Project ID	DIP086		
Long Title	Sharing Cities		
Short Title			
Keywords	Region; Urban; Multi-sector/Grid; Electricity; Heat; Transport; Solar PV; Smart Grids; Active Network Management; Virtual Power Plant; Smart Devices; Electric & Hybrid Vehicles; Smart Transport Networks; Transport System Enablers; Policy; Stakeholder Engagement & Behaviour Change; Energy Strategy Development;		
Location (Town, Region, Country)	Greenwich	London	England
Latitude and Longitude	51.29N	0.00W	
OSGB code	TQ 390 780		
Status	Ongoing		
Start Date	2016		
End Date	2020		
Description	Implement Integrated Energy Management System to integrate and optimise energy from all sources in districts (and interface with city-wide system); including demand response measures. Conduct deep energy retrofits of public/private residential properties affecting 15,000 people. This includes integration of low-carbon energy sources, physical modernisation, digital controls, and promote policy innovations and citizen/private incentives to save energy. A portfolio of inter-connected initiatives supporting the shift to low carbon shared mobility solutions. Install a network of eV charging stations, and integrate them with overall place-based measures (building refurbishment; PV; lampposts; energy management system) to support shift from conventional cars to electric vehicles. Adjust ambitions to actual reduction in car ownership and facilitate practice exchange amongst the cities and enable learning from different city contexts and ownership models to support EU-wide take-up. Demonstrate smart lighting integrated with other smart service infrastructure (eV charging stations; smart parking; traffic monitoring via sensors; data management, wifi, etc). A swift and secure way to 'bootstrap' smart cities.		
Sectors	Domestic, non-domestic, transport		
Funding Sources	Horizon 2020		
Budget £	€8.76 million (UK allocation)		
Partners	Greater London Authority, Royal Bourough of Greenwich, Future Cities Catapult, Imperial College, Siemens PLC, Urban DNA Solutions, Concirrus, Mastodon C		
Energy vectors	Electricity, Heat, Transport		

Scale (lab/site/ small/community/region/national)	Region
Technologies demonstrated	Smart controls, EV charging, low energy buildings, intelligent lighting, active network management
Economic models demonstrated	Consumer behaviour change incentives, virtual power plant/market aggregation, community engagement
Other concepts demonstrated	Demand response, low carbon retrofits, energy efficiency retrofits
Industry engagement	
Consumer engagement	
Project Reports (incl. links)	http://www.sharingcities.eu/sharingcities/deliverables http://www.sharingcities.eu/sharingcities/knowledge-platform
Datasets (incl. links)	
Website/social media	http://www.sharingcities.eu/
Information sources	https://cordis.europa.eu/project/rcn/200153_en.html