MHHS PROGRAMME

Industry-led, Elexon facilitated

Testing and Migration Advisory Group #5

18 May 2022

Version 0.1

MHHS-DEL392

Agenda

#	Item	Objective	Type	Lead	Time	Page
1	Welcome			Chair	10:00-10:05 *5 mins*	1
2	Minutes, Actions and Relevant Information	• Approve April 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
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*	6
4	Test Data Strategy	Make a decision on whether to approve the Test Data Strategy following recommendation from the DWG	Decision	Programme (Kate Goodman)	10:15-10:30 *15 mins*	8
5	E2E Testing and Integration Strategy	Update on action taken on the E2E Testing and Integration Strategy since last TMAG (actions TMAG04-03 to TMAG04-06)	Information	Programme (Kate Goodman)	10:30-10:35 *5 mins*	10
6	Test stubs and harnesses	Present the proposed approach for feedback and comments	Discussion	Programme (Kate Goodman)	10:35-11:15 *40 mins*	12
7	Migration Working Group (MWG) update	Summarise outputs from May's MWG, focussing on migration strategy	Information	Programme (Adrian Ackroyd)	11:15-11:25 *10 mins*	15
8	Environments working group mobilisation	Provide a timeline of expected mobilisation dates and group role/responsibilities for the Environments & Configuration Management WG (ECMWG)	Information	Programme (Adrian Ackroyd)	11:25-11:30 *5 mins*	17
9	Summary and next steps	Summarise actions and look ahead to June's TMAG	Information	Chair and Secretariat	*11:30-11:35* *5 mins*	19

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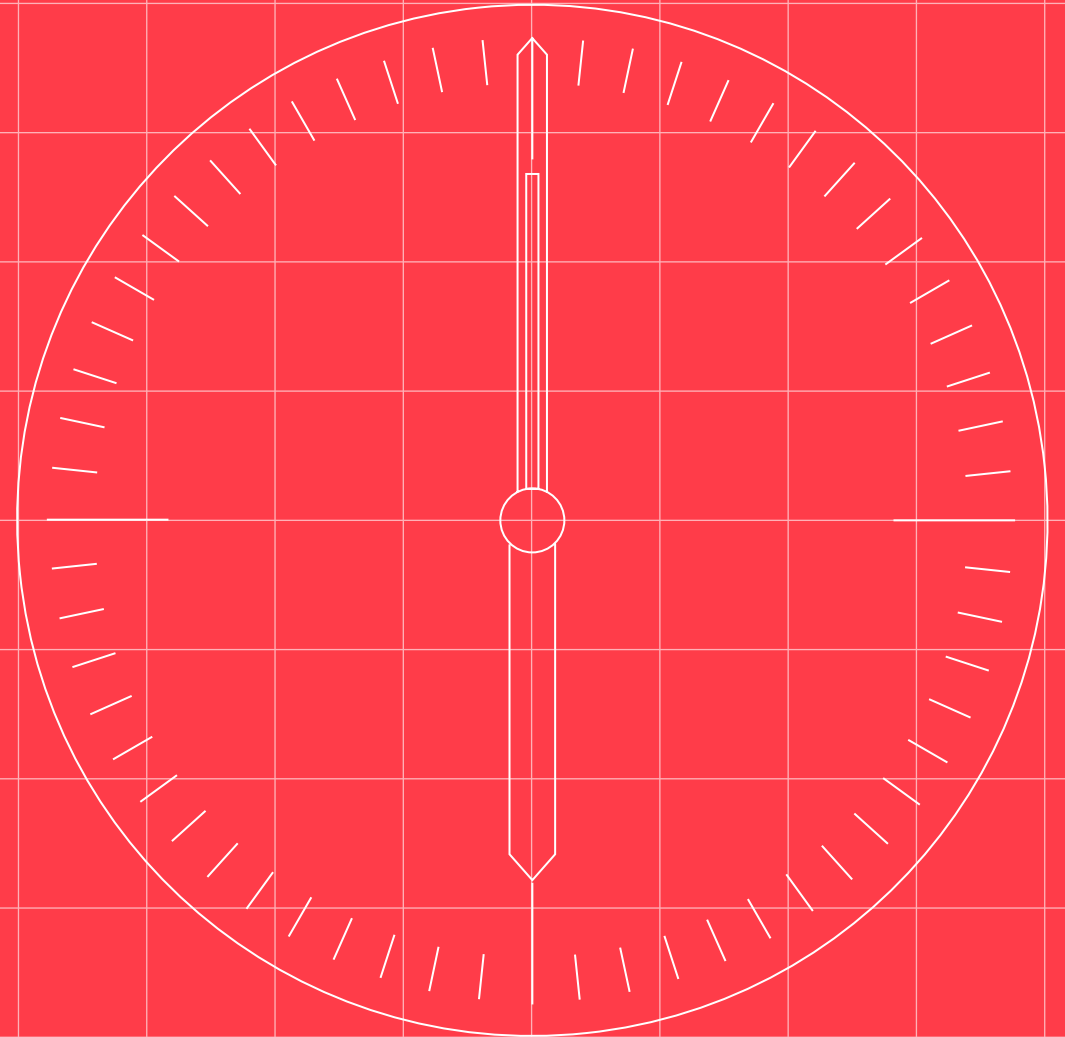
Document Classification: Public

Minutes, Actions and Relevant Information

Objective (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 of 2)

1. **Approval of Minutes** from TMAG 20 April 2022 ([TMAG 4 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
- Particular actions for PSG members to note:

