

# ELEXON

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**Code Change and Development Group  
Meeting 22**

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Elexon

19 October 2021

# Agenda

No.	Agenda item	Materials	Lead
1.	Introduction, apologies & meeting objectives	Verbal / Slides to be provided at meeting	Nick Rubin
2.	Other updates	Verbal	Alasdair MacMillan / Kevin Spencer
3.	Update on the MHHS Programme	Slides to be provided at meeting	Ian Smith
4.	Constitution of Level 4 Working Groups	Slides to be provided at meeting	Claire Silk
5.	Proposal for transition of Outstanding Design Issues to the MHHS Programme	Slides to be provided at meeting	Matt McKeon
6.	Review of CCDG Terms of Reference and Handover approach	Slides to be provided at meeting	Kevin Spencer
7.	Plan for closing the CCDG	Verbal	Kevin Spencer
8.	Actions, summary & next steps	Verbal	Nick Rubin

# Introduction, apologies and meeting objectives

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## Meeting objectives:

- Provide an update on the MHHS Programme.
- Discuss the constitution of the Level 4 workgroups.
- Discuss and agree approach to Outstanding Design issues and handover to MHHS programme.
- Review against the CCDG ToR and handover approach.
- Agree plan for closing the CCDG.

# OTHER UPDATES

# UPDATE ON THE MHHS PROGRAMME

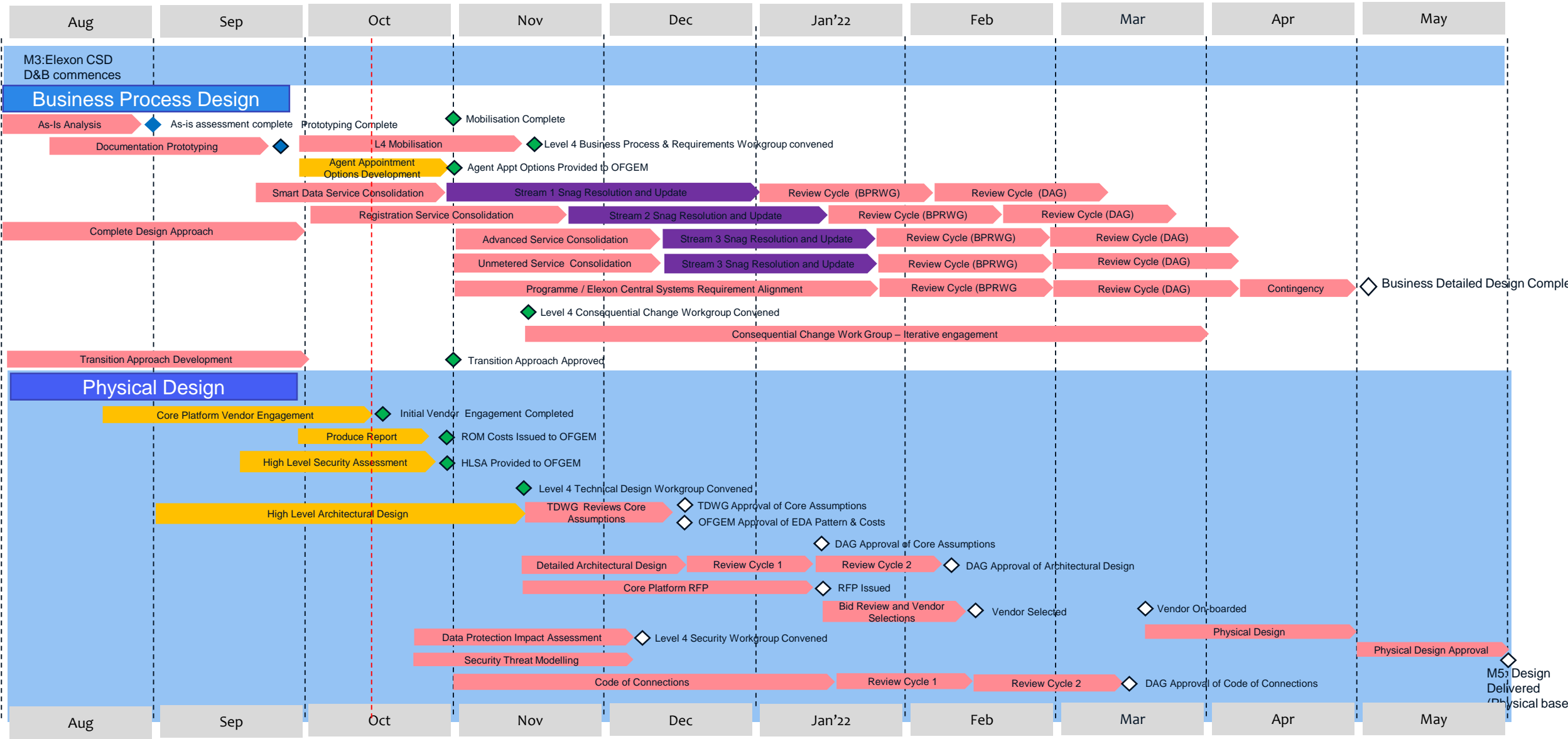
