

ELEXON

**Code Change and Development Group:
Meeting 13**

Elexon

19 January 2021

Introduction, apologies and meeting objectives

Welcome Richard Vernon and welcome back Lorna Mallon

Meeting objectives:

- Recap DWG transition approach
- Discuss initial straw men on transition/migration activities for Advanced and UMS market segments

Next steps:

- Elexon and volunteer CCDG members to continue offline working on Advanced and UMS transition straw men
- Elexon to prepare Smart & Non-Smart segment transition straw man for comment over Teams and at CCDG15 in March
- Elexon to also prepare cross-segment transition straw man for comment over Teams and at CCDG15 in March
- CCDG to discuss TOM consultation responses at CCDG14 in February

Has Lockdown 3.0 changed your resource capability for CCDG work?

Recap of transition/migration deliverable scope and approach (from CCDG12)

The deliverable will:

- Be a logical ordering of milestones for transition planning, not a detailed implementation plan
- Identify what industry processes and prerequisites are needed to move each meter type to its target market segment
- Identify what the constraints and dependencies are, and where they occur
- Include all impacted Industry Code processes
- Include migration, run-off and Qualification
- Identify what prerequisites need to be in place to move registration services to the new requirements
- Include pre-migration activities

Approach

- Split into three target market segments and cross-segment activities
- Write up each process (internal activity)
- Share with the CCDG for review via Teams
- Sign off each at a CCDG meeting (over three meetings)
- Finalised report or spreadsheet with overview, for consultation then submission to Ofgem

Recap of transition/migration deliverable timetable (from CCDG12)

When	What
19 Jan 2021 (CCDG13)	CCDG discusses Advanced and UMS straw men developed by Elexon
16 Mar 2021 (CCDG15)	CCDG discusses Smart & non-Smart <u>and Cross-Segment</u> straw men developed by Elexon
20 Apr 2021 (CCDG16)	CCDG agrees final straw men and consultation key messages/questions
28 Apr – 11 May 2021	CCDG reviews draft consultation document via Teams
13 May – 8 Jun 2021	Industry consultation period
20 Jul 2021 (CCDG19)	CCDG discusses consultation responses
2 – 9 Aug 2021	CCDG reviews and agrees report via Teams
12 Aug 2021	Elexon submits CCDG's report on transmission/migration deliverable to Ofgem

Explanation of gaps in the timetable:

- CCDG14 on 16 Feb 2021: Will focus on discussing responses to TOM design / matrices consultation, which closes 26 Jan 2021
- CCDG17 on 18 May 2021: Will focus on agreeing approach to sequencing/packaging legal drafting for review, as transition consultation will be out with industry (Code bodies will also have started work on the legal drafting by May 2021)
- CCDG18 on 15 June 2021: Will focus on reviewing the first package of draft legal text from the Code bodies (Elexon will be compiling/clarifying transition consultation responses in parallel for July's meeting)

