

Design Advisory Group #25 14 June 2023

Version 1.1

MHHS-DEL1302

Agenda

#	Item	Objective	Туре	Lead	Time	Page
1	Welcome			Chair	10:00-10:05 <i>5 mins</i>	1
2	Minutes and Actions	Approval of minutes and review of actions	Decision	Secretariat	10:05-10:30 <i>25 mins</i>	4
3	Transition Design	Decision on approval of 3 Transition Design Artefacts	Decision	Programme (Ian Smith)	10:30-10:45 <i>15 mins</i>	7
4	D-Flow and Interface Mapping (DES196)	Jpdate on DAG action and decision on next steps for updated DES196 (D-Flow and nterface Mapping)		Programme (Matt McKeon)	10:45-11:15 <i>30 mins</i>	12
5	Programme Change Requests 024 & 025	Decision on whether to issue new Change Requests to Impact Assessment	Decision	RECCo (Sarah Jones)	11:15-11:30 <i>15 mins</i>	16
6	Design Review Process	Update on revised design review process and DIN log	Information	Programme (Paul Pettitt)	11:30-11:45 <i>15 mins</i>	19
		Break (10 mins)				
7	DIP Design Documents	esign Documents Update on Code of Connections and PKI Interface document review and DAG approval process Information Programme (Richard Gwatki		Programme (Richard Gwatkin)	11:55-12:10 <i>15 mins</i>	22
8	Change Requests Update	Update on Programme Change Request 18 and other design relevant CRs	Information	Programme (Ian Smith and PMO)	12:10-12:25 <i>15 mins</i>	24
9	Programme Updates	Updates from other MHHS governance groups and wider Programme updates		Programme (PMO)	12:25-12:30 5 mins	26



Agenda

#	Item	Objective	Туре	Lead	Time	Page
10	DAG ToR Review	Verbal Update on review of DAG ToR and ACTION DAG17-02	Information	Chair	12:30-12:35 <i>5 min</i> s	28
11	Summary and Next Steps	Summary and Next Steps Summarise key discussions, actions, and next steps		Chair & Secretariat	12:35-12:45 <i>10 min</i> s	29
	Attachments Attachment 1 - BRS001 Transition Approach and Parallel Running Requirements v2.0 Attachment 2 - Provisional_Transitional_Scaling_Weights_v0.2 Attachment 3 - Transitional_BMU_Aggregated_Data v0.1 Attachment 4 - D-Flow and Interface Mapping v0.4 Attachment 5 - CR024 Data Items Names and Descriptions v1.0 Attachment 6 - CR025 DIP Interface Name Changes v1.0					

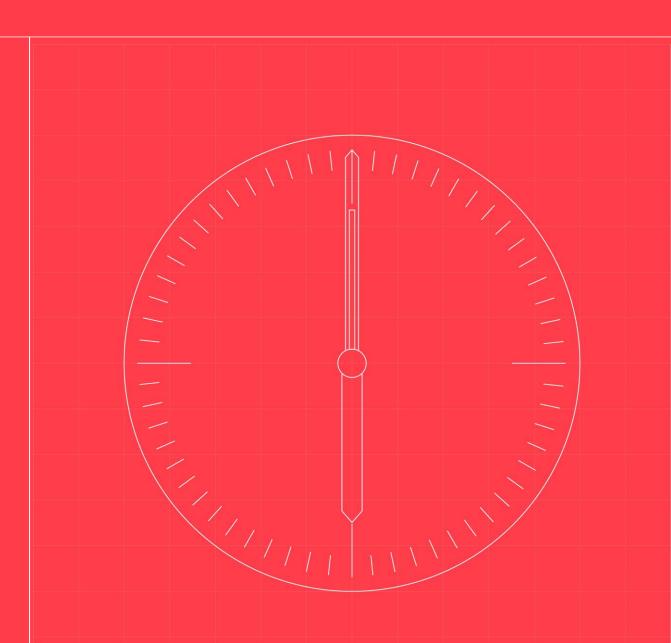


Minutes and Actions

DECISION: Approval of minutes and review of actions

Secretariat





Minutes and Actions Review (1 of 2)

- Approve Headline Report and Minutes of DAG held April/May 2023;
- Review outstanding actions:

Ref	Action	Owner	Due	Latest update
DAG17-02	Chair to review the DAG Terms of Reference to ensure there is clarity over the role of DAG post-M5	Chair	14/12/2022	ONGOING: DAG ToR under review. To be discussed under agenda item 9.
DAG19-02	Ofgem to provide information on assumed half-hourly data opt-out rates	Ofgem (Jenny Boothe)	11/01/2023	RECOMMEND CLOSED: Update to be provided in meeting.
DAG20-03	DAG members to provide any views on the role of DAG post M5 Work- Off Plan completion to support review of DAG ToR	DAG Members	12/04/2023	ONGOING: Action retained alongside ACTION DAG17-02.
DAG20.1-01	Programme to consider how to increase awareness of the Programme change request process and Design Change Management Procedure for Participants (e.g. webinar, newsletter article, etc.)	Programme (PMO and Design Team)	14/06/2023	ONGOING: Updates to <i>MHHS-DEL171 Change Control Approach</i> will be socialised following PSG consideration of fast track process (see agenda item <i>5</i>). Update to be provided at next DAG meeting.
DAG20.1-04	Programme to confirm which role code MDS would use (current presumption is SVA code)	Programme (Ian Smith)	15/02/2023	ONGOING: Update to be provided in meeting.
DAG20.1-12	Programme to consider how to provide clarity on the data services for import/export meters and how Programme Participants can be given visibility of this	Programme (Ian Smith)	12/04/2023	ONGOING: Update to be provided in meeting.
DAG21-03	Programme to consider publishing a log of Programme Change Request, and whether changes progressing via the Design Authority should be published within the same log	Programme (PMO)	14/06/2023	RECOMMEND CLOSED: Master Change Request Dashboard now available on the <u>MHHS website</u> . Design Issue Notification (DIN) Log available on the <u>Design Review page of the Programme Collaboration</u> <u>Base</u> .
DAG21.1-08	Programme to consider whether change marked artefacts should be issued with Programme Change Requests and who would be expected to provide any change marking	Programme (PMO)	14/06/2023	ONGOING: To be consider as part of wider improvements to MHHS- DEL171 Change Control Approach.
DAG21.1-09	Programme to confirm whether small changes to Programme Change Requests requested by decision-making group prior to issuance for Impact Assessment must always return to the Programme Change Board for validation prior to issuance	Programme (PMO)	14/06/2023	RECOMMEND CLOSED: Current proposed improvements to <i>MHHS</i> - <i>DEL171 Change Control Approach</i> will include greater power for advisory groups to accept small changes to CRs without the need to return to the Programme Change Board.



