



## Green digital library

In its goal of supporting cities implement green digital measures, NiCE has developed a green digital library.

This library aims at being a central access point for information on:

- **FUNDINGS** – through downloadable funding fiches developed by the NiCE project summarising key aspects of the main funding opportunities currently available for cities
- **POLICY** – providing a list of downloadable related policy documents, classified according to different application areas of green digital measures

Have a look also at our [Useful links](#) and [Glossary](#) pages in the [Resource](#) section of this website.



### FUNDING

Download here the funding fiches developed by the NiCE project

- [EE-F- Energy](#) (PDF)
- [ELENA CEB – Energy](#) (PDF)
- [ELENA EIB – Energy](#) (PDF)
- [FP7- ICT-2013-10 ICT for Governance and Policy Modelling](#) (PDF)
- [FP7- ICT-2013-10 ICT for Co-operative Mobility](#) (PDF)
- [FP7- ICT-2013-10 ICT for ensuring more efficient, higher quality public services](#) (PDF)
- [FP7- ICT-2013-10 High quality Cloud Computing environment for public sector needs](#) (PDF)
- [FP7- ICT-2013-10 ICT for International Partnership building and support to dialogues](#) (PDF)
- [FP7-ICT-2013-11 ICT for Future Networks](#) (PDF)
- [FP7-ICT-2013-11 ICT for more efficient and affordable solutions for digital preservation developed and validated against public sector needs through PCP](#) (PDF)
- [FP7-ICT-2013-11 ICT for Smart Energy Grid](#) (PDF)
- [FP7-ICT-2013-11 ICT for water resources management](#) (PDF)
- [FP7-SMARTCITIES-2013 ICT for Data Centres in an energy efficient and environmental friendly Internet](#) (PDF)
- [FP7-SMARTCITIES-2013 ICT for Integrated personal mobility for Smart Cities](#) (PDF)

### POLICY



#### BUILDINGS

- [The role of ICT in Energy Efficiency- 2011.10](#) (PDF)
- [Energy-efficient buildings PPP-2010 \(part 1 and part 2\)](#) (PDF)
- [2010.07-ICT Supported Energy Efficiency in Construction-2010.07](#) (PDF)
- [ICT for a Low Carbon Economy-2010](#) (PDF)



#### CROSS-DOMAIN

- [European Commission communication for Cloud Computing in Europe-2012.09](#) (PDF)
- [European Commission communication for smart cities and communities-2012.07](#) (PDF)
- [European Commission communication for Horizon 2020-2011.11](#) (PDF)
- [EPC\\_Economic recovery to a greener economy-2010.pdf](#) (PDF)
- [CONCERTO- A Cities' Guide to a Sustainable Built Environment-2010](#) (PDF)
- [Action Plan for Sustainable Construction-2007.12](#) (PDF)



#### GREEN ICT

- [TOUR 2012-13 EUROPE brochure English-2012](#) (PDF)
- [Living labs and EU innovation policy-2011.06](#) (PDF)
- [European Commission communication for Digital Agenda-2010.08](#) (PDF)
- [A Green Knowledge Society-2009.09](#) (PDF)
- [European Commission communication on ICT for low-carbon economy-2009.03](#) (PDF)
- [Ad-hoc Advisory Group Report-2008.10](#) (PDF)



#### ENERGY

- [European Commission recommendation on Smart Metering-2012.03](#) (PDF)
- [European Commission SmartGrid Mandate-2011.03](#) (PDF)
- [ICT4EE-2011.03](#) (PDF)

- [IEE2 Programme Ex-Ante-2011](#) (PDF)
- [JRC Report SmartGrid projects in Europe-2011](#) (PDF)
- [Working Group 2 ICT4EE-2010.04](#) (PDF)
- [Set-Plan-2010](#) (PDF)
- [OECD Relationship between ICT and Environment-2009.07](#) (PDF)
- [Smart Electricity Distribution Networks-2009.07](#) (PDF)
- [Advisory Group Report ICT4EE-2008.10](#) (PDF)
- [European Commission communication on ICT4EE-2008.05](#) (PDF)
- [European SmartGrids Technology Platform-2006](#) (PDF)



#### PUBLIC LIGHTING

- [Street Lighting and Traffic Lights Technical Background Report-2011](#) (PDF)
- [EU GPP Criteria for Street Lighting and Traffic Lights-2007.01](#) (PDF)
- [VITO Public Street Lighting Final Report-2007.01](#) (PDF)



#### TRANSPORT

- [European Commission Action Plan on intelligent Transport Systems in Action-2011](#) (PDF)
- [European Commission Report on Intelligent Transport Systems-2010](#) (PDF)
- [CIVITAS Overview-2008](#) (PDF)



#### EU-CHINA

- [Joint Statement of the 12th EU-China Summit-2009.11](#) (PDF)
- [Joint Statement of the 8th EU-China Summit-2005.09](#) (PDF)
- [EU and China Partnership on Climate Change-2005.09](#) (PDF)
- [Joint Declaration on Climate change between Europe and China-2005.09](#) (PDF)
- [EU-China Science and Technology Cooperation Agreement-2000.01](#) (PDF)