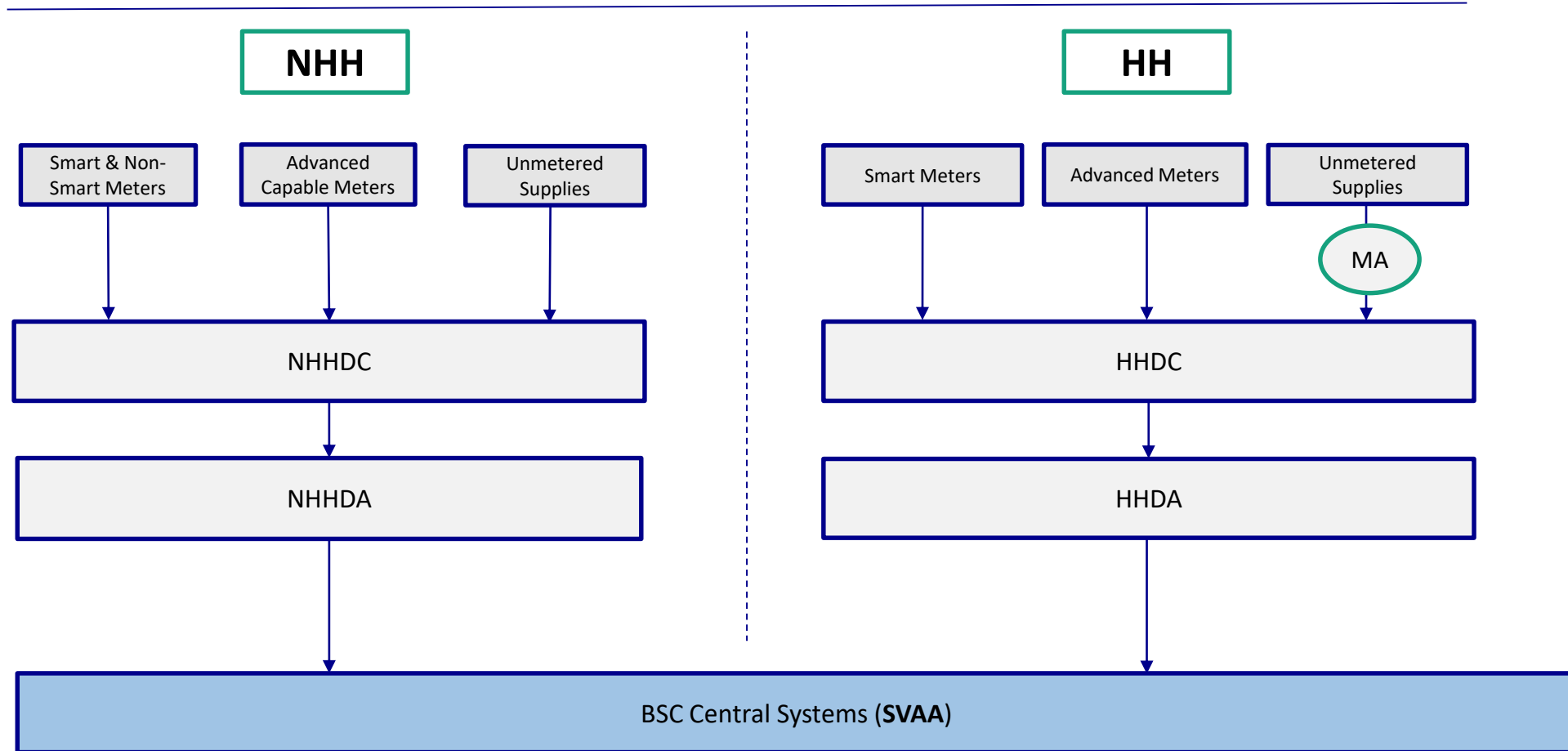


SCR UPDATE

