

User Forum

16 November 2022

v1

Agenda

Item	Description	Who	Time
1	🔹 Introduction: MOSL /RWG (5 mins)	Markus Lloyd and Simon Bennett	3-3.05pm
2	🔹 Introduction to Strategic Metering (5 mins)	John Davies/Steve Formoy	3.05 – 3.10pm
3	🔹 Strategic Metering Review – strategic projects (25 mins)	Martin Hall	3.10-3.35pm
4	🔹 Quick Start Projects (10 mins)	Simon Bennett	3.35- 3.45pm
5	🔹 Debate (10 min)	Simon Bennett	3.45 – 3.55pm
6	🔹 Central Cleanse Consultation update (5 min)	Matt Labrum	3.55 – 4pm
7	🔹 Change (10 mins)	Ivy Mandinyenya	4-4.10pm
8	🔹 MIF updates (20 mins)	Michelle Thompson (Amidst) Natalie Martin (Looking Glass)	4.10 – 4.30pm
9	🔹 Market Request Calendar (10 mins)	Julie Carly	4.30 – 4.40
10	🔹 Quarterly Report (10 mins)	HF Egan	4.40-4.50pm
11	Close	Simon and Markus	4.50 – 5.00pm

Introduction to Strategic Metering

John Davies

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To follow

A person wearing blue work gloves and an orange high-visibility sleeve is holding a white Sensus water meter. The meter's lid is open, revealing a digital display showing '000000000'. The meter has 'sensus' printed on the top and 'Sensus 1 GPM/1.27' on the bottom. The background is a dark, textured surface, possibly asphalt.

Strategic Projects

User Forum

Martin Hall

16th November 2022

Strategic projects

Objective – longer term direction and/or significant change that will deliver ‘accurate and timely consumption data’

Review of metering roles and responsibilities – options that will deliver benefit for the market and it’s customers

Performance incentives – *working with Market Performance Framework*

Enhancing metering technology – business case for smarter meters and future direction

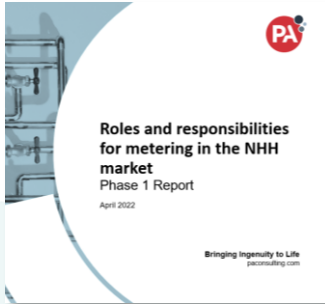
Data interoperability standard for granular data – file specification, sharing mechanism and key points of interest

A national NHH metering strategy – define a set of common principles and objectives

Metering roadmap – setting out the programme to 2025+ in collaboration with Panel

Interdependencies – demand reduction (water efficiency), REC review, settlement, services offered to customers

Strategic programme: Metering roles and responsibilities



Phase 1: June 2022
Phase 2: Sept-Dec 2022

Objectives

- To consider how changes to metering roles and responsibilities could improve market efficiency or effectiveness and address complexity created by NHH market
- To take forward agreed option(s)

Status

- Initial longlist of 12 options developed in Phase 1
- Following market feedback, six being taken forward for more detailed analysis and further engagement in Phase 2 (September to December 2022), i.e.:

1. Asset data improvement programme
2. Data platform (i.e. an organisation taking on this central role)
3. Wholesaler reads
 - 3a. All market meter reads, or
 - 3b. Defined circumstances only, or
 - 3c. Smart meters only
4. Retailer/customer installation of additional metering technology

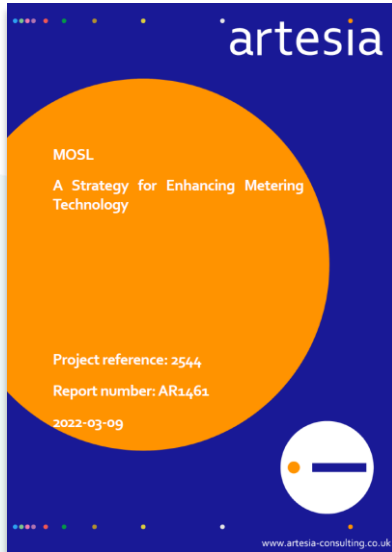
Next Phase

- Phase 2 (PA Consulting) due to report in December 2022
- Engage with Metering Committee/Panel and market to agree option(s) to pursue
- Chosen option(s) to be proposed, analysed and consulted via Code Change process

Where are we now?

- Report due December 2022
- This is a potentially 'disruptive', long-term piece of work
- End of Phase 2 (early 2023) will be critical to determine implementation plans
- Need to consider how to navigate differing views of the market to deliver benefit for customers
- Keen to understand subset's views on how to position this work

Enhancing metering technology

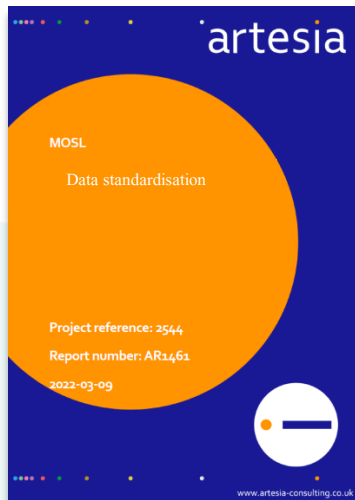


Headline research findings:

1. Strong benefit case for water companies rolling out enhanced metering technology to non-household customers
2. Water companies planning to upgrade or roll out 'smart' meters for domestic customers should include non-household customers at the same time.
3. Companies without large-scale meter investment programmes would also benefit from replacing or upgrading selected non-household customers' meters, particularly the largest customers and/or where businesses are in close proximity.
4. Common data output standards will be at least as important as particular technolog(ies)
5. Draft WRMPs to be published in November – respond to consultation

Webinar held 6 April. Report and financial model available via www.mosl.co.uk

Data standardisation and interoperability



Due to publish:
January 2023

Objectives

- To improve the efficient sharing of data among wholesalers, retailers and customers
- To consider the point at which data could be standardised and make recommendations for what that standard may be (i.e. in terms of format).
- To work with the market to implement recommendations

Status

- Research underway by Artesia Consulting

Where are we now?

