



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

---

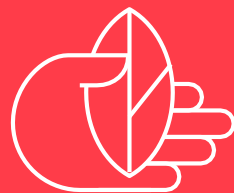
# Market-wide Half-Hourly Settlement: The Way Forward

MHHS Webinar  
22 April 2022

---

## Open Day summary

*Chris Welby*  
5 minutes



## What MHHS delivers and how it facilitates new opportunities

*Chris Welby*  
20 minutes



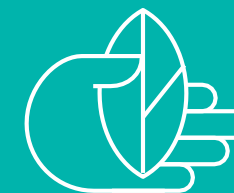
## Programme Delivery: The Way Forward

*Chris Harden & Jason Brogden*  
20 minutes



## Q&A

*Kat Hamblin*  
15 minutes





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

---

**Please ask questions throughout the day. You can join at:**

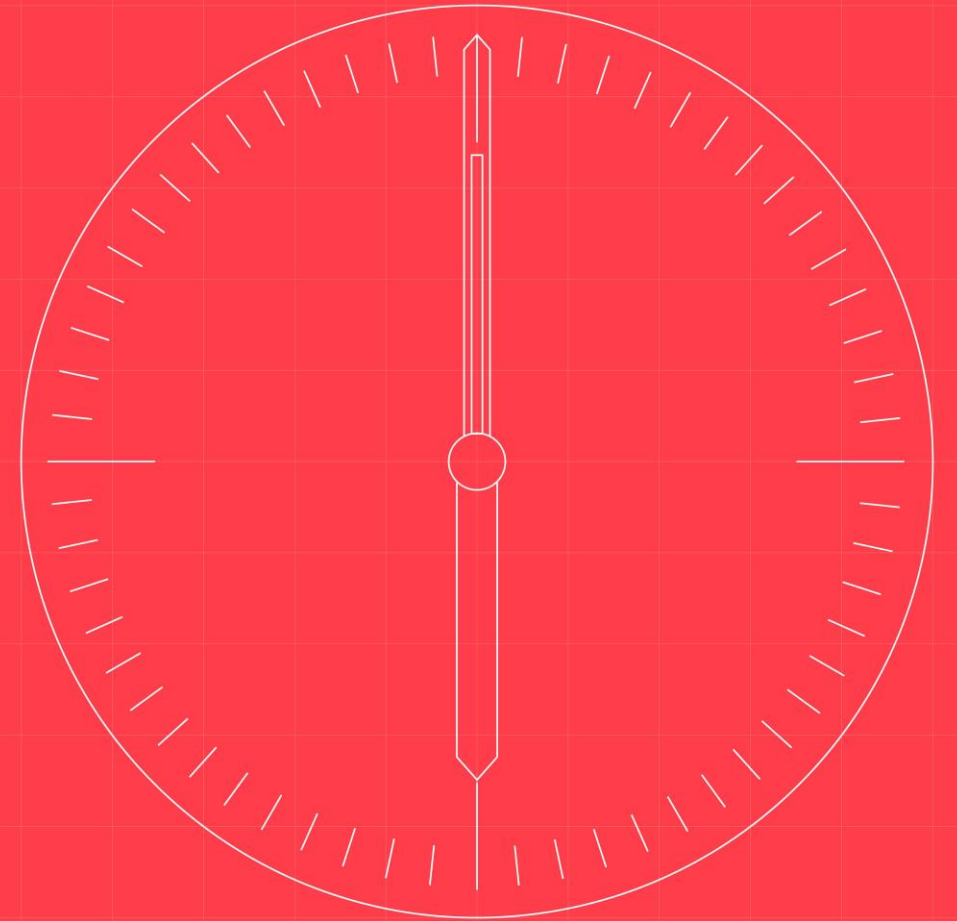
**Slido.com**

**#277 383**

---

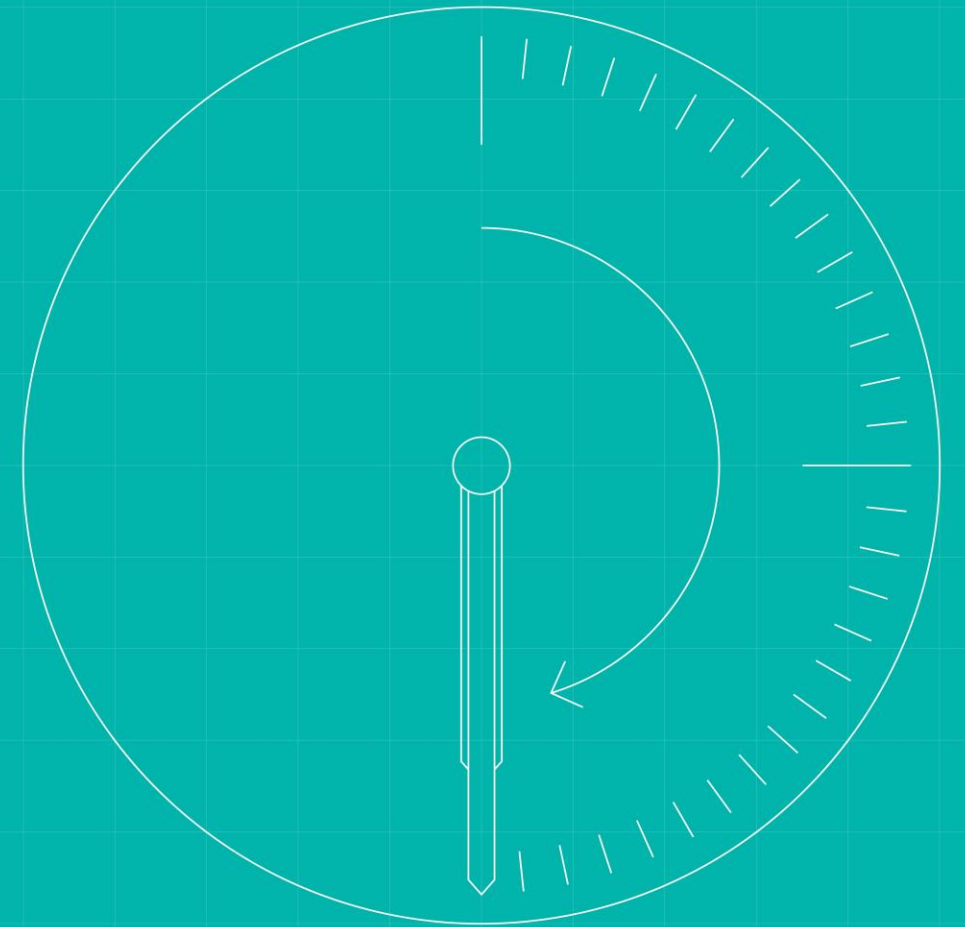
# MHHS Open Day summary

Chris Welby  
SRO, MHHS Programme



# What MHHS delivers & how it facilitates new opportunities

Chris Welby  
SRO, MHHS Programme



## The electricity market is changing



All electricity needs to be from zero carbon sources by 2035 to meet 2050 target.



Higher levels of intermittent generation requiring demand side flexibility.



Higher levels of electricity demand as more people switch to electricity for transport and heating.



In the current energy crisis customers can either use less or spend more. If MHHS was available now a third option would be available, using electricity at different times.



MHHS is an essential component to engaging customers with when they use their electricity.

## At a basic level, what are we changing?



MHHS will allow the Industry to collect on a daily basis (with the customer's consent) a customer usage on a HH by HH basis.



This means suppliers and network operators will see actual usage of customers each HH instead of the current process of profiling customers usage between meter readings.



Suppliers will need to buy power in anticipation of what their customers will use, not what “average usage” is, or face imbalance charges.



Network companies will see actual usage at a granular level.

## What opportunities does this create for suppliers?



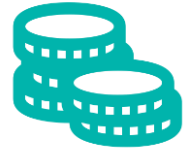
Better understanding of customer usage and allow the development of different tariffs to suit different customers.



