

BUILDING SMART CITIES TOGETHER

SHARINGCITIES



This project has received funding from the European Union's Horizon 2020 research and innovation programme under Grant Agreement N° 691895

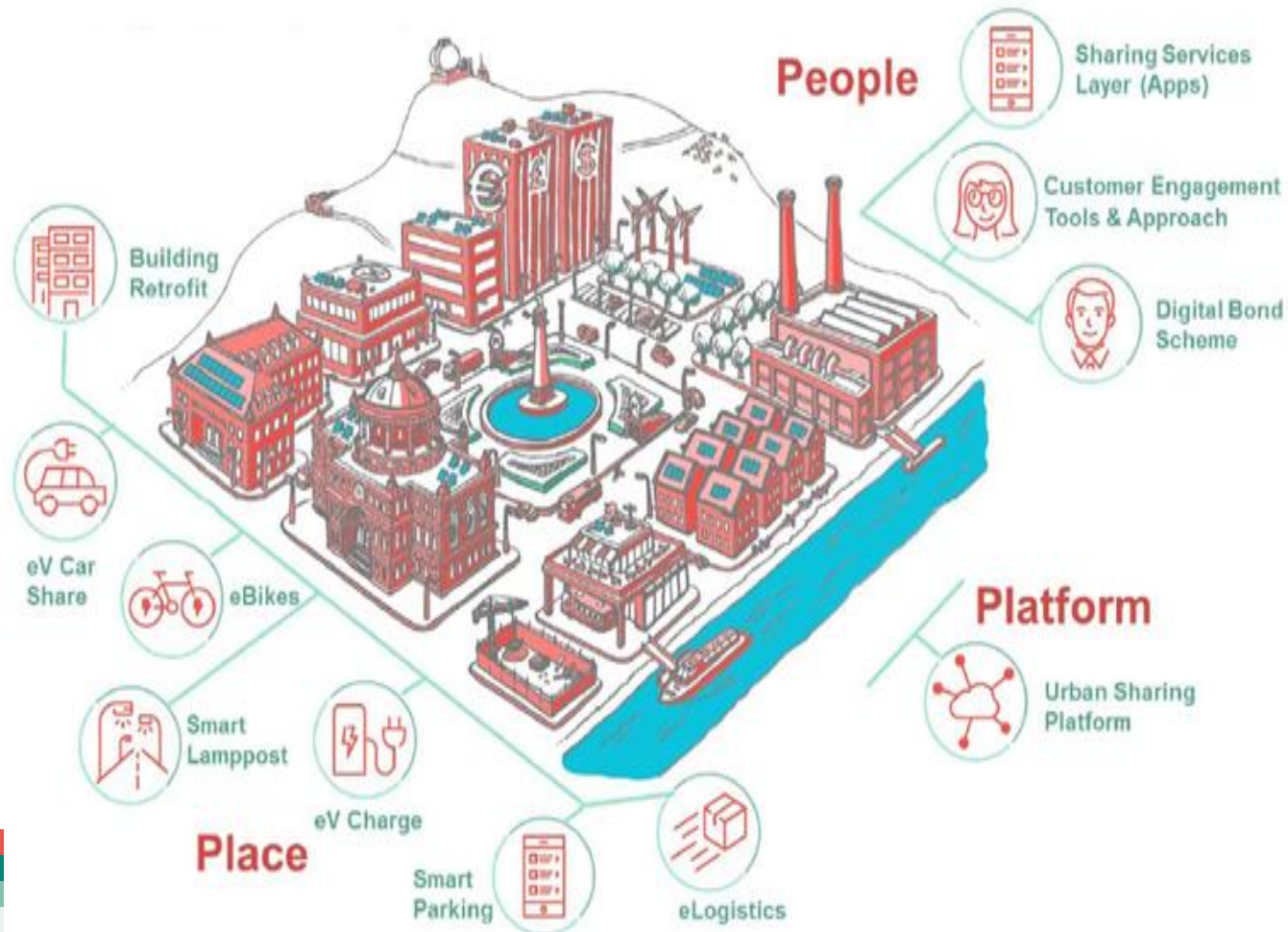


Introduction to the Sharing Cities programme

- Funded by EC H2020 Programme
- €25M across 30 partners in 6 cities
- 3 lead cities, 3 fellow cities
- 3 years implementation, 2 years monitoring
- Only 3 H2020 cities in the UK
- Royal Borough of Greenwich as the London demonstrator