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	TAG Members	18/05/2022	**Open – ongoing**	Ongoing. No feedback received to PMO.
TAG03-03	16/03/2022	Hold separate session to bring Martin Crozier (and any other new TAG members) up to speed	Kate Goodman	23/03/2022	**Recommend closed**	Short meeting held
TAG03-04	16/03/2022	Clarify CVA interactions and data flows between BSC Central Services with Ian Hall	Kate Goodman	23/03/2022	**Recommend closed**	Content captured during review of E2E Testing and Integration Strategy
TAG03-05	16/03/2022	Clarify data generation queries with David Yeoman	Kate Goodman	23/03/2022	**Recommend closed**	Content captured during review of E2E Testing and Integration Strategy
TMAG04-01	20/04/2022	Issue the updated TMAG004 slide pack (as presented)	Programme (PMO)	21/04/2022	**Closed**	Issued alongside meeting Headline Report
TMAG04-02	20/04/2022	Provide any final comments on the E2E Testing and Integration Strategy and participation expectations by COP this Friday 22 April	TMAG members	22/04/2022	**Closed**	Some comments received. Comments addressed in new version of the E2E Testing and Integration Strategy shared 27 April
TMAG04-03	20/04/2022	Meet with the MHHSP Design team to discuss SDS service provider split and participation in testing and qualification	Kate Goodman, Jason Brogden	29/04/2022	**Recommend closed**	Internal MHHSP discussion held. To be added as a future agenda item for the qualification working group
TMAG04-04	20/04/2022	Provide feedback on Advanced Data Service participation expectations (focus qualification)	Ian Hall, Chris Butterfield, Martin Hanley	22/04/2022	**Recommend closed**	Internal discussion held. To be added as a future agenda item for the Qualification working group

Ref	Date	Action	Owner	Due Date	Status	Latest update
TMAG04-05	20/04/2022	Provide feedback on DNO/iDNO approach to participation	iDNO rep (Stacey Buck)	22/04/2022	**Recommend closed**	Proposed approach has been revised in the E2E T&I strategy
TMAG04-06	20/04/2022	Update the E2E Testing and Integration Strategy as per the comments received in TMAG and offline. Issue to TMAG members for ex-committee approval ahead of May TMAG (see TMAG-DEC07)	Kate Goodman	29/04/2022	**Closed**	New version shared 27 April, version 1.0 shared 29/04
TMAG04-07	20/04/2022	Share the meeting recording with the Large Supplier representative	Programme (PMO)	21/04/2022	**Closed**	Shared 22/04/22

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Governance Group Updates

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

PMO

5 mins

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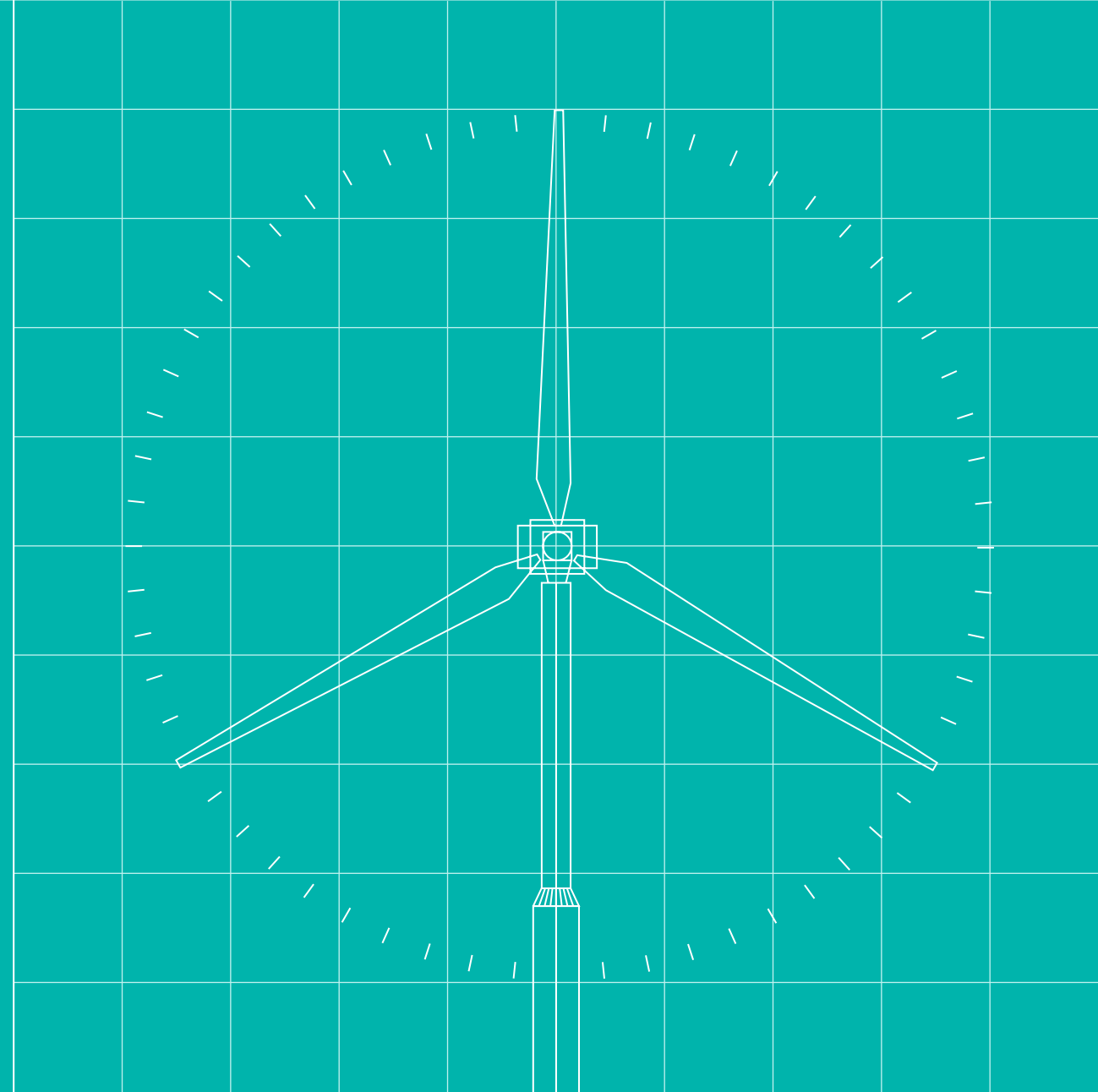
L2 and L3 Governance Group Updates