- Findings due to be reported in December 2022
- Findings to be considered in relation to proposals for potential Data Platform
- Initial view from stakeholders – really supportive but keep it simple
- Should it also include standard definition for points of interest i.e. continuous flows

Minimum mandatory fields

AMI	AMR	Loggers
<ul style="list-style-type: none"> • Meter ID • SPID (service connection) • Date/time stamp • Meter Register Reading 	<ul style="list-style-type: none"> • Meter ID • SPID (service connection) • Date/time stamp • Meter Register Reading • Continuous flow alert 	<ul style="list-style-type: none"> • Meter ID • SPID (service connection) • Date/time stamp • Volume flow rate

AMI and AMR collect meter index values

AMI focus on collection of 15-min or hourly readings

AMR have opportunity to collect other calculated values every meter reading (6 months)

Loggers collect average flow between two time stamps

Developing a national strategy for NHH metering

Objectives

- To set out the principles that could underpin a national strategy for NHH metering
- To promote smarter metering through available channels, such as wholesaler business plans and retailer led initiatives
- To establish the requirements for trading parties to be able to offer and support improved services for customers and wholesaler performance commitments

Interdependent work items

- Investigate and prepare a series of principles to support a national strategy
- Consideration of requirements for larger and smaller meters separately
- Quantify benefits for customers and the market from smart metering
- Business case for smarter metering
- PR24 & WRMP support
- Roles and responsibility review relating meter reading and a data platform
- Metering technology review

How does this deliver Panel strategic priorities

Better service for **customers**

- Smart metering will significantly improve the availability of data for settlement, billing, network management and development of innovative services

Benefit for the **environment**

- Improved ability to find customer side leaks, understand network leakage and identify opportunities for water efficiency and demand management

Making the **market** better

- Given the benefits of smart metering overall costs to service will reduce

National metering strategy for non-households

What we can do

- Set out the areas where a strategy could be applied
- Define the principles that would underpin a strategy
- Understand lessons learned in Energy
- What do we mean by interoperability?
- Differentiate between smaller and larger meters
- Define performance targets
- Consider linkages to household metering
- Other

What we shouldn't do

- Prevent or limit wholesaler choice of supplier
- Mandate any particular technology solution
- Other

Next steps

- Open to suggestions....
- Set up a small working group to meet a few times to work-up an initial high level view
- Who to engage/consult?

Working Group

Arranging working group on Tuesday 22 November with:

- Rosie Rand
- Mark Doherty
- Michelle Thompson
- Richard Barton

Size band classifications

Meter size

SPID Classification	Bands (mm)	No. of meters	Meters (%)	Total Consumption (m3/year)	Consumption (%)	Average consumption (m3/year)
Small	15-20mm	1,123,082	87.3	353,380,234	27.5	311
Medium	25-50mm	152,225	11.8	702,283,266	54.6	4,335
Large	80-300mm	11,255	0.9	230,040,879	17.9	49,621

Consumption bands

SPID Classification	Bands (m3/year)	No. of meters	Meters (%)	Total Consumption (m3/year)	Consumption (%)	Average consumption (m3/year)
Small	0 – 500	1,159,714	82.79	103,697,050	9.7	89
Medium	500 – 50,000	239,382	17.09	580,625,173	54.4	2,426
Large	> 50,000	1,758	0.13	383,857,153	35.9	218,349

NHH metering roadmap

	Completed	Current work 2022/23	Future work 2023-25	KPIs
Developing a national strategy for NHH metering	<ul style="list-style-type: none"> Business case for enhanced metering technology Templates and data to support trading parties' PR24 submissions 	<ul style="list-style-type: none"> Requirements and principles prepared for a national strategy Support provided to PR24 – Ofwat consultation response & Defra consultation response 	<ul style="list-style-type: none"> National metering strategy for NHH – Version 1 Review wholesaler plans for enhanced metering in PR24 	<ul style="list-style-type: none"> % increase in smarter metering Reduced customer complaints
Improving meter reading processes	<ul style="list-style-type: none"> Roles and responsibilities: 12 initial options developed 12 QSPs to improved meter reading processes: code changes and guidance documents 	<ul style="list-style-type: none"> R&R – 6 options developed and selected options readied change QSPs continued MIF Project Looking Glass – long unread meters and MIF Project NoFlow – broken meters MIF Project AMIDST – monthly smart meter read entered direct to CMOS - interim solution 	<ul style="list-style-type: none"> Implement change process for R&R outputs Implement new QSPs, complete code changes and promote guidance documents National Meter age and accuracy view 	<ul style="list-style-type: none"> Increase in timely and accurate meter reads to market Reduction in long unread meters (LUMs) % of total settlement based on actual reads R3 Level of read rejections
Making granular consumption data available to all	<ul style="list-style-type: none"> Data sharing legal agreement prepared and signed 30k hourly records shared with MOSL 	<ul style="list-style-type: none"> Data interoperability standard Wholesalers signed data sharing agreement Wholesaler provide granular consumption data to support WEFF MIF projects 	<ul style="list-style-type: none"> Promote data sharing new process R&R - Develop requirement and business case for a data sharing platform Implement the data sharing platform 	<ul style="list-style-type: none"> Proportion of wholesalers sharing data (TBC) Proportion of retailers accessing shared data (TBC)

How this delivers Panel's strategic priorities

Better service for customers

- Bills based on actual readings
- Smart metering will significantly improve the availability of data for settlement, billing, network management and development of innovative services

Benefit for the environment

- Improved ability to find customer-side leaks, understand network leakage and identify opportunities for water efficiency and demand management
- Smart metering reduces the carbon impact of cyclic meter reading

Making the market better

- QSPs improved market processes
- Smart metering delivers reduced costs to serve

A hand is holding a white rectangular card in the center of the frame. The card has the words "THANK YOU!" printed on it in a bold, black, sans-serif font. The background is a soft, out-of-focus green, suggesting an outdoor setting with foliage. The lighting is bright and even, highlighting the card and the hand.