Minutes and Actions Review (2 of 2)

Ref	Action	Owner	Due	Latest update
DAG22.1-01	Programme to be clear on the impact any Change Requests will have on Design documents in the future	Chair (Justin Andrews)	12/04/2023	RECOMMEND CLOSED: Programme to include indicator within Change Control Dashboard of whether a CR affect the MHHS Design.
DAG22.1-05	Programme to come back on concerns over quality issues and discrepancies of issued material and documentation (e.g. DES-196)	Programme (Matt Mckeon / Paul Pettiitt)	12/04/2023	RECOMMEND CLOSED: Internal review process requires peer-review prior to issuance of documents to participants. Balance of proofing and expedient issuance discussed at CCAG previously. Regarding DES196, consultation comments received, and document updated. To be discussed under agenda item 4.
DAG23-06	Clarify expectations on evidence required to be provided against SIT criteria against baselined versions of design documents – i.e. which versions of documents would evidence be required against at the point of evidence submissions	Programme (Paul Pettitt)	10/05/2023	RECOMMEND CLOSED: Criterion from a design perspective has been included as part of the Fast Track Design update Process
DAG23-08	Progress activity on developing and sharing a design knowledge base – to share common design queries that come into the Programme but do not make it onto the DIN log (i.e., design queries that do not result in changes to artefacts)	Programme (Paul Pettitt)	10/05/2023	RECOMMEND CLOSED: Work is underway within the Programme to present a page on the collaboration base covering all aspects of the Programme. Targeting initial copy to be live in the next two weeks.

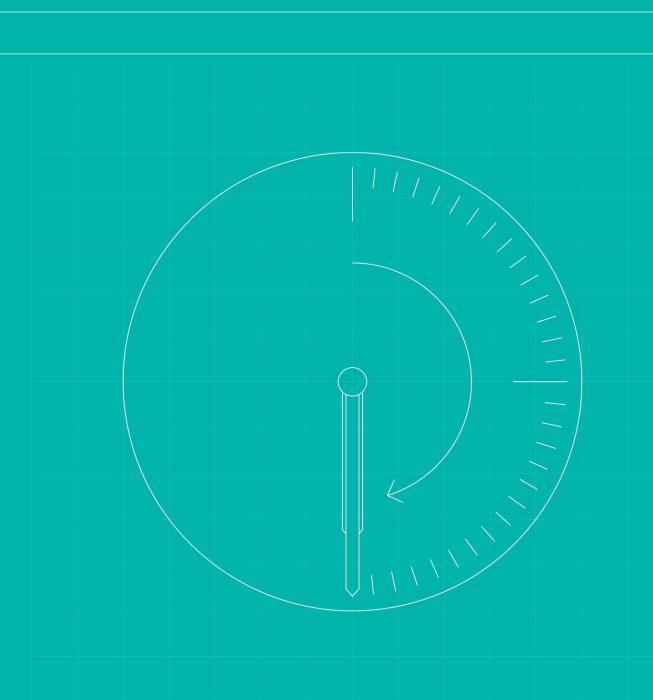




DECISION: Decision on approval of 3 Transition Design Artefacts

Programme (Ian Smith)





Transition Design: Tranche 1 Artefacts

Tranche 1 consists of elements that impact a Party's near-term Design Build and Test (DBT) activity, including:

- Parallel Running and Grid Supply Point (GSP) Group Correction
- Transitional Interfaces
- Transition Approach and Requirements: Line Loss Factors (LLFs) and Unmetered Suppliers (UMS) Charge Code and Switch Regimes

3 Artefacts were produced:

MHHSP-TRANS - BRS001 Transition Approach and Parallel Running Requirements v2.0.xlsx (see Attachment 1)

<u>MHHS-DES240-Provisional_Transitional_Scaling_Weights_v0.2.xlsx</u> (see Attachment 2)

MHHS-DES242-Transitional_BMU_Aggregated_Data v0.1 (1).xlsx (see Attachment 3)



Transition Design Tranche 1 Consolidated Comments Log

62 comments were received from 7 different organisations

Key themes:

- 1. Inclusion of milestones for precision
- 2. More detail required on the Scaling Weights and note they are only provisional
- 3. New Requirements for Demand Disconnection Events (DDE) between Milestones M11 and M15
- 4. Explicit requirement from M10 to M15 for the SVAA to provide the Uncorrected BMU Volumes to VAS

No comments on the Tranche 1 Transition Artefacts were raised at the Assurance meeting



DAG Members will be asked:

Do you agree the MHHS Transition Tranche 1 Design Artefacts can be baselined?

Each constituency representative will be asked to state 'Yes' or 'No'



Do the reasons not to baseline justify the impacts on market participants, the Programme plan and consumer benefits?

Members to provide reasoning and evidence

The Chair will undertake actions dependent on the voting scenario.

Confirmation of the next steps will be provided.

Information on recourse available to Participants will be provided.



Following the meeting, comms will be sent to programme participants that the Transition Design – Tranche has been baselined to v1.0.



The baselined version of the Transition Design Tranche 1 will be stored on the Collaboration Base under the Transition Design Page.



A Change Request will be raised to uplift the Baselined programme Interface Spec to reflect the updates required as part of the Migration Design.



In future, issues will be managed via the Design Issue Notification process whereby participants can issue a notice to the design team to highlight if they feel there is an issue with the design.



If changes are required to the Transition Design Tranche 1 in future, these will be managed by the Programme Change Request Process.

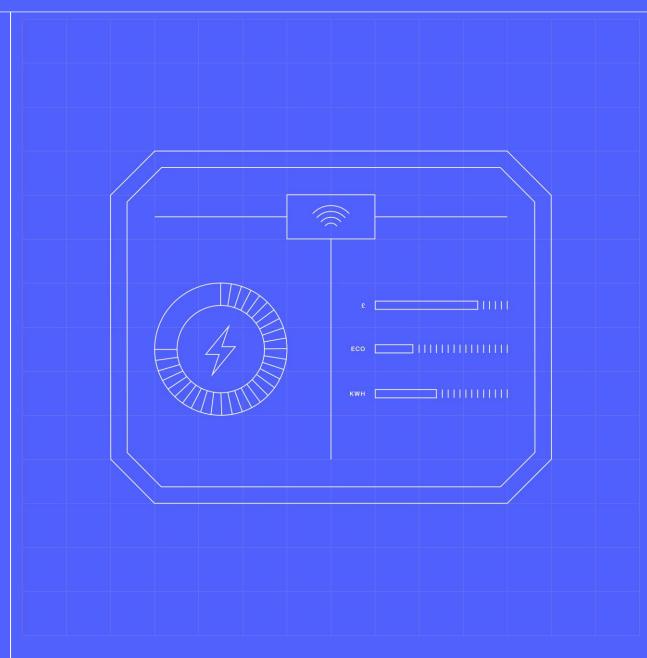


D-Flow and Interface Mapping (DES196)

DECISION: Update on DAG action and decision on next steps for updated DES196 (D-Flow and Interface Mapping)

Programme (Matt McKeon)





Overview

MHHSP - **DES196** - **D-Flow and Interface Mapping** is an informal (non-baselined) document on the Collaboration Base that summarises the impacts to Data Transfer Network (DTN) flows as a result of MHHS. The current version v0.3 was issued for industry comment on **28 March 2023**.