This slide is included for information. Content will be presented in the meeting by exception

The Programme is seeking Constituency Representatives for the following groups. If you or someone you know would like to be nominated, please follow the [nomination process](#).
- **PSG** – Medium Supplier Rep
- **DAG** – Medium Supplier Rep
- **TMAG** – Medium Supplier Rep, Small Supplier Rep, I&C Supplier Rep, National Grid ESO Rep

| Programme Steering Group (PSG)	Cross-Code Advisory Group (CCAG)	Design Advisory Group (DAG)
Update from PSG 04 May 2022	**Update from CCAG 23 April 2022**	**Update ahead of DAG 11 May 2022**
1. **CR001 and CR002 Change Requests** – The Programme presented next steps for CR001 including on the design and Programme re-plan ([CR001 (*Design Baseline Replan to July 2022*)](#) was [approved by Ofgem](#) on 21 April 2022, and [CR002 *(Design Baseline Replan to November 2022)*](#) rejected)	1. **CR003** – The CCAG reviewed Impact Assessment responses for [CR003 (*CAG proposals to move M6 and M7*)](#). It was determined the change should be recommended for approval to Ofgem.	1. **Tranche 1 design artefacts** – The Tranche 1 design artefacts have been submitted for approval following the review cycles undertaken via the BPRWG
2. **Readiness Assessment** – An update was provided on the outputs of Readiness Assessment 1, which seeks to assess industry parties' progress with mobilising work to implement MHHS. A lessons learned exercise was also undertaken.	2. **Code Drafting Principles and Approach –** The CCAG is developing a detailed plan for the approach code drafting. The primary codes affected are the Retail Energy Code (REC) and the Balancing and Settlement Code (BSC). The current plan anticipates it will take nine to ten months to undertake code drafting and CCAG have begun to define the topic areas and stages of review/consultation required. The CCAG have developed a series of draft principles to assist in guiding this work, which will be presented to DAG for comment.	2. **DIP** – The DIP Functional Spec and Non-Functional Requirements documents are also coming for approval following updates by the Programme based on feedback from participants
3. **CR005 –** the PSG approved CR005 (Programme Ways of Working and Cooperation Principles). These will now be updated in the MHHS Governance Framework		3. **Review cycles** – Updates will be provided on the design artefact review cycle, with Tranche 2 documents to be published to DAG members for review this week, and Tranches 3 & 4 to come to DAG for approval in July
4. **Open Day Highlights** – The PSG reviewed feedback from industry parties following the MHHS Open Day Held 21 April 2022. Key messages from the Programme included participants being urged to become involved in the post M5 replan and to mobilise teams prior to the release of the design baseline to de-risk their internal programmes. Participant feedback	3. **Data Service Provider** – The CCAG have initiated consideration of how data services should be governed, given parties providing such services will be required to undertake qualification.	4. **CCIAG** – The group will review the CCIAG draft ToR and make a decision on commencement of the group
	4. **SEC MP162 Implications for MDR** – The Data Communications Company (DCC) requested advice on how the Meter Data Retrieval (MDR) service should be described in the Smart Energy Code. The CCAG agreed this should be defined as "*The BSC service that retrieves metering data for the purposes of MHHS*"	5. **RAID** – The group will also review the high level themes within the RAID, with a more in depth review in June once the RAID is made publicly available

Test Data Strategy

Objective: Make a decision on whether to approve the Test Data Strategy following recommendation from the DWG (DECISION)