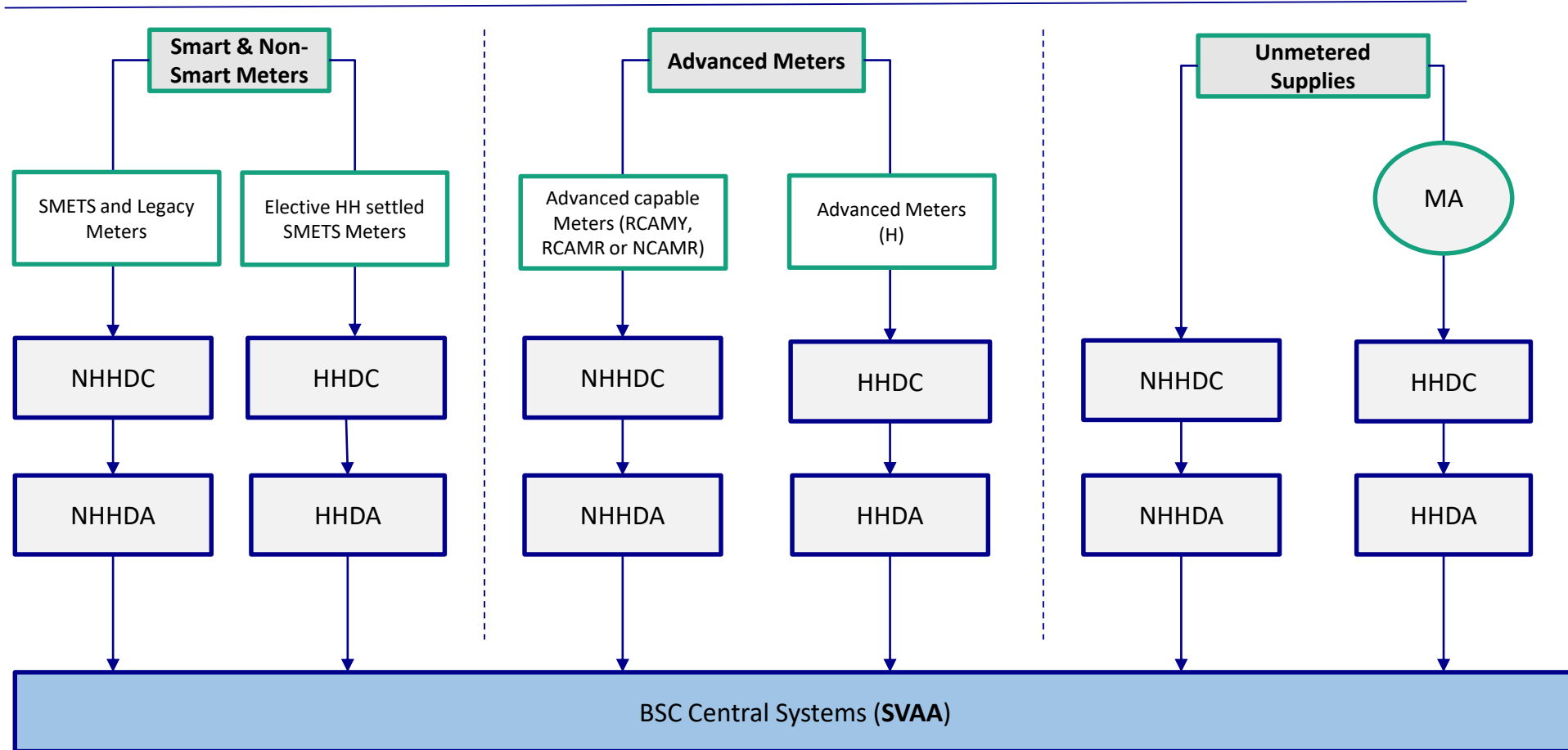


DWG TRANSITION APPROACH: RECAP