#### OTHER SECTORS



## NiCE funding fiche: EEE-F - Energy

<b>Call &amp; reference</b>	European Energy Efficiency Fund (EEE-F)	<b>Deadline</b>	31/12/2014 (proposals can be submitted at any time to the Deutsche Bank)
<b>Funding programme</b>	European Energy Efficiency Fund (EEE-F)	<b>EC Service</b>	DG Energy Operator: Deutsche Bank
<b>Objectives</b>	The EEE-F aims to provide market-based financing for commercially viable public energy efficiency, renewable energy and clean urban transport projects related to public sector activities in the 27 EU member countries.		
<b>Details</b>	<ul style="list-style-type: none"> <li>• energy efficiency</li> <li>• renewable energy projects and clean urban transport, particularly in urban settings</li> <li>• sustainable energy investments promoted by local, regional and (where justified) national public authorities, could include but are not limited to energy saving measures in public and private buildings; investments in high efficient combined heat and power (CHP), including micro-cogeneration and district heating/cooling networks; investments in decentralized renewable energy sources, including micro-generation; clean urban transport; the modernization of infrastructure, such as street lighting and smart grids, as well as investments in sustainable energies with a potential for innovation and growth.</li> </ul>		
<b>Total budget for this call</b>	€ 265 million	<b>Co-financing rate</b>	It will be co-financed to a maximum of 50% and should be embedded in comprehensive urban sustainability plans covering at least energy, transport and ICT.
<b>Further information</b>	<a href="http://www.eeef.eu/home.html">http://www.eeef.eu/home.html</a>		

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## NiCE funding fiche: ELENA CEB - Energy

<b>Call &amp; reference</b>	ELENA CEB - European Local ENergy Assistance - Social Housing Operator: Council of Europe Development Bank (CEB)	<b>Deadline</b>	31/12/2014 (proposals can be submitted to the CEB at any time)
<b>Funding programme</b>	IEE II	<b>EC Service</b>	DG Energy
<b>Objectives</b>	<p>The ELENA is a grant facility which provides support to public entities that want to develop energy efficiency or renewable energy investment projects benefitting disadvantaged regions or populations.</p> <p>Proposals can be submitted and funding agreements signed until 31/12/2014, except if the amount allocated to the CEB ELENA facility has been exhausted before that date.</p>		
<b>Details</b>	<ul style="list-style-type: none"> <li>• retrofitting housing</li> <li>• schools and hospitals</li> <li>• investing in district cooling and heating networks</li> <li>• improving the energy efficiency of trams and buses</li> </ul>		
<b>Total budget for this call</b>	€5 million	<b>Co-financing rate</b>	Up to 90% of the costs related to feasibility studies, energy audits, tendering processes or the unit in charge of preparing and implementing such projects.
<b>Further information</b>	<a href="http://www.coebank.org/Upload/pdf/en/ceb_elena_brochure.pdf#search=%22elena%22">http://www.coebank.org/Upload/pdf/en/ceb_elena_brochure.pdf#search=%22elena%22</a>		

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### NiCE funding fiche: ELENA EIB - Energy

<b>Call &amp; reference</b>	ELENA EIB - European Local ENergy Assistance, European Investment Bank	<b>Deadline</b>	31/12/2014 (proposals can be submitted any time directly to the EIB)
<b>Funding programme</b>	IEE II	<b>EC Service</b>	DG Energy
<b>Objectives</b>	ELENA supports developing investment programmes of a certain size normally above 50 million. Proposals can be submitted any time directly to the EIB.		
<b>Details</b>	<ul style="list-style-type: none"> <li>• energy efficiency in public and private buildings, including social housing, and street and traffic lighting;</li> <li>• RES in buildings;</li> <li>• district heating/cooling;</li> <li>• decentralised CHP systems;</li> <li>• urban transport;</li> <li>• freight logistics in urban areas;</li> <li>• local infrastructure, including smart grid and ICT for energy efficiency;</li> <li>• energy-efficient urban equipment;</li> <li>• intermodal transport facilities and</li> <li>• refuelling infrastructures for alternative fuel vehicles</li> </ul>		
<b>Total budget for this call</b>	€15 million	<b>Co-financing rate</b>	90% of eligible costs required for technical support related to a clearly defined investment programme.
<b>Further information</b>	<a href="http://www.eib.org/products/elena/index.htm">http://www.eib.org/products/elena/index.htm</a>		

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## NiCE funding fiche: FP7- ICT for Governance and Policy Modelling