Programme areas of focus



Energy and Council owned social housing- Greenwich context

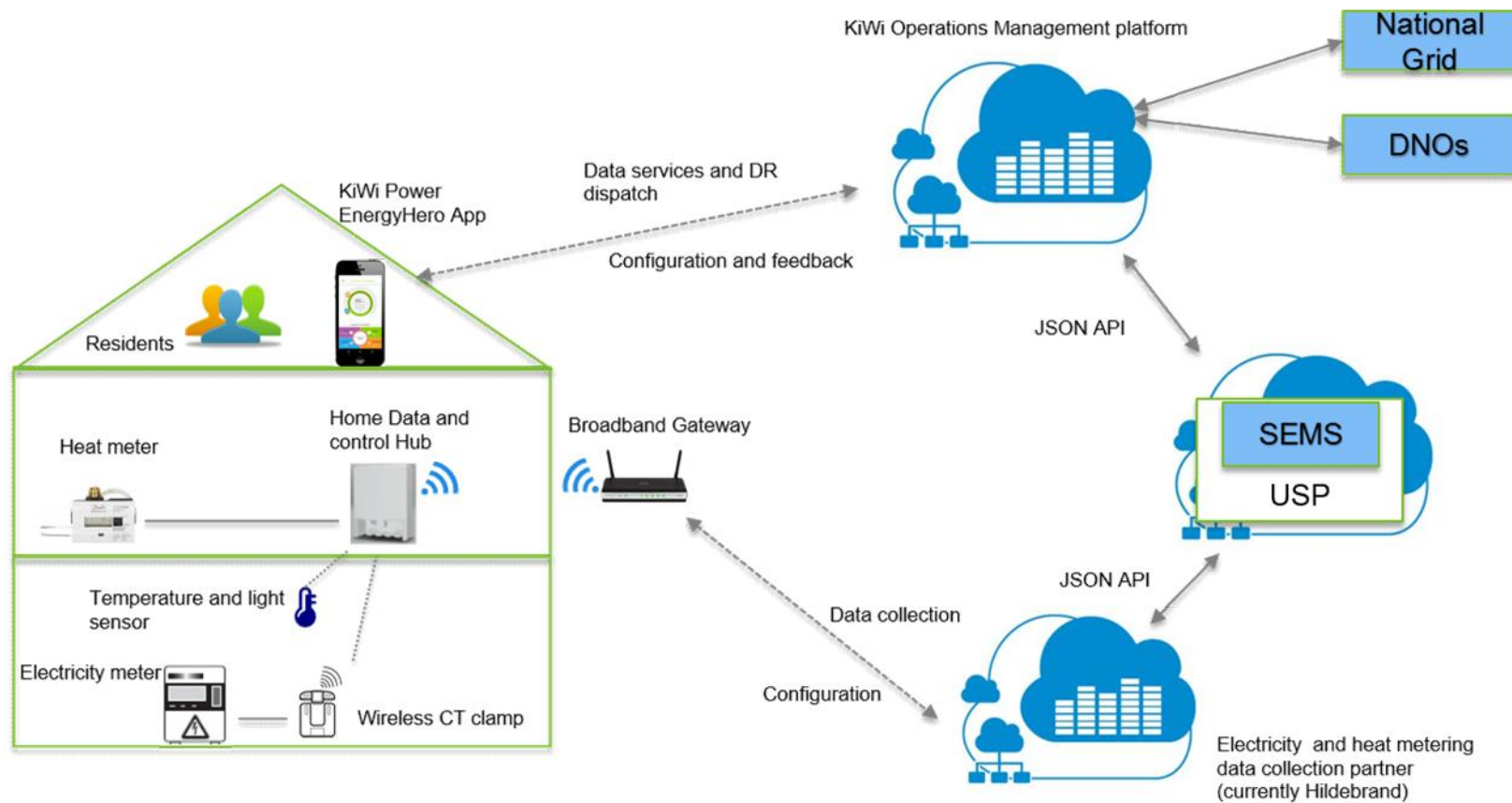
- 23,000 properties
- 90 communal heating systems
- Commitments to:
 - Improve housing stock
 - Tackle fuel poverty
 - Reduce emissions from heating stock



Figure 1. Estimated fuel poverty in Greenwich by ward in 2014 (Source: DECC, 2014).