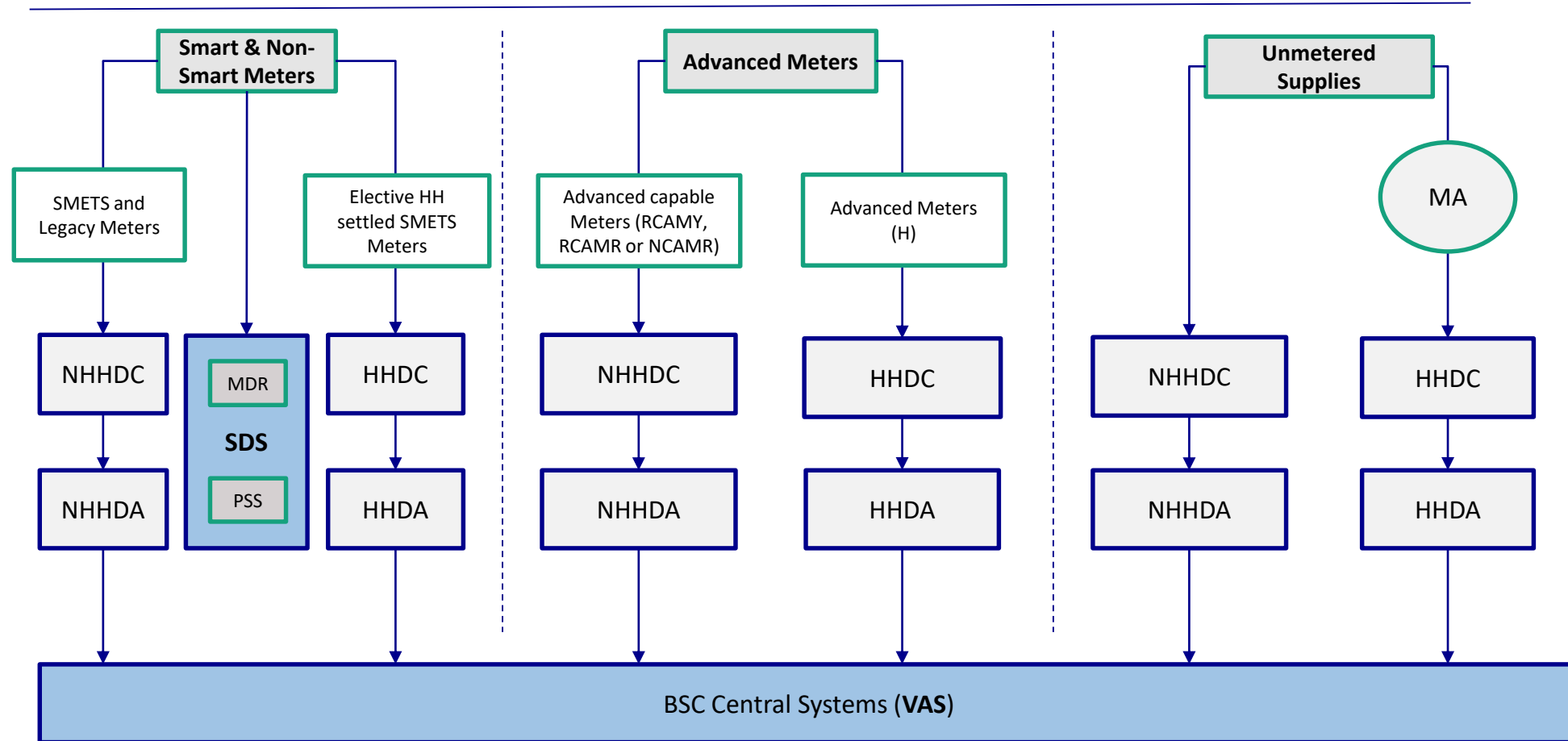
State 0 – Current SVA market arrangements



