# **SAVE Project**

September 2018 Charlie Edwards: charlie.edwards@sse.com



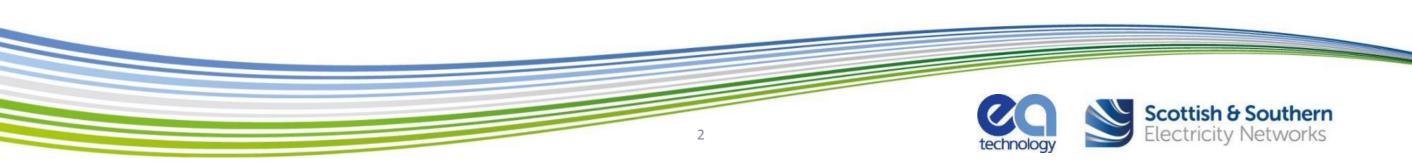
### **SSEN overview**

Scottish and Southern Electricity Networks owns:

- two electricity distribution networks
- one electricity transmission network
- +100,000 substations
- +130,000 km of overhead lines and underground cables
- +100 submarine cable links

We serve 3.5 million customers across one third of the UK's landmass.



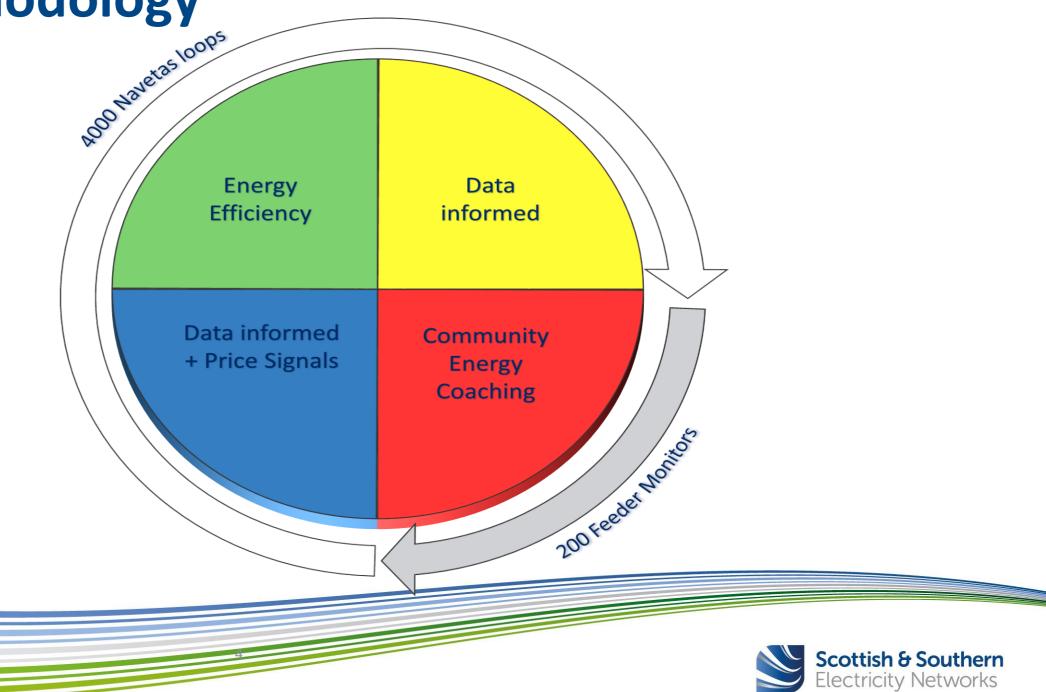


### **Our Innovation Portfolio**



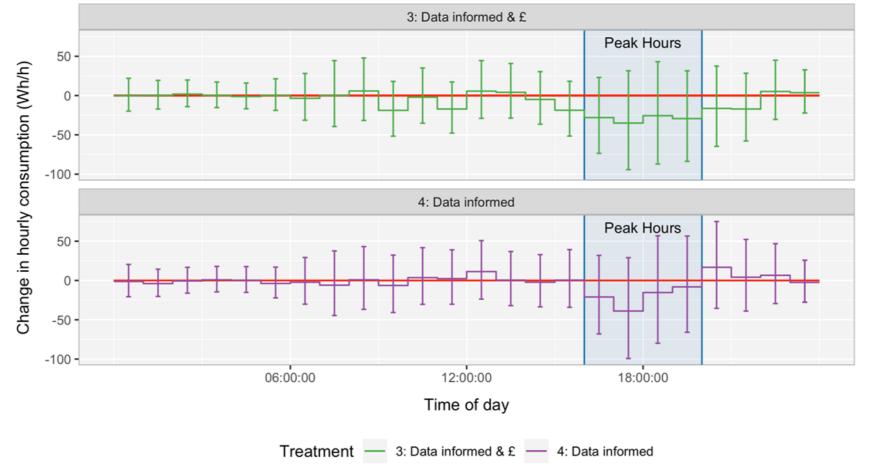
technology

### **SAVE Methodology**





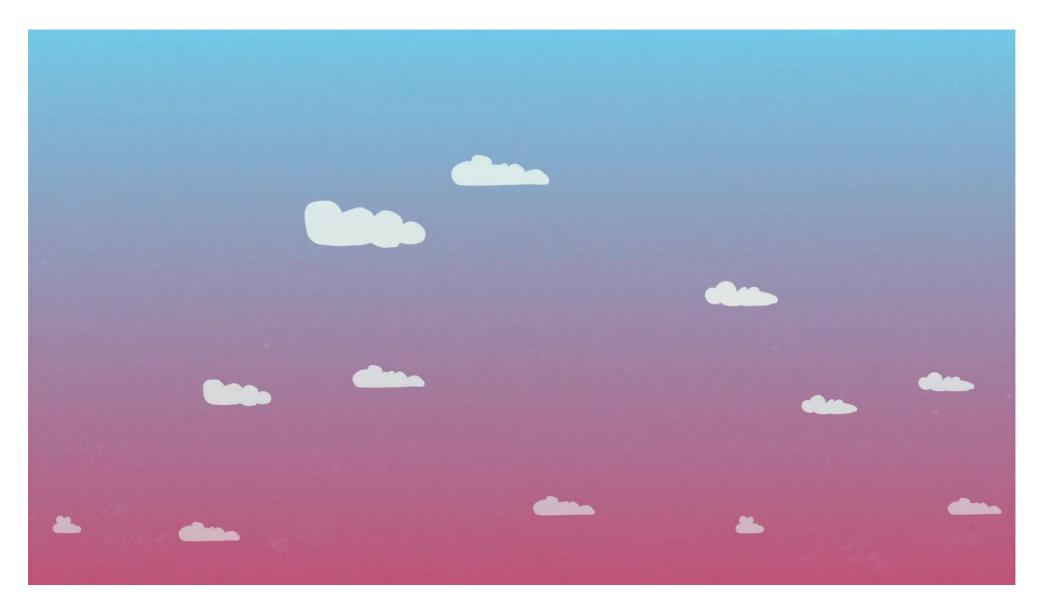
### **Price Signals – latest findings**

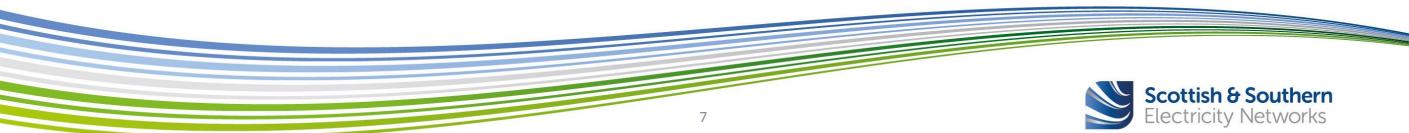


SAVE sample households: 2017-11-13 to 2017-11-26 Sample size: Control = 861, Treatment = 794 & 791 Error bars indicate 95 percent confidence interval for estimates