Call & reference	ICT Call 10 FP7-ICT-2013-10	Deadline	15/01/2013		
Funding programme	FP7	EC Service	DG Research		
Objectives	Objective: ICT-2013.5.4				
Details	<p><b>Challenge 5: ICT for Health, Ageing Well, Inclusion and Governance / <u>Objective: ICT-2013.5.4 ICT for Governance and Policy Modelling</u></b></p> <p><u>Aim:</u> use of current ICT tools for collaborative governance and policy modelling for empowerment of citizens and increased transparency in decision- making</p> <p><u>Target outcomes:</u></p> <ul style="list-style-type: none"> <li>a) research focus on policy modelling and stimulation for achieving productivity gains and innovation in public service provision through innovative use of ICT</li> <li>b) coordination and support actions in the following fields: <ul style="list-style-type: none"> <li>b1) roadmapping of research on ICT for innovative public services and governance</li> <li>b2) increased collaboration, on Electronic Identification and Authentication that could be a leverage for European solutions worldwide</li> </ul> </li> </ul> <p><u>Expected impact:</u></p> <ul style="list-style-type: none"> <li>• improved take up of policy making tools by decision makers in public administrations</li> <li>• improved validation of the potential impacts of policies through evidence</li> <li>• stronger evidence of productivity gains and reduction of costs in the provision of public services</li> <li>• evidence of the younger generation contributing to policy formation through social media</li> <li>• increased take up of open and public data for provision of public services</li> </ul> <p><u>Funding schemes:</u></p> <ul style="list-style-type: none"> <li>a) STREP;</li> <li>b) CSA</li> </ul>				
Total budget for this call	€ 567.5 million	Indicative budget distribution for this objective	19 million	Co-financing rate	
Further information	<a href="http://ec.europa.eu/research/participants/portal/page/cooperation?callIdentifier=FP7-ICT-2013-10">http://ec.europa.eu/research/participants/portal/page/cooperation?callIdentifier=FP7-ICT-2013-10</a>				

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## NiCE funding fiche: FP7- ICT for Co-operative mobility

Call & reference	ICT Call 10 FP7-ICT-2013-10	Deadline	15/01/2013		
Funding programme	FP7	EC Service	DG Research		
Objectives	Objective: ICT-2013.6.5				
Details	<p>Challenge 6: ICT for a Low Carbon Economy/ <u>Objective: ICT-2013.6.5 Co-operative mobility</u></p> <p><u>Aim:</u> to make use of cooperative mobility technologies to develop supervised automated driving which is expected to be the most viable long term option for improving both the energy efficiency and safety of individual, public and freight transport by smoother, better informed driving and behavioural change</p> <p><u>Target outcomes:</u></p> <ul style="list-style-type: none"> <li>a) supervised automated driving</li> <li>b) coordination and support actions</li> </ul> <p><u>Expected impact:</u></p> <ul style="list-style-type: none"> <li>• supervised automated driving demonstrated in several EU locations showing measurable effects on energy efficiency and safety</li> <li>• increased level of user acceptance of automated driving</li> </ul> <p><u>Funding schemes:</u></p> <ul style="list-style-type: none"> <li>a) IP, STREP: it is expected that a minimum of one IP is selected</li> <li>b) CSA</li> </ul>				
Total budget for this call	€ 567.5 million	Indicative budget distribution for this objective	a) 23 million b) 3 million	Co-financing rate	
Further information	<a href="http://ec.europa.eu/research/participants/portal/page/cooperation?callIdentifier=FP7-ICT-2013-10">http://ec.europa.eu/research/participants/portal/page/cooperation?callIdentifier=FP7-ICT-2013-10</a>				

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## NiCE funding fiche: FP7- ICT for ensuring more efficient, higher quality public services

Call & reference	ICT Call 10 FP7-ICT-2013-10	Deadline	15/01/2013		
Funding programme	FP7	EC Service	DG Research		
Objectives	Objective: ICT-2013.11.1				
Details	<p><b>Horizontal Actions/ <u>Objective: ICT-2013.11.1 Ensuring more efficient, higher quality public services through Pre-Commercial Procurement of ICT solutions across sectors of public interest</u></b></p> <p><b><u>Aim:</u></b> to bring radical improvements to the quality and efficiency of public services by supporting the development and validation of breakthrough solutions through Pre-Commercial Procurement (PCP)</p> <p><b><u>Target outcome:</u></b></p> <ol style="list-style-type: none"> <li>1) Under the CSA part of the action: -defining together the mid-to-long term solutions requirements for the innovation of public services, and resulting specifications for a joint PCP call for tender             <ol style="list-style-type: none"> <li>a) establishing implementation methods for Multinational PCP evaluation and monitoring</li> <li>b) cooperation agreements enabling further trans- national PCP projects or programmes</li> <li>c) awareness raising, experience sharing</li> </ol> </li> <li>2) Under the CP part of the action:             <ol style="list-style-type: none"> <li>a) exploration, through a joint PCP, of possible alternative solution paths for the targeted improvements in public sector services</li> <li>b) testing of these solutions against a set of jointly defined performance criteria</li> </ol> </li> </ol> <p><b><u>Expected impact:</u></b></p> <ul style="list-style-type: none"> <li>• more forward-looking, concentrated, public sector approach to societal challenges</li> <li>• cooperation between stakeholders to develop common answers to societal challenges</li> <li>• reduced fragmentation of public sector demand by enabling purchasers to collectively implement PCP strategies in areas</li> <li>• increased opportunities for wide market uptake and economies of scale for the supply side by forming critical mass on the public demand side</li> </ul> <p><b><u>Funding schemes:</u></b></p> <ol style="list-style-type: none"> <li>a) 1 CP-CSA for PCP</li> </ol>				
Total budget for this call	€ 567.5 million	Indicative budget distribution for this objective	4 million, of which maximum 30% for the CSA part of the CP- CSA	Co-financing rate	
Further information	<a href="http://ec.europa.eu/research/participants/portal/page/cooperation?callIdentifier=FP7-ICT-2013-10">http://ec.europa.eu/research/participants/portal/page/cooperation?callIdentifier=FP7-ICT-2013-10</a>				