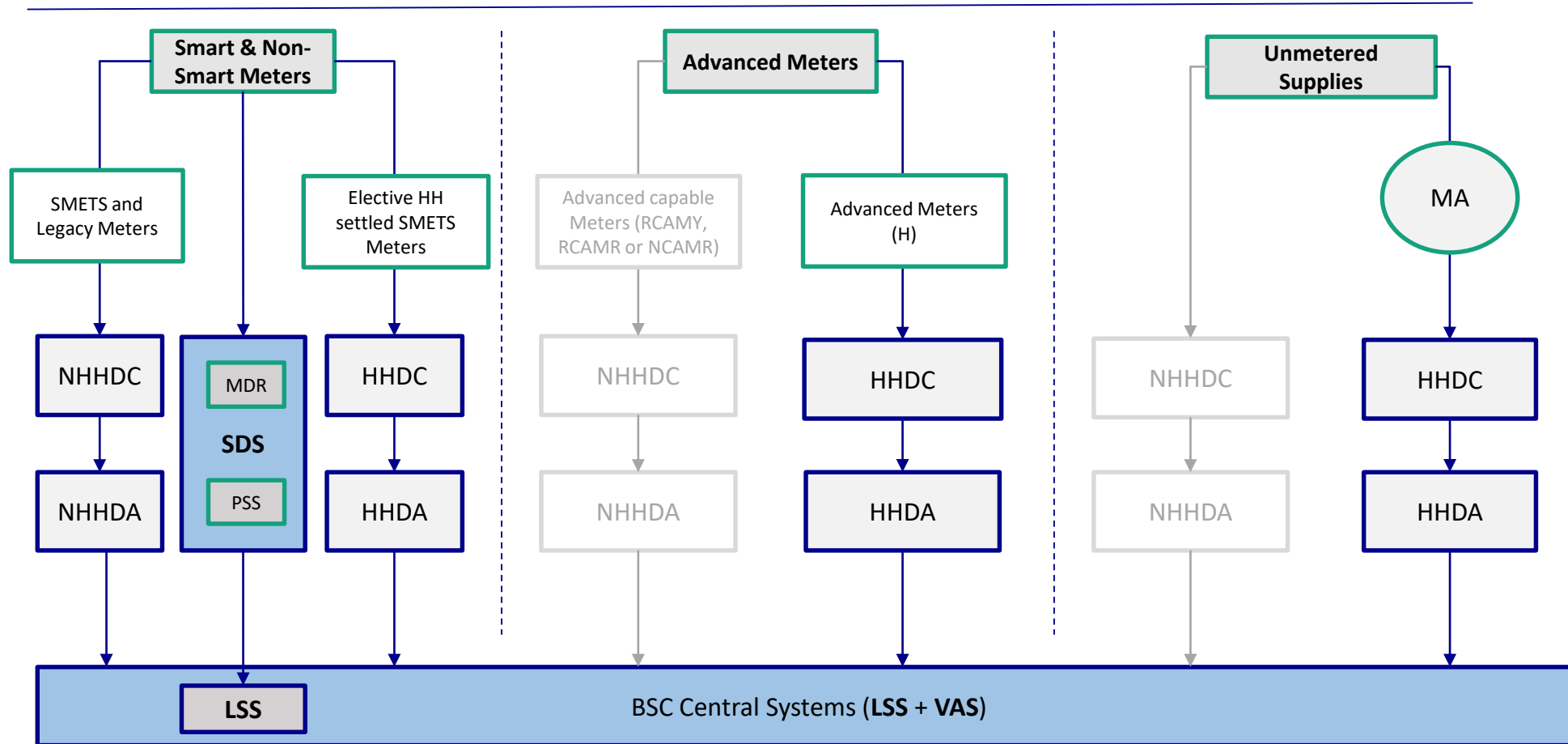
State 1 – Pre-transition