4. Sustainable Energy Management Systems and advanced process control

- Demand response from residential electricity customers





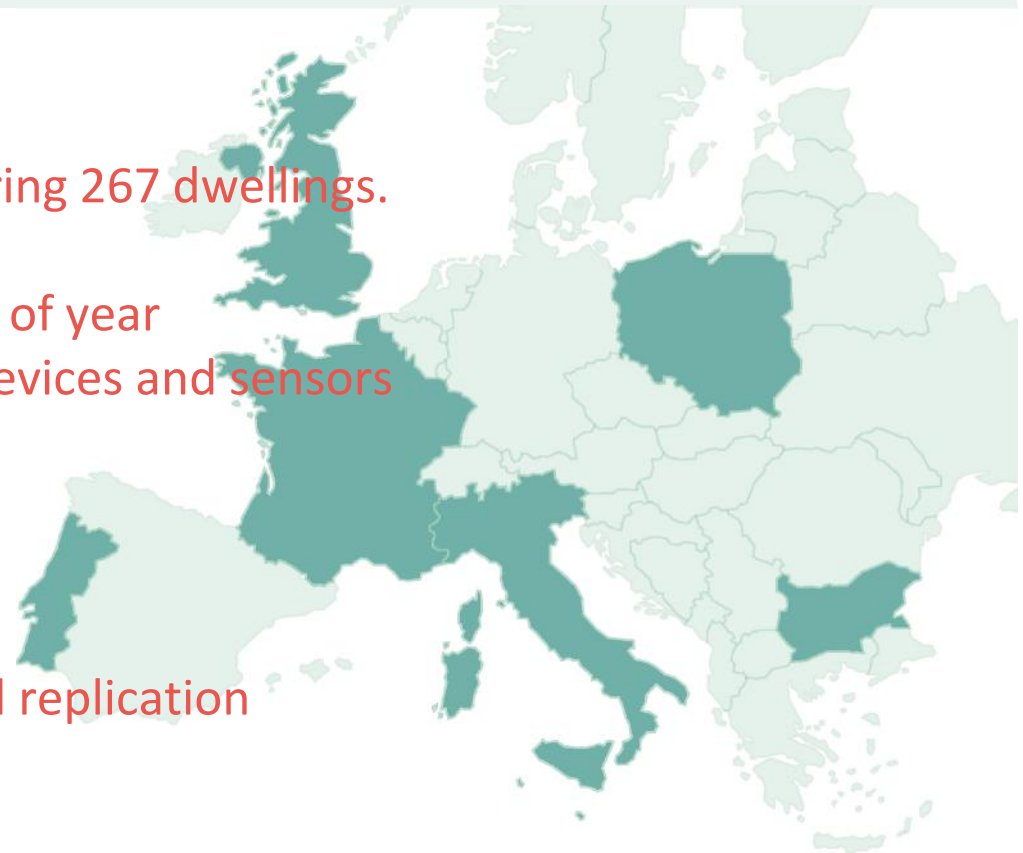
Conclusions and next steps for Greenwich and the wider programme

Greenwich

- 1st phase focussing on 2 estates, covering 267 dwellings.
- Start retrofit works in October
- Completing modelling of SEMS by end of year
- Already receiving data from trials of devices and sensors
- Building platform

Sharing Cities programme

- Implementation phase
- Focus on outputs in terms of tools and replication
- Scale up





E-mobility

FOCUS: Develop mobility as a service, furthering the shift from personal vehicle use to low carbon shared and connected mobility

