



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

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# Design Overview: Playback Introduction and Plan

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2 August 2022

MHHS-DEL[xxx]

Version 1 SI Design Assurance Team

# Session Overview

## Approach

- We will use the Design Overview sessions throughout the playback period to present the Programme's plans, progress, findings and themes
- We will focus on signposting for new Participants or Participants in need of a refresh to support their engagement with the Programme
- This will be across the overall Design, the Design Artefacts, and future Design Playback sessions

## Purpose

- Today's session will provide an overview of the playback activities, indicating the content and intended audience for each session
- We will explain the playback session types, including E2E Walkthroughs, Overviews, Surgeries and Deep Dives
- We will also respond to any questions, comments or queries you may have

## Outcomes

- By the end of today's session, you will:
  - Understand the playback activities which the Programme will deliver in the coming weeks and months
  - Know the intended audiences for each playback session
  - Know how to access and sign-up for future sessions

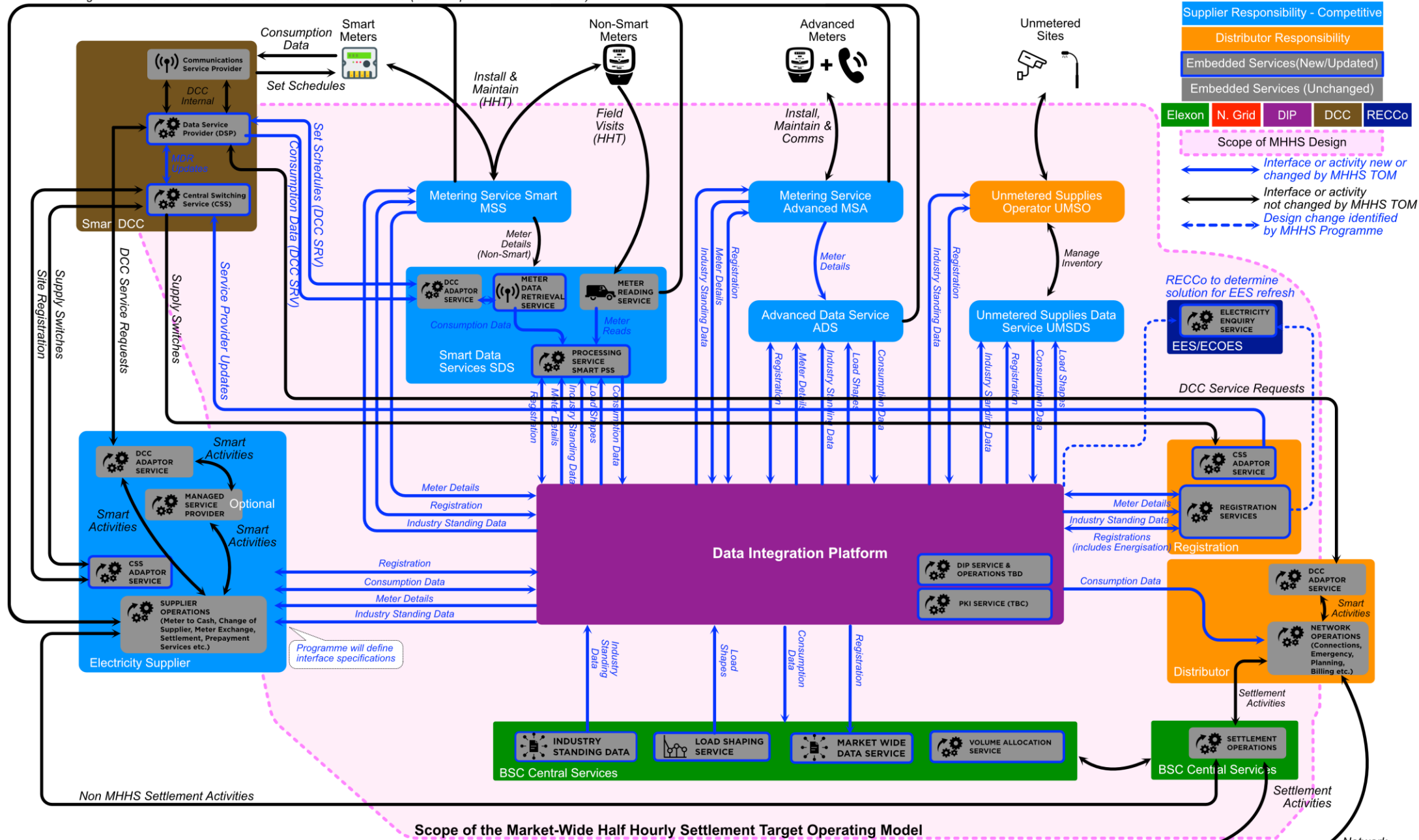
## Outputs

- We will issue the slide pack and a link to the recording for this session
- All questions submitted on Slido and asked in person will be logged and the answers transcribed and edited for comprehension
- These will also be issued to all attendees

## Slido and Rules of Engagement

- Questions can be submitted at Slido.com with the code below, or raise your hand on Teams
- These questions will be grouped into themes by the facilitator and answered in the dedicated time after the walkthrough

# What is the MHHS Design?



**KEY**

- Supplier Responsibility - Competitive
- Distributor Responsibility
- Embedded Services (New/Updated)
- Embedded Services (Unchanged)

Elexon
N. Grid
DIP
DCC
RECCo

**Scope of MHHS Design**

- ↔ Interface or activity new or changed by MHHS TOM
- ↔ Interface or activity not changed by MHHS TOM
- ↔ Design change identified by MHHS Programme

RECCo to determine solution for EES refresh

EES/ECOES

DCC Service Requests

Scope of the Market-Wide Half Hourly Settlement Target Operating Model

The MHHS Design is a collection of **80** individual artefacts which follow an orthodox approach and have been developed collaboratively with industry participants through a series of Working Groups.

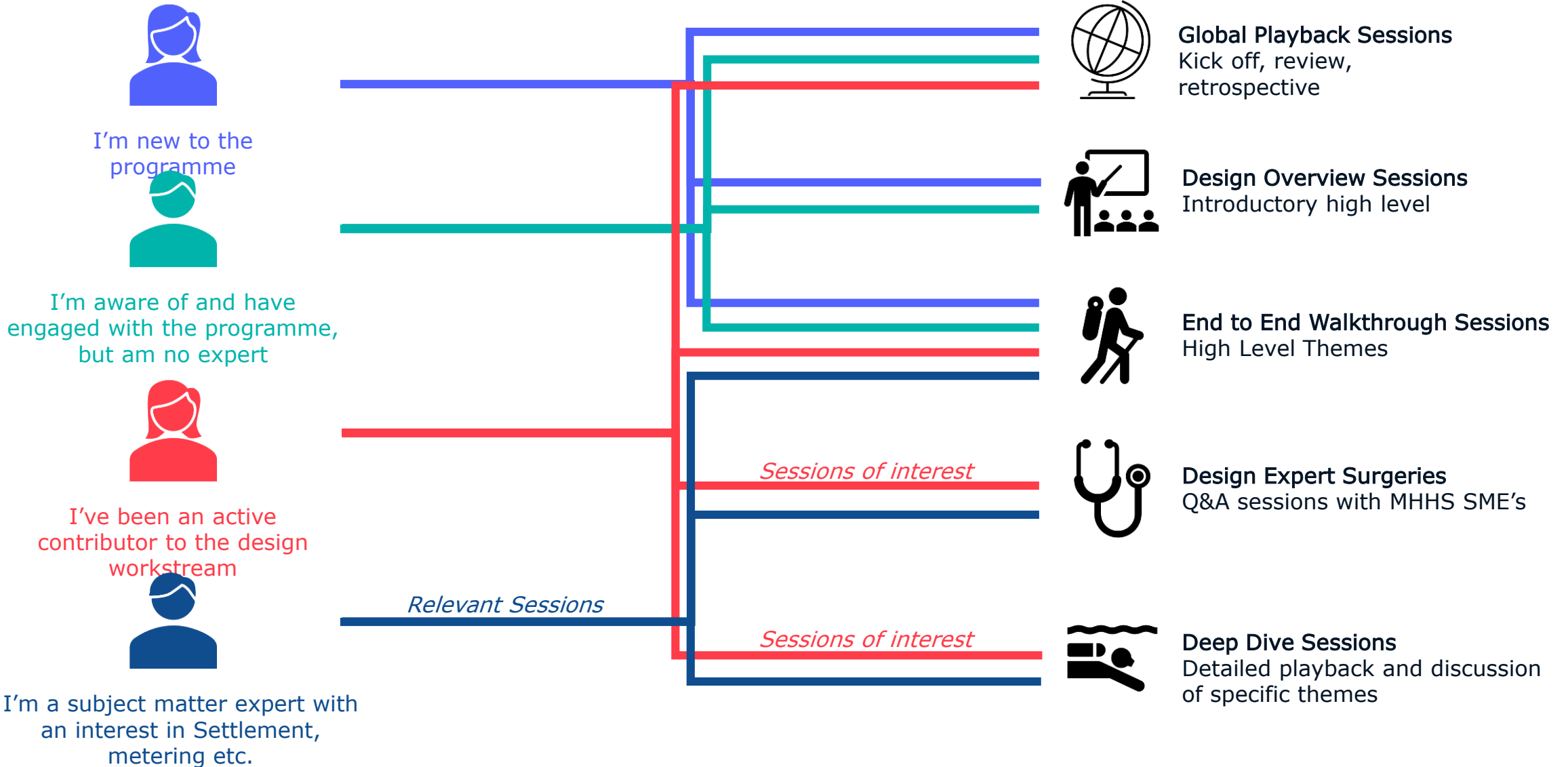


- **Business Process Diagrams** (22 in total)– typically a single business process illustration with multiple swimlanes following established modelling conventions
- **Business Process Descriptions** (22 in total)- documents providing a description of each of the steps within the associated Business Process Diagram
- **Business Requirements Specifications** (13 in total) – documents defining the detailed business requirements underpinning each TOM Service
- **Interface Catalogue** (1 document comprising of 52 Logical Interface Specifications) – documents defining the data models and data catalogues for interfaces
- **Reporting Catalogue** (1 document comprising of 18 Reporting Interface Specifications) – documents defining the data models and data catalogues for reporting interfaces
- **Supporting Artefacts** (13 in total)- documents providing additional detail to support the design, including Method Statements, Operational Choreography and Logical Data Model.
- **Technical Artefacts** (8 in total)- documents detailing the technical aspects of the design, including the End-to-End Technical Architecture, Non-functional Requirements, and Security Architecture.