**THANK
YOU!**

Quick Start Projects

Simon Bennett

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To follow

Debate

Simon Bennett

v1

Central Cleanse Consultation Update

Matt Labrum

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Central Data Cleanse consultation:
21 November – 2 December



Key findings | Sagacity



Market Eligibility

1 **50k residential premises** and **35k demolished premises** in the non-household market



Premise Accuracy

2 **870k SPIDs** are missing a **Unique Property Reference Number (UPRN)** (a further **610k** have issues)
1.34M SPIDs are missing a **Valuation Office Agency Reference Number (VOA)** (a further **705k** have issues)



Address Accuracy

3 Only **58 per cent** of CMOS supply point **addresses confidently match** external data sources. 16 per cent (**415k**) do not match to any external data set



Trading Parties

4 **Data quality issues are widespread.** The top nine wholesalers (based on SPID volume) all had significant issues, with best performer achieving 70 per cent and the worst 58 per cent Data Quality score



Occupancy Status

5 **459k vacant SPIDs** in CMOS, but 45 per cent of these (**209k SPIDs**) show signs of active business



Customer Accuracy

6 **34 per cent** of SPIDs (**879k**) have no discernible customer name and **343k (20 per cent)** were deemed incorrect. A further **481k** require further validation.

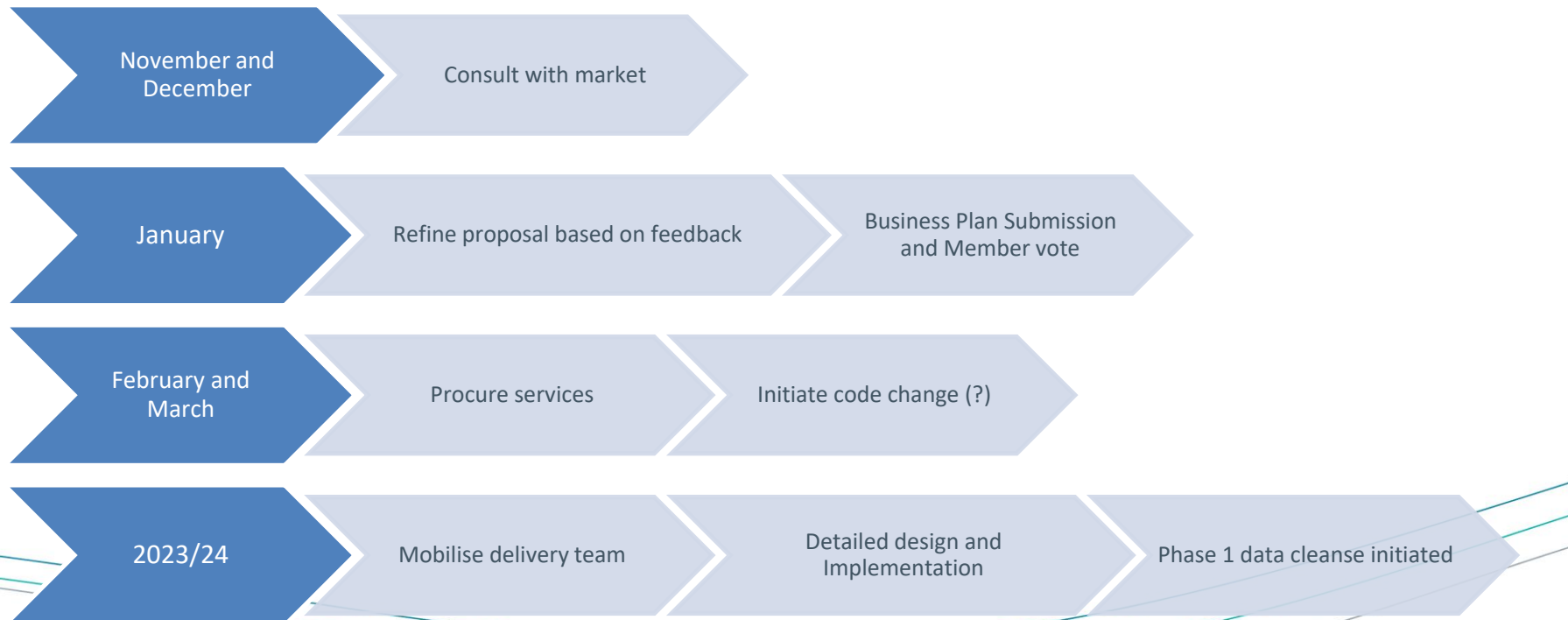
Central Cleanse Consultation summary

- ◆ **Background:** Why a central cleanse service - Previous publications and market reviews that have highlighted data quality issues and market frictions
- ◆ **Project Transformation in Data Enrichment (TIDE):** Outline of the recent work with Sagacity, including the data assessment findings
- ◆ **The benefits case and cost of service:** Provisional benefits and annual service costs
- ◆ **Proposed phasing:** Recommended approach to cleanse.
- ◆ **High-level solution**
- ◆ **Funding model propositions:** Recommending funding option
- ◆ **Next Steps.**

Proposed central cleanse consultation questions

1. Do you agree that a centralised data improvement service would benefit customers and market participants?
2. Have we captured all material benefits?
3. Do you use any third-party services/products to improve your customer and/or address data quality?
What are you using those services for?
4. Do you agree with the proposed scope and phasing?
5. Do you agree with the proposed funding model?

Next steps and indicative timeline



Central Cleanse Consultation:
21 November – 2 December

Please submit responses via email to
matt.labrum@mosl.co.uk.



MOSL Change Programme

Ivy Mandinyenya

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Upcoming consultations

Reference	Title	Summary	Forecast dates of consultation
PIP103	Change process improvement	Working on the Strategic Panel's mandate to create a flexible and responsive code mechanism that prioritises the right outcomes ('Get the Basics Right'), the Code Change Committee is proposing ways to revamp the code change process and will be seeking the market's feedback on the new code change process.	Early Dec 2022 to early Jan 2023
CPM050	Data Cleanse Funding	This change proposes the creation of a charging framework to charge Wholesalers for the initial phase of the data cleanse project. The use of this data cleanse charging framework will be dependent on approval of the MOSL business plan by its members.	11 – 25 January 2023

