
Smart Meters: Unlocking the Future



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>12.8m meters operating (dom/non-dom) >250,000 SMETS2 installed

A million installed each quarter in 2018

<https://www.gov.uk/government/collections/smart-meters-statistics>

**8 out of
10** people
with a smart
meter would
recommend
them

88% of
prepay
customers said
it had made
topping up
easier

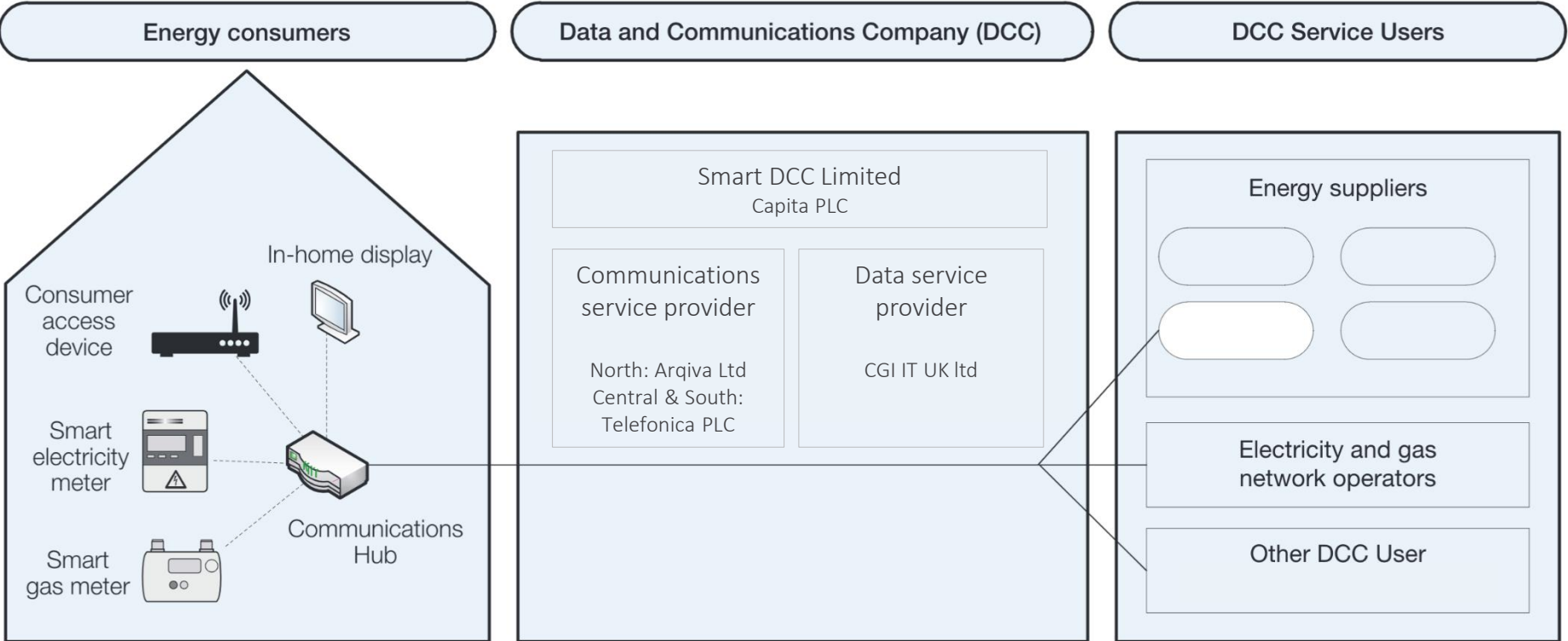
**More
than 80%**
taken steps to
reduce energy
waste

More benefits for consumers who monitor trends and anomalies in their energy use

[SEGB Smart Energy Outlook October 2018](#) [Smart Meter Customer Experience Study 2016-18](#) [Smart meters and energy usage December 2018](#)



The smart metering system:



There are two routes to can gain access to data (given consumer consent)...

