

## Suddivisione del budget tra i temi di COOPERAZIONE:

1	Salute	6.050
2	Alimentazione, agricoltura e biotecnologie	1.935
3	Tecnologie della società dell'Informazione	9.110
4	Nanoscienze, Nanotecnologie, Materiali e nuove Tecnologie di produzione	3.500
5	Energia	2.300
6	Ambiente e cambiamento climatico	1.900
7	Trasporti	4.180
8	Scienze Socio-Economiche e Umanistiche	610
9	Spazio e Sicurezza	1.430
		1.350



# Obiettivo di COOPERAZIONE:

*Sostegno alla ricerca nell'ambito di progetti di cooperazione internazionale all'interno dell'UE e oltre i confini dell'UE*

Chi può partecipare:

⇒ **Università**

⇒ **Centri di ricerca**

⇒ **Imprese (PMI e Grandi imprese)**



## Schemi di finanziamento (funding schemes):

Progetti di  
Ricerca  
Collaborativa  
(CP)

Reti di  
eccellenza  
(NoE)

Azioni di  
coordinamento/  
supporto (CSA)

Percentuale di finanziamento da parte della UE:

- Attività di Ricerca e sviluppo tecnologico = 50% (o 75% per enti pubblici non profit, enti di formazione secondaria e superiore, enti di ricerca e PMI)
- Attività di Dimostrazione = 50%
- Attività di Gestione = 100%
- Altre attività = 100%



## Progetti di Ricerca Collaborativa (CP)

*Attività di ricerca e sviluppo,  
dimostrazione, formazione,  
trasferimento tecnologico e  
diffusione dell'innovazione*

### SMALL AND MEDIUM SCALE FOCUSED RESEARCH PROJECTS (STREP)

Durata media: dai 18 ai 36 mesi  
Numero di partecipanti: tra 5 e  
15 organizzazioni  
Contributo medio europeo: 2M €

### LARGE SCALE INTEGRATING PROJECTS (IP)

Durata media: dai 36 ai 60 mesi  
Numero di partecipanti: tra 10 e  
20 organizzazioni  
Contributo medio europeo: 10 M €

*Partneriato minimo:  
3 organizzazioni provenienti da 3 diversi Stati  
Membri o Associati UE*



**Azioni di coordinamento/  
supporto (CSA)**

*Mirano a facilitare la diffusione dei risultati della ricerca e/o il coordinamento delle attività di ricerca*

**Azioni di coordinamento**

**Azioni di supporto**

**finalizzate a coordinare o a creare network tra le altre azioni di ricerca attraverso azioni di disseminazione dei risultati**

**contribuiscono all'implementazione del PQ e alla preparazione delle future politiche di ricerca e sviluppo tecnologico dell'UE**



## Azioni di coordinamento

organizzazione di eventi relativi a studi, scambi di personale, scambio e disseminazione di buone pratiche, definizione, organizzazione e gestione di iniziative comuni tra i partecipanti.

*In questo schema non possono essere finanziate attività di ricerca e sviluppo.*

**Durata media: dai 18 ai 36 mesi**

**Numero partecipanti: minimo 3  
organizzazioni provenienti da 3 stati  
diversi**

**Contributo europeo medio: 1 M euro**

**Percentuale finanziamento UE: 100% dei  
costi diretti + costi indiretti fino a un max  
7% dei costi diretti**

## Azioni di supporto

attività di valutazione e monitoraggio, organizzazione di eventi, studi e costituzione di gruppi di esperti, attività di informazione e comunicazione

Durata media: dai 9 ai 30 mesi

Numero partecipanti: proposta anche da una organizzazione singola proveniente da uno SM o da un paese associato o terzo

Contributo europeo medio: 500.000 euro

Percentuale finanziamento UE: 100% dei costi diretti + costi indiretti fino a un max 7% dei costi diretti