# Playback Sessions

## Overview

# Which Sessions Should I Attend?





## Design Playback – Sessions and Times

Session Title	Purpose and Topics Covered	Date	Time	Audience
<b>Design Overview</b>				
<a href="#">Design Overview</a>	<ul style="list-style-type: none"> <li>Introduction to the MHHS Design – the TOM, the artefacts, the working groups and programme structure</li> <li>How to engage with the process</li> </ul>	Friday 5 August	10.00 – 11.30	<ul style="list-style-type: none"> <li>Suitable for all Participants</li> <li>Design Overviews targeted at newly engaged or those in need of a refresh</li> </ul>
<a href="#">Playback Review and Next Steps</a>	<ul style="list-style-type: none"> <li>Review of the E2E walkthrough</li> <li>Topics arising via feedback</li> <li>Plan for remainder of playback</li> </ul>	Monday 5 September	13.00 – 14.30	
<a href="#">Design Overview Replay</a>	<ul style="list-style-type: none"> <li>Introduction to the MHHS Design – the TOM, the artefacts, the working groups and programme structure</li> <li>How to engage with the process</li> </ul>	Wednesday 14 September	10.00 – 11.30	
<a href="#">Wrap Up and Retrospective</a>	<ul style="list-style-type: none"> <li>Wrap up and review of playback</li> <li>Summary of activities, key outcomes and findings</li> <li>Any next steps and feedback lessons for ongoing design playback and knowledge management</li> </ul>	Friday 30 September	10.00 – 11.30	
<b>End to End Walkthrough</b>				
<a href="#">Introduction and Basics</a>	<ul style="list-style-type: none"> <li>History, the TOM, Design Approach &amp; Deliverables, DIP basics, Interface basics, programme approach to Testing and Consequential Change</li> </ul>	Monday 8 August	13.00 – 15.00	<ul style="list-style-type: none"> <li>Suitable for all Participants;</li> <li>Tech and Design leads encouraged</li> </ul>
<a href="#">Meter to Bank</a>	<ul style="list-style-type: none"> <li>Data Collection, Data Processing (Method statement overview), New Elexon services (MDS, VAS etc.), Consumption Amendments</li> </ul>	Friday 12 August	10.00 – 12.00	
<a href="#">MPAN Ownership</a>	<ul style="list-style-type: none"> <li>Change of Supplier (and CoS Reads), Change of Service Provider, Linked MPANs, New Connections, Supplier Updates</li> </ul>	Tuesday 16 August	10.00 – 12.00	
<a href="#">Metering Changes</a>	<ul style="list-style-type: none"> <li>Meter Changes, Change of Segment, De-Energisation, Disconnection, LDSO Updates</li> </ul>	Friday 19 August	10.00 – 12.00	

## Design Playback – Sessions and Times

Session Title	Purpose and Topics Covered	Date	Time	Audience
<b>Design Surgery</b>				
<a href="#">Metering</a>	<ul style="list-style-type: none"> <li>Design team Subject Matter Experts available to answer questions from participants</li> </ul>	Tuesday 30 August	13.00 – 14.30	<ul style="list-style-type: none"> <li>All Programme Participants; Tech and Design leads encouraged</li> </ul>
<a href="#">Technology</a>	<ul style="list-style-type: none"> <li>Design team Subject Matter Experts available to answer questions from participants</li> </ul>	Wednesday 31 August	10.00 – 11.30	
<a href="#">Settlement</a>	<ul style="list-style-type: none"> <li>Design team Subject Matter Experts available to answer questions from participants</li> </ul>	Thursday 1 September	10.00 – 11.30	
<a href="#">Registration</a>	<ul style="list-style-type: none"> <li>Design team Subject Matter Experts available to answer questions from participants</li> </ul>	Friday 2 September	10.00 – 11.30	
<b>Deep Dive</b>				
<a href="#">Technical</a>	<ul style="list-style-type: none"> <li>Will cover the Data Interface Platform, the End to End architecture and Non-Functional Requirements.</li> <li>Will also address the security aspects of MHHS, including the framework and code of connection</li> </ul>	Wednesday 17 August	13.00 – 14.30	<ul style="list-style-type: none"> <li>All Participants with interests in the specific topics being covered in the session</li> </ul>
<a href="#">Unmetered</a>	<ul style="list-style-type: none"> <li>Will cover the changes relating to Unmetered sites</li> </ul>	Wednesday 24 August	13.00 – 14.30	
<a href="#">Settlement</a>	<ul style="list-style-type: none"> <li>Will cover the Settlement process in more detail – the new services, timeline, outputs (flows and reports), processes etc</li> </ul>	Friday 26 August	10.00 – 11.30	
<a href="#">Advanced</a>	<ul style="list-style-type: none"> <li>Will cover the changes related to Advanced sites</li> </ul>	Friday 26 August	13.00 – 14.30	

# Playback Sessions

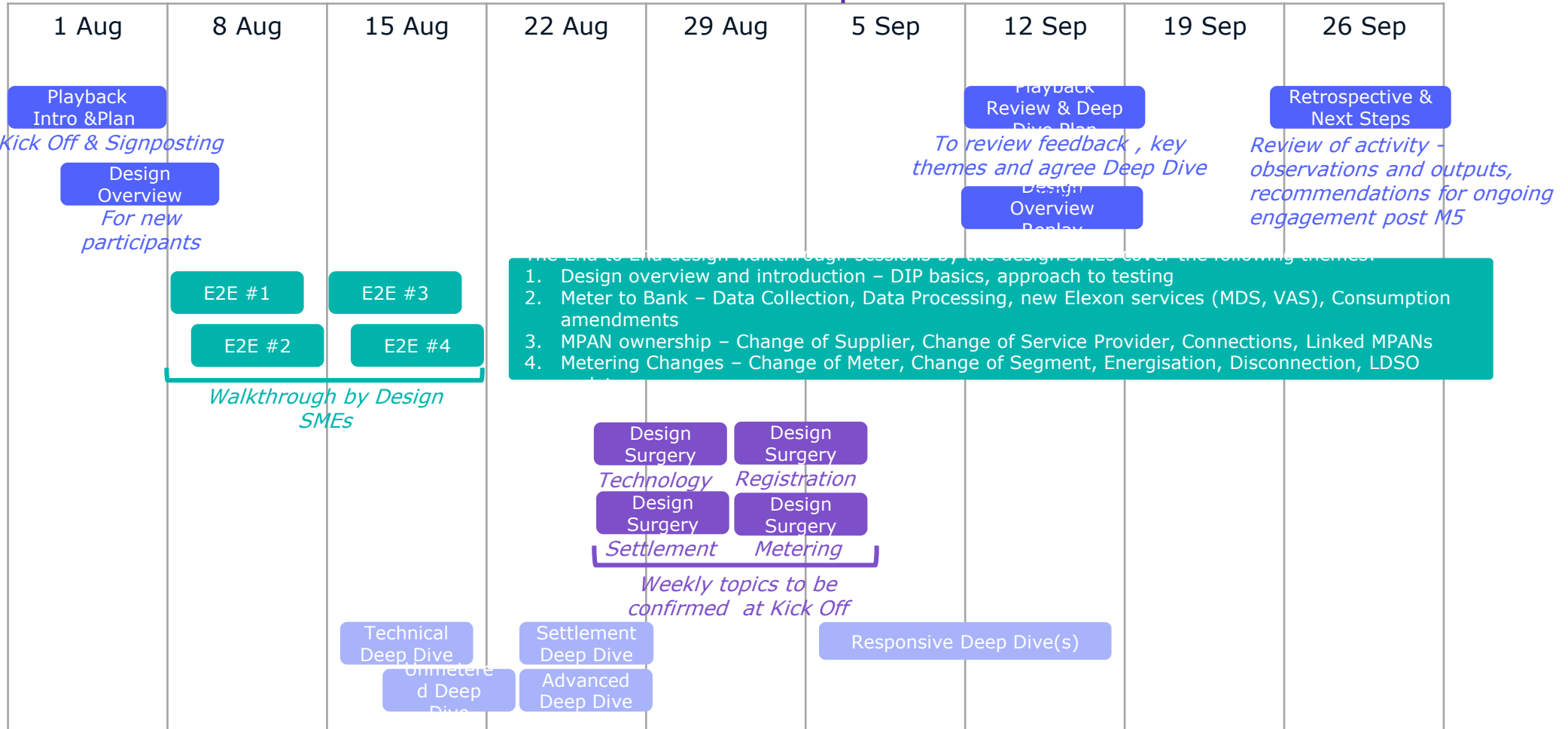
Plan

# MHHS Design Playback Plan on a Page

Comments to L4 Working Groups opens

Comments to L4 Working Groups closes

MHHS Open Day



Questions - [slido.com](https://www.slido.com) #MHHS

### Playback Introduction and Plan

- 2nd August @ 1pm - 2.30pm

#### *Purpose*

- Overview of the playback activities, indicating the content and intended audience for each session
- Explaining playback session types – walkthrough, overviews, surgeries, deep dives

#### *Intended Audience*

- All programme participants

#### *Outcome*

- Attendees understand the playback activities

### Playback Review & Next Steps

- 5th September @ 1pm – 2.30pm

#### *Purpose*

- Review of the E2E walkthrough
- Topics arising via feedback
- Plan for remainder of playback

#### *Intended Audience*

- All participants

#### *Outcome*

- Attendees understand what has been delivered, how to access it, and what will take place next – Open Day, deep

### MHHS Open Day

- 6th September

### Design Overview

- 5th August @ 10am-11.30am

#### *Purpose*

- Introduction to the MHHS Design – the TOM, the artefacts, the working groups and programme structure
- How to engage with the process

#### *Intended Audience*

- Participants new to the programme or in need of a refresh

#### *Outcome*

- Attendees understand how to engage with the design

### Design Overview (if required)

- 14<sup>th</sup> September @ 10am-11.30am

#### *Repeat of Session above*

### Playback Retrospective

- 30th September @ 10-11.30am

#### *Purpose*

- Wrap up and review of playback
- Summary of activities, key outcomes and findings
- Any next steps and feedback lessons for ongoing design playback and knowledge management