Change Proposals/Reports to table at CCC in next 3 months*

Reference	Title	Summary	Gate	CCC Date
CPM033	Improvements to the DSRR process	Sought to facilitate compliance with the GDPR and Data Protection Act 2018 in relation to Data Subject Rights Requests, improving the process for the handling and recording of such requests.	6	23/11/2022
CPW108	Agreement to Unplanned Settlement Runs	Clarified that the agreement between Retailer and Wholesaler that is required before an Unplanned Settlement Run should not be unreasonably delayed or withheld.	6	23/11/2022
PIP081	Interim Supply: Customer Data Provisions	Seeks to maintain customer data in the event of Retailer failure	1	13/12/2022
PIP068	Vacancy Change Application	Seeking to undertake a review of the current vacancy change application process between Retailers and Wholesaler. It will look at implementing the process into the bilats hub, which will increase the flexibility of the process. There is not much of a solution yet it is something we are looking. The change has come about as one of the recommendations made by PWC as part of their vacancy review	1	08/02/2023

Awaiting Ofwat Decision*

Reference	Title	CCC Recommendation	Decision Due	Implementation Date
CPM046 & CPW133	Approved Codes of Practice	23/08/2022	11/11/2022	29/11/2022
CPW129	Review of Post RF Materiality Threshold	26/04/2022	17/11/2022	29/11/2022
CPW128	Updating Volume Validation Threshold	29/03/2022	17/11/2022	12/05/2023
CPM049	Mac Housekeeping	25/10/2022	08/04/2023	12/05/2023

*As of 09/11/2022

Change Proposals rejected by Ofwat *

Reference	Title	Gate 3 - Panel Recommendation	Authority Decision Date
CPM048/ CPW131	Suspension of certain MPS charges	26/05/2022	19/10/2022

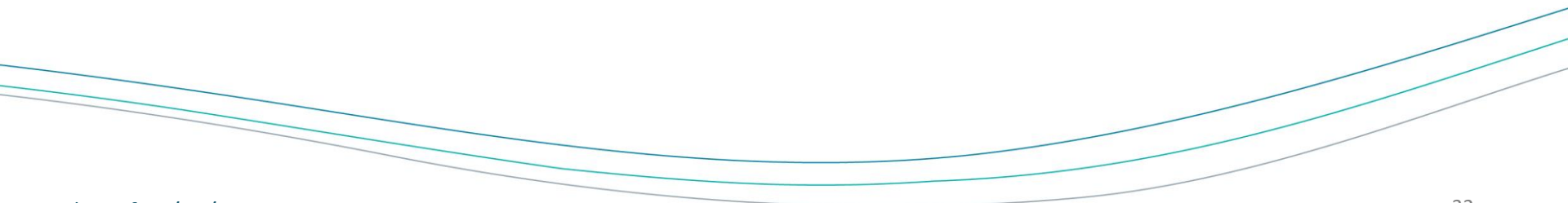
Awaiting Implementation*

Reference	Title	Central System Impact	Date of Release
CPW085	Premises Vacant transaction link to DPID	Y	02/12/2022
CPW120	Final Read Where No Visual Read Available	Y	12/05/2023
CPW130	Transfer Read Estimate Reason	Y	12/05/2023
CPW070g	Bilaterals Phase 6	Y	29/11/2022
CPW135	WRC Housekeeping	N	29/11/2022

*As of 09/11/2022

Implementations*

No new implementations in September



*As of 09/11/2022

MIF Updates- Amidst and Looking Glass

Michelle Thompson (Amidst)

Natalie Martin (Looking Glass)

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Project Looking Glass Update & Conclusions

16.11.2022 – Natalie Martin, Project Lead

Project Looking Glass

✓ Mission and purpose

- By visiting a cross-section of external Long Unread Meters (LUMs) across England, to provide MOSL with accurate data on the root causes of LUMs to establish the level of accuracy currently in the market
- This knowledge could help trading parties better understand why meters are not being read across the country and what they can do about it

✓ Sample methodology and approach

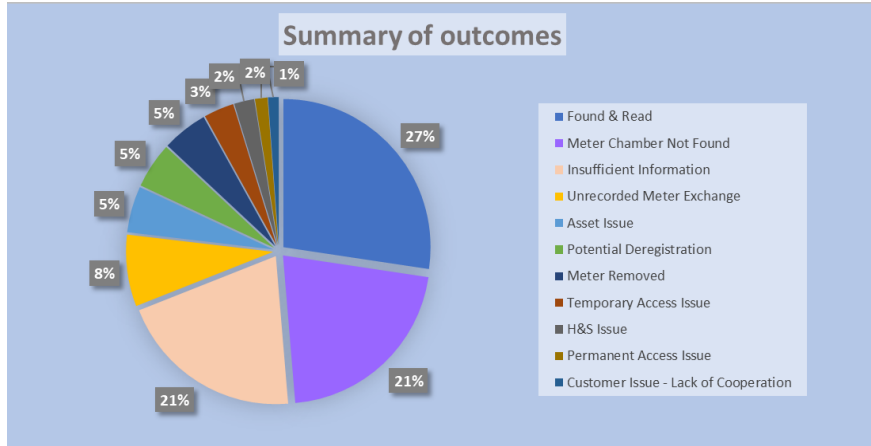
- Target of 2,400 site visits to be attempted across a sample of LUMs with external meters
- The 2,400 site visits are allocated to each wholesale area in proportion to the total LUM population
- A random selection of LUMs within each wholesale area, up to the allocated number, will be visited

✓ Duration of the project

- End of February 2022 – September 2022



Findings – Overall Figures



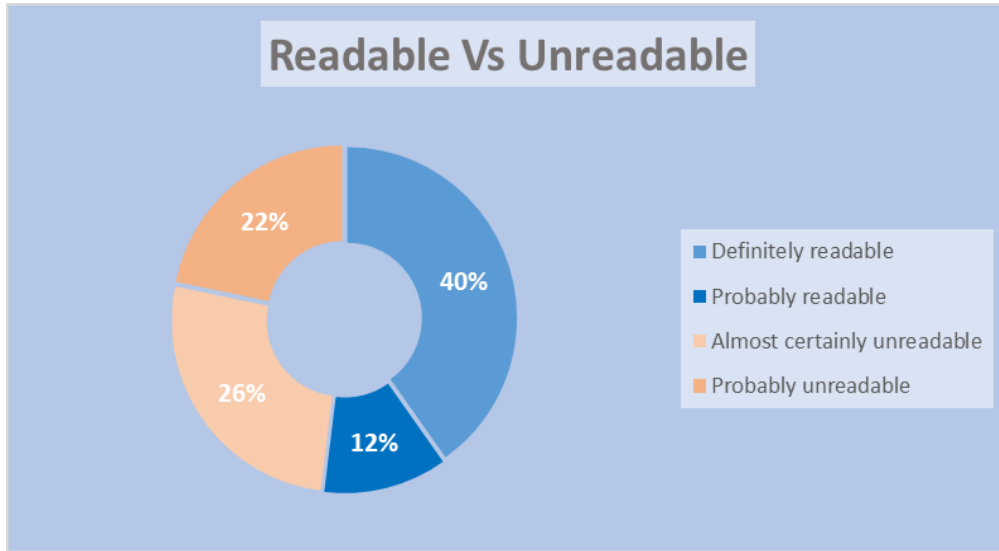
1. DR = Definitely Readable
2. PR = Probably Readable
3. PU = Probably Unreadable
4. ACU = Almost Certainly Unreadable