Kate Goodman

10 mins

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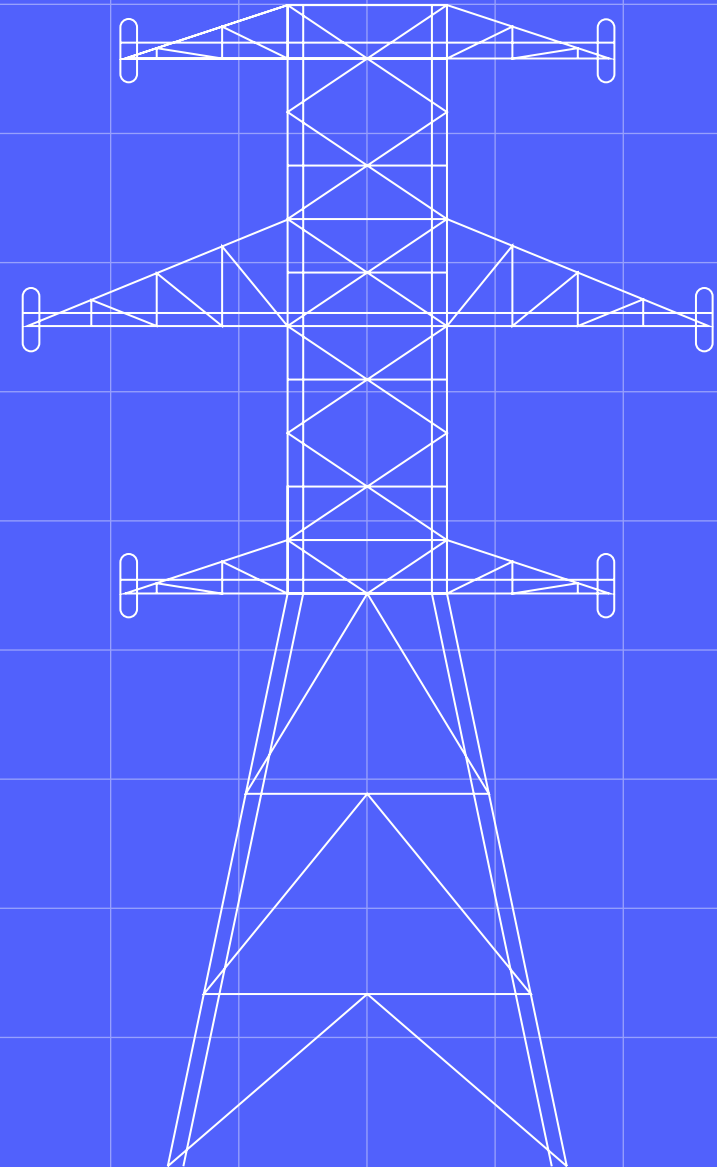
The DWG on 05 May 2022 gave an "in principle" recommendation for the Test Data Strategy to be approved by TMAG

The recommendation was subject to:

1. Resolution of small number of questions
2. Incorporation into the revised document of the comments made
3. Adding residual issues to the "list of outstanding points"
4. Re-issue with list of comments and responses
5. No objections to the responses by the people raising the comments.

This process is now under way and will be complete by the time of the TMAG meeting. This will be confirmed at the meeting.

On this basis, we put forward the Test Data Strategy for formal approval by TMAG.

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E2E Testing and Integration Strategy

Objective: Update on action taken on the E2E Testing and Integration Strategy since last TMAG (actions TMAG04-03 – TMAG04-06) (INFORMATION)