Creates the ability to encourage dynamic load shifting for the most engaged customers, including intelligent software to remove the need for customers to physically interact.



By using bespoke tariffs increase retention and move the market away from “It’s all about price” mentality.



Offer those in fuel poverty a way to reduce bills by behavioural change.



## What opportunities does this create for networks?



Better understanding of network usage at a metering point level.



Identifying properties with export or high peak usage.



Better network investment decisions and early warning of network stress, and the causes.



Option for localised network tariffs to encourage behavioural change.

## What opportunities does this create for customers?



Allowing customers to get better value on their electricity spend by choosing when to use electricity.



Potential for AI to optimise customer usage for non time sensitive demand.



Reduced cost of meeting peak demand both in terms of generation and networks, so lower bills for everyone, not just the active engagers.

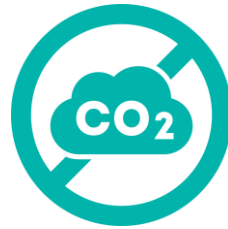


Better value for domestic export (generation or battery).

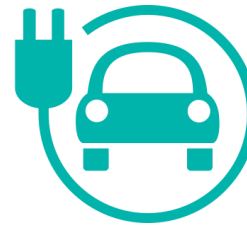
## What opportunities does this create for the environment?



Greater levels of weather dependent generation on the system.



Easier to decarbonise the electricity system.



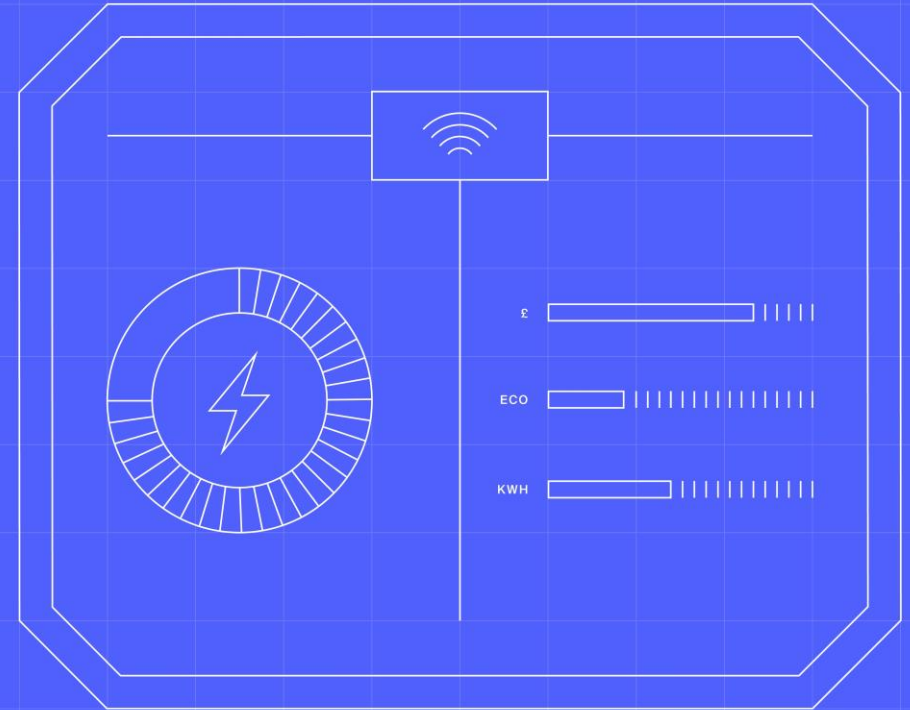
In turn, decarbonise heat and transport by switching to decarbonised electrification.