The dataflows listed in DES-196 are broken down into the following impact categories:

- MHHS Go-Live Change Required BSC Owned
- MHHS Go-Live Change Required Other Codes
- MHHS Go-Live Change Required REC Owned
- · Not impacted by MHHS data flow is enduring
- Redundant post-MHHS data flow will be removed after transition

REC Go-Live changes have been developed, progressed and approved through REC governance. BSC Go-Live changes have been developed by MHHSP and consulted on in parallel with DES-196

- These include 8 new ECS reports sent over the DTN that will be drafted and published by 30 June

We are seeking to formalise DES-196 as a Design Artefact to support Design, Build and Test (DBT) and Code Drafting activities,

A version 0.4 has been produced, incorporating comments and feedback from the March consultation



Consultation

Overview of comments received and addressed against v0.3 following consultation

A majority of respondents agreed with the scope and content of the 22 BSC-owned DTN message changed identified as required for Go-Live

- 14 DTN messages require new Scenario Variants to be created at Go-Live and exchanged between new MHHS roles
- 8 DTN messages are new MHHS equivalents of existing BSC reports sent by the SVAA covering migrated Metering Points

Respondents highlighted that the flow counts on the various tabs of DES-196 did not reconcile exactly with the overview tab

- This is mainly due to additional flows being listed on the overview tab that were removed from the baseline by Switching

Respondents highlighted some specific flows where they believed they should be on a different tab, e.g. Redundant rather than No Impact

- These relate mainly to flows potentially impacted by transition, or used for areas not touched by MHHS, such as Asset Metering
- Some also concerned flows which are not described in the MHHS BPs, but participants would like repurposed for MHHS for optional use

These comments have been addressed in v0.4, and will be logged in a comments spreadsheet for transparency and shared along with DES-196 - Where there is a data flow with an outstanding dependency or that may change, this will be recorded in the comments log

Further work is ongoing to draft the 8 ECS reports as new Market Messages in Energy Market Data Specification format

- All changes required for MHHS go-live based on DES-196 will be reflected and consulted on in the Interfaces Code Drafting tranche in August



3 options for DAG approval (recommendation Option 2)

Option	Description	Pros/Cons
Option 1: DAG approve at meeting #25, as Version 1.0, design artefact issued 16 June 2023	 DAG members review, suggest changes at meeting #25 DAG members recommend approval at meeting #25 DAG Chair approves as Version 1.0, as part of Supporting Baselined Design Artefacts MHHS Programme issue Version 1.0 DES196 16 June 	P: Market Participants have DES196 as a Supporting Baselined Design Artefact asap C: Market Participants have no time to see comments audit log
Option 2: DAG approval via correspondence 23 June as Version 1.0, design artefact issued w/c 26 June 2023	 DAG members review, suggest changes at meeting #25 DAG members review comments audit log, provide comments and recommend approval by 8am 22 June MHHS Programme address comments 22 June DAG Chair approves on 23 June as Version 1.0, as part of Supporting Baselined Design Artefacts MHHS Programme issue Version 1.0 DES196 w/c 26 June 2023 	 P: Market Participants have DES196 as a Supporting Baselined Design Artefact before end of June P/C: Market Participants have limited time to see comments audit log
Option 3: DAG approval at meeting #26 (July) as Version 1.0, design artefact issued w/c 17 July 2023	 DAG members review, suggest changes at meeting #25 Issue for further industry consultation with review of comments audit log, provide comments by 8am 30 June 2023 (circa 2 weeks) MHHS Programme address comments by 04 July 2023 Issue updated DES196 and comments audit log to DAG on 05 July 2023 (paper day) DAG members recommend approval at 12 July 2023 DAG DAG Chair approves on 12 July 2023 as Version 1.0, as part of Supporting Baselined Design Artefacts MHHS Programme issue Version 1.0 DES196 w/c 17 July 	P: Market Participants have further two week consultation and can review comments audit log C: DES196 not approved as a Supporting Baselined Design Artefact until 12 July 2023, potentially impacting DBT and Code Drafting

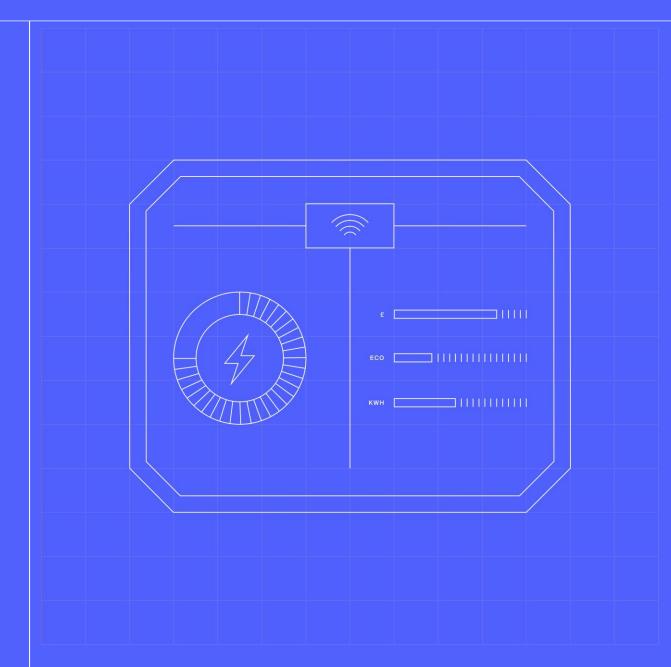


Programme Change Requests 024 & 025

DECISION: Decision on whether to issue new Change Requests to Impact Assessment

RECCo (Sarah Jones) and Programme (Paul Pettitt)





CR024 overview

Objective: DAG to decide whether CR024 should go out to Impact Assessment

Data Item Names and Descriptions

Issue Statement:

- RECCo have reviewed the MHHS Interface Catalogue and ECS Reporting Catalogue.
- A number of areas have been identified in which changes need to be made to data item names and descriptions, so that they align better with existing code terminology and data item descriptions.
- The new date-related MHHS data items are defined as a high resolution datetime, which is not always clear within the data item names and descriptions.

Description of change:

- RECCo proposes six areas of change to align MHHS data items to existing data items:
 - •Amending data item names and descriptions in the Energy Market Data Specification or MHHS data catalogue to align.
 - •Amending data item names and descriptions for MHHS date related data items to reflect that they are recording date and time.
 - •Aligning terminology within the MHHS data catalogues with enduring code terms.
 - •Amending the name of the data item used to link to CSS registration activity.
 - •Amending the name and description of the data item used to identify the meter manufacturer.
 - •Correcting minor typographical errors within the data item names and/or descriptions.

Target date of change:

• RECCo recommends that the change is approved in advance of the interface tranche of code drafting being issued for consultation in August 2023.

Proposed next steps:

• It is proposed that the Change Request goes out to industry for Impact Assessment.