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**NiCE funding fiche: FP7- High quality cloud computing environment for public sector needs**

Call & reference	ICT Call 10 FP7-ICT-2013-10	Deadline	15/01/2013		
Funding programme	FP7	EC Service	DG Research		
Objectives	Objective: ICT-2013.11.3				
Details	<p><b>Horizontal Actions/ <u>Objective: ICT-2013.11.3 High quality cloud computing environment for public sector needs, validated through a pre-commercial procurement (PCP)</u></b></p> <p><u>Aim:</u> to harmonise the requirements and implement a joint strategy for cloud computing in the European public sector</p> <p><u>Target outcome:</u></p> <ul style="list-style-type: none"> <li>a) internal use of cloud computing within public sector organisations</li> <li>b) external use of cloud computing for the provision of services to citizens and businesses</li> </ul> <p><u>Expected impact:</u></p> <ul style="list-style-type: none"> <li>• improved quality and efficiency of internal public sector operations as well as provisioning of public sector services to external entities</li> <li>• strengthened position of European service and technology providers in the field of cloud computing</li> <li>• reduced costs through consolidation of requirements and joint procurement</li> </ul> <p><u>Funding schemes:</u></p> <ul style="list-style-type: none"> <li>a) One CP- CSA for PCP, undertaken jointly by public sector organisations in Member States and associated countries</li> </ul>				
Total budget for this call	€ 567.5 million	Indicative budget distribution for this objective	10 million, of which 30% for the CSA part of the CP-CSA	Co-financing rate	
Further information	<a href="http://ec.europa.eu/research/participants/portal/page/cooperation?callIdentifier=FP7-ICT-2013-10">http://ec.europa.eu/research/participants/portal/page/cooperation?callIdentifier=FP7-ICT-2013-10</a>				

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## NiCE funding fiche: FP7-ICT for International Partnership building and support to dialogues

Call & reference	ICT Call 10 FP7-ICT-2013-10	Deadline	15/01/2013		
Funding programme	FP7	EC Service	DG Research		
Objectives	Objective: ICT 2013.10.3				
Details	<p>International Cooperation/ <u>Objective: ICT 2013.10.3 International Partnership building and support to dialogues - Horizontal International Cooperation Actions</u></p> <p><u>Aim:</u> to support dialogues between the European Commission/the EU and strategic partner countries and regions</p> <p><u>Target outcomes:</u></p> <ol style="list-style-type: none"> <li>the organisation of events synchronised with dialogue meetings</li> <li>strengthening of cooperative research links through the set-up of sustainable cooperative mechanisms or platforms between European organisations and relevant leading third country organisations</li> <li>reinforcement of industrial cooperation on ICT research and development</li> <li>increased coordination at EU level with horizontal Framework Programme instruments to promote international cooperation</li> </ol> <p><u>Expected impact:</u></p> <ul style="list-style-type: none"> <li>reinforcement of strategic partnerships with key third countries and regions in areas of mutual interest</li> <li>increased visibility for EU ICT R&amp;D activities and research excellence</li> <li>support provided for European organisations/ individuals in accessing third county programmes</li> </ul> <p><u>Funding schemes:</u></p> <ol style="list-style-type: none"> <li>CSA (support Actions)</li> </ol>				
Total budget for this call	€ 567.5 million	Indicative budget distribution for this objective	CSA (SA): 8 million (max EU grant of 800 K per proposal)	Co-financing rate	
Further information	<a href="http://ec.europa.eu/research/participants/portal/page/cooperation?callIdentifier=FP7-ICT-2013-10">http://ec.europa.eu/research/participants/portal/page/cooperation?callIdentifier=FP7-ICT-2013-10</a>				

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## NiCE funding fiche: FP7- ICT for Governance and Policy Modelling

Call & reference	ICT Call 10 FP7-ICT-2013-10	Deadline	15/01/2013		
Funding programme	FP7	EC Service	DG Research		
Objectives	Objective: ICT-2013.5.4				
Details	<p>Challenge 5: ICT for Health, Ageing Well, Inclusion and Governance / <i>Objective: ICT-2013.5.4 ICT for Governance and Policy Modelling</i></p> <p><u>Aim:</u> use of current ICT tools for collaborative governance and policy modelling for empowerment of citizens and increased transparency in decision- making</p> <p><u>Target outcomes:</u></p> <ul style="list-style-type: none"> <li>a) research focus on policy modelling and stimulation for achieving productivity gains and innovation in public service provision through innovative use of ICT</li> <li>b) coordination and support actions in the following fields:             <ul style="list-style-type: none"> <li>b1) roadmapping of research on ICT for innovative public services and governance</li> <li>b2) increased collaboration, on Electronic Identification and Authentication that could be a leverage for European solutions worldwide</li> </ul> </li> </ul> <p><u>Expected impact:</u></p> <ul style="list-style-type: none"> <li>• improved take up of policy making tools by decision makers in public administrations</li> <li>• improved validation of the potential impacts of policies through evidence</li> <li>• stronger evidence of productivity gains and reduction of costs in the provision of public services</li> <li>• evidence of the younger generation contributing to policy formation through social media</li> <li>• increased take up of open and public data for provision of public services</li> </ul> <p><u>Funding schemes:</u></p> <ul style="list-style-type: none"> <li>a) STREP;</li> <li>b) CSA</li> </ul>				
Total budget for this call	€ 567.5 million	Indicative budget distribution for this objective	19 million	Co-financing rate	
Further information	<a href="http://ec.europa.eu/research/participants/portal/page/cooperation?callIdentifier=FP7-ICT-2013-10">http://ec.europa.eu/research/participants/portal/page/cooperation?callIdentifier=FP7-ICT-2013-10</a>				