Outcome Category	Readable or Unreadable?	Number of LUMs	%age of LUMs
Found and Read	DR	493	27%
• Leading Zero Serial Number Error – 85 (17%)			
Meter Chamber Not Found	ACU	384	21%
Insufficient Information	PU	367	20%
Unrecorded Meter Exchange	DR	141	8%
• New Meter Tap Tested - 74 (52%)			
• New Meter Not Tap Tested – 67 (48%)			
Asset Issue	PR	91	5%
Potential Deregistration	ACU	90	5%
Meter Removed (chamber located)	DR	90	5%
Temporary Access Issue	PR	60	3%
H&S Issue	PR	40	2%
Permanent Access Issue	PU	25	1%
Customer Issue – Lack of Cooperation	PR	21	1%
Grand Total		1,802	100%

✓ 27% Found and Read

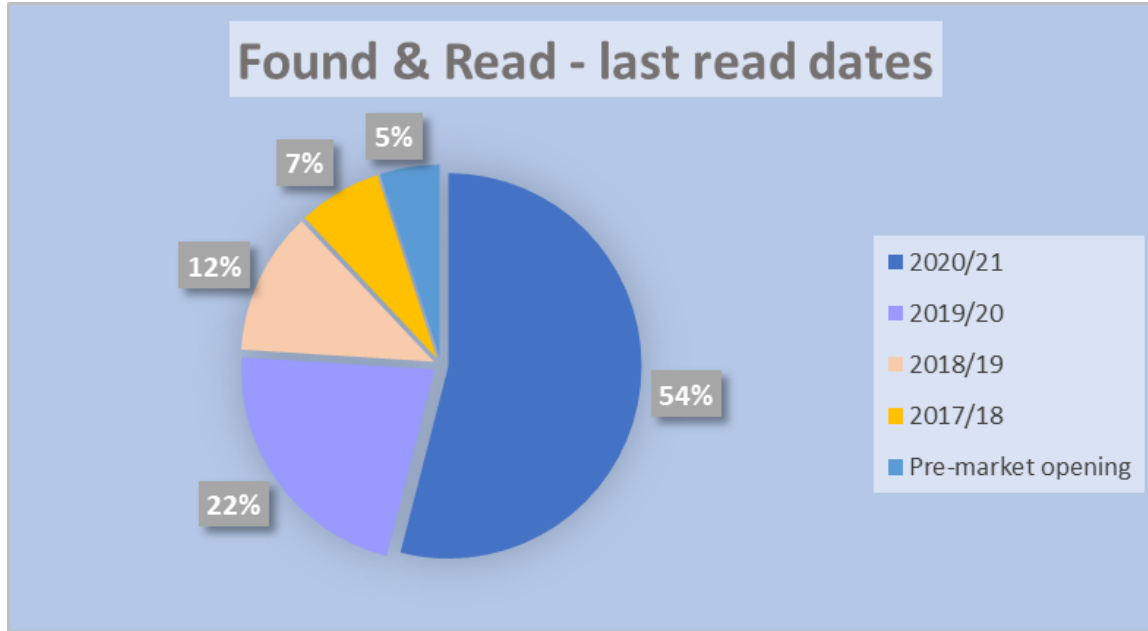
✓ Customer or access related issues only accounted for 6% collectively

Findings – Readable vs Unreadable



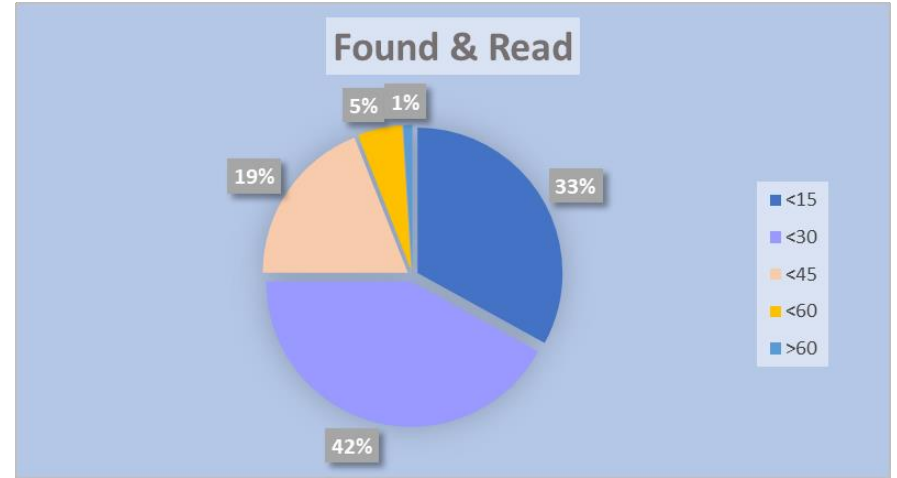
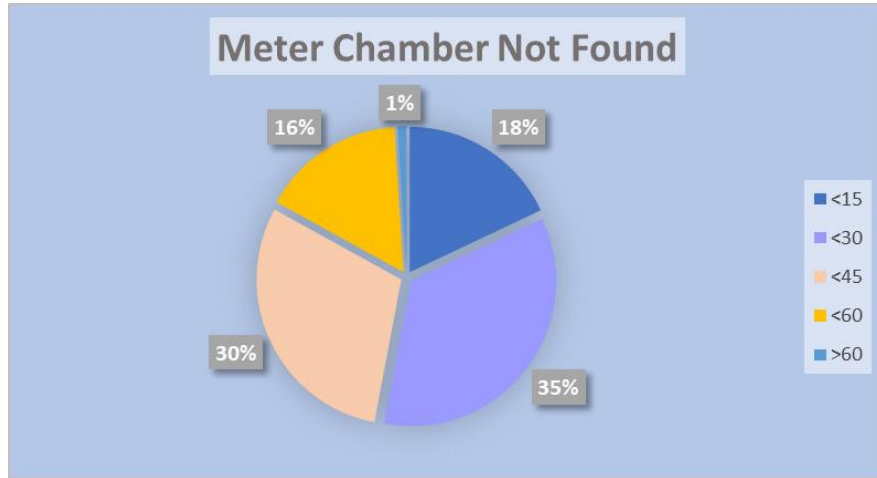
- ✓ 52% of LUMs are readable, given a reasonable amount of time, resources and planning
- ✓ Highly confident that at least 40% of LUMs are resolvable via existing market mechanisms