The C. Description of	A REAL PROPERTY AND A REAL			_	-
MHHS				_	
PROGRAMME Industry-led, Elevon facilitated					
					1000
				e	
Change Request Form				-	
					1.0
				1.000	
Change Request details				1000	1.000
Ohanan Danuart Titla	Change Request details				
Change Request Title Change Request Number	Alignment of Data Item Names and De	escriptions		100 C	-
Change Request Number Originating Advisory / Working Group	N/A			and the second second	-
Risk/issue reference					
		-			
Change Raiser	Sarah Jones / Retail Energy Code Company	Date raised: orting Change Rec	7/6/23 quest Form ding to a change	1	2
Change Raiser For further guidance on how to compl Guidance for Programme Participants request via Impact Assessment. The with Impacted programme parties, pri are referenced below and can be foun	Sarah Jones / Retail Energy Code Company ete this document please see the supp. The guidance will support raising a di- hange Raise should consider sharing or to submission to PMO. The guidance d via the MHHS website.	orting Change Rec pange and respond the draft Change	quest Form ding to a change Request Form		1.
Change Raiser For further guidance on how to compl Guidance for Programme Participants request via Impact Assessment. The with Impacted programme parties, pri are referenced below and can be foun Change Request to be read in conjur	Sarah Jones / Retail Energy Code Company ete this document please see the supp. The guidance will support raising a close hange Raise should conside a should c	orting Change Rec pange and respond the draft Change	quest Form ding to a change Request Form		
Change Raiser For further guidance on how to compl guidance for Programme Participants request via Impact Assessment. The d with impacted programme parties, pri are referenced below and can be foun Change Request to be read in conjur MHIS Change Request Form Guidance	Sarah Jones / Retail Energy Code Company ete this document please see the supp. The guidance will support raising a close hange Raise should conside a should c	orting Change Rec pange and respond the draft Change	quest Form ding to a change Request Form		
Change Raiser For further guidance on how to compl Guidance for Programme Participants erquest via impact Assessment. The 6 with impacted programme parties, pri are inferenced below and can be forun Change Request to be read in conjur MHHS Change Request Form Guidanc MHHS Change Control Approach	Sarah Jones / Retail Energy Code Company ete this document please see the supp. The guidance will support raising a close hange Raise should conside a should c	orting Change Rec pange and respond the draft Change	quest Form ding to a change Request Form		
Change Raiser For further guidance on how to compl Guidance for Programme Participants request via Impact Assessment. The 6 with impacted programme parties, pri are referenced below and can be form Change Request to be read in conjur MHHS Change Request Form Guidanc MHHS Change Control Approach MHHS Governance Framework	Sarah Jones / Retail Energy Code Company ete this document please see the supp. The guidance will support raising a close hange Raise should conside a should c	orting Change Rec pange and respond the draft Change	quest Form ding to a change Request Form		1. 112
Change Raiser For further guidance on how to compl Guidance for Programme Participants erquest via impact Assessment. The 6 with impacted programme parties, pri are inferenced below and can be forun Change Request to be read in conjur MHHS Change Request Form Guidanc MHHS Change Control Approach	Sarah Jones / Retail Energy Code Company ete this document please see the supp. The guidance will support raising a close hange Raise should conside a should c	orting Change Rec pange and respond the draft Change	quest Form ding to a change Request Form		1. 112
Change Raiser For further guidance on how to compl Guidance for Programme Participants request via Impact Assessment. The 6 with impacted programme parties, pri are referenced below and can be form Change Request to be read in conjur MHHS Change Request Form Guidanc MHHS Change Control Approach MHHS Governance Framework	Sarah Jones / Retail Energy Code Company ete this document please see the supp. The guidance will support raising a close hange Raise should conside a should c	orting Change Rec pange and respond the draft Change	quest Form ding to a change Request Form		1. 22: 10
Change Raiser For further guidance on how to compl Guidance for Programme Participants request via Impact Assessment. The 6 with impacted programme parties, pri are referenced below and can be form Change Request to be read in conjur MHHS Change Request Form Guidanc MHHS Change Control Approach MHHS Governance Framework	Sarah Jones / Retail Energy Code Company ete this document please see the supp. The guidance will support raising a close hange Raise should conside a should c	orting Change Rec pange and respond the draft Change	quest Form ding to a change Request Form		1. 21: 10
Change Raiser For further guidance on how to compl Guidance for Programme Participants request via Impact Assessment. The 6 with impacted programme parties, pri are referenced below and can be form Change Request to be read in conjur MHHS Change Request Form Guidanc MHHS Change Control Approach MHHS Governance Framework	Sarah Jones / Retail Energy Code Company ete this document please see the supp. The guidance will support raising a close hange Raise should conside a should c	orting Change Rec pange and respond the draft Change	quest Form ding to a change Request Form		1. 112
Change Raiser For further guidance on how to compl Guidance for Programme Participants request via Impact Assessment. The 6 with impacted programme parties, pri are referenced below and can be form Change Request to be read in conjur MHHS Change Request Form Guidanc MHHS Change Control Approach MHHS Governance Framework	Sarah Jones / Retail Energy Code Company ete this document please see the supp. The guidance will support raising a close hange Raise should conside a should c	orting Change Rec pange and respond the draft Change	quest Form ding to a change Request Form		
Change Raiser For further guidance on how to compl Guidance for Programme Participants request via Impact Assessment. The 6 with impacted programme parties, pri are referenced below and can be form Change Request to be read in conjur MHHS Change Request Form Guidanc MHHS Change Control Approach MHHS Governance Framework	Sarah Jones / Retail Energy Code Company ete this document please see the supp. The guidance will support raising a close hange Raise should conside a should c	orting Change Rec pange and respond the draft Change	quest Form ding to a change Request Form		1. 22: 12: 12: 1
Change Raiser For further guidance on how to compl Guidance for Programme Participants request via Impact Assessment. The 6 with impacted programme parties, pri are referenced below and can be form Change Request to be read in conjur MHHS Change Request Form Guidanc MHHS Change Control Approach MHHS Governance Framework	Sarah Jones / Retail Energy Code Company ete this document please see the supp. The guidance will support raising a close hange Raise should conside a should c	orting Change Rec pange and respond the draft Change	quest Form ding to a change Request Form		1. The BP 100 100 10
Change Raiser For further guidance on how to compl Guidance for Programme Participants request via Impact Assessment. The 6 with impacted programme parties, pri are referenced below and can be form Change Request to be read in conjur MHHS Change Request Form Guidanc MHHS Change Control Approach MHHS Governance Framework	Sarah Jones / Retail Energy Code Company ete this document please see the supp. The guidance will support raising a close hange Raise should conside a should c	orting Change Rec pange and respond the draft Change	quest Form ding to a change Request Form		1. 22. 22. 23. 2
Change Raiser For further guidance on how to compl Guidance for Programme Participants request via Impact Assessment. The 6 with impacted programme parties, pri are referenced below and can be form Change Request to be read in conjur MHHS Change Request Form Guidanc MHHS Change Control Approach MHHS Governance Framework	Sarah Jones / Retail Energy Code Company ete this document please see the supp. The guidance will support raising a close hange Raise should conside a should c	orting Change Rec pange and respond the draft Change	quest Form ding to a change Request Form		1. 22: 22: 22: 1

MHHS-DEL1317 CR024 Draft



CR025 overview

Objective: DAG to decide whether CR025 should go out to Impact Assessment

DIP Interface Name Changes

Issue Statement:

- RECCo has reviewed the information contained within the MHHS Interface Catalogue.
- A number of areas have been identified in which changes to the DIP interface names should be progressed to align better with enduring code terminology.