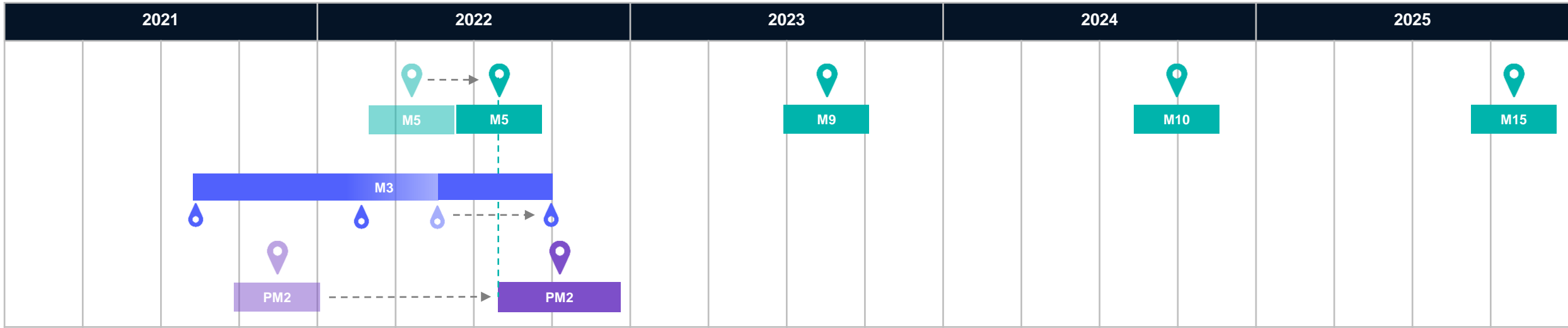
Thus making it easier for the UK to meet its net zero targets.

# Programme Delivery: The Way Forward

Chris Harden, MHHS Programme Director  
Jason Brogden, LDP Central Programme Team  
MHHS Programme






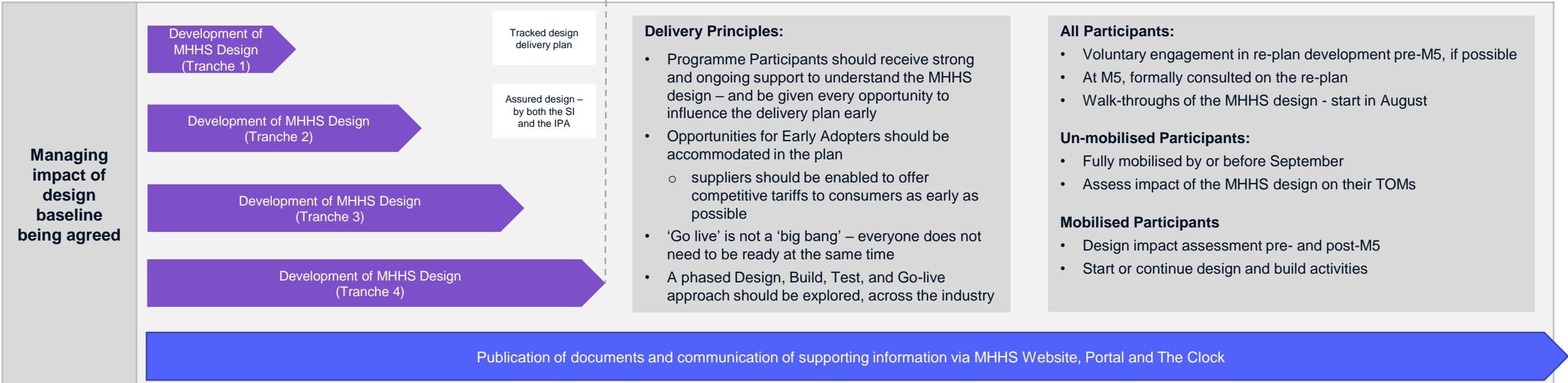
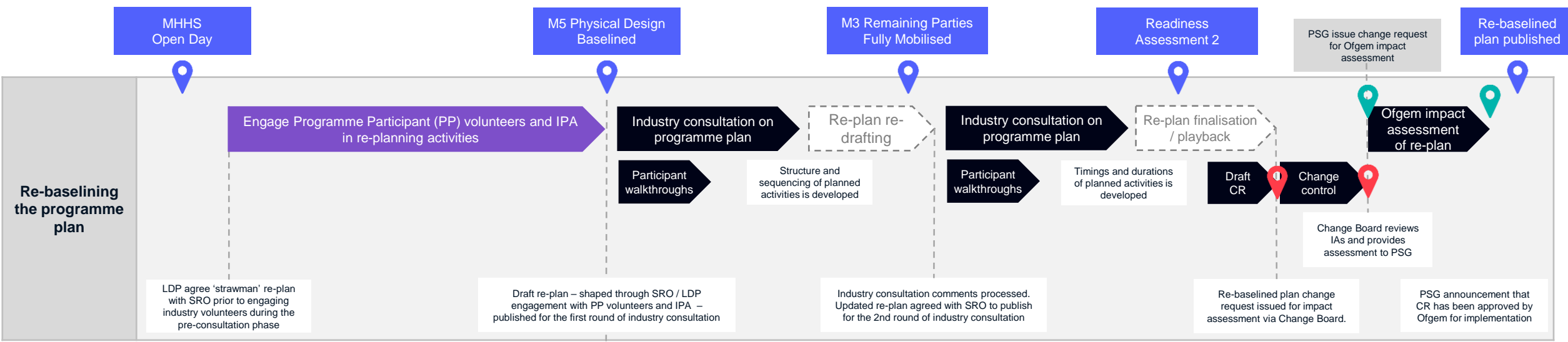
## Current Baseline MHHS Plan (published April 2021) – Key Milestones