## MHHS Programme Update

- Programme is continuing to mobilise. Principle activity within the Central Programme Team is the continuing work to select the Lead Delivery Partner for the programme. This process is planned to conclude in early November.
- Level 2/3 Governance Forums expected to be convened in November (DAG/IAG)
- Level 4 Design Working groups to be mobilised in November
- Separation agreement signed off by Elexon board.
- Elexon Programme has formally taken over the SRO role from OFGEM.

## MHHS Programme Design Delivery Team Update

- Design team 80% mobilised. Additional BA/MA & Security Consultant resource on-boarded
- With regard to the OFGEM queries raised in the response to the AWG recommendation activity is in flight to provide information –
  - Vendor engagement underway to secure ROM costs for Integration Platform – Expect completion 22/10
  - Sessions ongoing to clarify the position with Agent Appointments – Expect agreement on available options by the end of October.
  - MHHS Programme Security Architect has engaged with OFGEM security consultant. Position produced and under discussion with DCC dealing with the CSS/DCC synchronisation issue
- L4 Engagement commenced and ongoing. Further Agenda Items dealing with this however it is very clear this is the key dependency to enable design completion.
- Design artefact consolidation activity continuing.
- Design issue log being compiled and prioritised
- End to End Architectural Design and Integration Platform Functional Design underway