#### *Intended Audience*

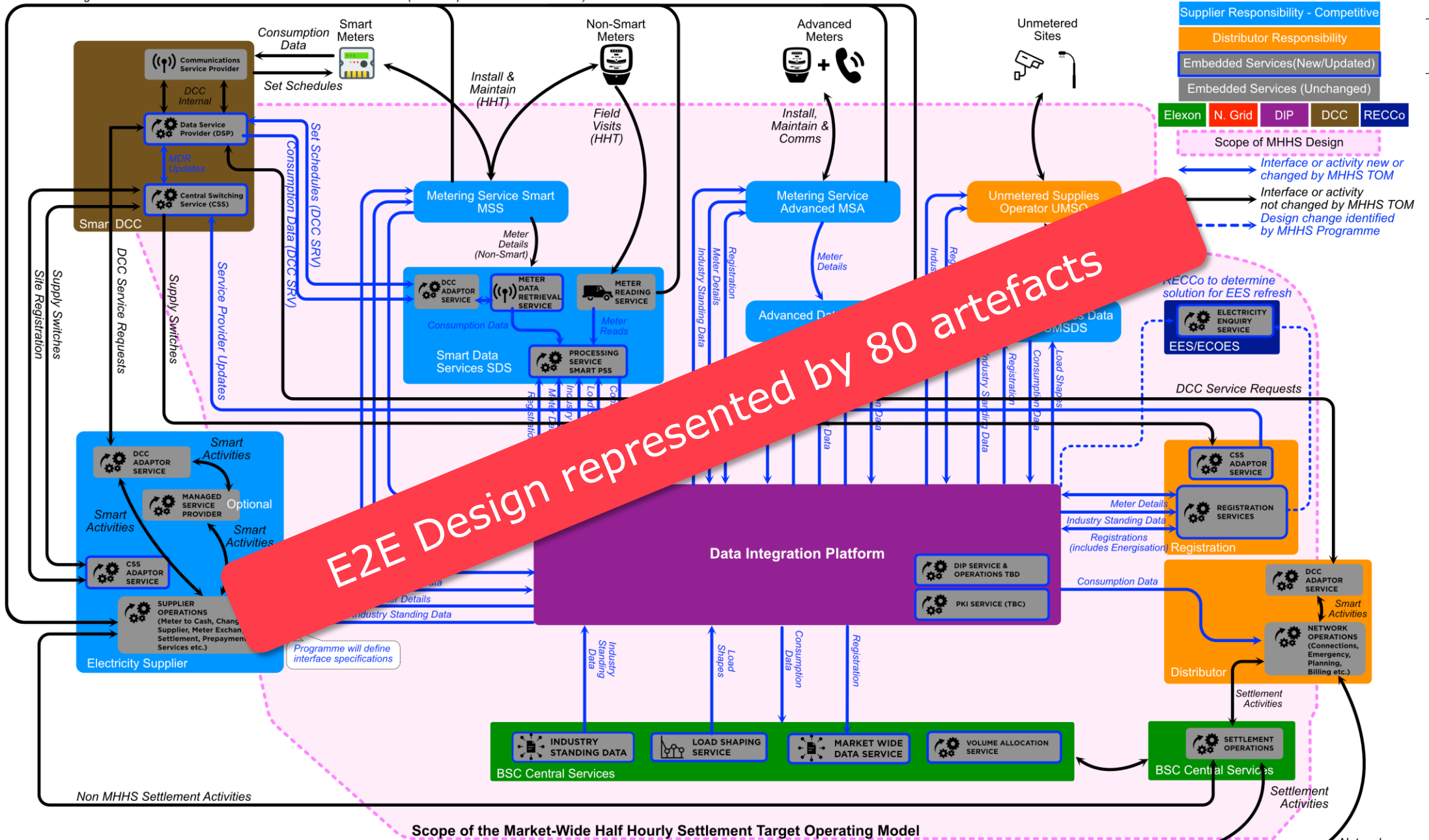
- All programme participants

#### *Outcome*

- Attendees have a better understanding of the design
- Queries and clarifications captured

# Design Signposting

## Walkthrough



**E2E Design represented by 80 artefacts**

**KEY**  
 Supplier Responsibility - Competitive  
 Distributor Responsibility  
 Embedded Services (New/Updated)  
 Embedded Services (Unchanged)

Elexon N. Grid DIP DCC RECCo

**Scope of MHHS Design**  
 Interface or activity new or changed by MHHS TOM  
 Interface or activity not changed by MHHS TOM  
 Design change identified by MHHS Programme

RECCo to determine solution for EES refresh  
 EES/ECOES

DCC Service Requests

DCC ADAPTOR SERVICE  
 REGISTRATION SERVICES  
 Registration  
 Smart Activities  
 NETWORK OPERATIONS (Connections, Emergency, Planning, Billing etc.)

Settlement Activities  
 DISTRIBUTOR  
 DCC ADAPTOR SERVICE  
 NETWORK OPERATIONS (Connections, Emergency, Planning, Billing etc.)  
 SETTLEMENT OPERATIONS

Settlement Activities  
 BSC Central Services  
 NETWORK ACTIVITIES

Scope of the Market-Wide Half Hourly Settlement Target Operating Model

## Playback Themes

### MPAN Ownership


Processes associated with the appointment of parties such as supplier, metering service or data service

8  MHHS Business Process & Description

18  MHSS Interfaces

### Metering Changes

Processes associated with metering such as disconnections, changes to energisation status or change of meter

6  MHHS Business Process & Description

11  MHSS Interfaces

### Meter to Bank

Processes associated with the collection and processing of data through to Settlement

8  MHHS Business Process & Description

11  MHSS Interfaces

5  Business Requirements

4  Method Statements

2  Other Design Artefacts

### Supporting Artefacts

Design documents covering activities not related to the walkthrough themes, or covering the end to end design

8  Business Requirements

5  Technical Artefacts

5  Method Statements

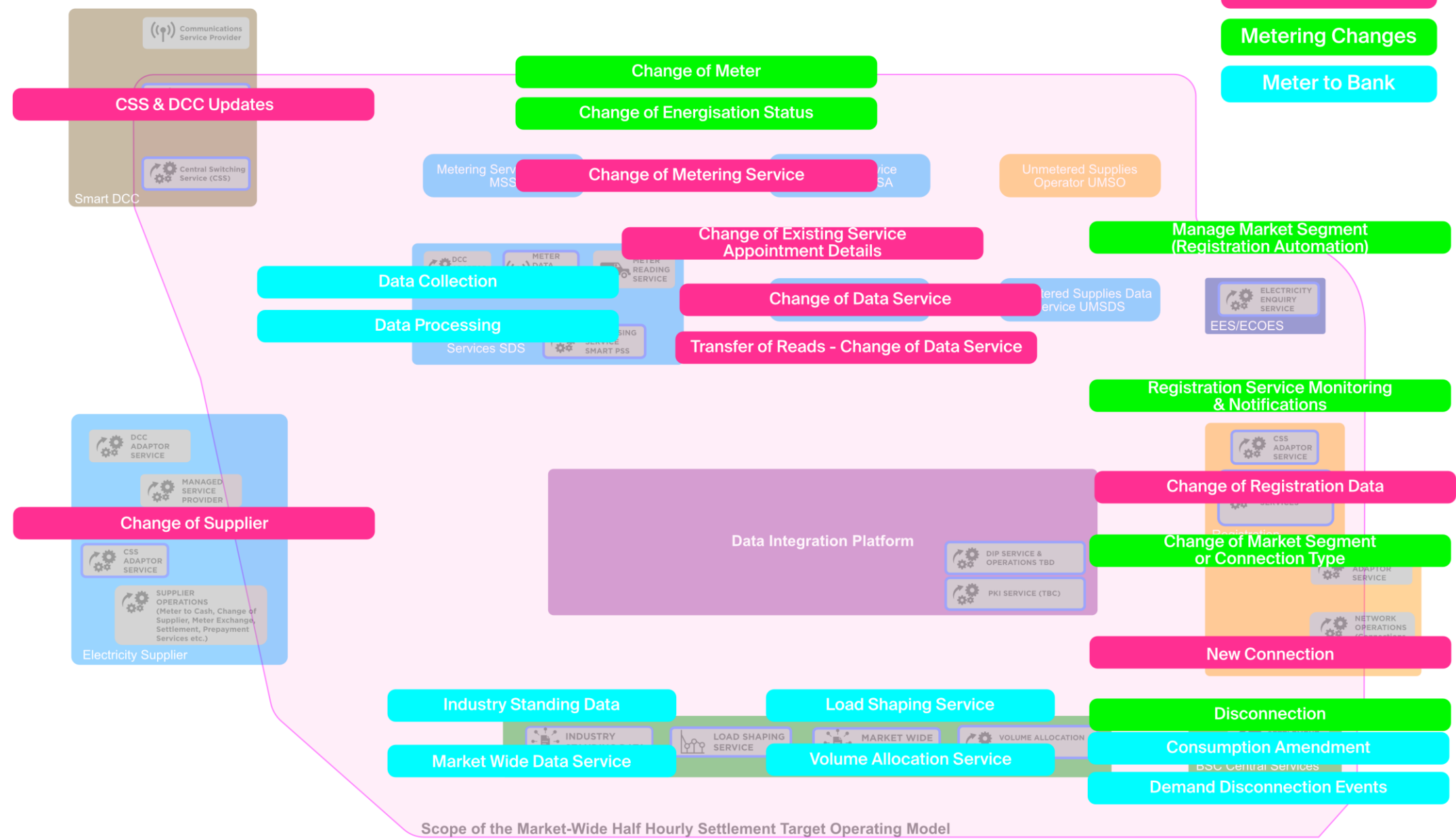
3  Security Artefacts

4  Other Design Artefacts



KEY

- MPAN Ownership
- Metering Changes
- Meter to Bank



Scope of the Market-Wide Half Hourly Settlement Target Operating Model

KEY

### Meter to Bank

- MHHS Business Process
- MHSS Interfaces
- Business Requirements
- Method Statements
- Technical Artefacts
- Security Artefacts
- Other Design Artefacts

EES/ECOES

Registration

DCC ADAPTOR SERVICE

Distributor

DCC Central Services

National Grid ES

Smart DCC

- Communications Service Provider
- Data Service Provider (DSP)
- Central Switching Service (CSS)

Electricity Supplier

- DCC ADAPTOR SERVICE
- MANAGED SERVICE PROVIDER
- CSS ADAPTOR SERVICE
- SUPPLIER OPERATIONS (Meter to Cash, Change of Supplier, Meter Exchange, Settlement, Prepayment Services etc.)