# BANDI FP7-COOPERATION IN SCADENZA A NOVEMBRE

## Tema: Trasporti

### **Obiettivi:**

finanziare la ricerca dell'UE volta a sviluppare sistemi di trasporto pan-europei più sicuri, più "ecologici" e più "intelligenti" che daranno un vantaggio al cittadino, rispetteranno l'ambiente e aumenteranno la competitività delle industrie europee nel mercato globale

### **Aree di attività:**

- Aeronautica e trasporti aerei
- Trasporti di superficie (ferroviario, stradale e delle vie d'acqua)
- Sostegno al sistema europeo di navigazione via satellite (Galileo)

# BANDI FP7-COOPERATION IN SCADENZA A NOVEMBRE

## **FP7-AAT-2013-RTD-1 (AERONAUTICS - AIR TRANSPORT)**

CP-FP / CP-IP/ CSA – C.A. : min.3 partners /3 countries

CSA – S.A.: 1 partner

### **Topics:**

#### **CHALLENGE 1. ECO-INNOVATION**

AAT.2013.1-1. Flight physics (CP-FP max 5Meuro)

AAT.2013.1-2. Aerostructures (CP-FP max 5Meuro)

AAT.2013.1-3. Low pressure system for Ultra High By-Pass Ratio Engine (CP-IP max 1 progetto > 5 Meuro)

AAT.2013.1-4. Maturation of an integrated set of active flow, load and noise control technologies for the next generation of active wing, including in-flight demonstration. (CP-IP max 1 progetto > 5 Meuro)

#### **CHALLENGE 2. SAFE AND SEAMLESS MOBILITY**

AAT.2013.2-1. Airports (CP-FP max 5Meuro) -time efficiency

AAT.2013.3-1. Human factors (CP-FP max 5Meuro) -customer satisfaction

SCADENZA: 14-11-2012

[http://ec.europa.eu/research/participants/portalplus/static/docs/calls/fp7/fp7-aat-2013-rtd-1/32721-fp7-aat-2013-rtd-1\\_en.pdf](http://ec.europa.eu/research/participants/portalplus/static/docs/calls/fp7/fp7-aat-2013-rtd-1/32721-fp7-aat-2013-rtd-1_en.pdf)

## **FP7-AAT-2013-RTD-1 (AERONAUTICS - AIR TRANSPORT)**

### **Topics:**

#### **CHALLENGE 3. COMPETITIVENESS THROUGH INNOVATION**

AAT.2013.4-1. Systems and equipment (CP-FP max 5Meuro)

AAT.2013.4-2. Design systems and tools (CP-FP max 5Meuro)

AAT.2013.4-3. Production (CP-FP max 5Meuro)

AAT.2013.4-4. Maintenance, repair and disposal (CP-FP max 5Meuro)

AAT.2013.4-5. Integrated environment for optimised airline maintenance and operations (CP-IP max 1 progetto > 5 Meuro)

AAT.2013.4-6. Integrated thermal analysis and design for aircraft (CP-IP max 1 progetto > 5 Meuro)

AAT.2013.4-7. Large scale demonstration of estende Distributed Modular Electronics (CP-IP max 1 progetto > 5 Meuro)

AAT.2013.4-8. Seamless aeronautical networking through integration of data links, radios and antennas estende beyond ATM (CP-IP max 1 progetto > 5 Meuro)

SCADENZA: **14-11-2012**

[http://ec.europa.eu/research/participants/portalplus/static/docs/calls/fp7/fp7-aat-2013-rtd-1/32721-fp7-aat-2013-rtd-1\\_en.pdf](http://ec.europa.eu/research/participants/portalplus/static/docs/calls/fp7/fp7-aat-2013-rtd-1/32721-fp7-aat-2013-rtd-1_en.pdf)

## **FP7-AAT-2013-RTD-1 (AERONAUTICS - AIR TRANSPORT)**

### **Topics:**

#### **CROSS-CUTTING ACTIVITIES FOR IMPLEMENTING THE SUB-THEME PROGRAMME**

AAT.2013.7-1. Coordinating research and innovation in the field of Aeronautics and Air Transport (CSA – C.A.max 1.200.000 eur)