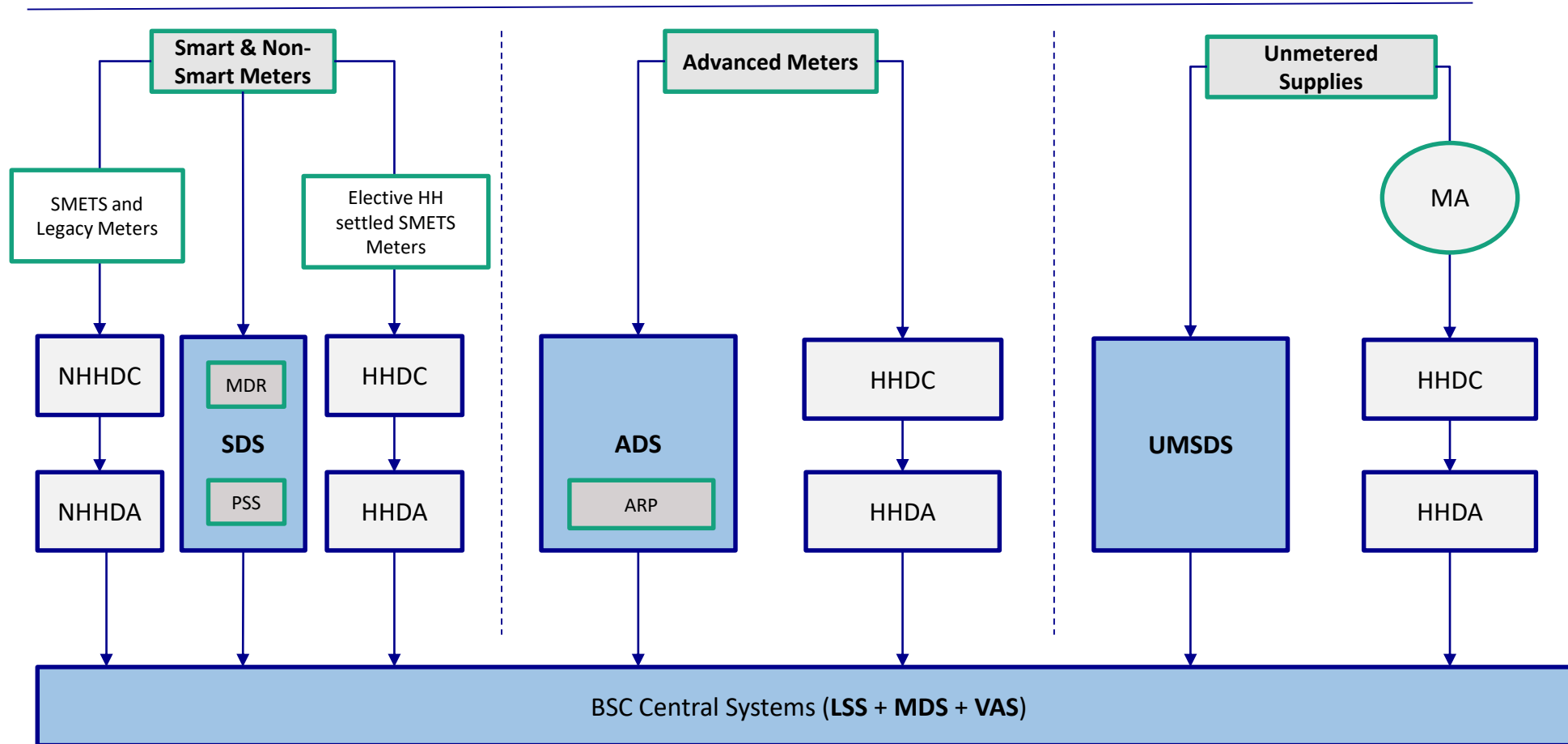
State 2 – Qualification of new TOM Services