Metering Service Smart MSS

Metering Service Advanced MSA

Unmetered Supplies Operator UMISO

Advanced Data Service ADS

Unmetered Supplies Data Service UMSDS

BP-004 Data Collection (& Description)

IF024 Supplier Advisory Notification to Data Serv

### Data Collection

### Data Processing

BP-005 Data Processing (& Description)

IF013 MDS Defaults Applied

IF021 UTC Settlement Period Consumption Data

IF022 LSS Period Data

IF023 LSS Totals Data

IF100 MDS Defaulting Report

IF105 Rejected Consumption Data

### Data Integration Platform

EM021 ISD Entity Map

EM021 ISD Entity Map - Data Item Definitions

IF047 Publish Industry Standing Data

BP-021 Industry Standing Data (ECS) (& Description)

BRS 010 Industry Standing Data Reqs

BP-018 Load Shaping Service (& Description)

DIP SERVICE & OPERATIONS TBD

PKI SERVICE (TBC)

BRS 007 Load Shaping Service

METH005 Load Shaping Service

### Industry Standing Data

### Load Shaping Service

BP-016 Consumption Amendment (& Description)

IF105 Rejected Consumption Data

IF028 Consumption Amendment Req Response

IF027 Consumption Amendment Request

IF021 UTC Settlement Period Consumption Data

### Market Wide Data Service

### Volume Allocation Service

### Consumption Amendment

### Demand Disconnection Events

BP-019 Market Wide Data Service (& Description)

BRS 008 Market Wide Data Service Reqs

BP-020 Volume Allocation Service (& Description)

BRS 009 Volume Allocation Service

BP-013 Demand Disconnection Events (& Description)

BRS 013 DDE Requirements

Scope of the Market Settlement Target Operating Model

METH007 Market Wide Data Service

METH006 Volume Allocation Service

METH008 Demand Disconnection Events

# Walkthrough Session 12 August

### MPAN Ownership

- MHHS Business Process
- MHSS Interfaces
- Other Design Artefacts

### CSS & DCC Updates

BP-003A CSS & DCC Update (& Description)

IF035 Reg Service Appt Status Notification

Central Switching Service (CSS)

Smart DCC

### Change of Metering Service

BP-002 Change of Service Metering Service (& Description)

IF031 Supplier Service Appointment Request

IF032 Reg Serv Response to Supp Appt Request

IF033 Reg Serv Request for Service Appointment

IF034 Service Provider Response to Appt Request

IF035 Reg Service Appt Status Notification

IF036 Reg Service Notification of Serv Appt

IF0037 Reg Service Notification of De-Appt

IF0038 Customer Direct Contact Advisory

IF039 Customer Direct Contact Adv Response

IF041 Cumulative Meter Reading

Metering Serv MSS

Unmetered Supplies Oper

### Change of Existing Service Appointment Details

BP-003B Change of Existing Service Appt Details (& Description)

IF031 Supplier Service Appointment Request

IF032 Reg Serv Response to Supp Appt Request

IF033 Reg Serv Request for Service Appointment

IF034 Service Provider Response to Appt Request

IF035 Reg Service Appt Status Notification

METER READING SERVICE

PROCESSING SERVICE SMART PSS

### Change of Data Service

### Transfer of Reads - Change of Data Service

BP-003C Transfer of Read Change of Data Service (& Description)

IF015 Request historic consumption replay

IF016 HH Consumption History Replay

IF041 Cumulative Meter Reading

Advanced Sites Only

### Change of Supplier

BP-001 Change of Supplier (& Description)

IF001 Notification of Change of Supplier

IF002 Registration Update to Supplier (CoS Gain)

DCC ADAPTOR SERVICE

MANAGED SERVICE PROVIDER

SUPPLIER OPERATIONS (Meter to Supplier, Meter Exchange, Settlement, Prepayment Services etc.)

Electricity Supplier

### Change of Registration Data

BP-010 Change of Reg Data (& Description)

IF018 Notification of Reg Data Item Changes

IF025 Supplier Updates to Registration

IF026 Reg Service Notification of Supp Data

CSS ADAPTOR SERVICE

NETWORK OPERATIONS

### New Connection

BP-006 New Connection (& Description)

IF003 Central System MPAN Create/Update

Data Integration Platform

DIP SERVICE & OPERATIONS TBD

PKI SERVICE (TBC)

BSC Central Services

INDUSTRY STANDING DATA

LOAD SHAPING SERVICE

MARKET WIDE DATA SERVICE

VOLUME ALLOCATION SERVICE

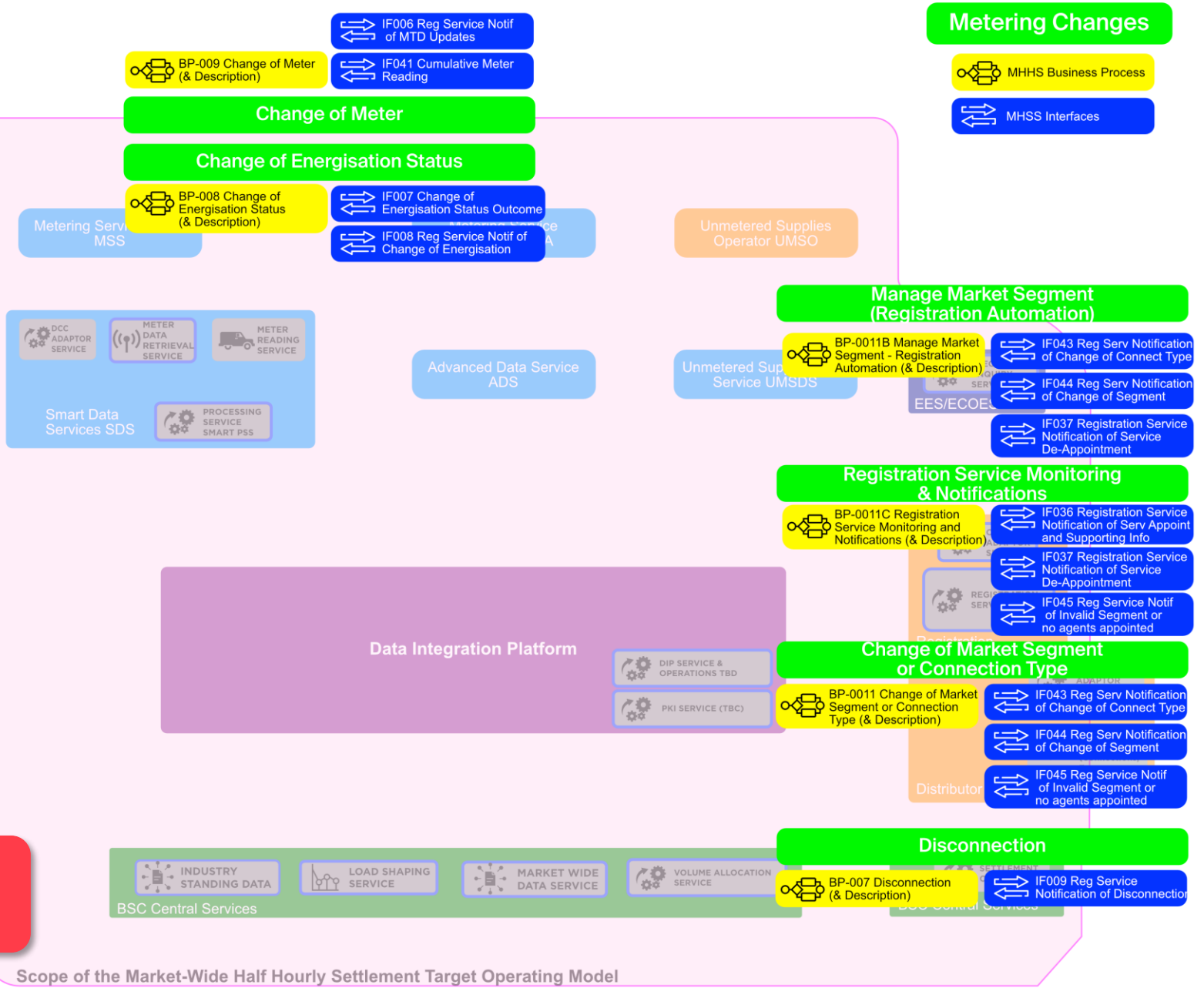
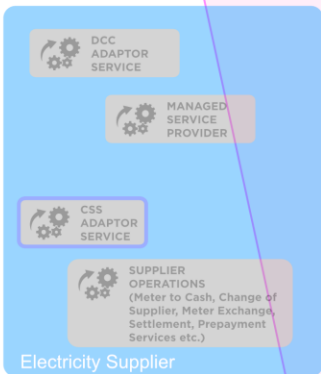
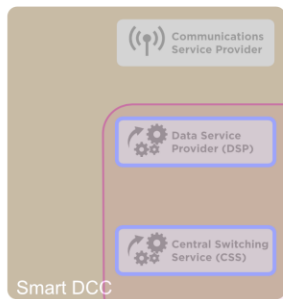
BSC Central Services

SETTLEMENT OPERATIONS

Scope of the Market-Wide Half Hourly Settlement Target Operating Model

# Walkthrough Session 16 August

# Walkthrough Session 19 August

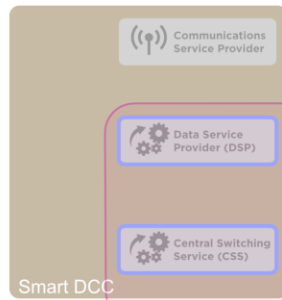


**KEY**

- Metering Changes
- MHHS Business Process
- MHSS Interfaces

Scope of the Market-Wide Half Hourly Settlement Target Operating Model

Questions - [slido.com](https://www.slido.com) #MHHS



DIP-003 End to End Security Architecture    DIP-005 End to End Security Requirements

E2E001 - End to End Technical Architecture    E2E002 - End to End Non Func Requirements    E2E003 - Physical Interface Specifications

OPC1 - Operational Choreography    DES052 - Logical Data Model

Metering Service Smart MSS    BRS002 - Metering Services    Metering Service Advanced MSA

Unmetered Supplies Operator UMSO  
METH009 UMSO Procedures

DCC ADAPTOR SERVICE    METER DATA RETRIEVAL SERVICE    BRS001 - Data Services  
METH001 - SDS Validation and Estimation    Advanced Data Service ADS    METH002 ADV Validation & Estimation

Unmetered Supplies Data Service UMSDS  
METH004 UMSDS EM Functions

ELECTRICITY ENQUIRY SERVICE  
BRS006 ECOES & SDEP Recommendations

DIP-001 DIP Functional Specification    DES138 - Interface Catalogue  
DIP-002 DIP Non Functional Requirements    Integration Platform  
DIP-004 Cyber Security Code of Connection Guidance

DIP SERVICE & OPERATIONS TBD  
PKI SERVICE (TBC)