AAT.2013.7-2. Coordinating research and innovation in the field of sustainable alternative fuels for Aviation(CSA–C.A.max1.200.000eur)

AAT.2013.7-3. Communication of EU funded RTD project results to targeted audience (CSA – S.A.max 600.000 eur)

AAT.2013.7-4. Creating cohesive links and common knowledge between potential partners in EU FP Collaborative Projects (CSA – S.A.max 600.000 eur)

AAT.2013.7-5. Conference: support for the organisation of Aerodays (CSA – S.A.max 600.000 eur)

AAT.2013.7-6. Enhancing coordination and stimulating cooperation in research and innovation among EU Member States and Associated States to the EU FP (CSA – S.A. max 600.000 eur)

AAT.2013.7-7. Exploring opportunities and stimulating cooperation in research and innovation with China (CSA– S.A.max 600.000 eur)

SCADENZA: **14-11-2012**

[http://ec.europa.eu/research/participants/portalplus/static/docs/calls/fp7/fp7-aat-2013-rtd-1/32721-fp7-aat-2013-rtd-1\\_en.pdf](http://ec.europa.eu/research/participants/portalplus/static/docs/calls/fp7/fp7-aat-2013-rtd-1/32721-fp7-aat-2013-rtd-1_en.pdf)

## **FP7-AAT-2013-RTD-RUSSIA**

The indicative budget of EUR 4.5 million will be used to fund the participants from the EU and Associated Countries.

The Department of Aviation Industry (Ministry for Industry and Trade of the Russian Federation) will dedicate to this call a similar budget of EUR 4.5 million for the funding of the Russian participants.

Funding scheme:	CP-FP
requested EU contribution:	max EUR 1 200 000
Partnership:	At least 3 partners in 3 Eu Members States or Associates. At least 2 organizations established in the Russian Federation

SCADENZA: **14-11-2012**

[http://ec.europa.eu/research/participants/portalplus/static/docs/calls/fp7/fp7-aat-2013-rtd-russia/32712-fp7-aat-2013-rtd-russia\\_en.pdf](http://ec.europa.eu/research/participants/portalplus/static/docs/calls/fp7/fp7-aat-2013-rtd-russia/32712-fp7-aat-2013-rtd-russia_en.pdf)

## **FP7-SST-2013-RTD-1**

CP-FP / CP-IP/ CSA – C.A. : min.3 partners /3 countries

CSA – S.A.: 1 partner

SCADENZA: 14-11-2012

### **CHALLENGE 1. ECO-INNOVATION**

SST.2013.1-1. Railway infrastructure optimisation and monitoring for further noise reduction (CP-FP max 3 Meuro)

SST.2013.1-2. Towards the zero emission ship (CP-IP one project funded max 9 Meuro)

### **CHALLENGE 2. SAFE AND SEAMLESS MOBILITY**

SST.2013.2-1. Next generation of train control systems in the domain of urban and main line European railway systems (CP-IP one project funded max 7 Meuro)

SST.2013.2-2. New concepts for railway infrastructure and operation: adaptable, automated, resilient and highcapacity (CP-IP one project funded max 10 Meuro)

SST.2013.3-1. Managing integrated multimodal urban transport network (CP-IP one project funded max 9 Meuro)

SST.2013.3-2. Implementing innovative and green urban transport solutions in Europe and beyond (CSA-CA max EUR 2 000 000)

SST.2013.4-1. Ships in operation. (CP-IP one project funded max 5 Meuro)

SST.2013.4-3. Biomechanics and advanced digital human body models and testing for vehicle safety (CP-FP max 3 Meuro)

[http://ec.europa.eu/research/participants/portalplus/static/docs/calls/fp7/fp7-sst-2013-rtd-1/32809-fp7-sst-2013-rtd-1\\_the\\_call\\_fiche\\_en.pdf](http://ec.europa.eu/research/participants/portalplus/static/docs/calls/fp7/fp7-sst-2013-rtd-1/32809-fp7-sst-2013-rtd-1_the_call_fiche_en.pdf)