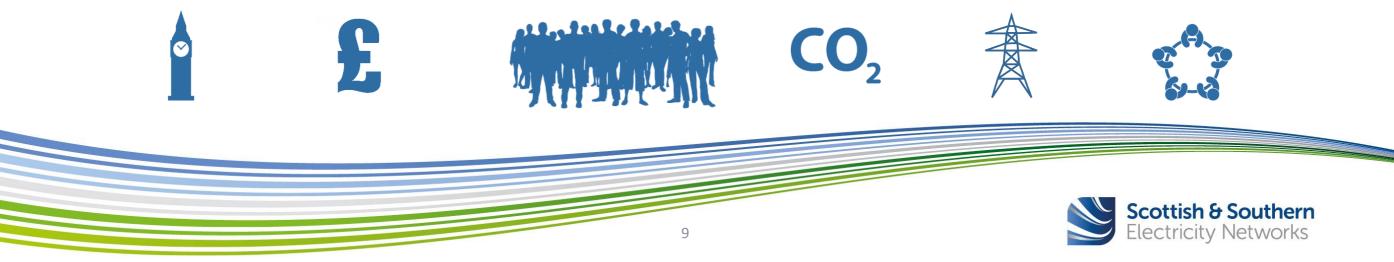
# **Energy Efficiency**

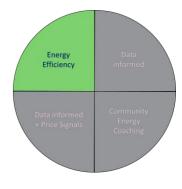


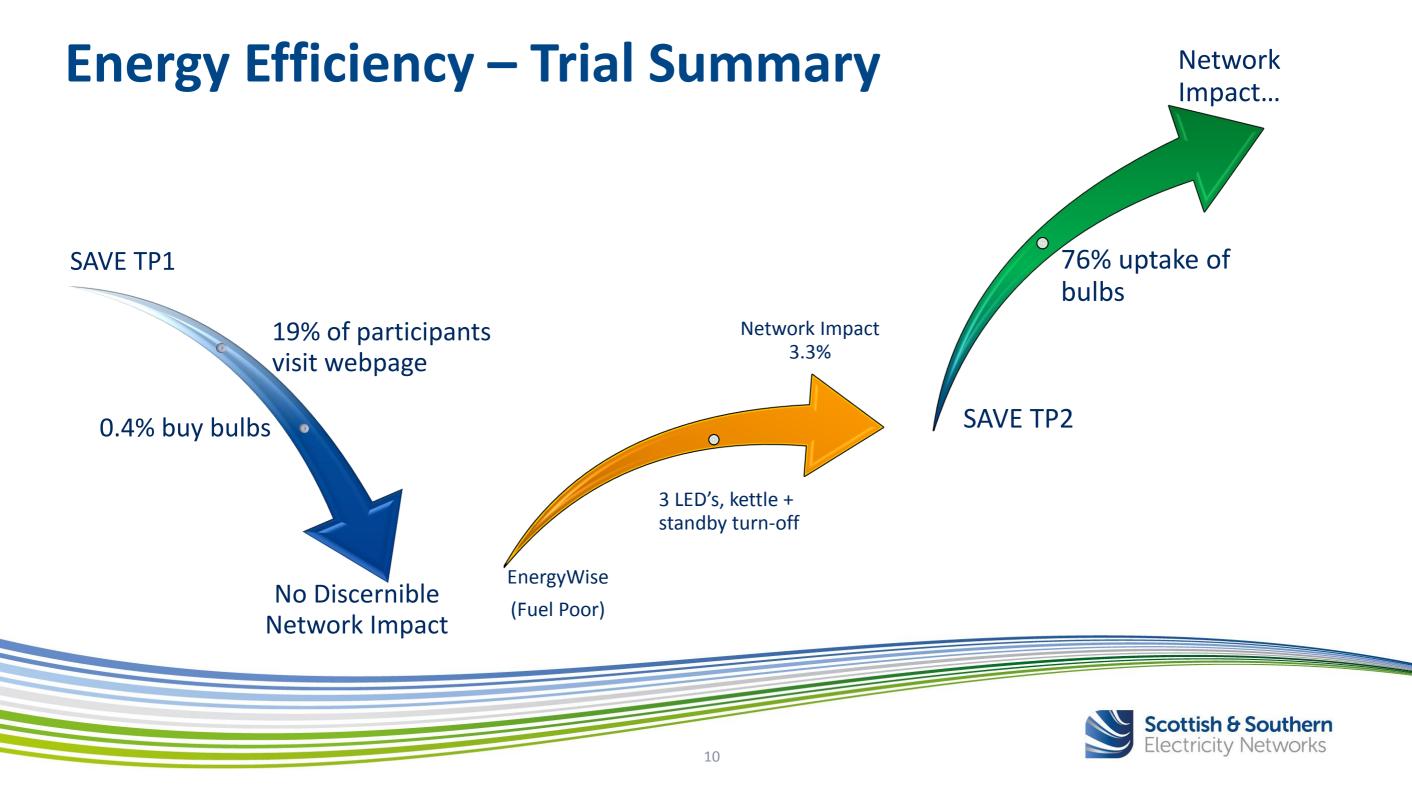
### Starting with the end in mind

Imagine a world where...