CSS ADAPTOR SERVICE  
REGISTRATION  
BRS003 Registration Requirements

DCC ADAPTOR SERVICE  
NETWORK OPERATIONS (Connections, Emergency, Planning, Billing etc.)  
BRS005 LDSO Requirements Overview

SETTLEMENT OPERATIONS  
BSC Central Services

INDUSTRY STANDING DATA    LOAD SHAPING SERVICE    MARKET WIDE DATA SERVICE    VOLUME ALLOCATION SERVICE  
BS    ERI011 - ECS Reports and Interfaces    BRS011 Reporting Requirements (ECS)    BRS012 Annual Consumption

METH010 Annual Consumption (ECS)

Scope of the Market-Wide Half Hourly Settlement Target Operating I

**KEY**  
Supporting Artefacts

- MHHS Business Process
- MHSS Interfaces
- Business Requirements
- Method Statements
- Technical Artefacts
- Security Artefacts
- Other Design Artefacts

Covered in Intro 12 August, and further Deep Dive & Surgery Sessions

### End to End Walkthrough Session #1 – Design Introduction

- 8th August @ 1pm – 3pm

#### *Purpose*

- History, the TOM, Design Approach & Deliverables, DIP basics, Interface basics, programme approach to Testing and Consequential Change

#### *Intended Audience*

- All programme participants

#### *Outcome*

- Attendees have a better understanding of the design
- Queries and clarifications captured

### End to End Walkthrough Session #2 – Meter to Bank

- 12th August @ 10am-12pm

#### *Purpose*

- Data Collection, Data Processing (Method statement overview), New Elexon services (MDS, VAS etc.), Consumption Amendments

#### *Intended Audience*

- All programme participants

#### *Outcome*

- Attendees have a better understanding of the design
- Queries and clarifications captured

### End to End Walkthrough Session #3 – MPAN Ownership

- 16th August @ 10am-12pm

#### *Purpose*

- Change of Supplier (and CoS Reads), Change of Service Provider, Linked MPANs, New Connections, Supplier Updates

#### *Intended Audience*

- All programme participants

#### *Outcome*

- Attendees have a better understanding of the design
- Queries and clarifications captured

### End to End Walkthrough Session #4 – Metering Changes

- 19th August @ 10am-12pm

#### *Purpose*

- Meter Changes, Change of Segment, De-Energisation, Disconnection, LDSO Updates

#### *Intended Audience*

- All programme participants

#### *Outcome*

- Attendees have a better understanding of the design
- Queries and clarifications captured

### Deep Dive (Technical)

- 17<sup>th</sup> August @ 1pm – 2.30pm

#### *Purpose*

- Will cover the Settlement process in more detail – the new services, timeline, outputs (flows and reports), processes etc.

#### *Intended Audience*

- Participants with an interest in Settlement

#### *Outcome*

Attendees have a better understanding of changes relating to Settlement

### Deep Dive (Unmetered)

- 24<sup>th</sup> August @ 2.30-3.30pm

#### *Purpose*

- Will cover the changes relating to Unmetered sites

#### *Intended Audience*

- Participants with Unmetered sites

#### *Outcome*

- Attendees have a better understanding of changes relating to Unmetered sites

### Deep Dive (Advanced)

- 26<sup>th</sup> August @ 1pm – 2.30pm

#### *Purpose*

- Will cover the changes relating to Advanced sites

#### *Intended Audience*

- Participants with Advanced sites

#### *Outcome*

- Attendees have a better understanding of changes relating to Advanced sites

### Deep Dive (Settlement)

- 26<sup>th</sup> August @ 10am-11.30am

#### *Purpose*

- Will cover the Settlement process in more detail – the new services, timeline, outputs (flows and reports), processes etc.

#### *Intended Audience*

- Participants with an interest in Settlement

#### *Outcome*

Attendees have a better understanding of changes relating to Settlement

### Design Surgery - Metering

- 30th August @ 1pm – 2.30pm

#### *Purpose*

- Design team Subject Matter Experts available to answer questions from participants

#### *Intended Audience*

- Any participant

#### *Outcome*

- Attendees have their topic specific queries resolved, or logged for a response

### Design Surgery – Settlement

- 1<sup>st</sup> September @ 10am-11.30am

#### *Purpose*

- Design team Subject Matter Experts available to answer questions from participants

#### *Intended Audience*

- Any participant

#### *Outcome*

- Attendees have their topic specific queries resolved, or logged for a response

### Design Surgery - Technology

- 31<sup>st</sup> August @ 10am-11.30am

#### *Purpose*

- Design team Subject Matter Experts available to answer questions from participants

#### *Intended Audience*

- Any participant

#### *Outcome*

- Attendees have their topic specific queries resolved, or logged for a response

### Design Surgery – Registration

- 2nd September @ 10am-11.30am

#### *Purpose*

- Design team Subject Matter Experts available to answer questions from participants

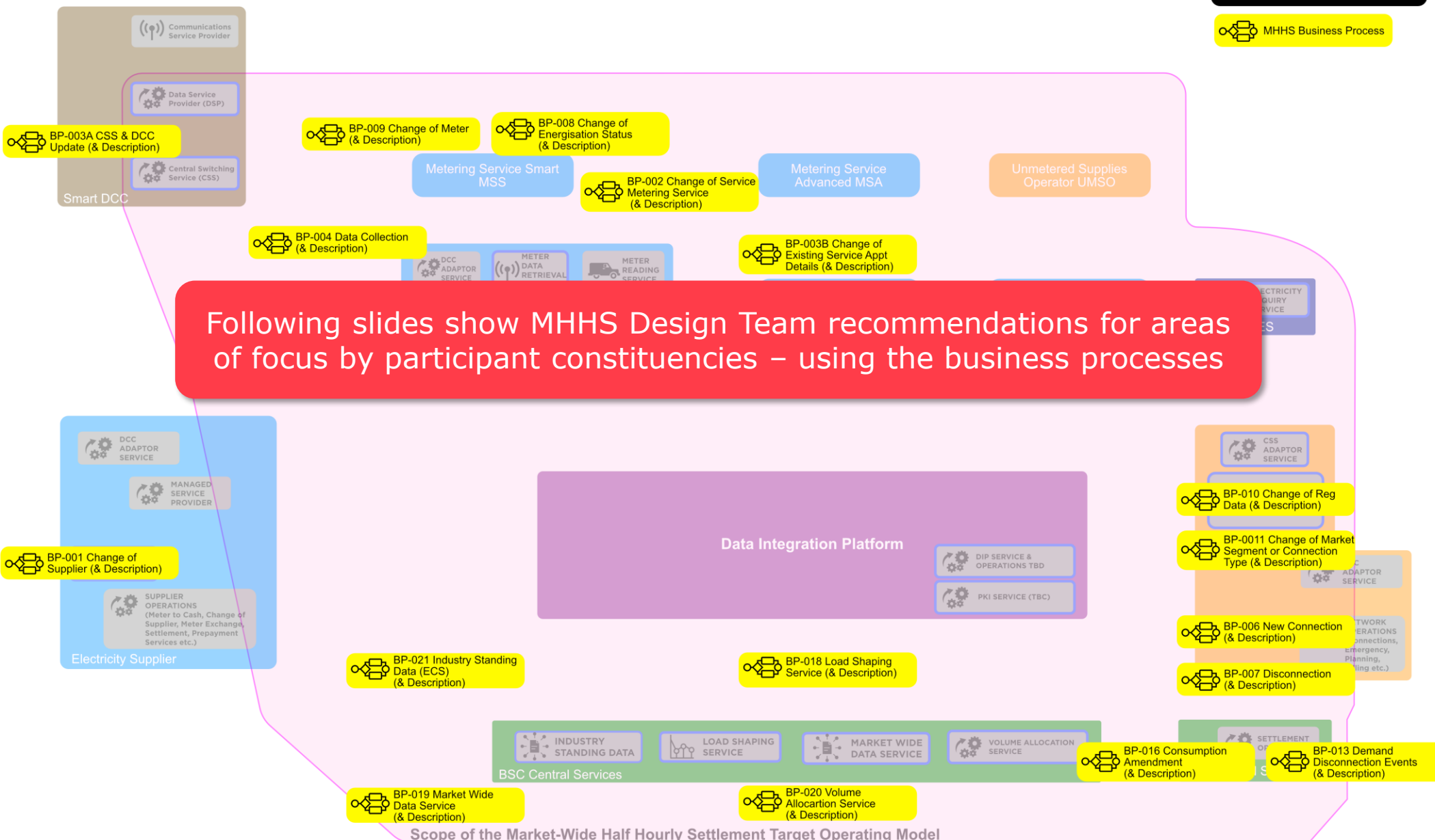
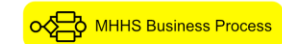
#### *Intended Audience*

