

NiCE funding fiche: FP7 - ICT for Data Centres in an energy-efficient and environmental friendly Internet

Call & reference	Smart cities 2012 FP7-SMARTCITIES-2013		Deadline	04/12/2012	
Funding programme	FP7		EC Service	DG Research	
Objectives	Objective ICT-2013.6.2				
Details	<p>Challenge 6: ICT for a low carbon economy/ <i><u>Objective ICT-2013.6.2: Data Centres in an energy-efficient and environmental friendly Internet</u></i></p> <p><u>Aim:</u> to address system level technologies and associated services that will improve the energy and environmental performance of data centres</p> <p><u>Target outcomes:</u></p> <ul style="list-style-type: none">a) software and hardware system level technologies and associated services that monitor energy consumption and automatically optimise powerb) systems for the integration of networks of renewable energy sources for powering data- centres situated in urban agglomerationsc) systems for the efficient use by urban installations of the heat that is produced by a network of data centresd) efficient integration of data centres under smart grid/smart city schemese) contribution to standard and industry bodies that develop methods and standards on the measurement of the energy and environmental footprint of data centresf) appropriate validation of the resulting systems <p><u>Expected impact:</u></p> <ul style="list-style-type: none">• quantifiable and significant improvement of the overall resource efficiency of data centres• development at demonstration stage of Data Centres powered at levels of 80%or above by renewable energy sources• contribution to the creation of new market opportunities <p><u>Funding schemes:</u> STREP</p>				
Total budget for this call	€209 million (95 for ICT)	Indicative budget distribution for this objective	20 million	Co-financing rate	
Further information	http://ec.europa.eu/research/participants/portal/page/cooperation?callIdentifier=FP7-SMARTCITIES-2013				

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