Findings – Legacy vs LUM



✓ What is the best course of action to resolve the remaining 'legacy' LUMs?

Findings – Time on Site



- ✓ 42% of Found and Reads took between 15 – 30 minutes to locate
- ✓ Length of time on site linked with CMOS data quality
- ✓ How does this compare to mass meter reading providers?

Findings – Hard to Read & Land Use

Primary Hard to Read Reason	Number of LUMs	%age of Total	%age of 191 Hard to Read
Not hard to read	1,321	73%	N/A
Not visited	290	16%	N/A
Required special access or arrangements	68	4%	36%
2 Man Lift	51	3%	27%
Pit Deeper than 1.2m	26	1%	14%
Permanently Flooded	21	1%	11%
Too High or Confined Space	9	0.5%	5%
Barriers and Signage Required	6	0.3%	3%
Read Would Impact Traffic	5	0.3%	2.5%
Situated in a 50mph Road	3	0.2%	1.5%
Road Closure Required	2	0.1%	1%
Grand Total	1,802	100%	100%

- ✓ Land Use should be considered as a market data item that is then used to determine the appropriate allocation of mandated remote meter reading technology

- ✓ Meters exhibiting Hard to Read characteristics are not a significant factor in driving the level of LUMs in the market

Land Use	Number of LUMs	%age of LUMs	Forecast F&R	Actual F&R	Actual v Forecast	Forecast Not Found	Actual Not Found	Actual v Forecast
Agricultural	282	19%	92	61	66%	73	123	170%
Industrial	338	22%	110	120	109%	87	85	98%
Infrastructure	33	2%	11	7	65%	8	8	94%
Residential	358	24%	117	99	85%	92	85	92%
Secure Entry	19	1%	6	6	97%	5	7	143%
Urban High Street	407	27%	133	173	130%	105	61	58%
Urban Retail Park	75	5%	24	27	110%	19	20	104%
Total	1,512	100%	493	493		389	389	
Not Visited	290		0	0		0		
Overall Total	1,802		493	493		389		

Findings - CMOS Data Quality

- ✓ Meter Size
- ✓ Serial Number
- ✓ Location Code
- ✓ Location Notes
- ✓ Address
- ✓ XYs
- ✓ Occupancy Status

14 x "FPATH"
11 x "VERGE"
3 x "*" "
2 x "CHAMBER"



