



НАЦИОНАЛЬНЫЙ ИССЛЕДОВАТЕЛЬСКИЙ  
УНИВЕРСИТЕТ



HIGHER SCHOOL OF ECONOMICS  
NATIONAL RESEARCH UNIVERSITY



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# ICT – INFORMATION AND COMMUNICATIONS TECHNOLOGIES

## Calls for proposals of 20 July 2011

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# ICT is at the very core of the knowledge-based society

## Objectives

- **Improving the competitiveness of European industry and enabling Europe to master and shape future developments in ICT**
- **Meeting the demands of society and economy**
- **Strengthening Europe's S&T base and ensure its global leadership in ICT**
- **Stimulation of product, service and process innovation and creativity through ICT use**
- **Reduction of the digital divide and social exclusion**



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# Конкурс ICT call 8

**Call identifier: FP7-ICT-2011-8**

**Date of publication: 20 July 2011**

**Deadline: 17 January 2012, at 17:00.00 Brussels local time**

**Indicative budget: EUR 787 million**





# Конкурс ICT call 8

## Тематика и инструменты реализации (1)

### **Challenge 1: Pervasive and Trusted Network and Service Infrastructures**

ICT 2011.1.1 Future Networks (IP/STREP, NOE, CSA)

ICT 2011.1.2 Cloud Computing, Internet of Services and Advanced Software Engineering (IP/STREP, CSA)

ICT 2011.1.4 Trustworthy ICT (IP/STREP, NoE, CSA)

ICT 2011.1.6 Future Internet Research and Experimentation (FIRE) (IP, STREP, CSA)

### **Challenge 3: Alternative Paths to Components and Systems**

ICT 2011.3.1 Very advanced nanoelectronic components: design, engineering, technology and manufacturability (IP/STREP, CSA)

ICT 2011.3.2 Smart components and smart systems integration (IP/STREP)

ICT 2011.3.5 Core and disruptive photonic technologies (IP, STREP, ERANET Plus, CPC, SA)





# Конкурс ICT call 8

## Тематика и инструменты реализации (2)

### **Challenge 4: Technologies for Digital Content and Languages**

ICT 2011.4.4 Intelligent Information Management (IP/STREP, CSA)

### **Challenge 5: ICT for Health, Ageing Well, Inclusion and Governance**

ICT-2011.5.7 Support to the early implementation of the Joint Programming Initiative (JPI) 'More Years – Better Lives – the Challenges and Opportunities of Demographic Change' (CSA)

### **Challenge 6: ICT for a Low Carbon Economy**

ICT 2011.6.1 Smart energy grids (STREP, CSA)

ICT 2011.6.3 ICT for efficient water resources management (STREP)

ICT 2011.6.7 Cooperative systems for energy efficient and sustainable mobility (IP/STREP, CSA)





# Конкурс ICT call 8

## Тематика и инструменты реализации (3)

### **Challenge 8: ICT for Learning and Access to Cultural Resources**

ICT 2011.8.1 Technology-Enhanced Learning (IP/STREP, NoE, CSA)

### **Future and Emerging Technologies**

ICT 2011.9.6 FET Proactive: Unconventional Computation (UCOMP) (STREP)

ICT 2011.9.7 FET Proactive: Dynamics of Multi-Level Complex Systems (IP/STREP, CSA)

ICT 2011.9.8 FET Proactive: Minimising Energy Consumption of Computing to the Limit (MINCON) (STREP)

ICT 2011.9.12 Coordinating Communities, Identifying new Research topics for FET Proactive initiatives and Fostering Networking of National and Regional Research Programmes (a), (b), (c), (d) CSA

ICT-2011.9.14 'Science of Global Systems' (STREP)

### **Horizontal Actions**

ICT 2011.11.1 Pre-Commercial Procurement Actions (CSA, CP-CSA)



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# Совместные конкурсы (1)

## **Call title: "Factories of the Future" - 2012**

Public-Private Partnership "Factories of the Future" - Cross thematic coordinated call between NMP and ICT

Call identifier: FP7-2012-NMP-ICT-FoF

Date of publication: 20 July 2011

Deadline: 1 December 2011 at 17.00.00 (Brussels local time).