- Any participant

#### *Outcome*

- Attendees have their topic specific queries resolved, or logged for a response



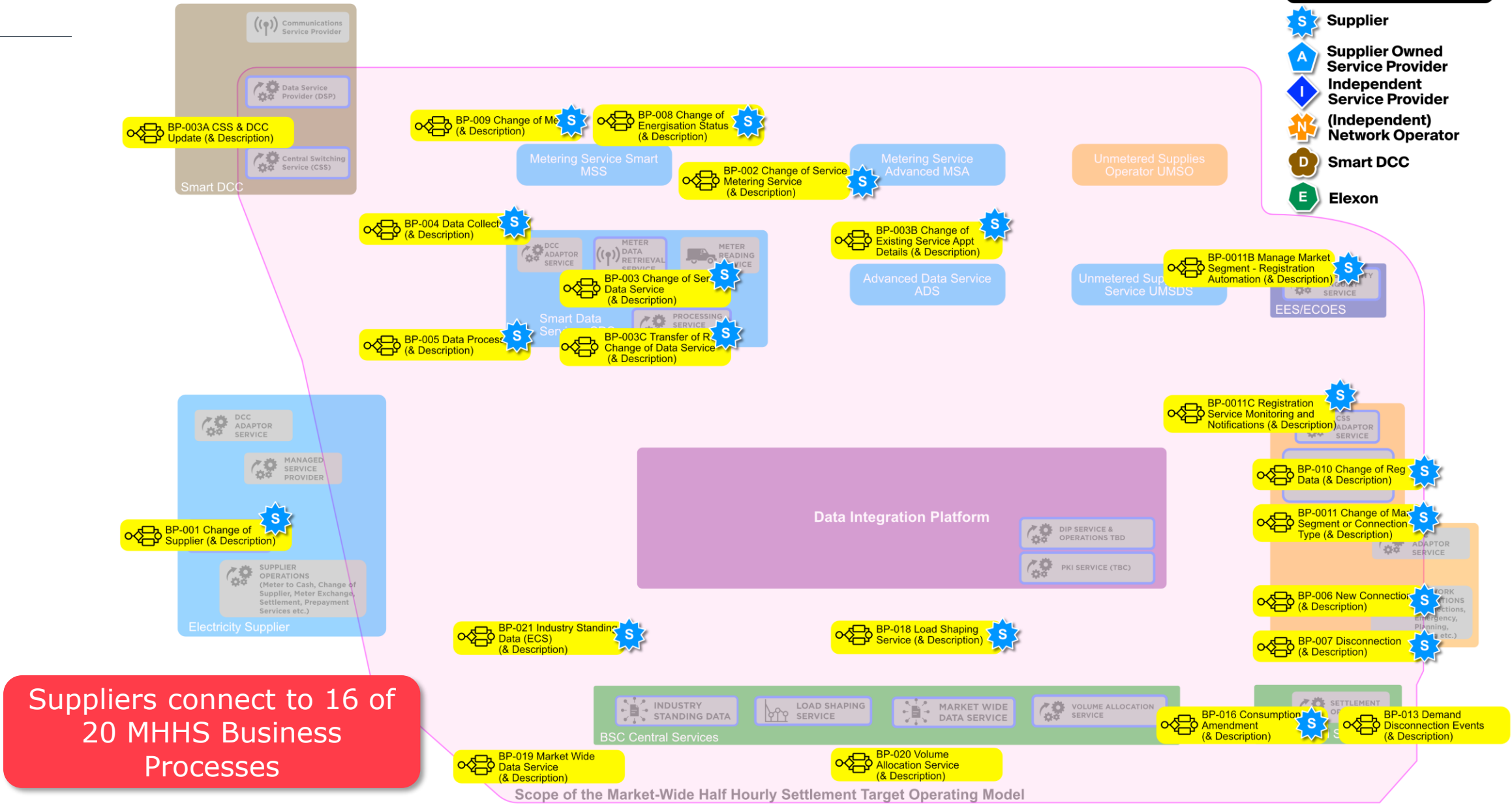


Following slides show MHHS Design Team recommendations for areas of focus by participant constituencies – using the business processes

KEY

### Process Artefacts

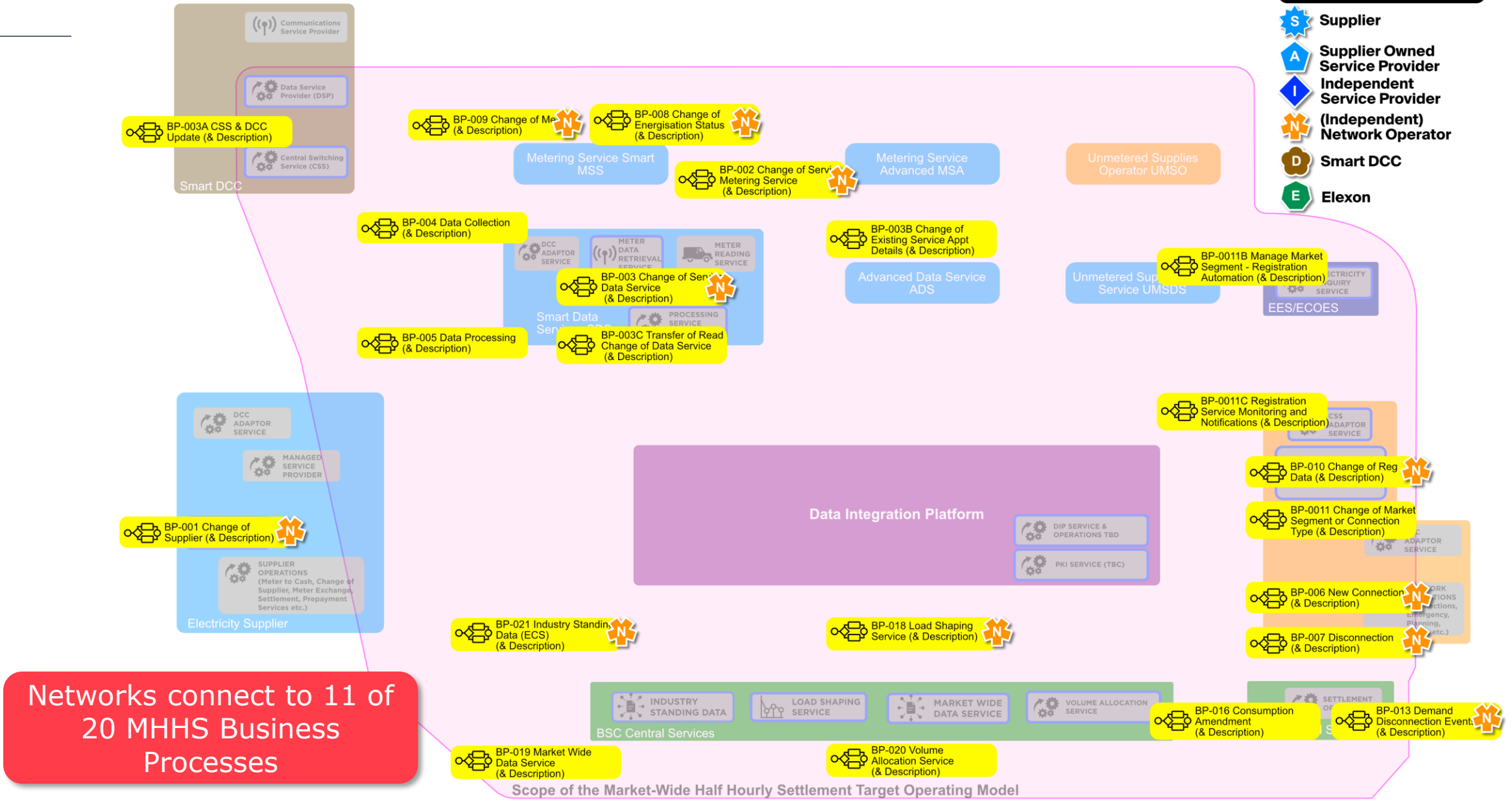
- Supplier
- Supplier Owned Service Provider
- Independent Service Provider (Independent)
- Network Operator
- Smart DCC
- Elexon



KEY

Process Artefacts

- Supplier
- Supplier Owned Service Provider
- Independent Service Provider
- (Independent) Network Operator
- Smart DCC
- Elexon



Networks connect to 11 of 20 MHHS Business Processes

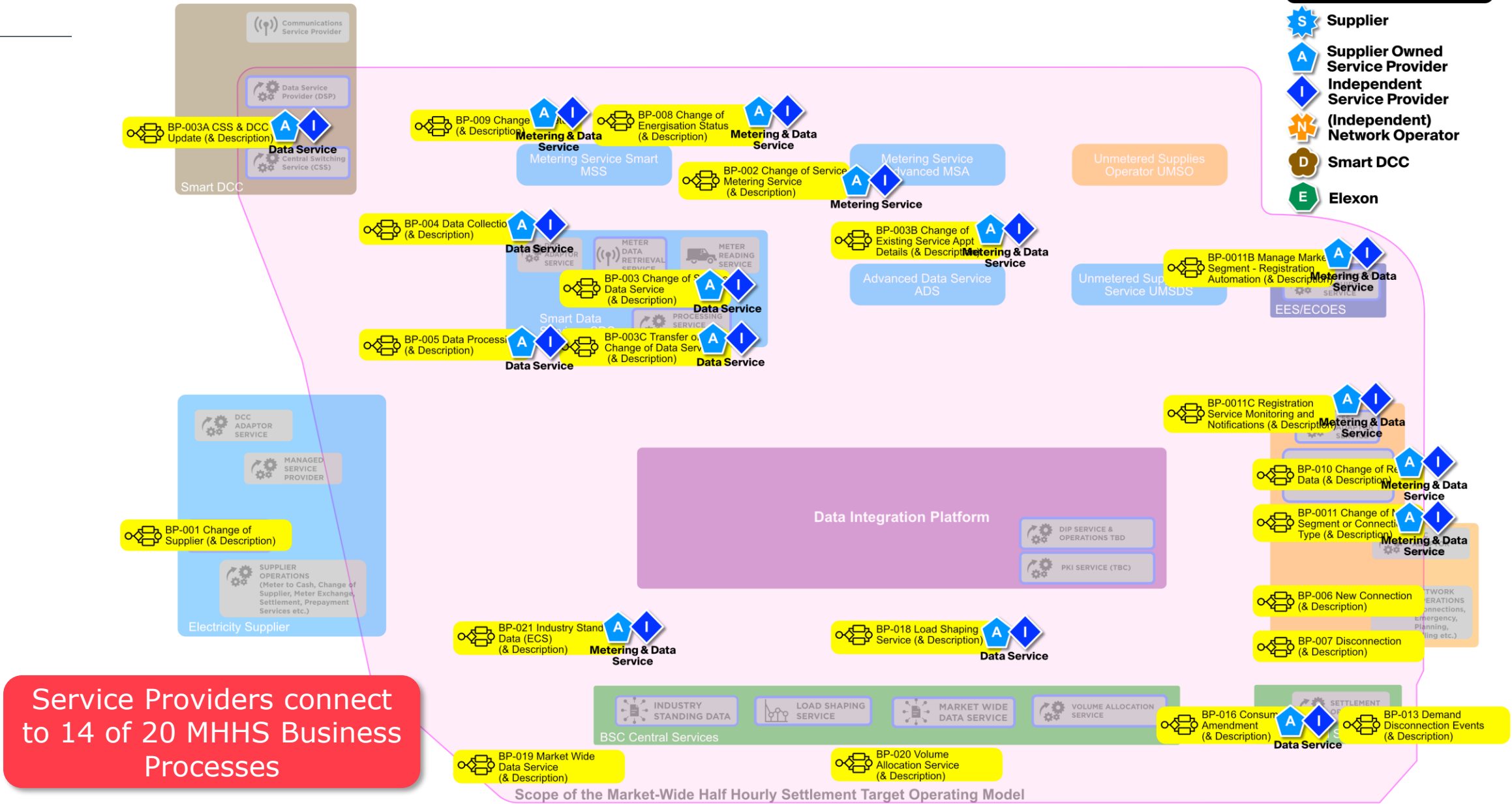
Scope of the Market-Wide Half Hourly Settlement Target Operating Model