## **FP7-SST-2013-RTD-1**

SCADENZA: 14-11-2012

### **CHALLENGE 3. COMPETITIVENESS THROUGH INNOVATION**

SST.2013.5-1. Technical requirements for the certification of new materials for railway rolling stock (CP-FP max 3 Meuro)

SST.2013.5-2. Low cost flexible automation and mechanisation in small to medium shipyards (CP-FP max 3 Meuro)

SST.2013.5-3. Innovative, cost-effective construction and maintenance for safer, greener and climate resilient roads (CP-FP max 3 Meuro)

### **CROSS-CUTTING ACTIVITIES FOR IMPLEMENTING THE SUB-THEME PROGRAMME**

SST.2013.6-1. Strengthening the research and innovation strategies of the transport industries in Europe (CSA-SA up to 1 project per surface transport model)

SST.2013.6-3. Organisation of Transport Research Awards for the Transport Research Arena (TRA) conference (CSA-SA max EUR 400 000)

[http://ec.europa.eu/research/participants/portalplus/static/docs/calls/fp7/fp7-sst-2013-rtd-1/32809-fp7-sst-2013-rtd-1\\_the\\_call\\_fiche\\_en.pdf](http://ec.europa.eu/research/participants/portalplus/static/docs/calls/fp7/fp7-sst-2013-rtd-1/32809-fp7-sst-2013-rtd-1_the_call_fiche_en.pdf)

**THE 'EUROPEAN GREEN CARS INITIATIVE'**

GC.SST.2013-1. Feasibility analysis and technological development of on-road charging for long term electric vehicle range extension (CP-IP one project funded max 10 Meuro)

GC.SST.2013-2. Next generation electric motors (CP-FP max 3 Meuro)

GC.SST.2013-3. Future light urban electric vehicles (CP-FP max 3 Meuro)

GC.SST.2013-5. Configurable and adaptable truck (CP-IP one project funded max 8 Meuro)

GC.SST.2013-6. High efficiency energy conversion for future heavy duty transport (CP-FP max 3 Meuro)

GC.SST.2013-7. Technical and operational connectivity in intermodal freight transport (CP-FP max 3 Meuro)

**HORIZONTAL ACTIVITIES FOR IMPLEMENTING THE TRANSPORT PROGRAMME**

TPT.2013-1. Technology transfer in the area of Transport (CP-FP max 3 Meuro)

TPT.2013-2. Mapping regional capacities in transport research and innovation. (CSA-SA max EUR 500 000)

TPT.2013-3. Ex-post evaluation of the Transport (including AAT) theme of the FP7 (CSA-SA max EUR 500 000)



## **FP7-TRANSPORT-2013-MOVE-1**

SCADENZA: 14-11-2012

### **CHALLENGE 2. SAFE AND SEAMLESS MOBILITY**

SST.2013.3-3. Capitalising CIVITAS knowledge and Experience (CSA-CA max EUR 4 000 000)

SST.2013.4-2. Inspection capabilities for enhanced ship Safety (CP max EUR 3 000 000)

### **CROSS-CUTTING ACTIVITIES**

SST.2013.6-2. Towards a competitive and resource efficient port transport system (CP max EUR 3 000 000 – CSA-C.A. max EUR 1 500 000)

### **THE ‘EUROPEAN GREEN CARS INITIATIVE’**

GC.SST.2013-4. Demonstration of electric buses as urban public transport (CP max *EUR 13 500 000*)

[http://ec.europa.eu/research/participants/portalplus/static/docs/calls/fp7/fp7-transport-2013-move-1/32818-fp7-transport-2013-move-1\\_en.pdf](http://ec.europa.eu/research/participants/portalplus/static/docs/calls/fp7/fp7-transport-2013-move-1/32818-fp7-transport-2013-move-1_en.pdf)