MHHS Programme Design Delivery– POAP DRAFT







MHHS  
PROGRAMME

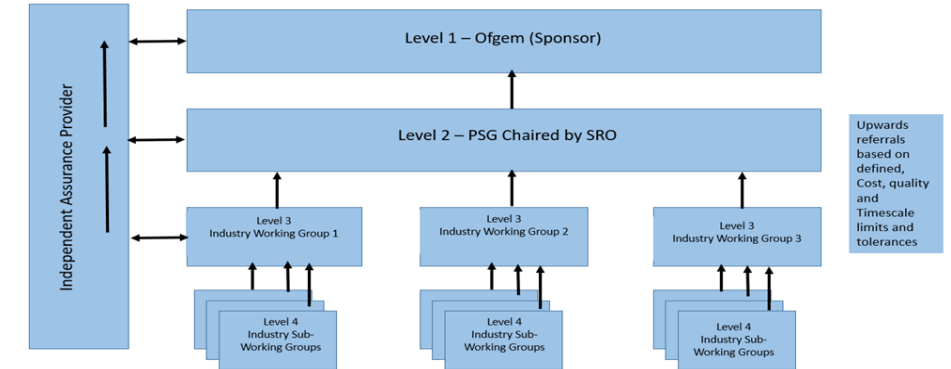
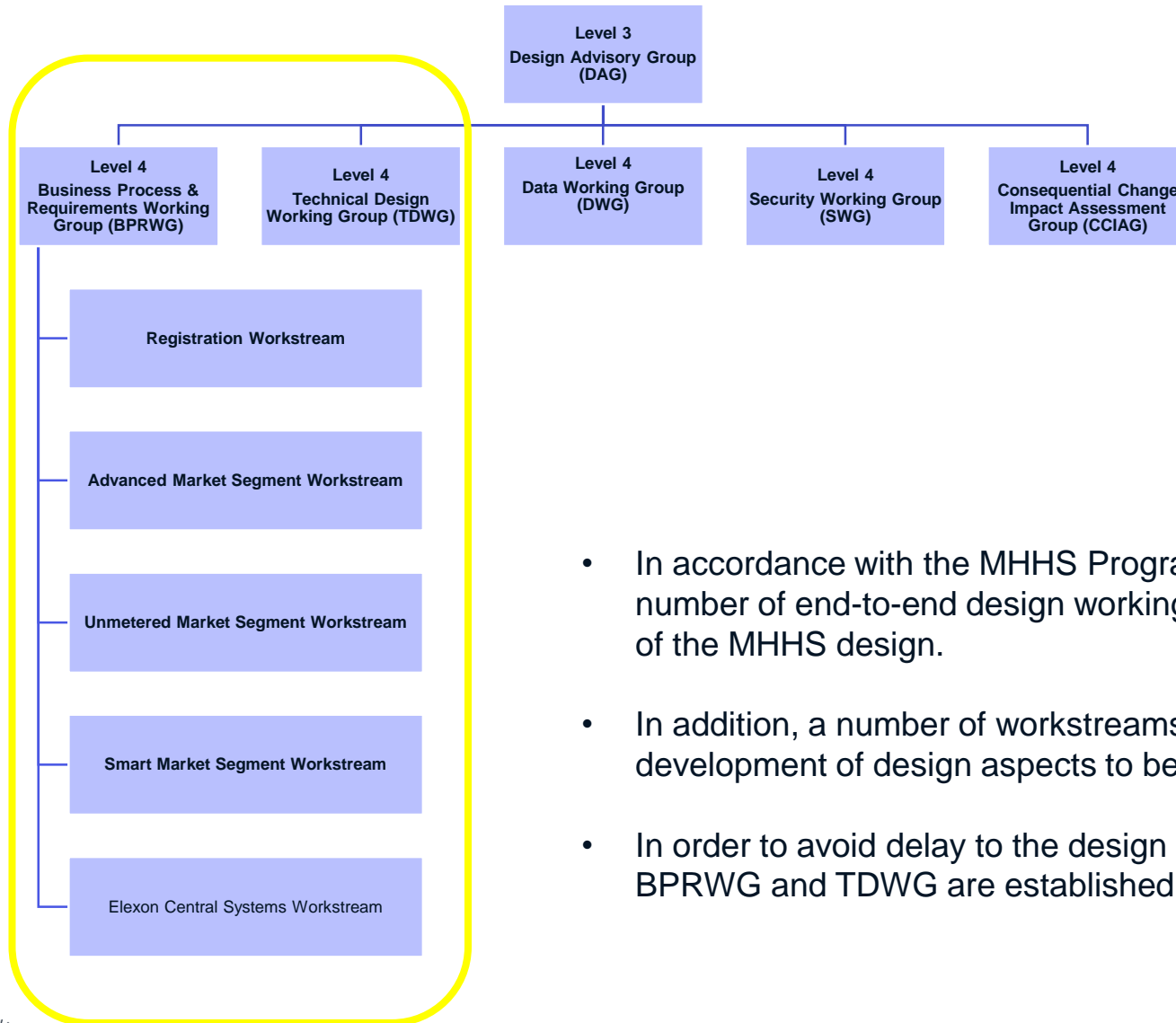
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# MHHS Programme Design Level 4 Working Groups Approach

