

NiCE funding fiche: FP7- ICT for Smart Energy Grid

Call & reference	ICT Call 11 FP7-ICT-2013-11		Deadline	16/04/2013	
Funding programme	FP7		EC Service	DG Research	
Objectives	Objective: ICT-2013.6.1				
Details	Challenge 6: ICT for a Low Carbon Economy/ <i>Objective: ICT-2013.6.1 Smart Energy Grid</i> <u>Aim:</u> to explore the potential of bringing together stakeholders from both the energy utilities and the telecom sector to develop common approaches for future digital networks and smart energy services infrastructure for electricity distribution <u>Target outcomes:</u> <ul style="list-style-type: none">a) sharing of backbone infrastructure and last mile connectivity, considering not only technologies but also appropriate business models to deliver significant cost and investment savingsb) improving robustness and reliability of the existing telecommunication infrastructure in order to cope with mission critical services that require milliseconds response timesc) ICT technologies for active electricity network management, demand/response, load balancing, and forecasting and congestion managementd) developing telecommunications services and platforms specific for energy distribution taking into account control of access to customer information and consumer data, data ownership and associated level of security and use of data, business models, system reliability, long term availability, and avoidance of vendor lock-in <u>Expected impact:</u> <ul style="list-style-type: none">• reduction of the percentage of energy lost during energy distribution• reduction of the gap between energy produced and energy consumed• increase of renewable energy sources and Combined Heat and Power- CHP connected to the distribution grid• reduction and shifting of peak loads• number of publications jointly authored by researchers from ICT and energy <u>Funding schemes:</u> STREP				
	Total budget for this call	€ 236.5 million	Indicative budget distribution for this objective	STREP: 18 million	Co-financing rate
Further information	http://ec.europa.eu/research/participants/portal/page/cooperation?callIdentifier=FP7-ICT-2013-11				

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