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## NiCE funding fiche: FP7- ICT for Co-operative mobility

Call & reference	ICT Call 10 FP7-ICT-2013-10	Deadline	15/01/2013		
Funding programme	FP7	EC Service	DG Research		
Objectives	Objective: ICT-2013.6.5				
Details	<p>Challenge 6: ICT for a Low Carbon Economy/ <u>Objective: ICT-2013.6.5 Co-operative mobility</u></p> <p><u>Aim:</u> to make use of cooperative mobility technologies to develop supervised automated driving which is expected to be the most viable long term option for improving both the energy efficiency and safety of individual, public and freight transport by smoother, better informed driving and behavioural change</p> <p><u>Target outcomes:</u></p> <ul style="list-style-type: none"> <li>a) supervised automated driving</li> <li>b) coordination and support actions</li> </ul> <p><u>Expected impact:</u></p> <ul style="list-style-type: none"> <li>• supervised automated driving demonstrated in several EU locations showing measurable effects on energy efficiency and safety</li> <li>• increased level of user acceptance of automated driving</li> </ul> <p><u>Funding schemes:</u></p> <ul style="list-style-type: none"> <li>a) IP, STREP: it is expected that a minimum of one IP is selected</li> <li>b) CSA</li> </ul>				
Total budget for this call	€ 567.5 million	Indicative budget distribution for this objective	a) 23 million b) 3 million	Co-financing rate	
Further information	<a href="http://ec.europa.eu/research/participants/portal/page/cooperation?callIdentifier=FP7-ICT-2013-10">http://ec.europa.eu/research/participants/portal/page/cooperation?callIdentifier=FP7-ICT-2013-10</a>				

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**NiCE funding fiche: FP7- ICT for ensuring more efficient, higher quality public services**

Call & reference	ICT Call 10 FP7-ICT-2013-10	Deadline	15/01/2013		
Funding programme	FP7	EC Service	DG Research		
Objectives	Objective: ICT-2013.11.1				
Details	<p><b>Horizontal Actions/ <u>Objective: ICT-2013.11.1 Ensuring more efficient, higher quality public services through Pre-Commercial Procurement of ICT solutions across sectors of public interest</u></b></p> <p><b><u>Aim:</u></b> to bring radical improvements to the quality and efficiency of public services by supporting the development and validation of breakthrough solutions through Pre-Commercial Procurement (PCP)</p> <p><b><u>Target outcome:</u></b></p> <ol style="list-style-type: none"> <li>1) Under the CSA part of the action: -defining together the mid-to-long term solutions requirements for the innovation of public services, and resulting specifications for a joint PCP call for tender <ol style="list-style-type: none"> <li>a) establishing implementation methods for Multinational PCP evaluation and monitoring</li> <li>b) cooperation agreements enabling further trans- national PCP projects or programmes</li> <li>c) awareness raising, experience sharing</li> </ol> </li> <li>2) Under the CP part of the action: <ol style="list-style-type: none"> <li>a) exploration, through a joint PCP, of possible alternative solution paths for the targeted improvements in public sector services</li> <li>b) testing of these solutions against a set of jointly defined performance criteria</li> </ol> </li> </ol> <p><b><u>Expected impact:</u></b></p> <ul style="list-style-type: none"> <li>• more forward-looking, concentrated, public sector approach to societal challenges</li> <li>• cooperation between stakeholders to develop common answers to societal challenges</li> <li>• reduced fragmentation of public sector demand by enabling purchasers to collectively implement PCP strategies in areas</li> <li>• increased opportunities for wide market uptake and economies of scale for the supply side by forming critical mass on the public demand side</li> </ul> <p><b><u>Funding schemes:</u></b></p> <ol style="list-style-type: none"> <li>a) 1 CP-CSA for PCP</li> </ol>				
Total budget for this call	€ 567.5 million	Indicative budget distribution for this objective	4 million, of which maximum 30% for the CSA part of the CP- CSA	Co-financing rate	
Further information	<a href="http://ec.europa.eu/research/participants/portal/page/cooperation?callIdentifier=FP7-ICT-2013-10">http://ec.europa.eu/research/participants/portal/page/cooperation?callIdentifier=FP7-ICT-2013-10</a>				

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## NiCE funding fiche: FP7- High quality cloud computing environment for public sector needs