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30 September 2021

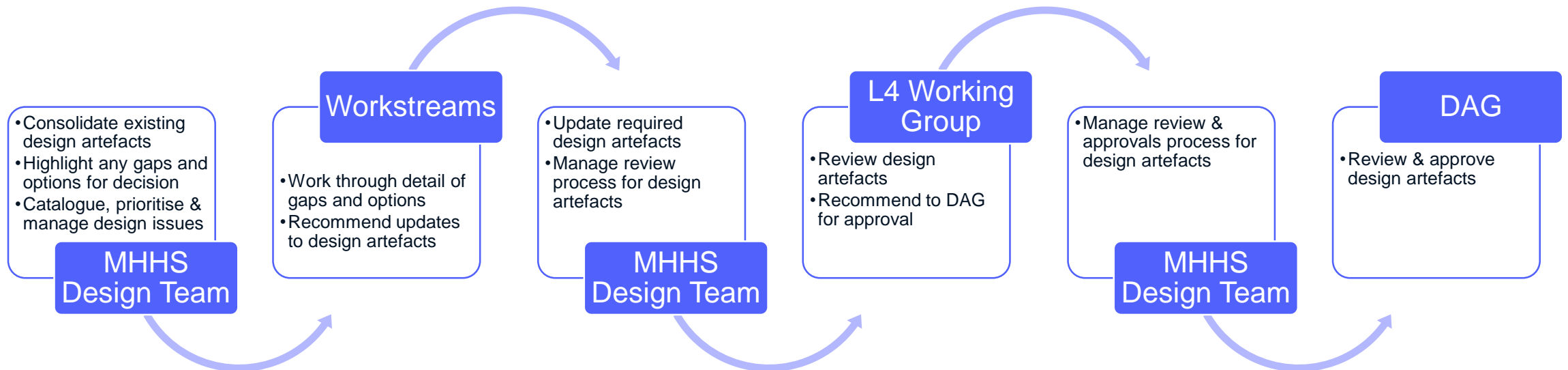
## MHHS Programme Design Delivery- Governance Structure- Level 4 Working Groups



- In accordance with the MHHS Programme Governance Framework the DAG will convene a number of end-to-end design working groups responsible for development of specific aspects of the MHHS design.
- In addition, a number of workstreams have been identified as part of the BPRWG to enable development of design aspects to be run in parallel.
- In order to avoid delay to the design activity the SRO has approved the proposal that the BPRWG and TDWG are established as soon as possible.

## MHHS Programme Design Delivery- Approach

- We appreciate that the constraint within the design process will be availability of industry expertise, therefore, the approach proposed looks to make the best use of this time by not placing any administrative burden on industry resource that can be managed within the MHHS programme.
- On this basis we intend to follow the below process for each of the areas comprising the solution.
- The MHHS Design team will be responsible for producing and maintaining all design artefacts, capture, prioritisation and resolution of all design issues, and management of the review and approval processes.
- L4 Working Group members will be responsible for working through design gaps and issues and reviewing design artefacts.



## MHHS Programme Design Delivery- Ways of Working

- Due to the challenging timescales to meet the MHHS Design milestone it will be necessary to run several streams of activity in parallel to ensure that all design artefacts are submitted for review and approval in a timely manner.
- The MHHS Programme Design team will be responsible for managing the cycle of submission of design artefacts through the appropriate L4 Working Group for review and to the Design Advisory Group for approval.
- It is proposed that activity is managed via a workflow process that enables us to track progress of each design artefact with full transparency and clearly demonstrate any blockers requiring escalation.
- It is anticipated that industry SME's will be required for half a day per week with a weekly checkpoint meeting established to monitor progress.
- The L4 Working Group meeting will be held on a monthly basis with the expectation that this will be an all day meeting designed with a structured agenda to gain group consensus on each business process due for submission to the DAG.

Workstream	Backlog	In Progress	L4 Working Group Review	DAG Review & Approval	Approved	Blocked
Smart Segment	Process 5	Process 4		Process 3	Process 1	Process 2
Registrations	Process 5	Process 4	Process 2 Process 3	Process 1		
Advanced Segment	Process 6	Process 5	Process 4	Process 2	Process 1	
Unmetered Segment	Process 3	Process 2	Process 1			
Elexon Central Systems	Process 5	Process 4	Process 2 Process 3	Process 1		

## MHHS Programme Design Delivery- Level 4 Working Groups Representation

### Business Process & Requirements Working Group (BPRWG)

#### Program Representation:

MHHS Design Market Architect	MHHS Design Business Analyst		
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#### Representation from the following companies for each workstream:

Registration	Advanced Market Segment	Unmetered Market Segment	Smart Market Segment
Data Communication Company	Large Suppliers	Large Suppliers	Data Communication Company
St Clements Services	Medium Suppliers	Medium Suppliers	Large Suppliers
Large Suppliers	Small Suppliers	Small Suppliers	Medium Suppliers
Medium Suppliers	Distribution Business	Distribution Business	Small Suppliers
Small Suppliers	Half Hourly Data Collector	Unmetered Supplies Operators	Distribution Business
Distribution Business	Metering Services	Meter Administrator	Data Services
Data Services	Elxon (Helix programme)	Elxon (Helix programme)	Metering Services
Metering Services			Elxon (Helix programme)
Elxon (Helix programme)			

