

Project ID	DIP104		
Long Title	Step-Up – Energy Planning for Cities		
Short Title			
Keywords	Single Site; Urban; Domestic; Electricity; Heat; Solar PV; CHP; Nat. Gas.; Thermal Storage; Microgrids; Smart Devices; Social Impacts;		
Location (Town, Region, Country)	Glasgow		Scotland
Latitude and Longitude	55.84N		4.21W
OSGB code	NS 618 634		
Status	Complete		
Start Date	2012		
End Date	2014		
Description	<p>The Commonwealth Games Athletes' Village is the first large scale carbon neutral project in Scotland and has two key objectives:</p> <ul style="list-style-type: none"> <li>• Regeneration of Glasgow's East End with a new approach to sustainable housing</li> <li>• Reduction of fuel poverty and creation of affordable heat in one of the poorest parts of the city <ul style="list-style-type: none"> <li>• The Commonwealth Games Athletes' Village comprises 700 new homes joined to a local district heating system, housed in a purpose built new Energy Centre.</li> <li>• The village will, post-Games, become an eco-friendly community with both private and social housing residents in a family and pedestrian-friendly environment.</li> <li>• The Village will have state-of-the-art ICT providing a model for other developments to follow.</li> </ul> </li> </ul>		
Sectors	Domestic		
Funding Sources	FP7 Energy / Scottish Government / Glasgow City Council		
Budget £	Undefined		
Partners	Glasgow City Council, SP Power Systems Limited, University of Strathclyde		
Energy vectors	Electricity, Heat		
Scale (lab/site/ small/community/region/national)	Community		
Technologies demonstrated	Smart meters, thermal storage, solar PV, microgrids, CHP, heat network, low energy buildings		
Economic models demonstrated	Community engagement, fuel poverty alleviation		
Other concepts demonstrated			
Industry engagement			
Consumer engagement			

Project Reports (incl. links)	<a href="https://www.stepupsmartcities.eu/Portals/51/Documents/3%20point%20%20reports/Glasgow%20Commonwealth%20Games%20Athletes%20Village.pdf">https://www.stepupsmartcities.eu/Portals/51/Documents/3%20point%20%20reports/Glasgow%20Commonwealth%20Games%20Athletes%20Village.pdf</a>
Datasets (incl. links)	
Website/social media	<a href="https://www.stepupsmartcities.eu/Default.aspx?tabid=3732&amp;aid=2112&amp;rid=3382">https://www.stepupsmartcities.eu/Default.aspx?tabid=3732&amp;aid=2112&amp;rid=3382</a>
Information sources	<a href="https://cordis.europa.eu/project/rcn/186983_en.html">https://cordis.europa.eu/project/rcn/186983_en.html</a>