Kate Goodman

5 mins

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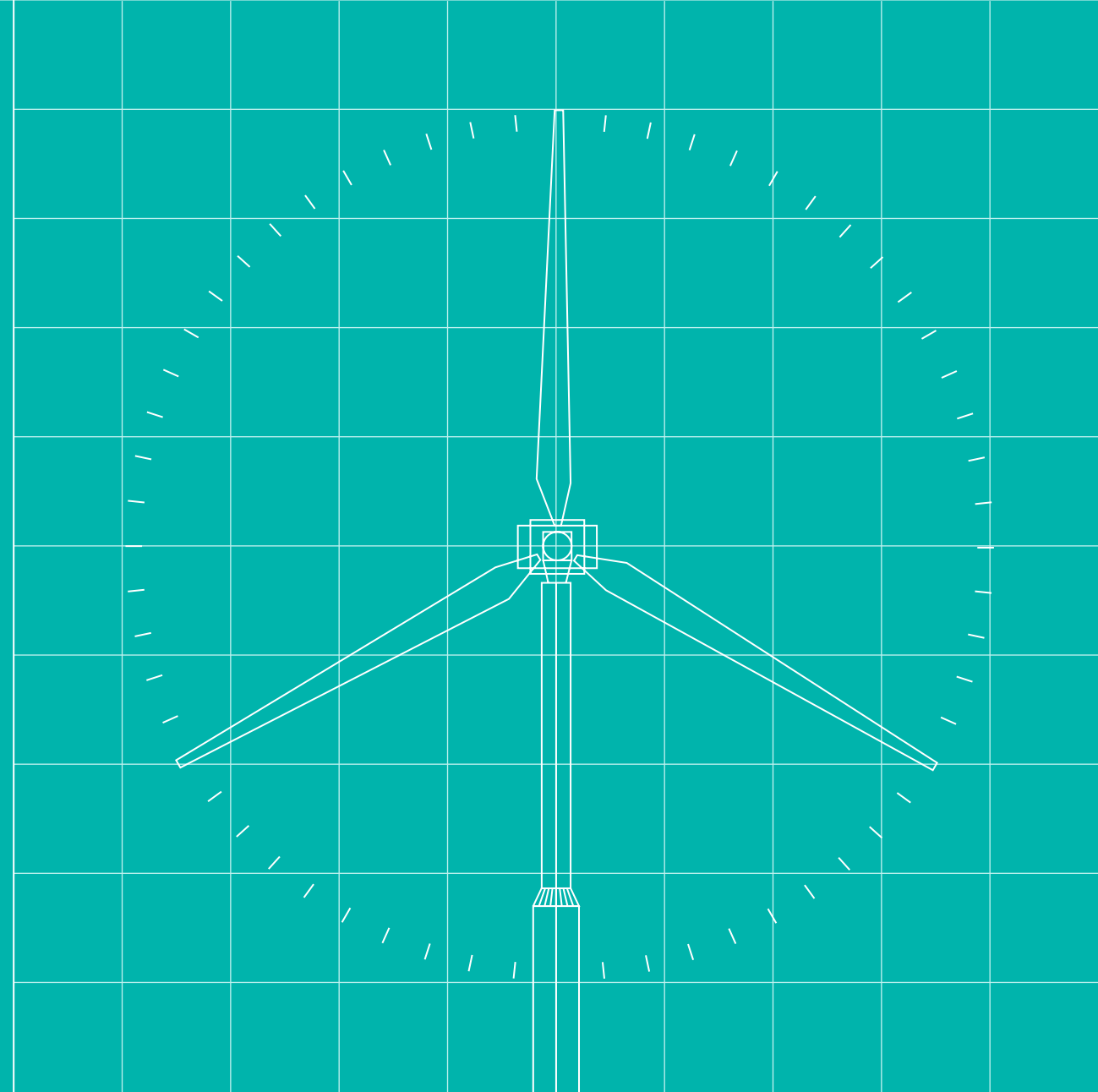
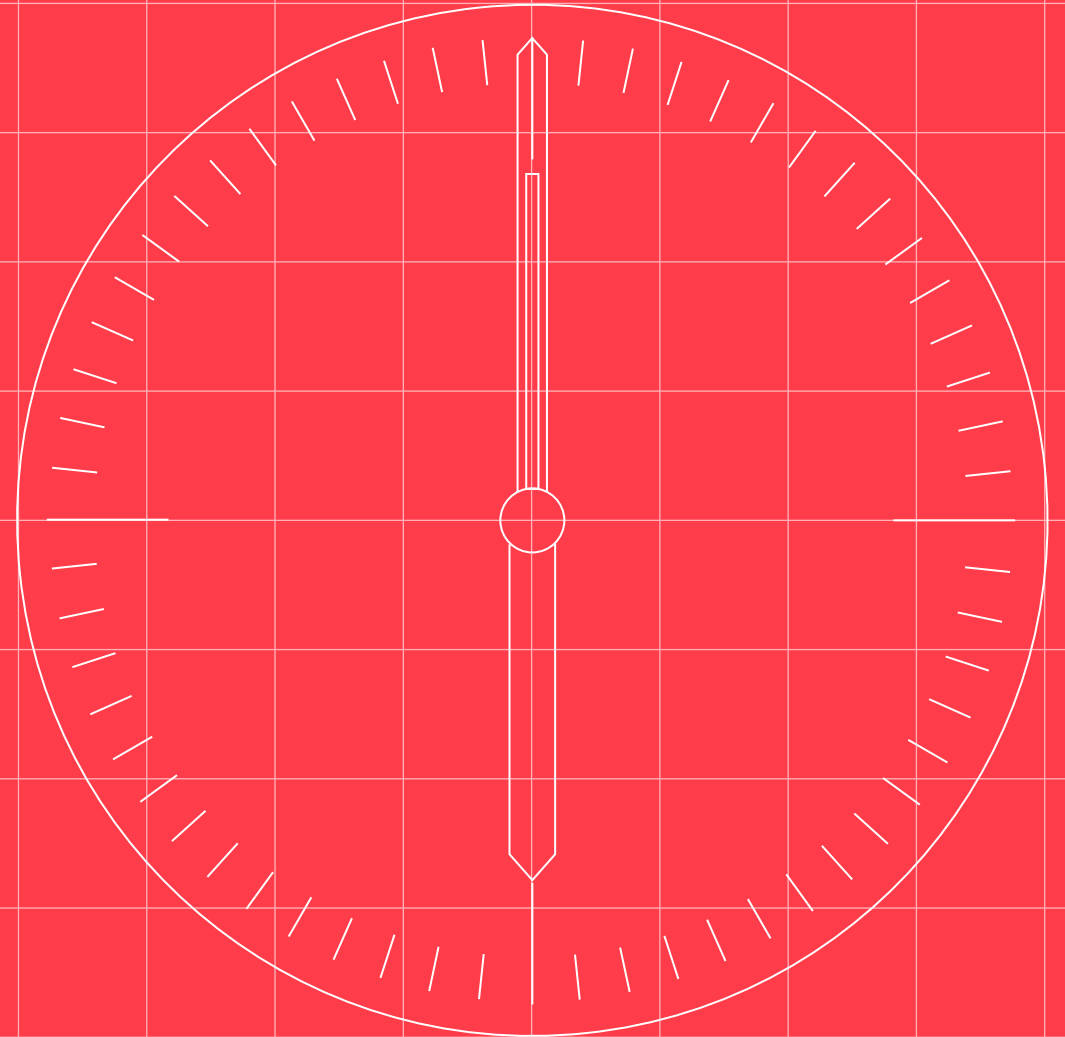Version 1.0 published on 29 April