Call & reference	ICT Call 10 FP7-ICT-2013-10	Deadline	15/01/2013		
Funding programme	FP7	EC Service	DG Research		
Objectives	Objective: ICT-2013.11.3				
Details	<p><b>Horizontal Actions/ <u>Objective: ICT-2013.11.3 High quality cloud computing environment for public sector needs, validated through a pre-commercial procurement (PCP)</u></b></p> <p><u>Aim:</u> to harmonise the requirements and implement a joint strategy for cloud computing in the European public sector</p> <p><u>Target outcome:</u></p> <ul style="list-style-type: none"> <li>a) internal use of cloud computing within public sector organisations</li> <li>b) external use of cloud computing for the provision of services to citizens and businesses</li> </ul> <p><u>Expected impact:</u></p> <ul style="list-style-type: none"> <li>• improved quality and efficiency of internal public sector operations as well as provisioning of public sector services to external entities</li> <li>• strengthened position of European service and technology providers in the field of cloud computing</li> <li>• reduced costs through consolidation of requirements and joint procurement</li> </ul> <p><u>Funding schemes:</u></p> <ul style="list-style-type: none"> <li>a) One CP- CSA for PCP, undertaken jointly by public sector organisations in Member States and associated countries</li> </ul>				
Total budget for this call	€ 567.5 million	Indicative budget distribution for this objective	10 million, of which 30% for the CSA part of the CP-CSA	Co-financing rate	
Further information	<a href="http://ec.europa.eu/research/participants/portal/page/cooperation?callIdentifier=FP7-ICT-2013-10">http://ec.europa.eu/research/participants/portal/page/cooperation?callIdentifier=FP7-ICT-2013-10</a>				

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## NiCE funding fiche: FP7-ICT for International Partnership building and support to dialogues

Call & reference	ICT Call 10 FP7-ICT-2013-10	Deadline	15/01/2013		
Funding programme	FP7	EC Service	DG Research		
Objectives	Objective: ICT 2013.10.3				
Details	<p>International Cooperation/ <u>Objective: ICT 2013.10.3 International Partnership building and support to dialogues - Horizontal International Cooperation Actions</u></p> <p><u>Aim:</u> to support dialogues between the European Commission/the EU and strategic partner countries and regions</p> <p><u>Target outcomes:</u></p> <ol style="list-style-type: none"> <li>the organisation of events synchronised with dialogue meetings</li> <li>strengthening of cooperative research links through the set-up of sustainable cooperative mechanisms or platforms between European organisations and relevant leading third country organisations</li> <li>reinforcement of industrial cooperation on ICT research and development</li> <li>increased coordination at EU level with horizontal Framework Programme instruments to promote international cooperation</li> </ol> <p><u>Expected impact:</u></p> <ul style="list-style-type: none"> <li>reinforcement of strategic partnerships with key third countries and regions in areas of mutual interest</li> <li>increased visibility for EU ICT R&amp;D activities and research excellence</li> <li>support provided for European organisations/ individuals in accessing third county programmes</li> </ul> <p><u>Funding schemes:</u></p> <ol style="list-style-type: none"> <li>CSA (support Actions)</li> </ol>				
Total budget for this call	€ 567.5 million	Indicative budget distribution for this objective	CSA (SA): 8 million (max EU grant of 800 K per proposal)	Co-financing rate	
Further information	<a href="http://ec.europa.eu/research/participants/portal/page/cooperation?callIdentifier=FP7-ICT-2013-10">http://ec.europa.eu/research/participants/portal/page/cooperation?callIdentifier=FP7-ICT-2013-10</a>				

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## 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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## NiCE funding fiche: FP7- ICT for more efficient and affordable solutions for digital preservation developed and validated against public sector needs through PCP

Call & reference	ICT Call 11 FP7-ICT-2013-11		Deadline	16/04/2013	
Funding programme	FP7		EC Service	DG Research	
Objectives	Objective ICT-2013.11.2				
Details	<p><u>Horizontal Actions/Objective ICT-2013.11.2 More efficient and affordable solutions for digital preservation developed and validated against public sector needs through joint PCP</u></p> <p><u>Aim:</u> introducing innovative, ready-to-use, customisable and affordable technical solutions and new skills in curatorial staff</p> <p><u>Target outcomes:</u></p> <ol style="list-style-type: none"> <li>working on establishing and implementing best practices, preservation planning, and staff training; integrating digital preservation requirements in existing information systems and increasing those system's resiliency against technological changes</li> <li>testing of solutions against a set of functionality/ performance criteria, jointly defined by the potential public purchasers undertaking the joint cross-border PCP</li> <li>using open platforms and contributing to standards</li> </ol> <p><u>Expected impact:</u></p> <ul style="list-style-type: none"> <li>reduced preservation costs and improved preservation capacity and competences in public organisations dealing with digital preservation, including small archives</li> <li>strengthened position of European service and technology providers, including SMEs, in the field of digital preservation</li> </ul> <p><u>Funding schemes:</u> 1-2 CP- CSA for PCP</p>				
Total budget for this call	€ 236.5 million	Indicative budget distribution for this objective	5 million, whereas maximum of 30% of the funding of a project can be used of the CSA part	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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## 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	<p><b>Challenge 6: ICT for a Low Carbon Economy/ <i>Objective: ICT-2013.6.1 Smart Energy Grid</i></b></p> <p><b>Aim:</b> 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</p> <p><b>Target outcomes:</b></p> <ol style="list-style-type: none"> <li>sharing of backbone infrastructure and last mile connectivity, considering not only technologies but also appropriate business models to deliver significant cost and investment savings</li> <li>improving robustness and reliability of the existing telecommunication infrastructure in order to cope with mission critical services that require milliseconds response times</li> <li>ICT technologies for active electricity network management, demand/response, load balancing, and forecasting and congestion management</li> <li>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</li> </ol> <p><b>Expected impact:</b></p> <ul style="list-style-type: none"> <li>reduction of the percentage of energy lost during energy distribution</li> <li>reduction of the gap between energy produced and energy consumed</li> <li>increase of renewable energy sources and Combined Heat and Power- CHP connected to the distribution grid</li> <li>reduction and shifting of peak loads</li> <li>number of publications jointly authored by researchers from ICT and energy</li> </ul> <p><b>Funding schemes:</b> STREP</p>				
Total budget for this call	€ 236.5 million	Indicative budget distribution for this objective	STREP: 18 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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## NiCE funding fiche: FP7- ICT for water resources management

