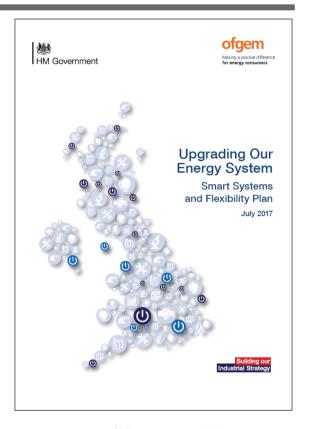
Examples of UK domestic DSM activities

Smart Energy Policies

Tom Ritchings, Clean Electricity, BEIS

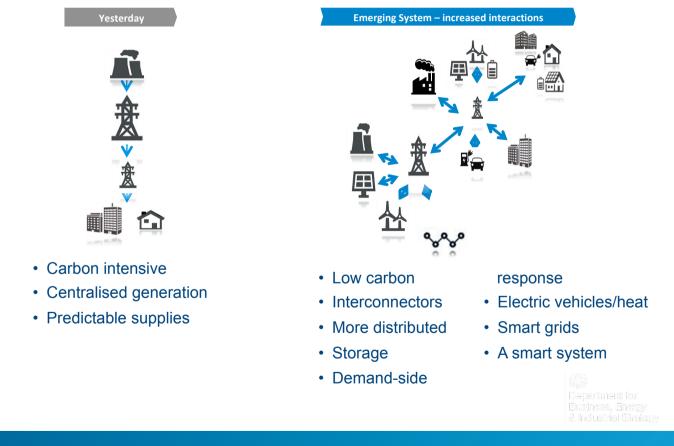
Upgrading our Energy System: Smart Systems & Flexibility Plan





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Our energy system is undergoing fundamental change



Rapid technology change, new business & consumer opportunities

Lithium-ion battery costs have fallen by more than 50% since 2012.





EV sector growing; charging hardware deploying, and can help manage grid demands with V2G

Smart meter roll out underway – more choice and control in the home





Aggregators working with market leaders to deliver / monetise demand response

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Removing barriers to smart technologies





Markets that work for flexibility



Deliver regulatory clarity and ensure fair charges to create a level playing field

- Define storage and ownership rules
- Deliver a storage licence
- Planning reform
- Recalibrate policy/ network charges
- Enable co-location with renewables

Enable greater demand response participation among domestic and nondomestic consumers

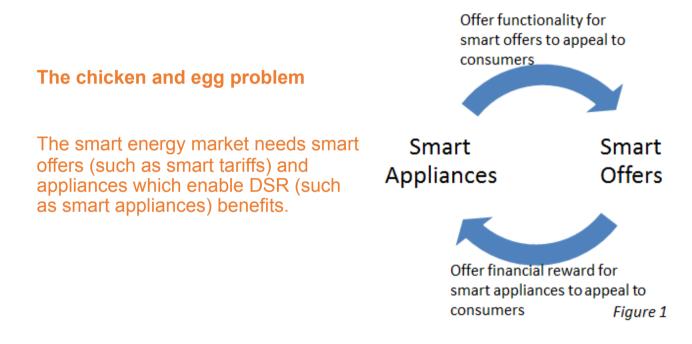
- Deliver smart meters
- Enable time of use
 pricing
- Appliance standards to enable automation & ensure cyber security
- Consumer protections

Ensure markets allow the best flexible solutions to emerge and compete fairly

- Improve access to markets (e.g. Balancing Mechanism & Ancillary Services)
- Enable value stacking from different markets
- Create new markets for network requirements

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