

Project ID	DIP009		
Long Title	Cambridgeshire Solar Carport		
Short Title	Carport		
Keywords	Single Site; Electricity; Transport; Solar PV; Direct Electric Storage; Electric & Hybrid Vehicles; Smart Transport Networks; Transport System Enablers; Energy Strategy Development; Alternative Suppliers & Tariffs;		
Location (Town, Region, Country)	St. Ives	Cambridgeshire	England
Latitude and Longitude	52.32N	0.06W	
OSGB code	TL 319 711		
Status	Ongoing		
Start Date	2017		
End Date	Undefined		
Description	<p>Cambridgeshire County Council has received planning permission for what it claims will be the UK's largest solar carport. The installation, which will be developed at the site of St Ives' Park & Ride, is anticipated to be 948kW in size and combined with a battery storage system as part of a wider demonstrator project with collaboration from distribution network operator UK Power Networks (UKPN).</p> <p>The council is combining with central government, St Ives town council, UKPN and local businesses in a bid to turn the scheme into a replicable model for future smart grid deployment. Should it prove successful, it is hoped that further systems of similar size and scope could be deployed elsewhere.</p> <p>The car park will be covered by three main canopies fitted with solar modules. Generated electricity will be used first and foremost to power LED lighting and adjacent electric vehicle charging points.</p> <p>Any surplus will be stored using the battery system and sold to local customers, helping to finance the project's development.</p>		
Sectors	Non-domestic, transport		
Funding Sources	European Regional Development Fund		
Budget £	£3 million (£1.5m from ERDF)		
Partners	Cambridgeshire County Council, UK Power Networks, Bouygues Energies		
Energy vectors	Electricity		
Scale (lab/single/small /community/region/national)	Small		
Technologies demonstrated	Solar PV, battery storage, EV charging		
Economic models demonstrated			

Other concepts demonstrated	
Industry engagement	Industry partners
Consumer engagement	
Project Reports (incl. links)	
Datasets (incl. links)	
Website/social media	https://www.cambridgeshire.gov.uk/news/innovative-renewable-energy-project-in-cambridgeshire-hits-major-milestone/
Information sources	As above