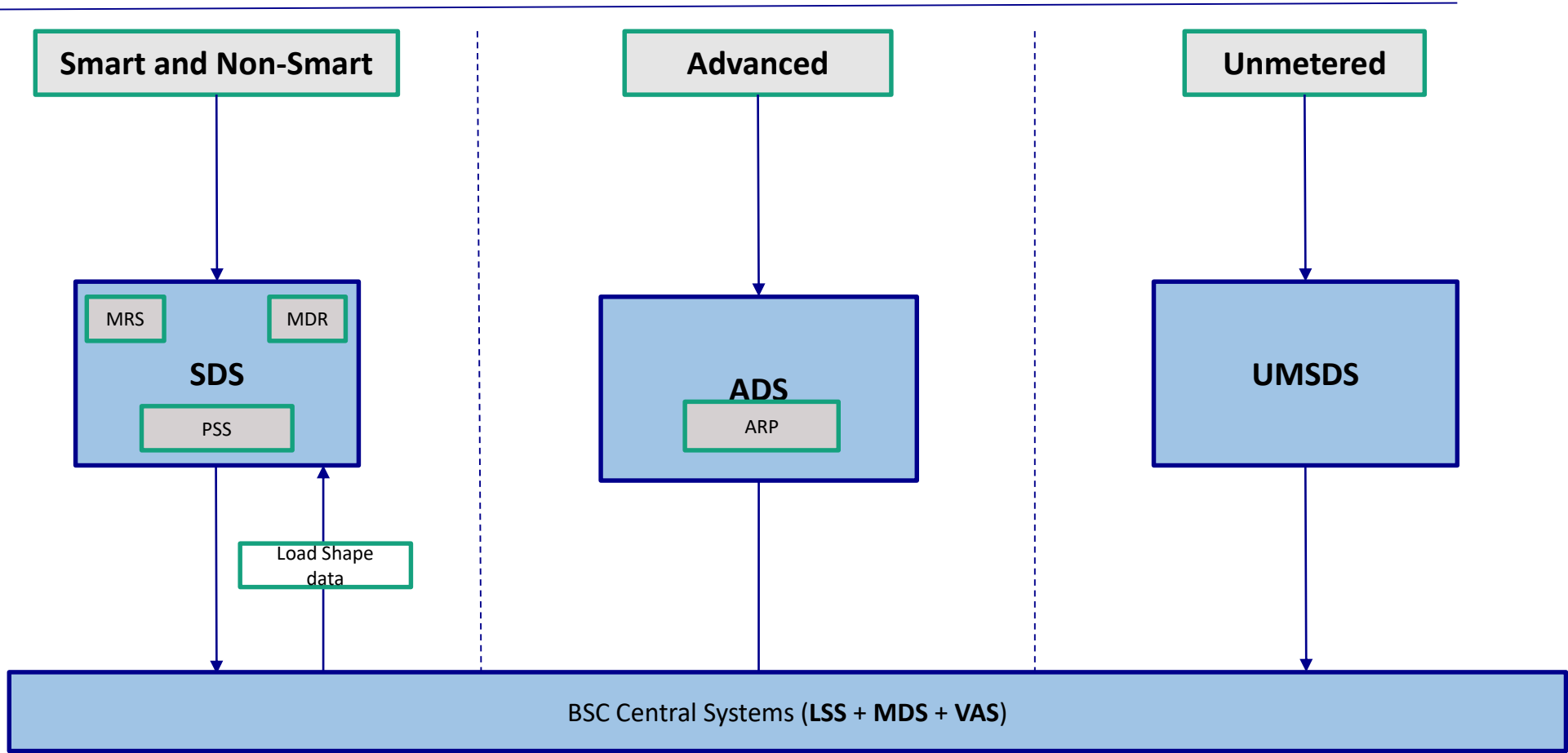
State 3 – Migration/adoption of metering systems



State 4 – Parallel running with new TOM and existing services



State 5 – Cutover to TOM with new settlement timetable





ADVANCED TRANSITION STRAW MAN

Advanced Transition straw man – DWG consultation themes and estimated numbers

Question 6: Do you agree with the phased approach proposed for the Advanced Market Segment?

Yes	No	Neutral/Other	Not Answered
16	2	2	5

Key Themes

- Should qualify ADS before any migration so that HHDA doesn't need to be upgraded to handle higher volumes of data.
- Advanced meters are first being upgraded to HH under current process, then moved to the TOM. Need to avoid issues as with P272.
- Need to consider customer-appointed agents.
- Incorrect assumption: non-domestic customers have a choice of metering and many WC sites will continue with advanced meters on an enduring basis.
- Shouldn't encourage Advanced WC to change to smart meters.

Row Labels	Sum of Count
CT	319,671
H	244,511
Domestic	79
Non-Domestic	244,432
NHH AMR	75,160
Domestic	27,892
Non-Domestic	47,268
WC	1,018,111
H	61,380
Domestic	865
Non-Domestic	60,515
NHH AMR	956,731
Domestic	89,208
Non-Domestic	867,523
(blank)	
Grand Total	1,337,782

Advanced Transition straw man – high level sequence (1)

Enabling governance changes

Align BSC definitions of Advanced Meter with the Supply Licence

Set explicit HH settlement and remote communications obligations for CT Metering Systems

Enabling registration data items and central services

Populate the Registration Service with required data items prior to migration

- Connection Type
- Market Segment

Connection Type can be populated based on a rule derived from MC and LLFC Id. Once populated, the Connection Type for new MPANs can be set directly by the LDSO at the point of connection.