## Tema: Spazio

### **Obiettivi:**

- supportare il Programma Europeo per lo Spazio focalizzando su attività come il “Global monitoring for environment and security (GMES)” con benefici per il cittadino e per la competitività dell’industria spaziale europea
- contribuire allo sviluppo della politica spaziale europea in modo complementare agli sforzi degli Stati Membri e degli altri attori chiave, tra cui l’Agenzia Europea per lo Spazio (ESA)

### **Aree di attività:**

- Applicazioni basate sulla tecnologia spaziale al servizio della società europea
- Esplorazione dello spazio
- RST per rafforzare le basi della tecnologia spaziale

## FP7-SPACE-2013-1

SCADENZA: 21-11-2012

### Topics:

#### *Space based applications: pre-operational validation of GMES services and products*

SPA.2013.1.1-01: Global 20° century re-analysis and coupling methods (max 7 Meuro)

SPA.2013.1.1-02: Ensemble system of regional re-analyses (max 5 Meuro)

SPA.2013.1.1-03: Traceable quality assurance system for multi-decadal ECVs (max 5 Meuro)

SPA.2013.1.1-04: Provision of access to simulated and observed climate datasets and climate indicator toolbox (max 6 Meuro)

SPA.2013.1.1-05: Attribution products (max 3 Meuro)

SPA.2013.1.1-06: Stimulating development of downstream services and service evolution (max 2,5 Meuro)

SPA.2013.1.1-07: Remote sensing methods (max 2 Meuro)

[http://ec.europa.eu/research/participants/portalplus/static/docs/calls/fp7/fp7-space-2013-1/32725-fp7-space-2013-1\\_en.pdf](http://ec.europa.eu/research/participants/portalplus/static/docs/calls/fp7/fp7-space-2013-1/32725-fp7-space-2013-1_en.pdf)

## **FP7-SPACE-2013-1**

### **Topics:**

#### ***Integration of satellite communication and satellite navigation solutions with space-based observing systems***

SPA.2013.1.2-01: Integrated downstream service activities and applications (max 2,5 Meuro)

#### ***Strengthening the foundations of space science & technology: research to support space science & exploration***

SPA.2013.2.1-01: Exploitation of space science and exploration data (max 2,5 Meuro)

SPA.2013.2.1-02: Earth-analogue research preparing for space exploration (max 2,5 Meuro)

#### ***Strengthening space foundations: research to support space transportation and key technologies***

SPA.2013.2.2-01: Space critical technologies (max 2,5 Meuro)

SPA.2013.2.3-01: Space-weather events (max 2 Meuro)

SPA.2013.2.3-02: Security of space assets from in-orbit collisions (max 7 Meuro)

SPA.2013.3.1-01: SME space technology research and technology transfer (max 2 Meuro; 50% of budget to SMEs)

SPA.2013.3.2-01. Cooperation with third countries (max 2 Meuro)

## Tema: Sicurezza

### **Obiettivi:**

- Sicurezza dei cittadini (soluzioni tecnologiche per la protezione civile, la bio-sicurezza, protezione dal crimine e dal terrorismo)
- Sicurezza delle infrastrutture e dei servizi pubblici
- Sorveglianza intelligente e sicurezza ai confini
- Integrazione dei sistemi di sicurezza, interconnettività e interoperabilità
- Sicurezza e società

### **Aree di attività:**

- Protezione contro il terrorismo e la criminalità
- Sicurezza delle infrastrutture e dei servizi pubblici
- Servizi di sorveglianza e intelligence, protezione delle frontiere
- Ristabilire la sicurezza in situazioni di crisi

<http://ec.europa.eu/research/participants/portal/page/cooperation?callIdentifier=FP7-SEC-2013-1>

