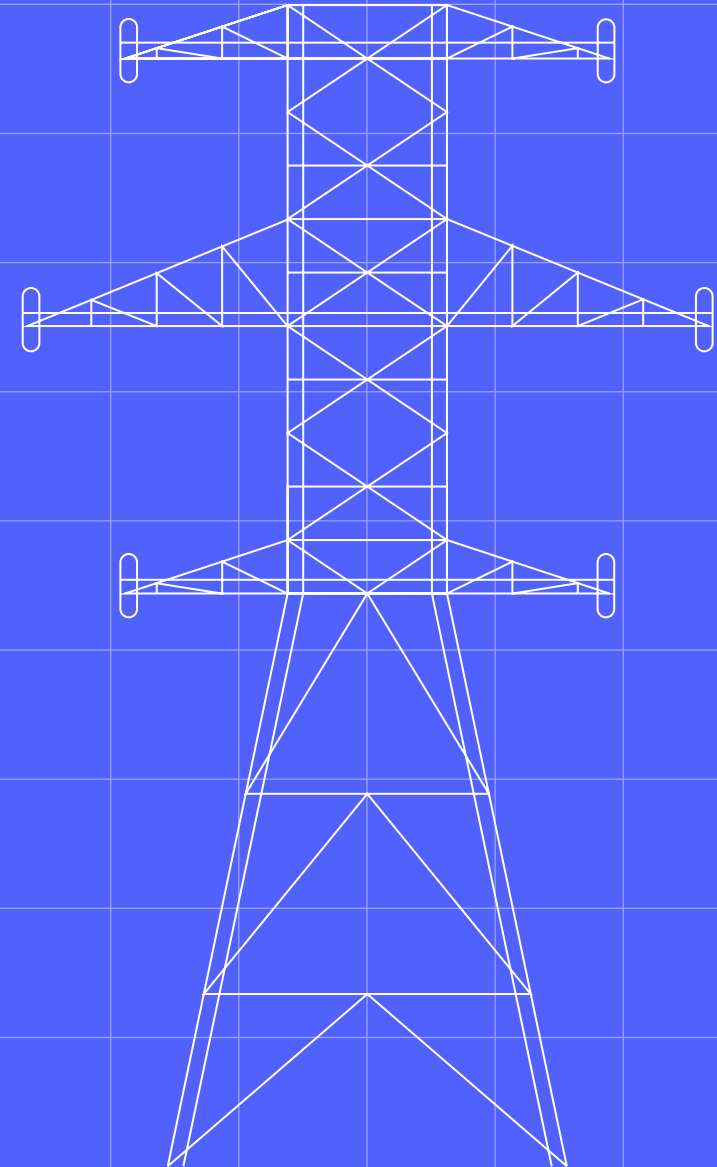
We will advertise the establishment of this group via our **current advisory and working groups** (TMAG, MWG, DWG, EWG) and via **the Clock** to raise awareness.

Working Group plan

DISCUSSION: Discuss the working group plan, including on the number of groups and how some may combine in future
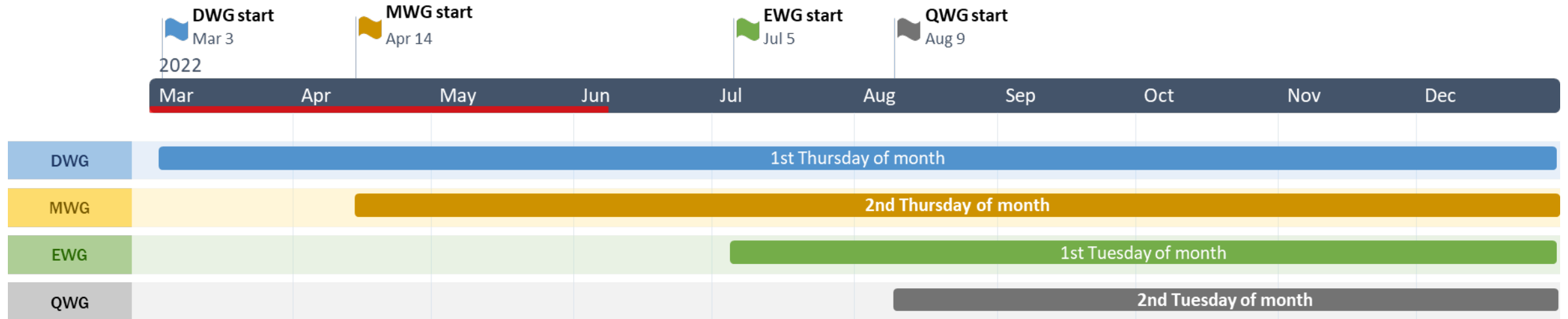
Kate Goodman

10 mins

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- **Data Working Group** (DWG) (last meeting 14 industry participants)
- **Migration Working Group** (MWG) (last meeting 23 industry participants)
- **Environments & Configuration Management Working Group** (EWG)
- **Qualification & E2E Sandbox Testing Working Group** (QWG)
- **SIT Working Group** (SWG) (no start date yet)
- **Non-Functional Testing Working Group** (NFWG) (no start date yet)

We should like to have a discussion to confirm that this is a reasonable structure/number of working groups.

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Summary and next Steps

INFORMATION: Summarise actions and look ahead to July'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: 20 July 2022

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

Meeting dates	22-Jun	20-Jul	17-Aug	21-Sep – *date to move*	19-Oct	16-Nov
Relevant milestone		M5			M5+	
Agenda items	• Migration Working Group update • QWG mobilisation • Working group plan	• Migration, Cutover & Data Strategy update • Qualification update	• 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. Migration, Cutover & Data Strategy 2. Environment Approach and Plan 3. Test Data Approach and Plan	• SIT participants • Qualification/pre-qualification • Sign off qualification approach and plan
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

Document Classification: Public

Thank you