National Grid ESO

KEY

### Process Artefacts

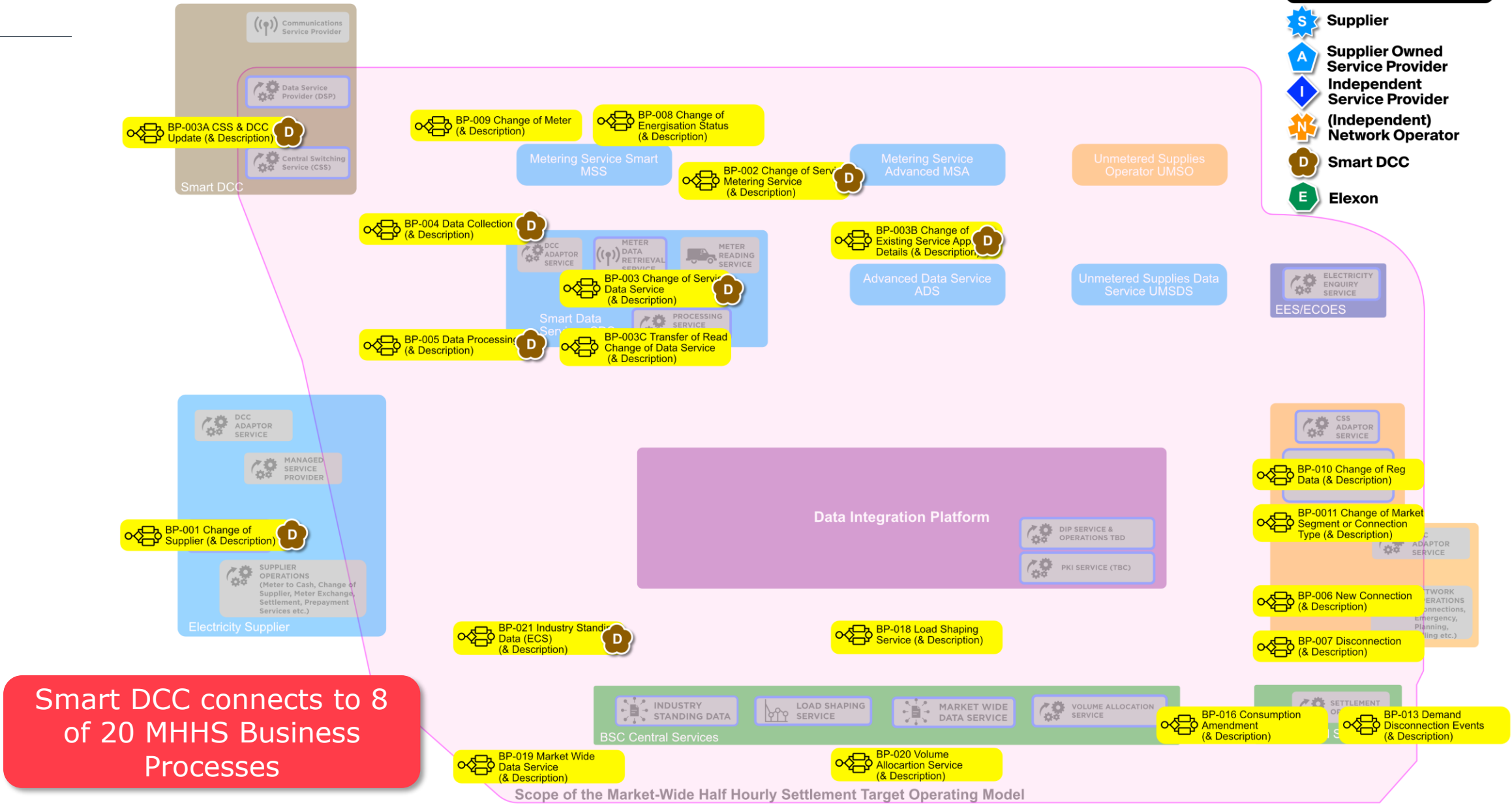
- Supplier
- Supplier Owned Service Provider
- Independent Service Provider
- (Independent) Network Operator
- Smart DCC
- Elexon



KEY

### Process Artefacts

- Supplier
- Supplier Owned Service Provider
- Independent Service Provider
- (Independent) Network Operator
- Smart DCC
- Elexon



**Smart DCC connects to 8 of 20 MHHS Business Processes**

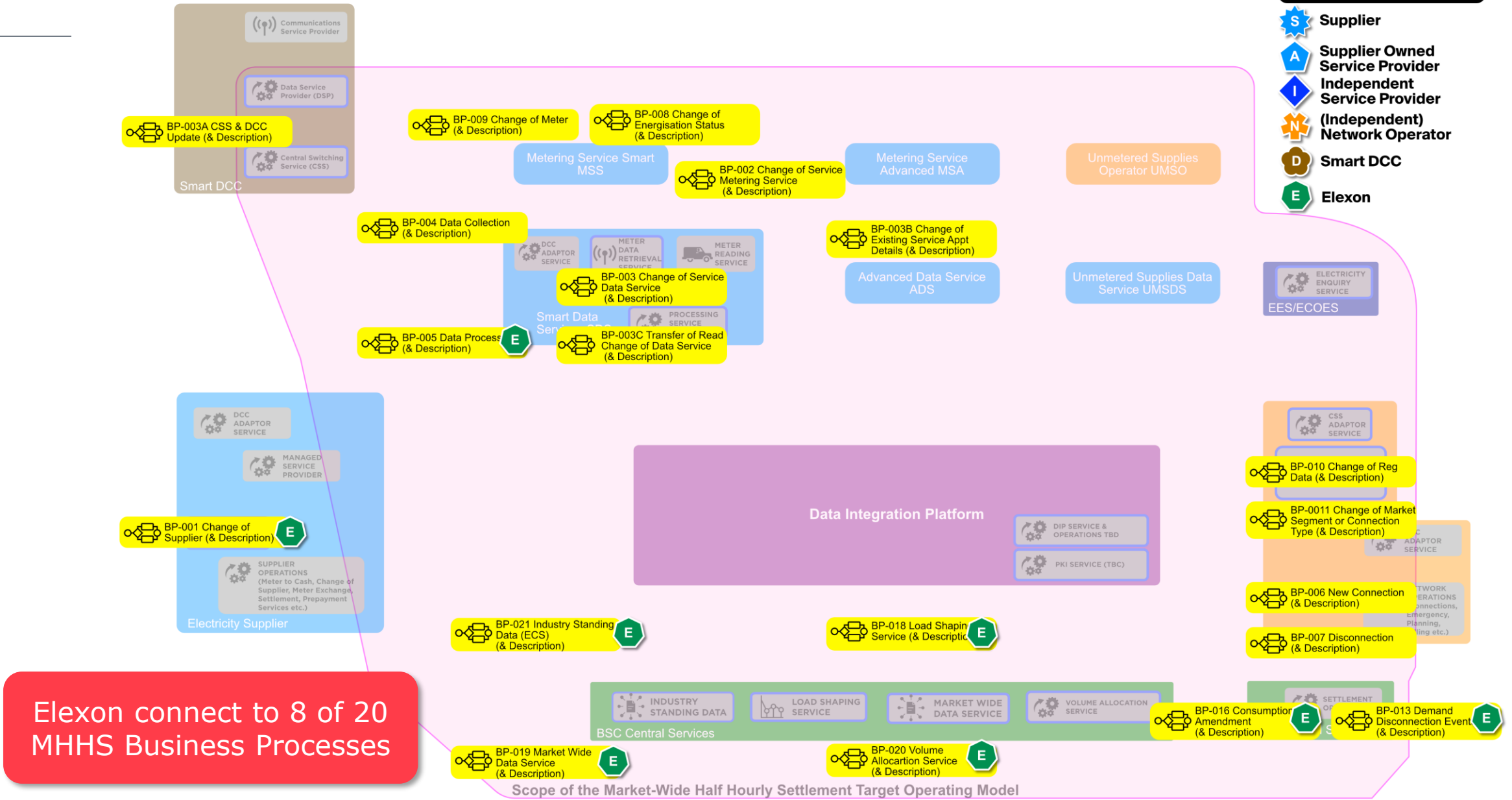
Scope of the Market-Wide Half Hourly Settlement Target Operating Model

National Grid ESO

KEY

### Process Artefacts

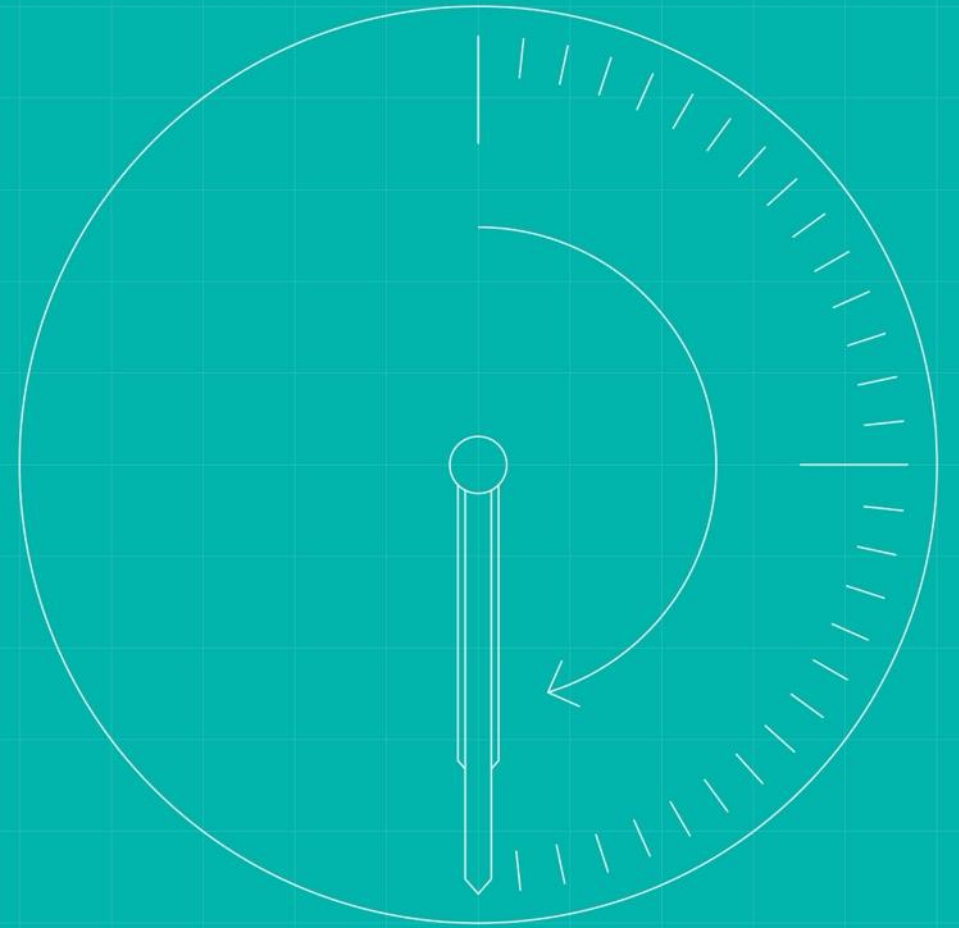
- S** Supplier
- A** Supplier Owned Service Provider
- I** Independent Service Provider
- N** (Independent) Network Operator
- D** Smart DCC
- E** Elexon