List of outstanding issues for next version

Next planned revision to follow baselining of MHHS E2E Design and issue of re-baselined plan for review
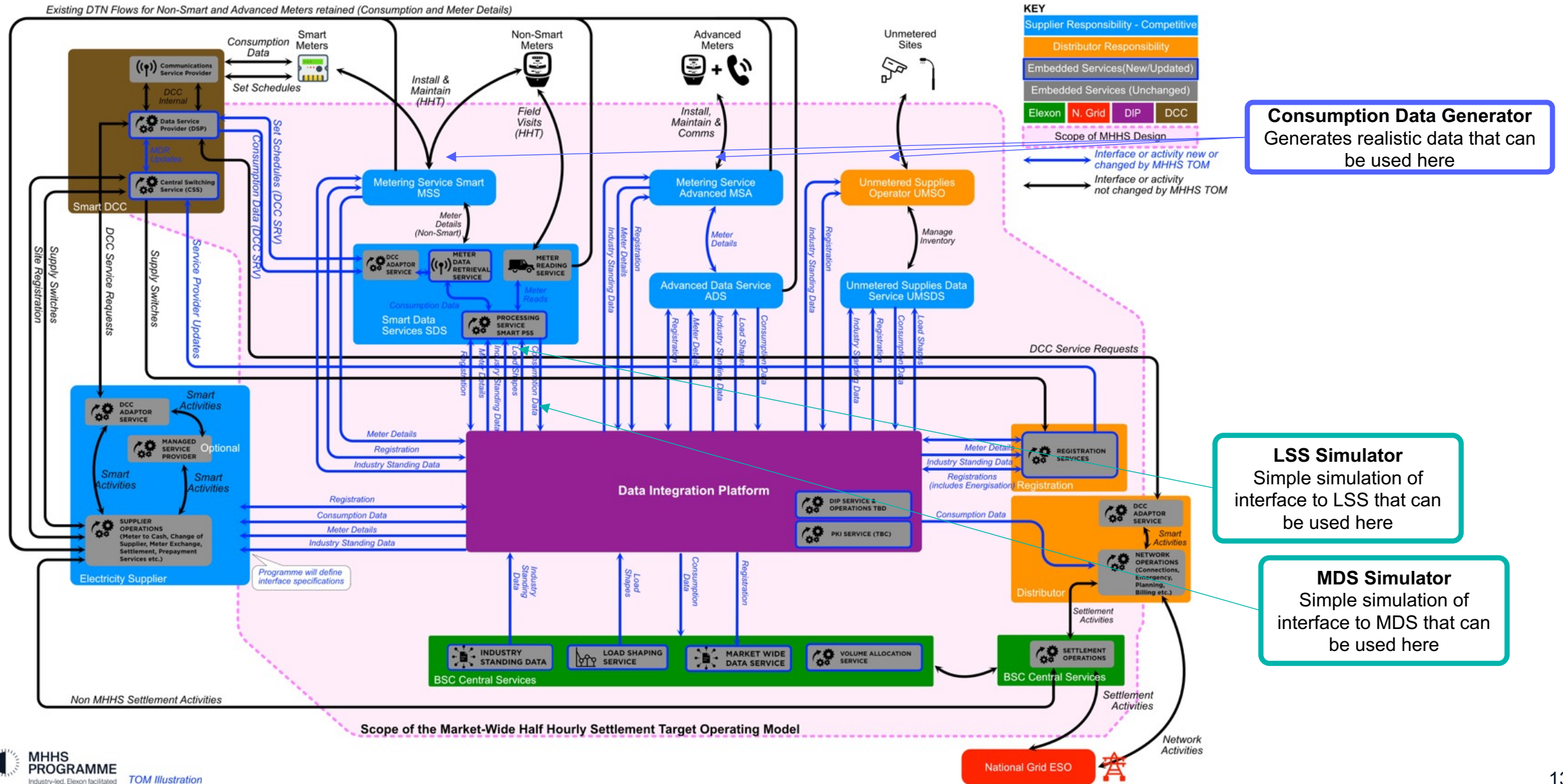
Test stubs and harnesses

Objective: Present the proposed approach for feedback and comments (DISCUSSION)
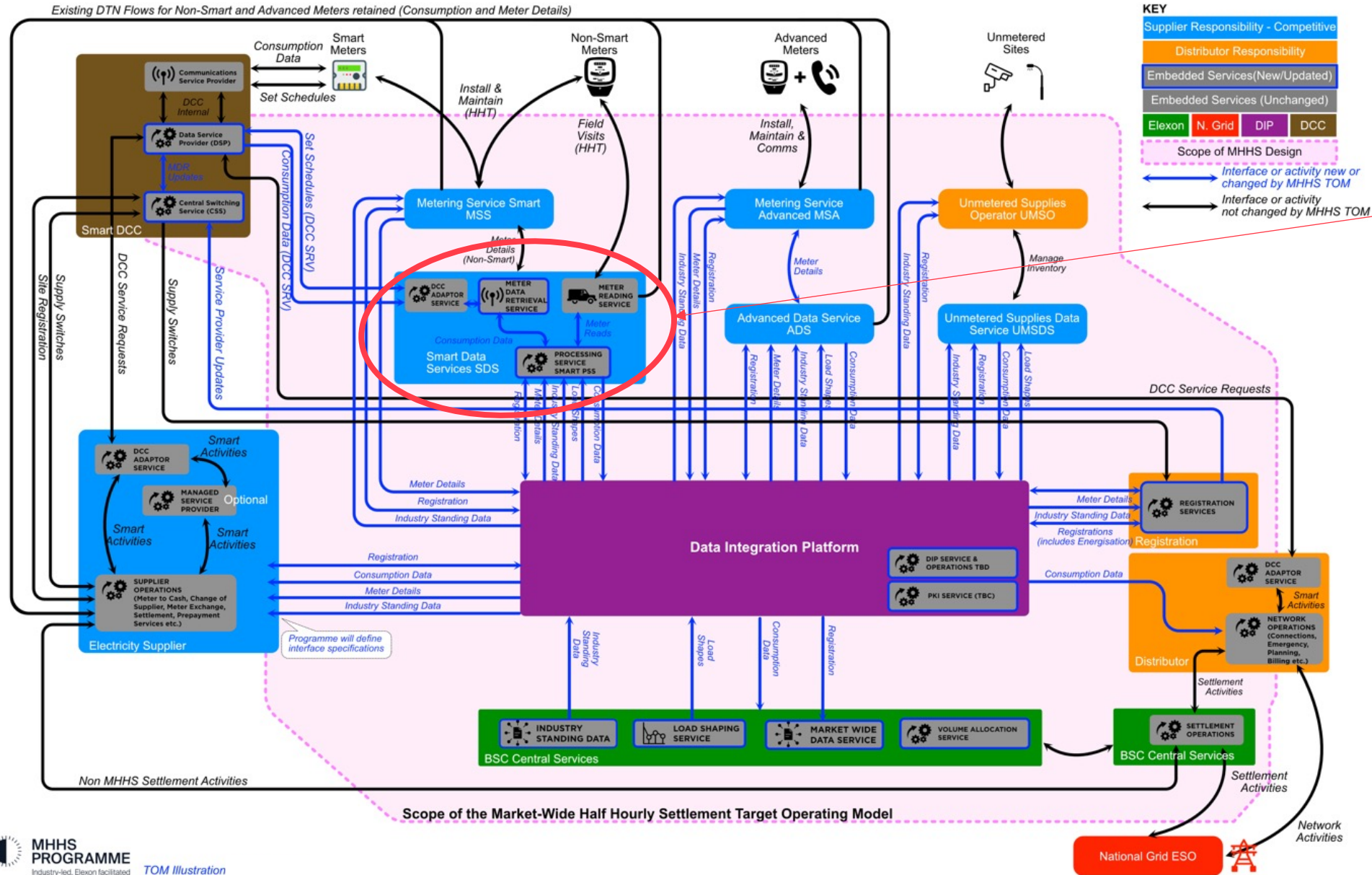
Kate Goodman