MDS needs to be in place to migrate HHDC/DA-serviced MPANs to ADS-serviced MPANs. The direct adoption/migration of NHH settled MPANs into the TOM (without CoMC) cannot occur before this is ready.

LSS needs to be in place to migrate opted out domestic Advanced customers. Customers expected to opt out should not be moved to settle HH ahead of migration via CoMC if the HHDC cannot support it.

Advanced Transition straw man – high level sequence (2)

Qualification requirements for MHHS services

Develop a 'full' ADS and MSA qualification, and an incremental Qualification from existing roles 'HHDC to ADS' and 'HHMOA to MSA' (subject to how an HHMOA will be qualified post-REC)

High level transition sequence

The transition sequence can be broken down into the following phases and 'tranches' of MPANs:

Pre-migration (requires only the correct population of new registration data items)

Tranche P1 - All NHH-settled CT MPANs moved to settle HH through existing CoMC process

Tranche P2 - All NHH WC AMR MPANs *attempt* to move HH through existing CoMC process

Migration (requires ADS, MDS and LSS to be available and, where relevant, qualified)

Tranche M1 - Opted out domestic CT Advanced MPANs migrate directly from NHH

Tranche M2 - Opted out WC domestic or NHH-settled AMR MPANs remaining from tranche P2

Tranche M3 - Post-CoMC HH settled CT Advanced MPANs from Tranche 1 migrated over to the TOM

Tranche M4 - Post-CoMC HH settled WC Advanced MPANs from Tranche 2 migrated over to the TOM

*What is the optimal prioritisation for NHH and HH tranches?

Advanced Transition straw man – Registration Service and Central Services requirements

‘Release 1’ – addition of data items for pre-migration

- Connection Type
- Market Segment

‘Release 2’ – additional capability to enable migration/adoption

- New interfaces for ADS and MSA
- Service Identifiers for MSA and ADS*
- MDS to replace Data Aggregator
- LSS to support migration of opted-out customers

*Which active Market Participant Roles are required (in ISD and Registration) to enable migration to start?

‘Release 3’ – additional functionality not necessarily needed prior to migration start

- Service appointments with rejections and Change of Segment



UMS TRANSITION STRAW MAN

The first Step for Supplier, MAs and HHDCs:

- Cleanse erroneous or non-existent UMS MPANs
- Disconnect where no longer exist
- Develop an agreed plan to migrate portfolio of NHH UMS MPANs to HH

UMS Migration – CoMC activity

The UMISO, Supplier, MA and HHDC:

- BSCP520 3.6.1.2 - request new HH MPANs for all (or part) of portfolio, as per agreed plan
- Register as Supplier for new HH UMS MPANs. MPANs to be identified as de-energized
- Appoint agents
- UMISO to MA: Advise and validate inventory
- Determine date for energisation of new UMS MPAN and de-energisation of NHH MPANs
- Disconnection old NHH UMS MPANs

Once BSC Central and Registration changes deployed:

- Testing of new systems to be able to multi-party interaction
- Qualification of relevant parties
- All new UMS MPANs, from a date, to be traded immediately HH

UMS Migration – UMS adoption and BAU

Once systems are ready and tested (Supplier, UMSO and UMSDS):

- Develop an agreed plan to migrate portfolio of HH UMS MPANs to new arrangement
- Initiate adoption in the new market arrangements
- All new UMS MPANs, from a date, to be traded immediately in the new arrangements



ACTION UPDATES

Action 11/08 – MDD data cleanse

‘Elexon to highlight to the SVG that there is an opportunity to remove any existing unused SSCs and TPRs ahead of MHHS’

Discussed by SVG on 5 January:

- A SVG member said he was in favour if it also covered valid combinations
- Another SVG member said other MDD items should be in scope
- Elexon agreed to bring back a paper on the scope and approach once discussed with the CCDG
- What do you believe the scope and approach should be?



DCC/SEC DISCUSSIONS UPDATE



NEXT STEPS