OccuTrace

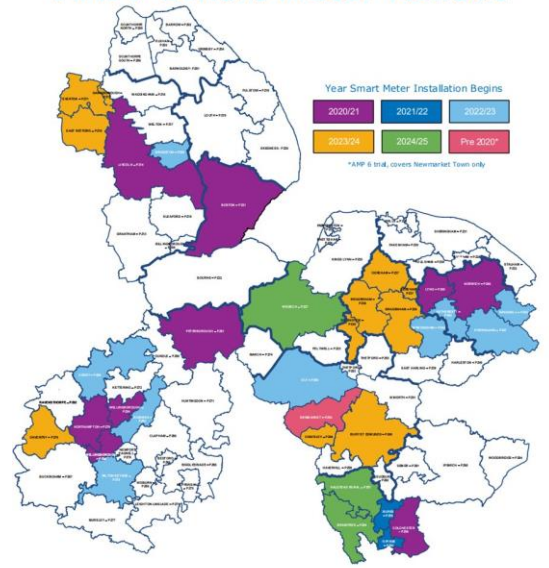
Project AMIDST

AMI Data Strategic Transfer – Update November 2022
User Forum

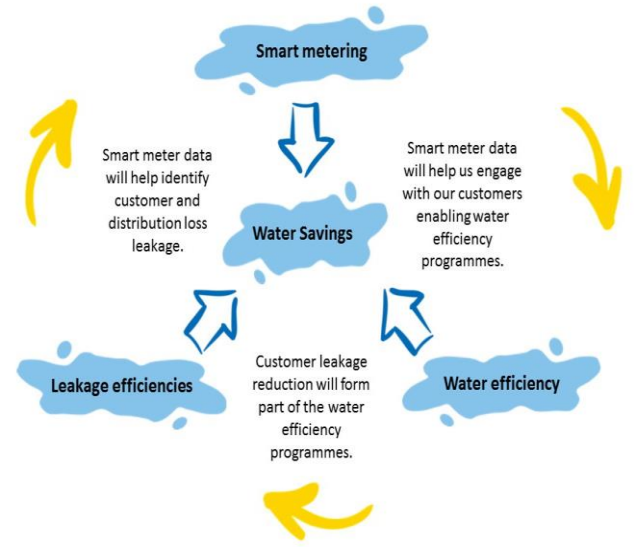


Background – Smart Metering Programme

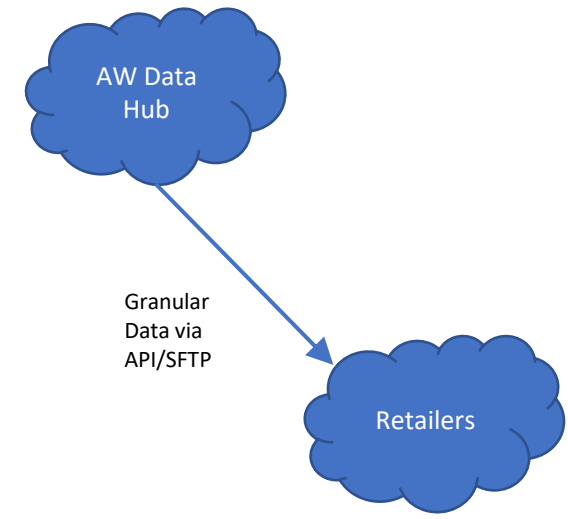
AMP7 Smart Meter Rollout



Why Smart Metering

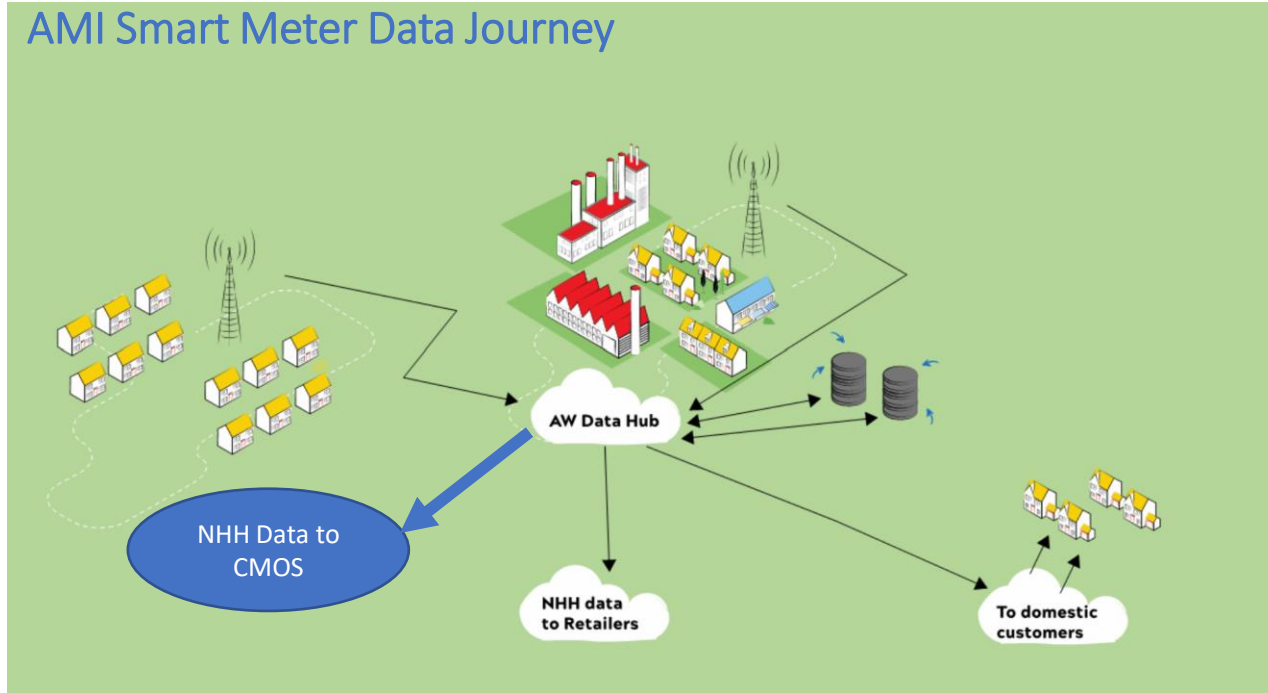


Retailer Data Exchange (RDE)



Project AMIDST (AMI Data Strategic Transfer)