Data access route 1 - DCC

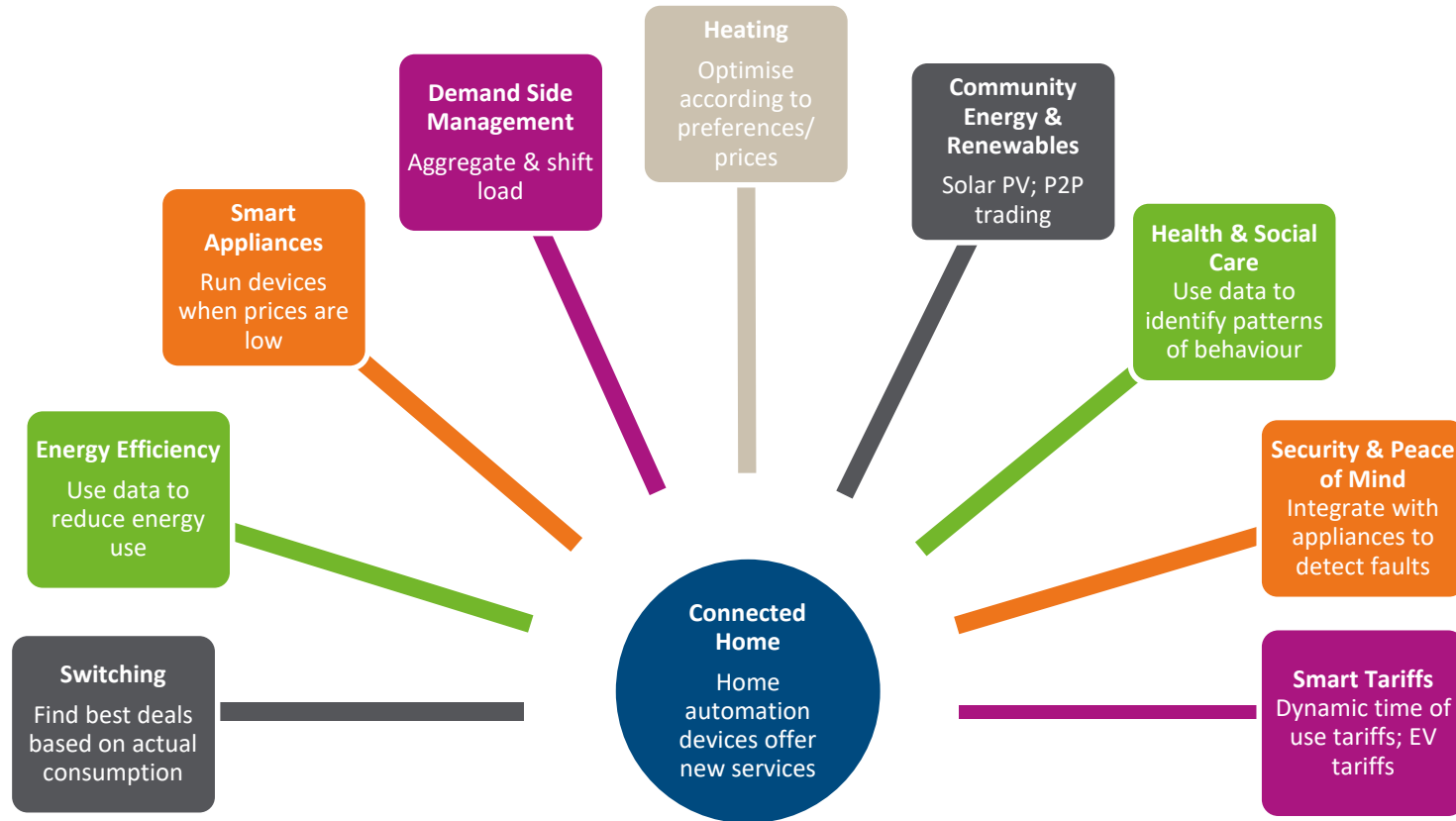
- No additional equipment required
- Companies can access data by
 - becoming DCC Other User themselves
 - partnering with a DCC User to access data via the DCC
- Data available
 - Half hour gas and electricity consumption data available
 - Tariff information

Data access route 2 - CAD

- CAD is any device that supports ZigBee Smart Energy
- CAD can access data once paired to the HAN (DCC Other user or Supplier)
- Data is sent to service provider via chosen connectivity option (3G/4G/wifi)
- Data available
 - Near real time electricity data available
 - Tariff information



Innovation opportunities are already emerging...



Smart meter innovation funding focused on non-domestic sectors, EVs and efficiency

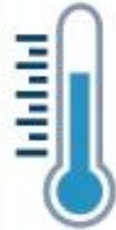


£3 MILLION

of funding to demonstrate smart charging of electric vehicles

£5 MILLION

available to develop new tools using smart meter data to measure the Thermal Efficiency of homes



£8.8 MILLION

made available by Government to drive smart meter innovation in schools, retail and hospitality sectors



Smart Meters: Unlocking the Future

New publication highlighting how smart meters can support innovation in new consumer technologies and services. Including:

- demand side response
- time-of-use tariffs
- electric vehicles
- switching
- micro-generation
- energy efficiency
- health and social care

Smart Meter: Progress Report for 2018

