

## NiCE funding fiche: FP7- ICT for Future Networks

Call & reference	ICT Call 11 FP7-ICT-2013-11		Deadline	16/04/2013	
Funding programme	FP7		EC Service	DG Research	
Objectives	Objective ICT- 2013.1.1				
Details	<p><b>Challenge 1: Pervasive and Trusted Network and Service Infrastructures/ <i>Objective: ICT- 2013.1.1 Future Networks</i></b></p> <p><u>Aim:</u> to develop future broadband (fixed and mobile) networks which will be energy efficient, secure, and robust, and will use spectrum flexibly and efficiently</p> <p><u>Target outcomes:</u></p> <ul style="list-style-type: none"><li>a) next generation heterogeneous wireless and mobile broadband systems, based on flexible spectrum usage and reduced EMF and interference</li><li>b) high throughput, low-latency infrastructures, based on dynamic all- optical networks and hybrid wireless and cable networks</li><li>c) internet architectures enabling innovation in network virtualization, specifically through programmability of network functions and protocols</li><li>d) tighter integration of satellite and terrestrial communications technologies, as a critical infrastructure, in particular for public safety/ security applications</li><li>e) coordination and support actions for (re)structuring the research effort in the sector</li></ul> <p><u>Expected impact:</u></p> <ul style="list-style-type: none"><li>• developing key enabling technologies for the future generations of the European high-speed broadband and mobile network infrastructure</li><li>• improved flexibility and economic, spectral, and energy efficiency of access/transport infrastructures</li><li>• strengthened positioning of European industry in the fields of future internet technologies, mobile and wireless broadband systems, optical networks, and network management technologies</li><li>• contributions to standards and regulation as well as related IPR</li><li>• adoption by network operators of integrated all-optical networks and of spectrum-flexible broadband wireless systems (by 2020)</li></ul> <p><u>Funding schemes:</u></p> <p>a), b), c), d): IP, STREP</p> <p>e) CSA</p>				
Total budget for this call	€ 236.5 million	Indicative budget distribution for this objective	IP/STREP: 46.5 million, of which a minimum of 50% to IPs and 30% to STREPs  CSA: 2 million	Co-financing rate	
Further information	<a href="http://ec.europa.eu/research/participants/portal/page/cooperation?callIdentifier=FP7-ICT-2013-11">http://ec.europa.eu/research/participants/portal/page/cooperation?callIdentifier=FP7-ICT-2013-11</a>				

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