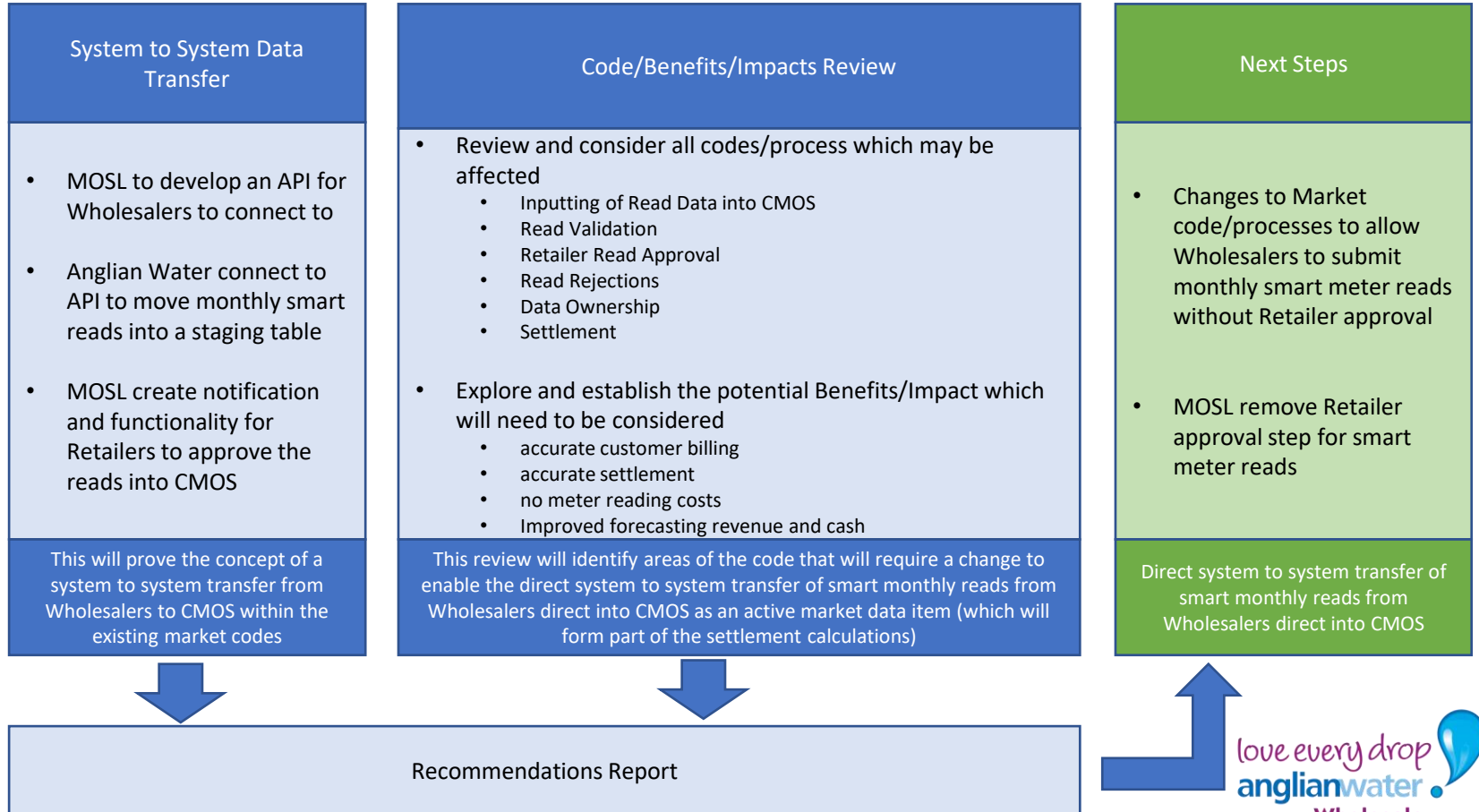
AMI Smart Meter Data Journey



A pathfinder to investigate feasibility and benefits of sharing Monthly Meter Reads from wholesalers (Anglian Water) direct to CMOS

A joint project, a collaboration between Anglian Water and MOSL.

Project AMIDST (AMI Data Strategic Transfer)



Project AMIDST (AMI Data Strategic Transfer) Conclusion Phase 1



The findings of the project were that a successful system-to-system AMI smart meter read data transfer was developed using an MVI API solution. This has been tested based on a sample of 1,000 smart meters in the AWS region and has potential for all Wholesalers who implement a Smart Metering Programme to provide monthly AMI meter reads into CMOS.

Project AMIDST (AMI Data Strategic Transfer) Conclusion



In terms of the enduring solution (submission without Retailer approval) areas impacted on Market Codes have been identified with proposed recommendations.

Inputting of Read Data into CMOS

Read Validation

Retailer Read Approval

Read Rejections

Read Approval

Minimum Visual Read Frequencies

However, it has also highlighted there is more work required and this is dependent on key work and decisions from the Metering Committee roles and responsibilities review.

Project AMIDST (AMI Data Strategic Transfer)

Next Steps

Based on our current understanding of meter read ownership and CMOS functionality these are the next steps identified.

1. AWS to present the findings of this work to various forums such as the Metering Committee, Strategic Panel to seek agreement to proceed, resulting in a webinar to Market Stakeholders.
2. Given that any fully developed solution may be several years away, in the interim promote the solution (MVI-API to automatically transfer reading (as a cyclic read) to CMOS and for retailers to approve using the T105-R process) built for project AMIDST to those wholesalers installing smart meters. Before implementing this
 - a. MOSL should review and resolve any issues that this would create, such as capacity limits.
 - b. Further testing with a number of Retailers to provide confidence in the API solution and allow them to understand how to integrate it within their systems and processes.
3. AWS and MOSL to monitor the accuracy of settlement from monthly AMI meter reads versus historical, for sample set of AMI meters to establish the benefits and the results of the Roles and Responsibilities review AWS or MOSL to sponsor a Code Change proposal.

Thank you 
for listening

Market Request Calendar - demo

User Forum

November 2022

Why?

- ◆ Feedback from trading parties received via engagement meetings and through the Annual Trading Party survey, highlighted frustration with the number of market requests received across the year without any clear planning or impact to the end user.
- ◆ This feedback included third party consultations such as Ofwat and CCW, recognising MOSL does not have authority over the timing of these requests, but that they must be consider when issuing its own requests to the market.

Market Request principles and objectives:

- ◆ Requests will be visible a **minimum** of one month before start date
- ◆ Provide transparency and longer-term visibility of market requests to trading party's across MOSL and our stakeholders
- ◆ The 'Live' calendar can be found on MOSL's website under 'News and Events'
- ◆ Guidance documents are located on the market request calendar page alongside the principles for the process

Market Requests

About



Origin

Search

CCW

MOSL

Ofwat

Strategic Panel and Committees

Target Audience

Search

Retailers

Retailers, Wholesalers

Type

Search

Consultation

Surveys

Engagement Start

2022

2023

Current Requests

Status Completed Live Scheduled To Be Confirmed

CPW129 'Review of Post RF Materiality Thres...

CPM048 & CPW131 'Suspending Certain MPS...

Business Plan Consultation

GDPR Audit

Bilaterals Phase 3 Assurance Checkpoint Surv...

MIF Bidding Window Open

Annual Trading Party Survey

Annual General Meeting - Approval of Accounts

Membership Review Consultation

Mid Year Survey

SMR - Enhanced Technology - Customer and ...

PIP068 - Vacancy Change Application

Request ID	Request Title	Status	Start Date	End Date
CPW129	'Review of Post RF Materiality Thres...	Completed	Jul 2022	Aug 2022
CPM048 & CPW131	'Suspending Certain MPS...	Completed	Aug 2022	Sep 2022
Business Plan	Business Plan Consultation	Completed	Aug 2022	Sep 2022
GDPR	GDPR Audit	Completed	Sep 2022	Oct 2022
Bilaterals	Bilaterals Phase 3 Assurance Checkpoint Surv...	Completed	Oct 2022	Nov 2022
MIF	MIF Bidding Window Open	Completed	Nov 2022	Dec 2022
Annual Trading	Annual Trading Party Survey	Completed	Dec 2022	Jan 2023
Annual General Meeting	Annual General Meeting - Approval of Accounts	Completed	Jan 2023	Feb 2023
Membership Review	Membership Review Consultation	Completed	Feb 2023	Mar 2023
Mid Year Survey	Mid Year Survey	Live	Oct 2022	Nov 2022
SMR - Enhanced Technology	SMR - Enhanced Technology - Customer and ...	Scheduled	Jan 2023	Feb 2023
PIP068	PIP068 - Vacancy Change Application	Scheduled	Feb 2023	Mar 2023

Quarterly Report

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Close

Simon Bennett

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