Indicative budget: EUR 160 million

## **Call title: "Energy-efficient Buildings" - 2012**

Public-Private Partnership "Energy-efficient Buildings" - Cross thematic coordinated call between NMP, ICT, ENERGY, ENVIRONMENT (including climate change)

Call identifier: FP7-2012-NMP-ENV-ENERGY-ICT-EeB

Date of publication: 20 July 2011

Deadline: 1 December 2011 at 17.00.00 (Brussels local time).

Indicative budget: EUR 140 million





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# Совместные конкурсы (2)

## **Call title: "ICT for Green Cars"-2012**

Public-Private Partnership "Green Cars": Cross-Thematic cooperation between NMP, Energy, Environment, Transport and ICT Themes

Call identifier: FP7-2012-ICT-GC

Date of publication: 20 July 2011

Deadline: 1 December 2011 at 17.00.00 (Brussels local time)

Indicative budget: EUR 30 million







# Funding schemes (1)

## **Collaborative projects (CP)**

Research projects carried out by consortia with participants from different countries, aiming at developing new knowledge, new technology, products, demonstration activities.

*a) 'small or medium scale focused research actions', b) 'large-scale integrating projects'*

## **Small or medium-scale focused research actions (STREP)**

Clearly defined scientific and technological objectives directed at obtaining specific results, which could be applicable in terms of development or improvement of products, processes, services or policy. Duration: 8 months – 3 years.

## **Large-scale integrating projects (IP)**

Generating new knowledge, including new technology. Obtaining specific results, which could be applicable in terms of development or improvement of products, processes, services or policy. Duration: 3 -5 years.





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## Funding schemes (2)

### **Networks of Excellence (NoE)**

**Joint Programme of Activities** implemented by a number of research organisations integrating their activities (researchers, services, teams, organisations, institutions) in a field of strategic importance for European research, through the establishment of a single virtual centre of research, carried out by research teams in the framework of longer term co-operation.

### **Coordination and support actions (CSA)**

Activities of networking, exchanges, trans-national access to research infrastructures, studies, conferences, etc.

***a)'co-ordination or networking actions'***

***b)'specific support actions'***

**Coordination or networking actions (CA):** conferences, meetings, workshops or seminars related studies, exchanges of personnel, exchange and dissemination of good practices

**Specific support actions (SA):** contribution to the implementation of the Framework Programmes and the preparation of future EU RTD policy





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## Funding schemes (3)

### **Combination of Collaborative Projects and Coordination and Support Actions (CPCSA)**

Networking and coordination activities: for public bodies in Europe to cooperate in the innovation of their public services through a strategy that includes Pre-Commercial Procurement (PCP.)

Joint research activities: related to validating the PCP strategy jointly defined by the public bodies participating in the action. This includes the exploration, through a joint PCP, of possible solutions for the targeted improvements in public sector services, and the testing of these solutions against a set of jointly defined performance criteria.





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# Условия участия



<b>Collaborative project</b>	<b>Min 3 independent legal entities, established in a MS or AC, 2 of which are from different MS or AC</b>
<b>Collaborative project for specific cooperation actions dedicated to international cooperation partner countries (SICAs)</b>	<b>Min 4 independent legal entities. 2 of which are from different MS or AC and other 2 from different international cooperation partner countries</b>
<b>Network of excellence</b>	<b>Min 3 independent legal entities, established in a MS or AC, 2 of which are from different MS or AC</b>
<b>Co-ordination action</b>	<b>Min 3 independent legal entities, established in a MS or AC, 2 of which are from different MS or AC</b>
<b>Support action</b>	<b>Min 1 independent legal entity</b>
<b>Collaborative Project and Coordination and Support Action</b>	<b>Min 3 independent legal entities, established in a MS or AC, 2 of which are from different MS or AC</b>



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# Подача заявки

## Calls for Proposals

[http://ec.europa.eu/research/participants/portal/page/fp7\\_calls](http://ec.europa.eu/research/participants/portal/page/fp7_calls)

Proposal submission must be made by means of the European Commission's Electronic Proposal Submission Service (EPSS) before the published deadline.

## Work Programme !

Applicants must ensure that proposals conform to the page limits and layout given in the Guide for Applicants, and in the proposal **part B** template available through the EPSS.

**Part A** – administrative information on organisations - participants





# Источники информации

<http://cordis.europa.eu/fp7/ict/>

**Национальная контактная точка «Информационно-коммуникационные технологии»**

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