



Each Home Counts Implementation Plan Template

1. Name of Workstream:

Recommendation 22: Industry should work together effectively to ensure that smart meters can be installed in as many properties as possible, regardless of property type.

2. Purpose and Objectives

The purpose of this workstream is to ensure that industry collaborates effectively, where possible, to ensure that smart meters can be installed in as many properties as possible.

The objectives of this workstream are:

- To ensure that Dual-band comms hubs are produced to enable suppliers to utilise the 868hrz HAN solution where the 2.4GHz solution does not provide the required HAN propagation;
- To ensure that Alt HAN is developed so that smart meters may be installed in properties where the 2.4GHz and 868hz do not provide the required HAN propagation;
- To ensure that common operational challenges are resolved as efficiently as possible utilising, where possible, collaborative industry engagement. This includes the development of relevant best practice, where possible.

Energy UK has led the industry lobby for the requirement for the Smart DCC to deliver Communications Hubs with the capability to operate at both the 2.4GHz, and the 868MHz frequency in order to improve the connectivity of smart meter devices in approximately 30-35% of homes where the current 2.4GHz HAN solution will not be sufficient.

In addition to the requirement for Dual-Band Communications Hubs, Energy UK was instrumental in pushing BEIS to facilitate new regulatory arrangements to establish the Alternative HAN Company who are responsible for establishing and delivering HAN connectivity in buildings of Multiple Occupancy, where the standard HAN arrangements are not sufficient. Alternative HAN arrangements will typically be required in blocks of flats (both high-rise, and low-rise buildings) where there is a significant distance between the smart electricity meter and other HAN connected smart metering equipment (such as a smart gas meter and In-Home Display unit).

3. Workstream Lead

Audrey Gallacher - Energy UK

4. Members of the Workstream

Working alongside key stakeholders responsible for direct delivery of technical solutions including:

Smart DCC – responsible for delivering Dual-Band Communications Hubs;

Alternative HAN Company – responsible for delivering the arrangements for provision of Smart Metering HAN Solutions in multiple-occupancy buildings (blocks of flats).

5. Connection with other workstreams



Compatibility Review Sheet.xlsx

This work stream is directly related to the Workstream for EHC Recommendation 21: Industry should work together to ensure that the capacity and skills of smart meter installers deliver a safe and efficient roll-out.

6. Key Activities (with timings and outputs)

Energy UK has no direct responsibility for the delivery of products and services associated with Recommendation 22. All suppliers must submit roll-out plan to Ofgem, last submitted on 31/01/18.

The Smart DCC are expected to include the delivery of Dual-Band Communications Hubs within its next major systems release, Release 2, currently scheduled for delivery in 2018. The Alternative HAN Company has its own plans and delivery timetable to which it is delivering against.

The BEIS Smart meter operations group (SMOG) pools best practice and seeks solutions for common issues in relation to the operational delivery of the rollout.

Group	Timing	Activity	Relevant output
Smart Meter Operations Group (SMOG)	Monthly	Discuss operational challenges related to the roll out; facilitate stakeholder communication around impediments with a view to improving roll out efficiency.	Workstreams include: <ul style="list-style-type: none"> - Aborted installations - WAN coverage - HAN coverage - Health and Safety - Microgeneration on site - Single fuel operational challenges

7. Resourcing

The Smart DCC is responsible for resourcing its activities for the delivery of Dual-Band Communications Hubs, and the Alternative HAN Company is responsible for resourcing its activities for the delivery of Alternative HAN arrangements.

8. Risk Management

Risks:

1. The Smart DCC is unable to deliver Dual-Band Communications Hubs in its planned next major systems release, Release 2.
2. Alternative HAN Company is unable to deliver the required arrangements in the required timescales.

9. Activities in the last month

None to report.

10. Activities in the next month

BEIS and DCC are looking to baseline the system requirements for Release 2 via the Technical Business Design Group.