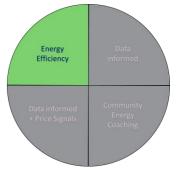
- Customers don't just know who their utilities are but have a positive relationship with them
- DNO's top broader measures scores and customer satisfaction scores
- Worst served circuits are minimised and addressed with wider engineering and social benefits
- DNO's work closely with stakeholders to deliver load reduction on our networks
- Instead of reinforcing we use current assets smarter saving money and carbon
- DNO's are the facilitators of domestic energy efficiency supporting the governments transition to a low carbon economy and zero carbon buildings
- DNO's have perfect records of vulnerable customers and can readily engage and support those most in need



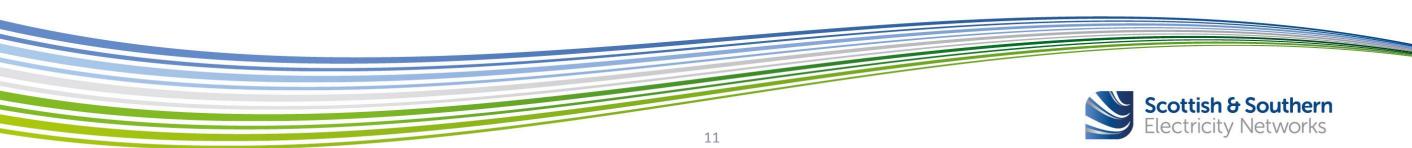




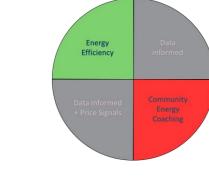
### **Energy Efficiency – Results**

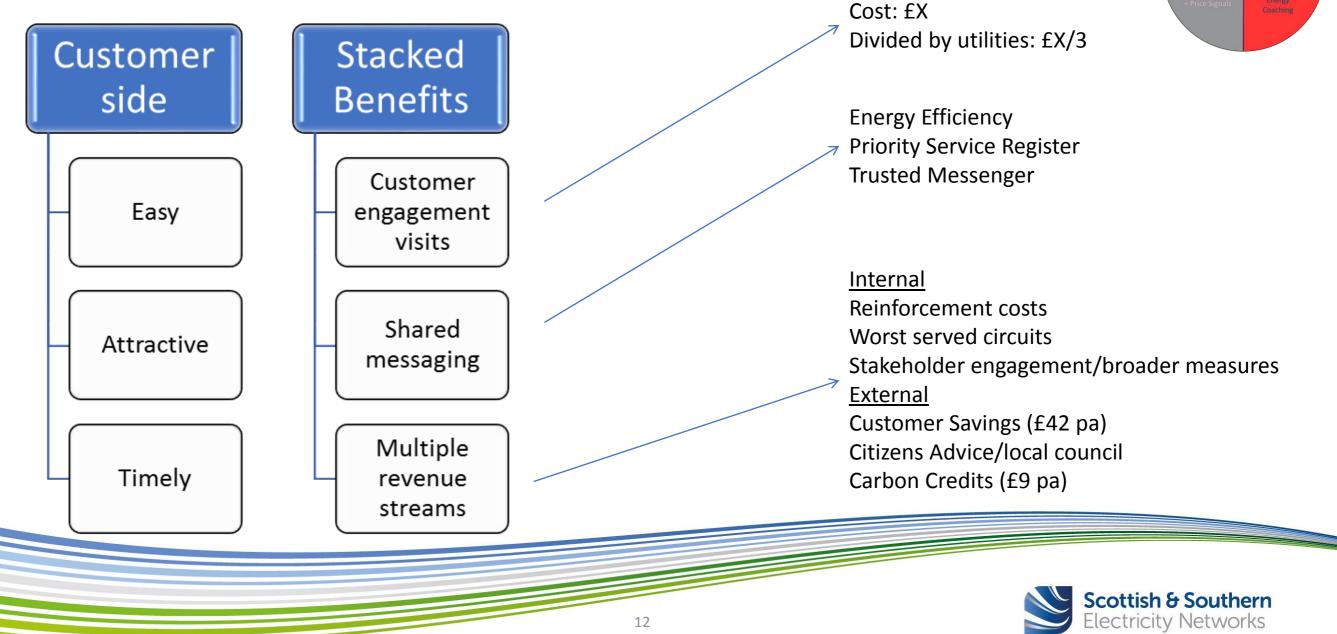