Call & reference	ICT Call 11 FP7-ICT-2013-11		Deadline	16/04/2013	
Funding programme	FP7		EC Service	DG Research	
Objectives	Objective: ICT-2013.6.3				
Details	<p>Challenge 6: ICT for a Low Carbon Economy / <i>Objective ICT-2013.6.3 ICT for water resources management</i></p> <p><b>Aim:</b> to improve the management of water resources by integrating real- time knowledge about water consumption at domestic, corporate and city level, and by enabling subsequently the implementation of efficient resource and demand management strategies and pricing lists</p> <p><b>Targeted outcomes:</b></p> <ol style="list-style-type: none"> <li>providing quantifiable evidence of the potential of ICT to contribute to efficient water resources management by increasing household, business and industry awareness regarding water use</li> <li>validating ICT-enabled innovations in real- life operational settings with the active involvement of stakeholders and end users from the water and the ICT domain</li> </ol> <p><b>Expected impact:</b></p> <ul style="list-style-type: none"> <li>increased user awareness and modified behaviours concerning the use of water</li> <li>quantifiable and significant reduction of water consumption</li> <li>peak-period reduction of water and energy distribution loads</li> <li>improved resource efficiency and business operations of water utilities due to ICT</li> <li>increased rate of ICT- innovation in water management companies</li> <li>number of publications jointly authored by researchers from ICT and the water domain</li> </ul> <p><b>Funding schemes:</b> STREPs</p>				
Total budget for this call	€ 236.5 million	Indicative budget distribution for this objective	STREP 14 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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## 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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## NiCE funding fiche: FP7- ICT for more efficient and affordable solutions for digital preservation developed and validated against public sector needs through PCP

Call & reference	ICT Call 11 FP7-ICT-2013-11		Deadline	16/04/2013	
Funding programme	FP7		EC Service	DG Research	
Objectives	Objective ICT-2013.11.2				
Details	<p><u>Horizontal Actions/Objective ICT-2013.11.2 More efficient and affordable solutions for digital preservation developed and validated against public sector needs through joint PCP</u></p> <p><u>Aim:</u> introducing innovative, ready-to-use, customisable and affordable technical solutions and new skills in curatorial staff</p> <p><u>Target outcomes:</u></p> <ol style="list-style-type: none"> <li>working on establishing and implementing best practices, preservation planning, and staff training; integrating digital preservation requirements in existing information systems and increasing those system's resiliency against technological changes</li> <li>testing of solutions against a set of functionality/ performance criteria, jointly defined by the potential public purchasers undertaking the joint cross-border PCP</li> <li>using open platforms and contributing to standards</li> </ol> <p><u>Expected impact:</u></p> <ul style="list-style-type: none"> <li>reduced preservation costs and improved preservation capacity and competences in public organisations dealing with digital preservation, including small archives</li> <li>strengthened position of European service and technology providers, including SMEs, in the field of digital preservation</li> </ul> <p><u>Funding schemes:</u> 1-2 CP- CSA for PCP</p>				
Total budget for this call	€ 236.5 million	Indicative budget distribution for this objective	5 million, whereas maximum of 30% of the funding of a project can be used of the CSA part	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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## 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	<p><b>Challenge 6: ICT for a Low Carbon Economy/ <i>Objective: ICT-2013.6.1 Smart Energy Grid</i></b></p> <p><b>Aim:</b> 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</p> <p><b>Target outcomes:</b></p> <ol style="list-style-type: none"> <li>sharing of backbone infrastructure and last mile connectivity, considering not only technologies but also appropriate business models to deliver significant cost and investment savings</li> <li>improving robustness and reliability of the existing telecommunication infrastructure in order to cope with mission critical services that require milliseconds response times</li> <li>ICT technologies for active electricity network management, demand/response, load balancing, and forecasting and congestion management</li> <li>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</li> </ol> <p><b>Expected impact:</b></p> <ul style="list-style-type: none"> <li>reduction of the percentage of energy lost during energy distribution</li> <li>reduction of the gap between energy produced and energy consumed</li> <li>increase of renewable energy sources and Combined Heat and Power- CHP connected to the distribution grid</li> <li>reduction and shifting of peak loads</li> <li>number of publications jointly authored by researchers from ICT and energy</li> </ul> <p><b>Funding schemes:</b> STREP</p>				
Total budget for this call	€ 236.5 million	Indicative budget distribution for this objective	STREP: 18 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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## NiCE funding fiche: FP7- ICT for water resources management