Description of change:

- There are four areas in which changes should be made to translate the MHHS Interface Catalogue into the Energy Market Data Specification:
 - •Replacing references to Metering Service with MEM, MOA, etc. within interface names.
 - •Replacing references to Service Providers with Supplier Agents within interface names.
 - •Replacing references to Registration and Registration Services with SMRS.
 - •Replacing references to CSS De-Registration with CSS Registration De-Activation.

Target date of change:

• RECCo recommends that the change is approved in advance of the interface tranche of code drafting being issued for consultation in August 2023.

Proposed next steps:

• It is proposed that the Change Request goes out to industry for Impact Assessment.

The S. Secondario of	and the second second				-
MHHS PROGRAMME					
Industry-led, Elexon facilitated					
f					
				-	
Change Request Form				100.000	
onange Request ronn					
				-	100
				1000	
Change Request details				a final i	
	Change Request details				
Change Request Title	Alignment of Data Item Names and De	scriptions		and the second	-
Change Request Number				and frame data	
Originating Advisory / Working Group	N/A				1.00
Risk/issue reference	N/A				
	Sarah Jones / Retail Energy Code			C. Same	
	Company ete this document please see the supp			1227	i.
For further guidance on how to compl Guidance for Programme Participants request via Impact Assessment. The C	Company ete this document please see the support. The guidance will support raising a cf change Raiser should consider sharing or to submission to PMO. The guidance	orting Change Re ange and respon the draft Change	quest Form ding to a change Request Form	•	1
For further guidance on how to compl Guidance for Programme Participants request via Impact Assessment. The C with impacted programme parties, pri	Company ete this document please see the support The guidance will support raising a ct change Raiser should consider sharing or to submission to PMO. The guidance of via the MHHS website.	orting Change Re ange and respon the draft Change	quest Form ding to a change Request Form	•	1
For further guidance on how to compl Guidance for Programme Participants request via Impact Assessment. The 6 with Impacted programme parties, pri are referenced below and can be foun	Company ete this document please see the supp. The guidance will support raising a sin- thange Raise should consider a should be shoul	orting Change Re ange and respon the draft Change	quest Form ding to a change Request Form	•	1. 11
For further guidance on how to compl Guidance for Programme Participants request via Impact Assessment. The 6 with Impacted programme parties, pri are referenced below and can be foun Change Request to be read in conjur	Company ete this document please see the supp. The guidance will support raising a sin- thange Raise should consider a should be shoul	orting Change Re ange and respon the draft Change	quest Form ding to a change Request Form	•	1
For further guidance on how to compl Guidance for Programme Participants request via Impact Assessment. The t with Impacted programme parties, pri are referenced below and can be foun Change Request to be read in conjur MHHS Change Request Form Guidanc	Company ete this document please see the supp. The guidance will support raising a sin- thange Raise should consider a should be shoul	orting Change Re ange and respon the draft Change	quest Form ding to a change Request Form	•	
For further guidance on how to compl Guidance for Programme Participants equest via Impacted programme parties, print with Impacted programme parties, pri- are referenced below and can be foun Change Request to be read in conjur MHHS Change Request Form Guidanc MHHS Change Control Approach	Company ete this document please see the supp. The guidance will support raising a sin- thange Raise should consider a should be shoul	orting Change Re ange and respon the draft Change	quest Form ding to a change Request Form	•	1. III II
For further guidance on how to compl Guidance for Programme Participants request via Impact Assessment. The 6 with impacted programme parties, pri are referenced below and can be four are referenced below and can be four Change Request to be read in conjur MHHS Change Request Form Guidanc MHHS Change Control Approach MHHS Governance Framework	Company ete this document please see the supp. The guidance will support raising a sin- thange Raise should consider a should be shoul	orting Change Re ange and respon the draft Change	quest Form ding to a change Request Form	•	1. III II I
For further guidance on how to compl Guidance for Programme Participants request via Impact Assessment. The 6 with impacted programme parties, pri are referenced below and can be four are referenced below and can be four Change Request to be read in conjur MHHS Change Request Form Guidanc MHHS Change Control Approach MHHS Governance Framework	Company ete this document please see the supp. The guidance will support raising a sin- thange Raise should consider a should be shoul	orting Change Re ange and respon the draft Change	quest Form ding to a change Request Form	•	1, 22, 12, 12, 13,
For further guidance on how to compl Guidance for Programme Participants request via Impact Assessment. The 6 with impacted programme parties, pri are referenced below and can be four are referenced below and can be four Change Request to be read in conjur MHHS Change Request Form Guidanc MHHS Change Control Approach MHHS Governance Framework	Company ete this document please see the supp. The guidance will support raising a sin- thange Raise should consider a should be shoul	orting Change Re ange and respon the draft Change	quest Form ding to a change Request Form	•	1, 221 10 1 522
For further guidance on how to compl Guidance for Programme Participants request via Impact Assessment. The 6 with impacted programme parties, pri are referenced below and can be four are referenced below and can be four Change Request to be read in conjur MHHS Change Request Form Guidanc MHHS Change Control Approach MHHS Governance Framework	Company ete this document please see the supp. The guidance will support raising a sin- thange Raise should consider a should be shoul	orting Change Re ange and respon the draft Change	quest Form ding to a change Request Form	•	1. III II III
For further guidance on how to compl Guidance for Programme Participants request via Impact Assessment. The 6 with impacted programme parties, pri are referenced below and can be four are referenced below and can be four Change Request to be read in conjur MHHS Change Request Form Guidanc MHHS Change Control Approach MHHS Governance Framework	Company ete this document please see the supp. The guidance will support raising a sin- thange Raise should consider a should be shoul	orting Change Re ange and respon the draft Change	quest Form ding to a change Request Form		1. III II III I
For further guidance on how to compl Guidance for Programme Participants request via Impact Assessment. The 6 with impacted programme parties, pri are referenced below and can be four are referenced below and can be four Change Request to be read in conjur MHHS Change Request Form Guidanc MHHS Change Control Approach MHHS Governance Framework	Company ete this document please see the supp. The guidance will support raising a sin- thange Raise should consider a should be shoul	orting Change Re ange and respon the draft Change	quest Form ding to a change Request Form		1. 110 HP 110 HP
For further guidance on how to compl Guidance for Programme Participants request via Impact Assessment. The 6 with impacted programme parties, pri are referenced below and can be four are referenced below and can be four Change Request to be read in conjur MHHS Change Request Form Guidanc MHHS Change Control Approach MHHS Governance Framework	Company ete this document please see the supp. The guidance will support raising a sin- thange Raise should consider a should be shoul	orting Change Re ange and respon the draft Change	quest Form ding to a change Request Form		1. The NY 19
For further guidance on how to compl Guidance for Programme Participants request via Impact Assessment. The 6 with impacted programme parties, pri are referenced below and can be four are referenced below and can be four Change Request to be read in conjur MHHS Change Request Form Guidanc MHHS Change Control Approach MHHS Governance Framework	Company ete this document please see the supp. The guidance will support raising a sin- thange Raise should consider a should be shoul	orting Change Re ange and respon the draft Change	quest Form ding to a change Request Form		1. 12: 10 1 10 1 1