40 mins

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Consumption Data Generator
Generates realistic data that can be used here

LSS Simulator
Simple simulation of interface to LSS that can be used here

MDS Simulator
Simple simulation of interface to MDS that can be used here

13

SDS Emulator
Takes the consumption and LSS data input and calculates the correct settlement period data output.

ARP & UMSDS Emulators
Provide the same features as the SDS Emulator.

14

Migration Working Group (MWG) update

Objective: Summarise outputs from May's MWG, focussing on migration strategy (INFORMATION)

Adrian Ackroyd

5 mins

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Migration Working Group (MWG) update
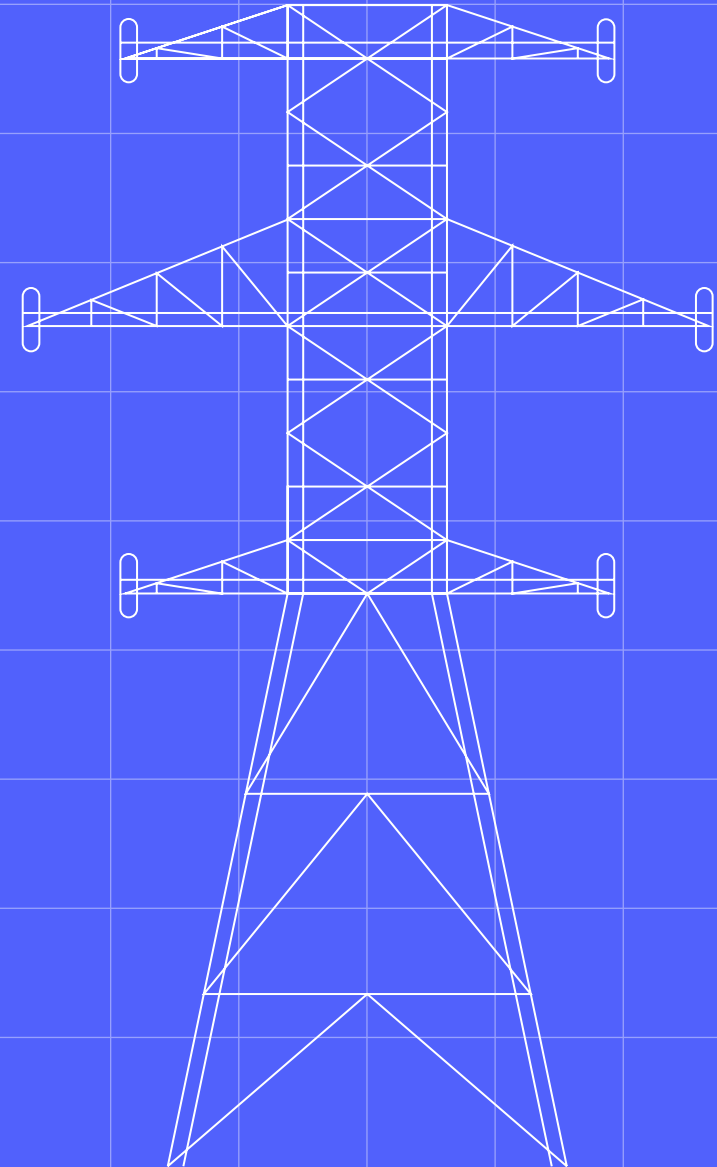
Verbal update to be provided summarising the topics discussed at the 2nd MWG held on Thursday 12th May 2022.

Topics for discussion at the MWG are:

1. One Way Gate

2. Big bang or phased

3. Minimum set of participants for go-live

4. Consumer impact

5. What are the participants pre-requisites for go-live

6. How can we incentivise you

**These discussions will feed into the Migration, Cutover & Data Strategy that will come to TMAG**

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Environments working group mobilisation

Objective: Provide a timeline of expected mobilisation dates and group role/responsibilities for the Environments & Configuration Management Working Group (ECMWG) (INFORMATION