Call & reference	ICT Call 11 FP7-ICT-2013-11		Deadline	16/04/2013	
Funding programme	FP7		EC Service	DG Research	
Objectives	Objective: ICT-2013.6.3				
Details	<p>Challenge 6: ICT for a Low Carbon Economy / <i>Objective ICT-2013.6.3 ICT for water resources management</i></p> <p><b>Aim:</b> to improve the management of water resources by integrating real- time knowledge about water consumption at domestic, corporate and city level, and by enabling subsequently the implementation of efficient resource and demand management strategies and pricing lists</p> <p><b>Targeted outcomes:</b></p> <ul style="list-style-type: none"> <li>a) providing quantifiable evidence of the potential of ICT to contribute to efficient water resources management by increasing household, business and industry awareness regarding water use</li> <li>b) validating ICT-enabled innovations in real- life operational settings with the active involvement of stakeholders and end users from the water and the ICT domain</li> </ul> <p><b>Expected impact:</b></p> <ul style="list-style-type: none"> <li>• increased user awareness and modified behaviours concerning the use of water</li> <li>• quantifiable and significant reduction of water consumption</li> <li>• peak-period reduction of water and energy distribution loads</li> <li>• improved resource efficiency and business operations of water utilities due to ICT</li> <li>• increased rate of ICT- innovation in water management companies</li> <li>• number of publications jointly authored by researchers from ICT and the water domain</li> </ul> <p><b>Funding schemes:</b> STREPs</p>				
Total budget for this call	€ 236.5 million	Indicative budget distribution for this objective	STREP 14 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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## 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><b>Challenge 6: ICT for a low carbon economy/ <u>Objective ICT-2013.6.2: Data Centres in an energy-efficient and environmental friendly Internet</u></b></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> <ol style="list-style-type: none"> <li>software and hardware system level technologies and associated services that monitor energy consumption and automatically optimise power</li> <li>systems for the integration of networks of renewable energy sources for powering data- centres situated in urban agglomerations</li> <li>systems for the efficient use by urban installations of the heat that is produced by a network of data centres</li> <li>efficient integration of data centres under smart grid/smart city schemes</li> <li>contribution to standard and industry bodies that develop methods and standards on the measurement of the energy and environmental footprint of data centres</li> <li>appropriate validation of the resulting systems</li> </ol> <p><u>Expected impact:</u></p> <ul style="list-style-type: none"> <li>quantifiable and significant improvement of the overall resource efficiency of data centres</li> <li>development at demonstration stage of Data Centres powered at levels of 80%or above by renewable energy sources</li> <li>contribution to the creation of new market opportunities</li> </ul> <p><u>Funding schemes:</u> STREP</p>				
Total budget for this call	€209 million (95 for ICT)	<b>Indicative budget distribution for this objective</b>	20 million	Co-financing rate	
Further information	<a href="http://ec.europa.eu/research/participants/portal/page/cooperation?callIdentifier=FP7-SMARTCITIES-2013">http://ec.europa.eu/research/participants/portal/page/cooperation?callIdentifier=FP7-SMARTCITIES-2013</a>				

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Contact: Giulia Campodonico, Project Coordinator, [giulia.campodonico@eurocities.eu](mailto:giulia.campodonico@eurocities.eu)





## NiCE funding fiche: FP7 - ICT for Integrated personal mobility for smart cities

Call & reference	Smart cities 2012 FP7-SMARTCITIES-2013		Deadline	04/12/2012	
Funding programme	FP7		EC Service	DG Research	
Objectives	Objective ICT-2013.6.6				
Details	<p><b>Challenge 6: ICT for a low carbon economy/ <u>Objective ICT-2013.6.6 Integrated personal mobility for smart cities</u></b></p> <p><u>Aim:</u> build on existing technologies for in- vehicle platforms and traffic management resources and integrate these with transformative technologies such as future internet and cloud computing</p> <p><u>Target outcomes:</u></p> <ol style="list-style-type: none"> <li>include non- motorised transport modes, electro mobility and public transport, combined use of multiple modes of transport, virtual mobility concepts, and innovative mobility sharing schemes</li> <li>use of information which may come from traffic management systems, connected vehicles, the surrounding infrastructure and from mobility users including floating car data and crowd sourcing information</li> <li>demonstration of the value of new services and business models through pilots involving end-users, paying attention to aspects of data privacy and security of the digital citizen</li> </ol> <p><u>Expected impact:</u></p> <ul style="list-style-type: none"> <li>increased take-up of transformative European ICT in new mobility services</li> <li>energy efficiency gains in personal mobility demonstrated when using new mobility services</li> </ul> <p><u>Funding schemes:</u> STREP</p>				
Total budget for this call	€209 million (95 for ICT)	<b>Indicative budget distribution for this objective</b>	15 million	Co-financing rate	
Further information	<a href="http://ec.europa.eu/research/participants/portal/page/cooperation?callIdentifier=FP7-SMARTCITIES-2013">http://ec.europa.eu/research/participants/portal/page/cooperation?callIdentifier=FP7-SMARTCITIES-2013</a>				

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