MHHS-DEL1318 CR025 Draft

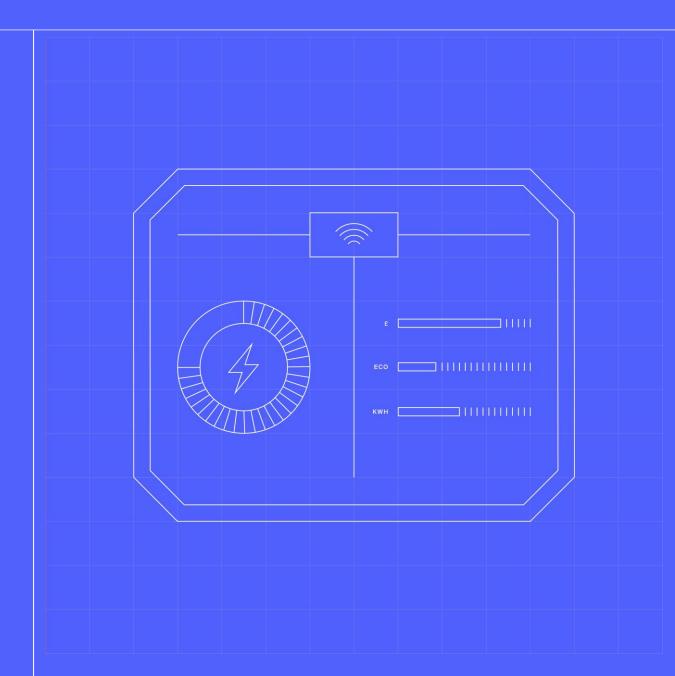


Design Review Process

INFORMATION: Update on revised design review process and DIN log

Programme (Paul Pettitt)





In response to Industry requests and direct action out of FTIG to:

- 1. Speed up the updating of Baselined design artefacts because of identified errors, typographical updates, improvements in clarity
- 2. To provide clarity on the minimum design level needed to enter SIT CIT at the end of October 2023
- 3. To provide clarity on the minimum design level needed to enter SIT Functional at the beginning of March 2024

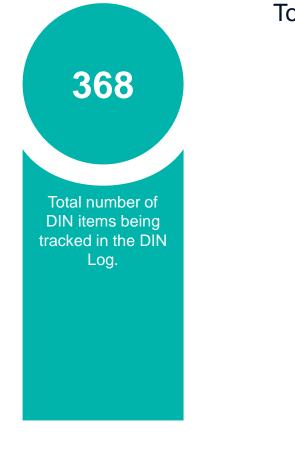
The Programme is presenting an update to the Design Artefact Update Process to PSG on 08 June 23. A verbal update will be provided to DAG members on the outcome of that meeting and next steps.

A copy of the PSG Papers including the Fast Track Update proposal can be found here MHHS-DEL1246 PSG 08 June 2023 v1.0.pdf

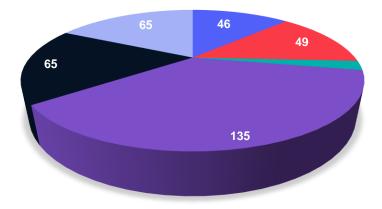


DIN Log Stats

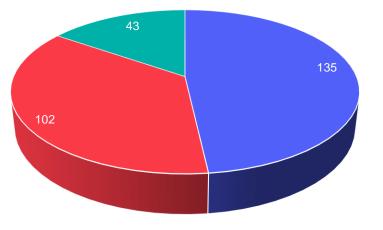
The figures below are the total number of items raised as of 1 June 23



Total DINs by Status



- Open awaiting assessment
- Initial Assessment/Updating
- Requires Industry Work Group review
- Updates Verified for Industry Review
- Closed
- Ready for Internal Review



- Interim Release 1
- Interim Release 2
- Interim Release 3



DIP Design Documents

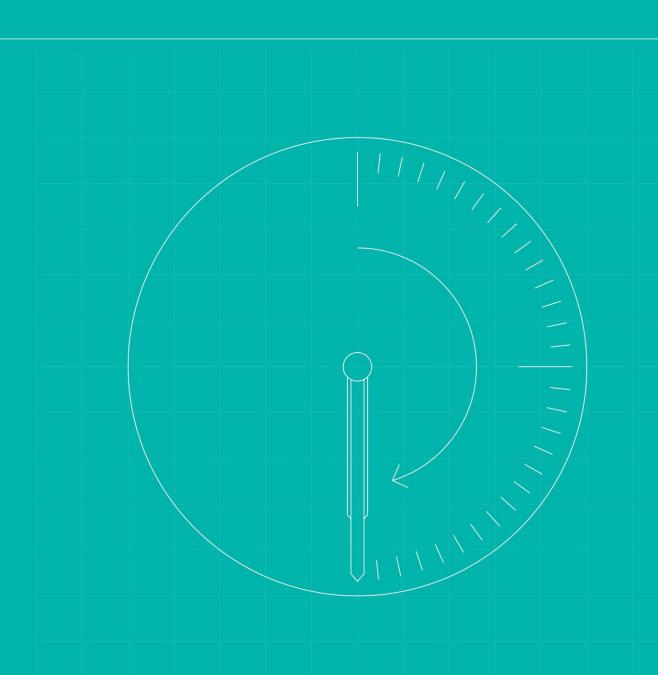
INFORMATION: Update on Code of Connections and PKI Interface document review and DAG approval process

Programme (Richard Gwatkin)

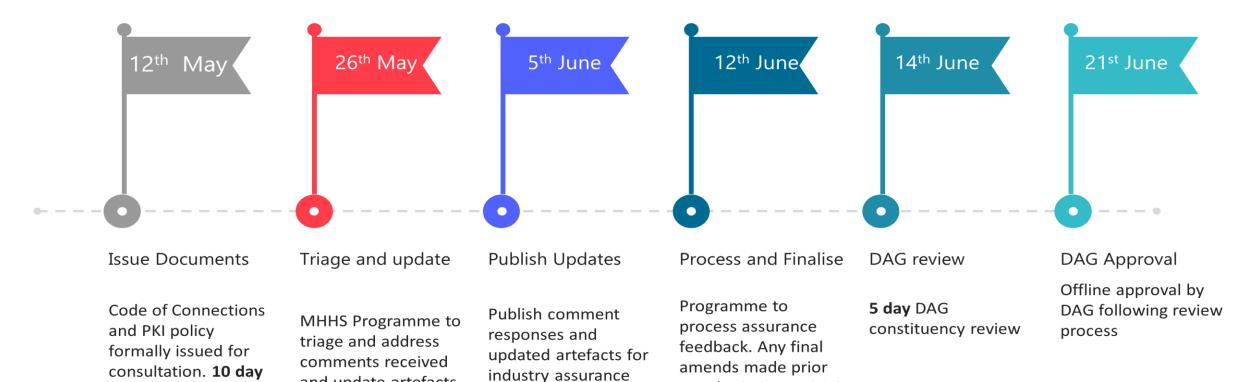
15 mins

7





CoCo & PKI Timeline





review process

Runs to 25th May

starts.