Adrian Ackroyd

5 mins
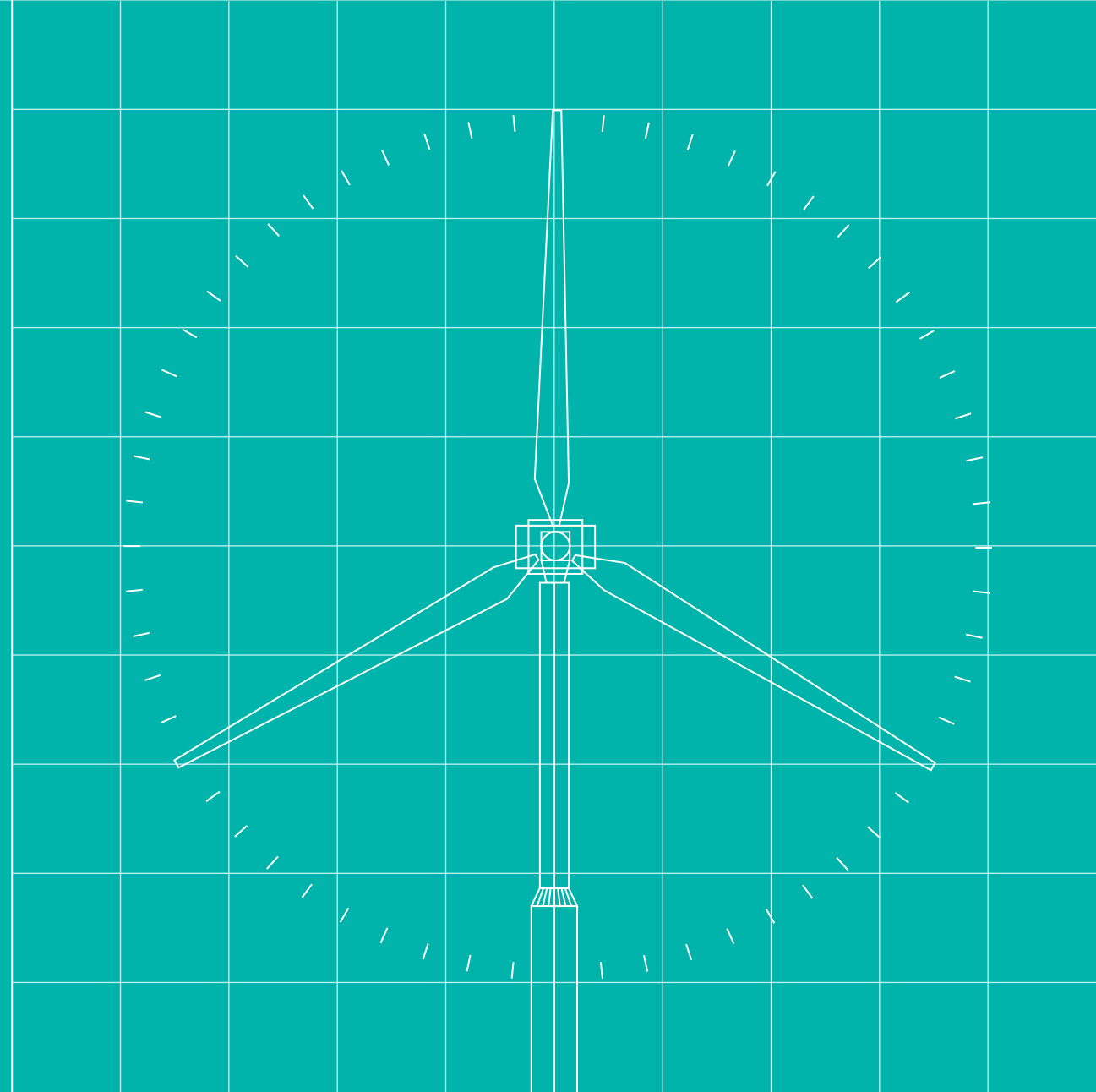
Environments working group mobilisation

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

The group will be called **Environments & Configuration Management Working Group (ECMWG)** and will have the role of helping to **define the Environments approach and plan** for the MHHS Programme and following the conclusion of its work recommend approval of the Environments plan to TMAG.

We are proposing the Group meets on the **1st Tuesday of the month**, with the first meeting being **05 July 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 environment plan will inform participants of the environments they will require** to participate in the testing and inform any internal planning necessary to ensure these environments are available in a timely manner.

We will advertise the establishment of this group via our **current advisory and working groups** (TMAG, MWG, DWG) and via **the Clock** to raise awareness.

Summary and next Steps

Objective: Summarise actions and look ahead to May's TMAG (INFORMATION)

Chair and Secretariat

5 mins

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Next Steps

Next steps:
1. Confirm Actions from meeting
2. Date of next TMAG: 22 June 2022

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

Meeting dates	18-May	22-Jun	27-Jul	24-Aug	21-Sep	19-Oct
Relevant milestone			M5			M5+
Agenda items	• Test Data Strategy decision • E2E Testing and Integration Strategy update • Test stubs and harnesses discussion • ECMWG mobilisation • MWG updates	• Test tools principles • Migration, Cutover & Data Strategy update • QESWG mobilisation	• Test tools design • Migration, Cutover & Data Strategy update • Qualification update	• Environment plan update • Migration, Cutover & Data strategy review • Qualification principles • Programme re-plan review	• Environment plan • SIT principles • Review E2E Testing & Integration Strategy	• Environment plan approval • Programme re-plan review
Standing items	• Minutes & actions • Agenda roadmap • Relevant information for TMAG members • Working group highlights	• Minutes & actions • Agenda roadmap • Relevant information for TMAG members • Working group highlights	• Minutes & actions • Agenda roadmap • Relevant information for TMAG members • Working group highlights	• Minutes & actions • Agenda roadmap • Relevant information for TMAG members • Working group highlights	• Minutes & actions • Agenda roadmap • Relevant information for TMAG members • Working group highlights	• Minutes & actions • Agenda roadmap • Relevant information for TMAG members • Working group highlights

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

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Thank you