*For Industry SMEs who have expert knowledge of business process design.*

## MHHS Programme Design Delivery- Level 4 Working Groups Representation

### Technical Design Working Group (TDWG)

#### Program Representation:

MHHS Design Market Architect	MHHS Design Business Analyst	MHHS Solution Architect	MHHS Security Consultant
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#### Representation from the following companies:

Industry SME- Data Communication Company	Industry SME- Medium Supplier	Industry SME- Data Services	Industry SME- Large Supplier
Industry SME- St Clements Services	Industry SME- Small Supplier (?)	Industry SME- Metering Services	Industry SME- Distribution Business
Industry SME- Elexon (Helix)			

#### *For SMEs who have knowledge in the following domains:*

Company IT Architecture	Industry Data Architecture	Company/Industry IT Security	
Solution Architect (or Enterprise Architect)	Data Architect (or Solution Architect)	IT Security Manager or Security Architect	

*N.B. In some situations one individual from a company may have enough knowledge to cover all three roles*

# TRANSITION OF OUTSTANDING DESIGN ISSUES TO THE MHHS PROGRAMME

## Proposed approach for documenting Outstanding Design Issues for handover

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- Review list and check for completeness – some issues have been explored and debated to greater depth than others
- Document where the CCDG has reached a view on possible options, even if no final decision has been made
- Link to any additional documentation that has been shared over Teams and reviewed or commented on \*or\*
- Produce a single consolidated document incorporating any standalone content and remove all other documents
- Maintain an audit trail to any past meetings where these issues have been discussed (or copy out those headlines)
- Review and finalise handover Design Issues Documents over Teams prior to (final?) CCDG meeting in November



# REVIEW OF CCDG TOR AND HANDOVER APPROACH

# CCDG Terms of Reference

The CCDG have been working to the Terms of Reference set out by Ofgem which sets out the following deliverables:

- ☐ The CCDG’s recommendations on the development of the outstanding TOM areas, with accompanying evidence and rationale ;
- ☐ Feedback on the PAB’s and TDC’s MHHS PAF/disputes work, including the CCDG’s recommendation on which (if any) supporting industry code changes and/or subsidiary documents in this area should be delivered using MHHS project governance;
- ☐ Tabulation of impacts on industry codes and industry-facing code subsidiary documents, with clear and easy to understand explanations of the impacts;
- ☐ Draft legal text for each relevant industry code in preparation for implementation;
- ☐ Work carried out on the transition approach for the developed areas;
- ☐ Assessment of the recommendations against the TOM Design Principles and the TOM Development Principles;
- ☐ Any dependencies on other work areas under the Significant Code Review on Electricity Settlement Reform, other Significant Code Reviews or other industry initiatives; and
- ☐ The consultation responses received by the CCDG on the above areas.

Key: Completed Ongoing Issues Not Started

# Handover Approach

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**The CCDG will handover all the design Artefacts developed by the CCDG:**

The CCDG handover document plus:

- ❑ CCDG Detailed Design Area Consultation and Responses
- ❑ CCDG Transition Approach Consultation and Responses
- ❑ List of Outstanding Areas
- ❑ Code Change Matrices
- ❑ Meeting Slides and Notes
- ❑ Registration and SDS Subgroup developed areas
- ❑ Refined MHHS Service Requirements

....any other documents from the CCDG Teams area that are appropriate.

# PLAN FOR CLOSING THE CCDG

One more CCDG meeting to be held in November.

Once the handover documentation has been provided to the MHHS Programme we propose:

- We request that Ofgem provide confirmation that they are happy that the CCDG have met their Terms of Reference noting the outstanding design areas and Code drafting which will be progressed under the MHHS Programme.
- The CCDG webpage will be updated to indicate that the CCDG has now been stood down.
- Direction set up on CCDG webpage to direct Industry Parties to the MHHS Programme website where the work areas will be picked up.

# ACTIONS, SUMMARY AND CONCLUSIONS