Runs to 9th June .

review. 5 day process

starts

and update artefacts

accordingly. 5 day

Runs to 2nd June.

process starts

to submission to DAG Runs to 13th June

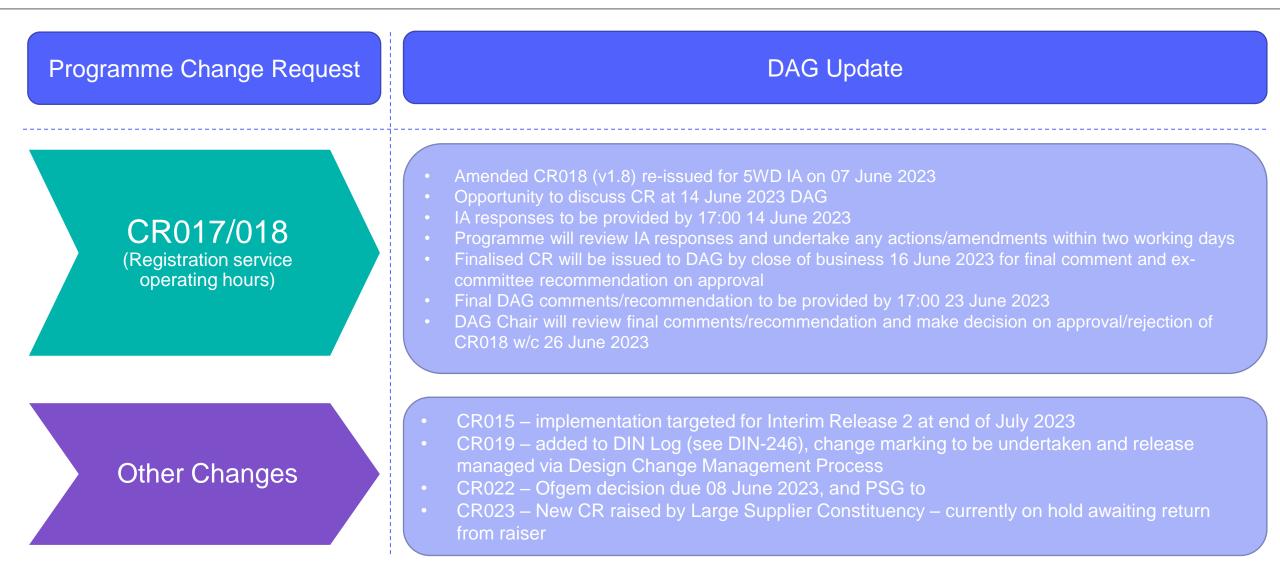
Change Requests

INFORMATION: Update on Programme Change Request 18 and other design relevant CRs

Programme (Ian Smith and PMO)









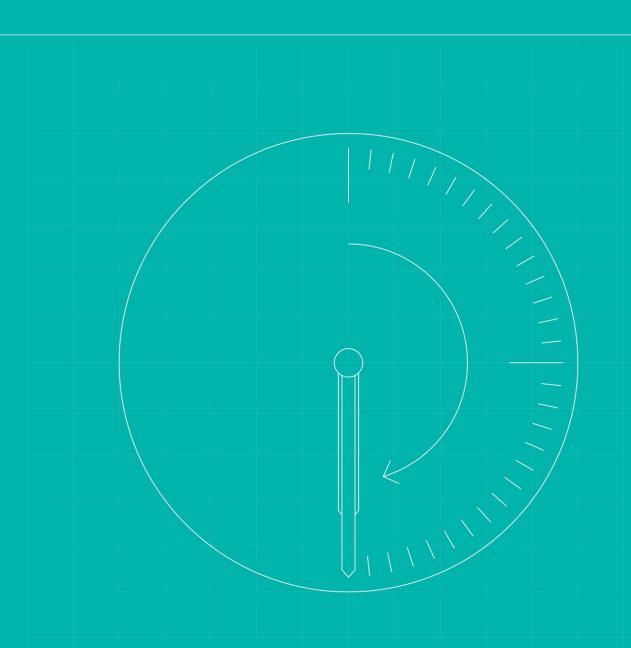
All MHHS Programme Change Requests and the <u>Master Change Request Dashboard</u> can be found on the <u>MHHS website</u>

Programme Updates

INFORMATION: Updates from other MHHS governance groups and wider Programme updates

Programme (PMO)





Programme updates

Updates from PSG 03 and 12 May Updates	esting and Migration Advisory Group (TMAG) date from TMAG 17 May 2023	Design Advisory Group (DAG)	Cross Code Advisory Group	
extraordinary PSG held on 12May 2023, the PSG received an overview of Impact Assessment responses to CR022 (MHHS Programme Replan). With over 92% of respondents agreeing with the overall recommendation to accept 	SIT Approach Proposal: The Programme provided an update that the SIT Approach. It was agreed with phasing of PIT evidence for each stage of SIT Test Data Approach and Plan: The Programme provided an update on the timelines for the Test Data Approach and Plan CIT & Functional Test Approach and Plan: The Programme provided an update on the timelines for the Wok CIT & Functional Approach and Plan Release Management and Configuration Approach: The TMAG approved version 0.4 of the Release Management and Configuration Approach	 Updates from DAG 10 May 2023 Interim Release 1: Updates were provided on the design changes scheduled to be released in June 2023 as part of Interim Release 1. Change marked design artefacts were issued for review and an assurance forum will be held 26 May 2023 to seek agreement on the revised artefacts ahead of submission to DAG on 14 Jun 2023. Interested parties should contact PMO@mhhsprogramme.co.uk for joining information. Change Requests: The DAG discussed CR018 (Registration Service Operating Hours) and agreed further amendment should be undertaken and the change re-issued to parties for 	 (CCAG) Update from CCAG 24 May 2023 1. Code Drafting Tranche 1 Recommendation: The CCAG accepted the recommendation of the Code Drafting Working group (CDWG) that the first tranche of code drafting should be 'approved for publication and subject to change control'. The code artefacts will be published on the Programme Collaboration Base. The next drafting topic is Registration, and a consultation will be issued in due course according to the Code Drafting Plan. 2. BSC Issue 101: The BSC provided an overview of the timelines and potential code drafting requirements for BSC Issue 101. Several potential dependencies on MHHS code drafting exist, and participants 	MHHS Open Day 13 June 2023 The next MHHS Open day will take place Tuesday 13 June 2023, held at the Elexon offices, with a virtual stream option. We will use the time to provide clarity of upcoming activities in the next phase of programme delivery as well as meeting SMEs from different areas of the programme. Due to limited space, we are requesting that a maximum of 1-2 contacts attend inperson from each participant. To secure tickets sign up on Eventbrite and select either 'in-person' or 'virtual' attendance' Code Drafting Consultation Tranche 2 : Registration & BSC Central Services is now open Following The Programme has published the Tranche 2 Code Artefacts for industry consultation. Tranche 2 focuses on the Balancing and Settlement Code (BSC) and Retail Energy Code (REC) Registration. The consultation period is open from 31 May 2023 to 21 June 2023. Visit the Code Artefacts Tranche 2 pages of the <u>Collaboration Base</u> and <u>MHHS website</u> to view the Code Artefacts issued for consultation. Delivery Assurance Update: At the Fast Track Implementation Group (FTIG) on Friday 26 May 2023, the Programme confirmed that Delivery Assurance activity will start on 1 June 2023. An online questionnaire will be issued to Cohort 1 (consists of Central Parties and Core Capability Providers plus those Systems Integration Testing (SIT) volunteers who are not dependent on the Placing Reliance Policy) on Thursday 1 June 2023, to be submitted by 17.00 on Friday 16 June 2023.
 work towards the dates in the approved CR022. Fast Track Implementation Group: An update on activities at the first two Fast Track Implementation Group (FTIG) meetings was provided. FTIG is a closed group for those participating in SIT to discuss 	Qualification Approach and Plan: The TMAG approved version 0.2 of the Qualification Approach and Plan Testing Assurance for Period P1: The IPA provided an overview of activities for the first testing assurance period. AG papers available <u>here</u>	change re-issued to parties for further Impact Assessment before returning to DAG for approval. The Programme is currently working with the LDSO community to amend the CR ahead of re-issuance to Impact Assessment. DAG papers available <u>here</u>	 drafting exist, and participants are urged to engage with the Issue 101 consultations on the topic of onboarding/ qualification. Code Drafting Process Map: A revised code Change Process Map, which seeks to provide a framework and principles for the management of external code changes which may be dependent on change to the MHHS Design was accepted by the CCAG. An emphasis on early dialogue and flexibility was agreed. CCAG papers available <u>here</u> 	 Programme Plan and Milestone Register: In anticipation of CR022: MHHS Programme Replan being agreed at the Programme Steering Group (PSG) on Thursday 8 June 2023, subject to Ofgem approval of Level 1 milestones. MHHS Programme Update: As a result, the Systems Integration Testing (SIT) Component Integration Testing (CIT) Test Approach & Plan will now be issued for a 10-working day consultation on Friday 9 June 2023. The SIT Functional Test Approach & Plan, and the SIT Functional Test Data Approach & Plan will also be issued together. The 10-working day consultation period for these documents will begin on Friday 7 July 2023. MHHS Testing Update Systems Integration Testing (SIT) Functional Test Scenarios Consultation is now closed SIT Participation Volunteer Window is now closed The Qualification Approach & Plan (QA&P) has now been approved by the Testing and Migration Advisory Group (TMAG) and the Performance Assurance Boards (PABs). Release and Configuration Management Approach and Plan approved by