**Elexon connect to 8 of 20 MHHS Business Processes**

Scope of the Market-Wide Half Hourly Settlement Target Operating Model

# Design Review Guidance



- All Design Artefacts are available in the [Design Artefact Library](#) on the MHHS Collaboration Base or on the [Design Page](#) on the MHHS Website.
- The full set of documents incorporating the end-to-end design will be available for review from **8 August**
- This will include Artefacts which have previously been agreed by the Design Working Groups and conditionally approved by the Design Advisory Group (DAG). These documents will have tracked changes.
- A Comment Log template will be available to download directly from the Collaboration Base or the MHHS Website and can be either uploaded to the Collaboration Base or emailed directly to [Design@mhhsprogramme.co.uk](mailto:Design@mhhsprogramme.co.uk)
- The comment window officially opens on **30 August**, following the Design Playback sessions, for a 3 week period, closing on **16 September**.
- Comment Logs can be submitted at any time during the review process but will not be responded to until after the comment window has closed.



MHHS Website The Clock Sign-up

MHHS PROGRAMME Programme Collaboration Base Private group 641 members

Programme Information Design Testing Help Centre News Events Recycle bin

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### Design Artefacts

The Design Artefacts are listed below. They are grouped into four tranches and can be viewed using the links on the right.

You can filter by Status or view by Tranche by selecting the appropriate link on the right.

Please see the list below for more information about each status:

- **Draft:** in development with Sub-Working Group
- **Under Review:** released for review with Level 4 Working Group
- **Awaiting Approval:** submitted to Design Advisory Group (DAG) for approval
- **Conditionally Approved:** approved by DAG, noting open design issues and dependencies, subject to Change Control
- **Approved:** Final version approved by DAG

#### Design Playback sessions

The first session on Design Playback Introduction and Plan will take place on 2 August. This will set the scene for the remaining playback sessions, and all participants have been invited. Please email [PPC@mhhsprogramme.co.uk](mailto:PPC@mhhsprogramme.co.uk) if you haven't received an invite and would like to attend.

To view all upcoming sessions and register, please click on Design Playback Sessions found under the Quick Links. To register for a session, please click on the title of the event and it will take you to the Eventbrite page. Please also find a plan of the Playback sessions under the Quick Links.

#### Quick Links

- Comments Logs for Design Artefacts
- Design Artefact Tracker
- Design Working Group Schedule
- Design Playback Sessions
- Design Playback PCMP



## Guidance on providing feedback in the review process

- It should be noted that the Design Artefacts under review have been developed in collaboration with industry parties through the Design Working Groups and have undergone several iterations of review.
- 37 artefacts have been Conditionally Approved by the Design Advisory Group (DAG), subject to the resolution of known design issues and dependencies. A DAG Summary Report will be published detailing the resolution of these issues and dependencies, and all associated changes to the conditionally approved documents will be highlighted in the revised versions- **ONLY these elements are subject to review comments.**
- Review feedback should consider the following:
  - Does the Design meet the requirements of the agreed Target Operating Model?
  - Does the Design meet the agreed Design Principles? (see next slides)
  - Is the Design complete and sufficient to enable me to commence detailed design activities and any associated sourcing of software and services
- **All comments must be specific and constructive and must include detail of the suggested change and the impact of not making the change.**



### MHHS Design Review Comments Log

Organisation:	
Constituency:	
Date:	

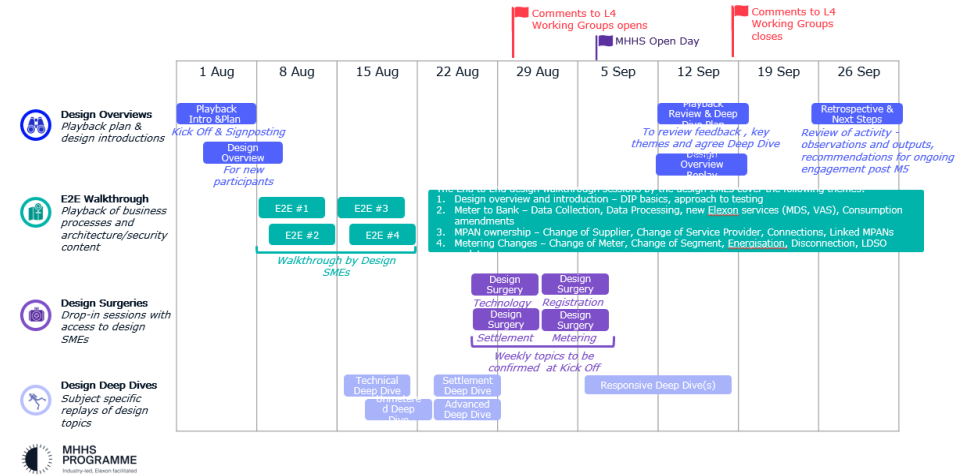
Comment ID	*Artefact Type	*Artefact Reference & Name	Interface/Report Reference	*Document Section/ Process Step	*Comment	*Suggested Change	*Impact of not making the Change	Comment Owner
	Select Artefact Type from the Drop Down List	Select the Artefact Reference from the Drop Down List	Select the Interface/Report Reference from the Drop Down List if required	Indicate the specific section of the document or the process step that the comment relates to	Succinctly state the problem identified with the design and the basis for the concern	Provide detail of the change or action required to resolve the comment	Provide a rationale for the change detailing the impact or materiality as a result of not making the recommended change	

- The Comment Log template will be available to download directly from the Collaboration Base or the MHHS Website and can be either uploaded to the Collaboration Base or emailed directly to [Design@mhhsprogramme.co.uk](mailto:Design@mhhsprogramme.co.uk)

## Support available during the review process

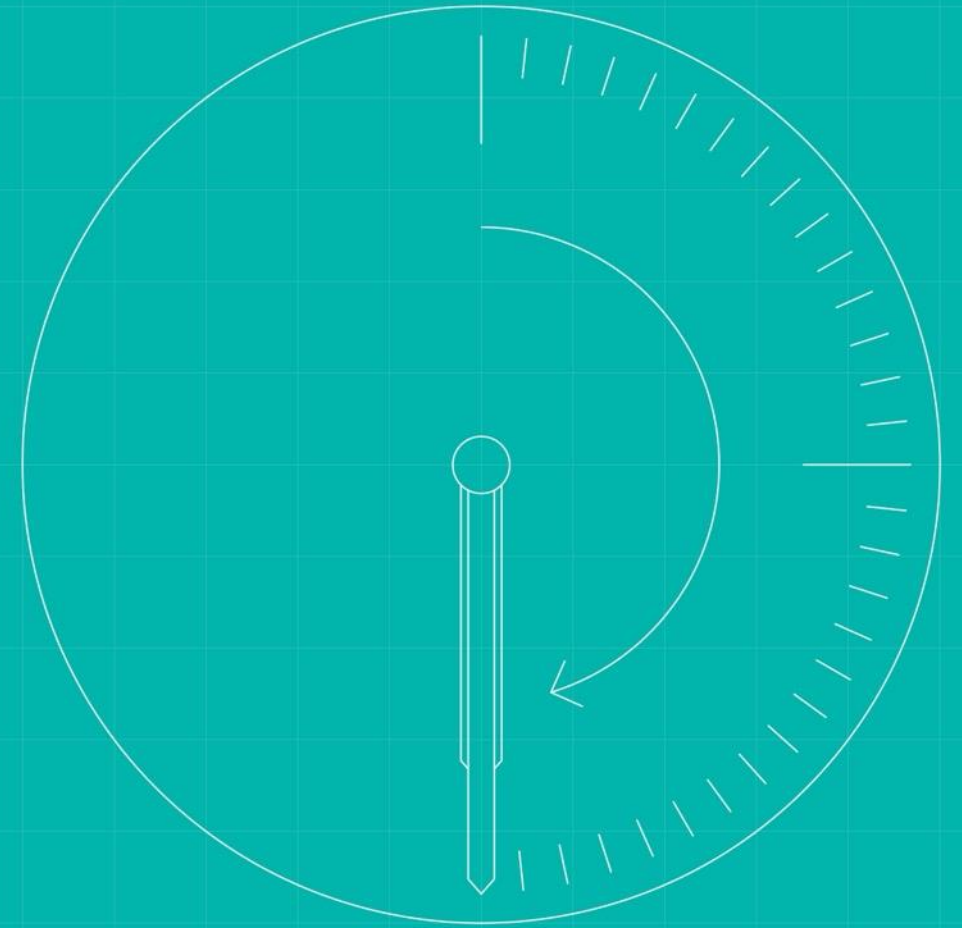
- Support will be available throughout the review process to help answer and questions and provide clarification around the design and ensure that review feedback is focussed and constructive.
- **Design Payback sessions** will be held throughout August and will include:
  - **E2E Design Walkthrough sessions** covering the areas of MPAN Ownership, Metering Changes and Meter to Bank – a list of the business processes covered in these sessions can be found later in the pack.
  - **Deep Dive sessions** covering specific areas in more detail, such as the Technical aspects of the design, Unmetered and Advanced Segment processes, and Settlement processes.
  - **Design Surgeries**- drop in sessions with Design team Subject Matter Experts available to answer any questions
- A **Clarification Log** will also be available which will provide a view of Frequently Asked Questions – this will be updated to reflect feedback through the Playback sessions and used to determine additional sessions that may be required
- **Direct support** is also available by contacting the PPC team at [ppc@mhhsprogramme.co.uk](mailto:ppc@mhhsprogramme.co.uk) or contacting the Design team at [design@mhhsprogramme.co.uk](mailto:design@mhhsprogramme.co.uk)

MHHS Design Playback Plan on a Page



For an overview of all the upcoming Design Playback events, please see the [Plan on a Page](#), and a more detailed schedule [here](#).

# Wrap Up & Slido Review





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

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**Any questions?**  
**Please join at [Slido.com](https://www.slido.com)**  
**#MHHS**

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