Milestone	Milestone	Date	Description
M5	Physical baseline delivered	Originally Apr-22; proposed move to Jul-22	In order for the other parties to commence the DBT phase, a complete Physical Baseline aligning both technical and regulatory designs will be delivered.
M3	DB Start	Originally May-22; moving to end Q3 2022 for other parties	The DB (Design and Build) phase will commence in August 2021 with Elexon's Central System, followed by DCC in Feb 2022 and other parties in May 2022.
M9	System Integration Testing Start	Aug-23	System Integration Testing (SIT) will commence in August 2023. This test phase involves the central parties (Elexon, DCC, comms network providers and the registration system providers) along with a small number of agents and suppliers.
M10	Central Systems Ready for migrating MPAN's	Sep-24	Following completion of the testing phase (excluding TE18 Security Testing), the Central Systems (BSC central systems, registration, DCC and communication systems) will be ready to initiate migration of Meter Point Administration Numbers (MPANs) from the current market roles into the new market roles.
M15	Full Transition Complete	Oct-25	Completion of implementation activities including 1 year migration
PM2	Programme Rebaseline	Originally Oct-21; moving to start in Q3 2022 post-M5	PMO-led process to review the programme plan and rebaseline it (and take ownership of new plan)

# Possible approach to planning for MHHS delivery going forward

Key outcomes  Key points  Change Board  PSG





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

---

**Please send in your questions here:**

**Slido.com**

**#277 383**

---



### **The Clock**

The Clock newsletter provides participants with weekly updates and key information to support delivery of the Market-wide Half-Hourly Settlement Programme. The Clock will signpost you to events, plans, reports and documents to assist in planning, design, development, testing and delivery. Sign up at <https://www.mhhsprogramme.co.uk/contact-us/>.



### **The PPC team**

The Programme Party Coordinator (PPC) team is in place to support your mobilisation through the Programme. For any general queries, or updates on the Programme, please email [PPC@mhhsprogramme.co.uk](mailto:PPC@mhhsprogramme.co.uk)



### **The PMO team**

The Programme Management Office (PMO) is in place to support any queries relating to the Programme process, including meetings and meeting papers, documentation and deliverables. Please email [PMO@mhhsprogramme.co.uk](mailto:PMO@mhhsprogramme.co.uk).



PPC@MHHSProgramme.co.uk  
PMO@MHHSProgramme.co.uk

# Thank you