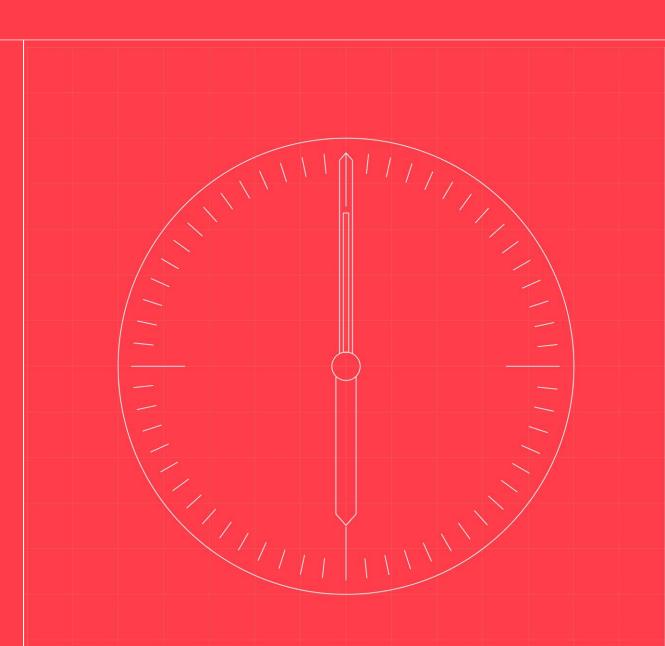


DAG ToR Review

INFORMATION: Verbal Update on review of DAG ToR and ACTION DAG17-02

Chair



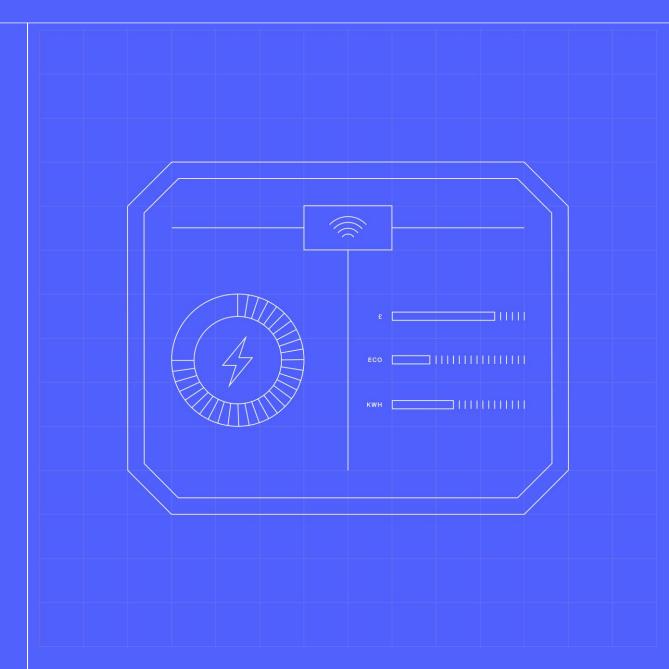


Summary and next steps

INFORMATION: Summarise key discussions, actions, and next steps

Chair & Secretariat





Summary and Next Steps

Next steps:

- Confirm actions and decisions from meeting
- DAG via correspondence (TBC based on DAG decisions at meeting)
 - DIP Documents CoCo and PKI: DAG recommend approval via correspondence 21 June
 - DES196: DAG recommend approval via correspondence 22 June
 - CR18: DAG recommend approval via correspondence 23 June
- Next DAG regular meeting: 12 July 2023 10am

DAG agenda roadmap:

Meeting dates	14-June	12-July	09-August	13-September
Relevant milestones or activities	Approval of Transition Design Artefacts – Tranche 1	Potential approval of DES196 (TBC)	твс	твс
Agenda items	 Programme Change Requests DAG ToR Review Update D-Flow and Interface Mapping DIP Design Documents Update 	 Design DIN update Programme Change Requests DAG ToR Review Update Design Fast Track process update 	 Design DIN update Programme Change Requests Design Fast Track process update 	 Design DIN update Programme Change Requests Design Fast Track process update
Standing items	 Minutes and Actions Programme Updates Summary and Next Steps 	 Minutes and Actions Programme Updates Summary and Next Steps 	 Minutes and Actions Programme Updates Summary and Next Steps 	 Minutes and Actions Programme Updates Summary and Next Steps

If you would like to propose an agenda item for the DAG or would like any information about MHHS governance groups, please contact the Programme PMO (PMO@mhhsprogramme.co.uk)