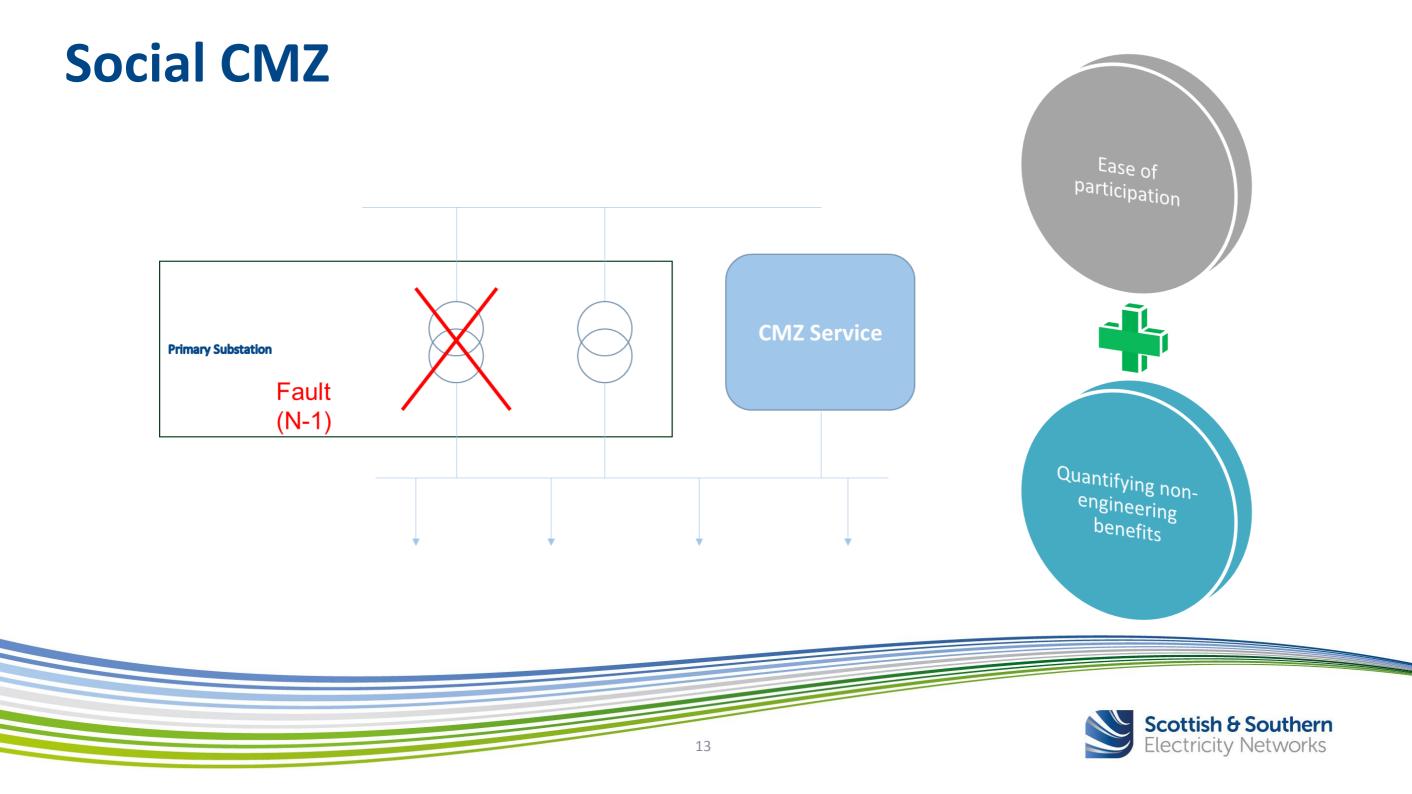




## **Bringing it all together - BaU**









#### **Solent Achieving Value from Efficiency**

Starting with the end in mind...

- Customers don't just know who their utilities are but have a positive relationship with them
- Your DNO tops broader measures and customer satisfaction scores
- Worst served circuits are minimised and addressed with wider engineering and social benefits
- DNO's work closely with stakeholders to deliver load reduction on our networks
- Instead of reinforcing we use current assets smarter saving money and carbon
- DNO's are the facilitators of domestic energy efficiency supporting the governments transition to a low carbon economy and zero carbon buildings
- DNO's have perfect records of vulnerable customers and can readily engage and support those most in need