## **FP7-SEC-2013-1**

### ***SECURITY OF INFRASTRUCTURES AND UTILITIES***

- SEC-2013.2.1-1 Evidence based and integral security concepts for government asset protection
- SEC-2013.2.1-2 Impact of extreme weather on critical infrastructure
- SEC-2013.2.2-1 A research agenda for security issues on land transp.
- SEC-2013.2.2-2 Toolbox for pandemics or highly dangerous pathogens in transport hubs –Capability Project
- SEC-2013.2.2-3 Protection of smart energy grids against cyber attacks
- SEC-2013.2.2-4 Cost effectiveness of security measures applied to renewable/distributed energy production and distrib.
- SEC-2013.2.2-5 Security of ground based infrastructure and assets operating space systems
- SEC-2013.2.4-1 Phase II demonstration programme on logistics and supply chain security
- SEC-2013.2.4-2 Non-military protection measures for merchant shipping against piracy
- SEC-2013.2.5-1 Developing a Cyber crime and cyber terrorism research agenda
- SEC-2013.2.5-2 Understanding the economic impacts of Cyber crime in non-ICT sectors across jurisdictions
- SEC-2013.2.5-3 Pan European detection and management of incidents/attacks on critical infrastructures in sectors such as energy, transport, finance,
- SEC-2013.2.5-4 Protection systems for utility networks

## **FP7-SEC-2013-1**

### ***INTELLIGENT SURVEILLANCE AND BORDER SECURITY***

SEC-2013.3.2-1 Pre-Operational Validation (POV) on land borders

SEC-2013.3.2-2 Sensor technology for under foliage detection

SEC-2013.3.2-3 Mobile equipment at the land border crossing points

SEC-2013.3.4-1 Border checkpoints - hidden human detection

SEC-2013.3.4-2 Extended border security-passport breeder document sec.

SEC-2013.3.4-3 Security checks versus risk at borders

### ***RESTORING SECURITY AND SAFETY IN CASE OF CRISIS***

SEC-2013.4.1-1 Phase II demo programme on aftermath crisis managem.

SEC-2013.4.1-2 Better understanding of the cascading effect in crisis situations to improve future response and contribute to lower damages

SEC-2013.4.1-3 Development of simulation models & tools for optimising pre-deployment/deployment of resources in emergency

SEC-2013.4.1-4 Development of decision support tools for improving response of Health Services in emergency situations

SEC-2013.4.1-5 Preparing societies to cope with large scale and/or cross border crisis and disasters

SEC-2013.4.1-6 Preparedness for/management of large scale forest fires

SEC-2013.4.2-1 Fast rescue of disaster surviving victims: Simulation

SEC-2013.4.3-1 Shaping immediate relief action in post crisis/post conflict

SEC-2013.4.4-1 Tools for detection, traceability, triage and individual monitoring of victims after a mass CBRN contamination

## **FP7-SEC-2013-1**

### ***SECURITY SYSTEMS INTEGRATION, INTERCONNECTIVITY AND INTEROPERABILITY***

SEC-2013.5.1-1 Analysis and identification of security systems used by first responders and police authorities

SEC-2013.5.1-2 Audio/voice analysis, speaker identification for sec.applicat.

SEC-2013.5.3-1 Definition of interoperability specifications for information meta-data exchange amongst sensors and control systems

SEC-2013.5.3-2 Testing interoperability of maritime surveillance systems

SEC-2013.5.4-1 Evaluation and certification schemes for security products

### ***SECURITY AND SOCIETY***

SEC-2013.6.1-1 The impact of social media in emergencies

SEC-2013.6.1-2 Varying forms of terrorism

SEC-2013.6.1-3 Trafficking in Human Beings: analysis of criminal network

SEC-2013.6.2-1 Facilitators for assistance among EU MS in emergencies

SEC-2013.6.3-1 Horizon scanning & foresight for security res.& innovation

SEC-2013.6.3-2 The evolving concept of security

SEC-2013.6.5-1 Synthesis of results/reviewing of ethics, legal and justice act

### ***SECURITY RESEARCH COORDINATION AND STRUCTURING***

SEC-2013.7.2-1 Open topic for SMEs: "Solutions for frequent petty crimes that are of high impact to local communities and citizens"

SEC-2013.7.3-1 Increasing the engagement of civil society in secur.research

SEC-2013.7.4-1 Trans-national cooperation among public security research

SEC-2013.7.6-1 Open topic for SMEs: "Use of serious gaming to improve intelligence analysis by law enforcement agents"

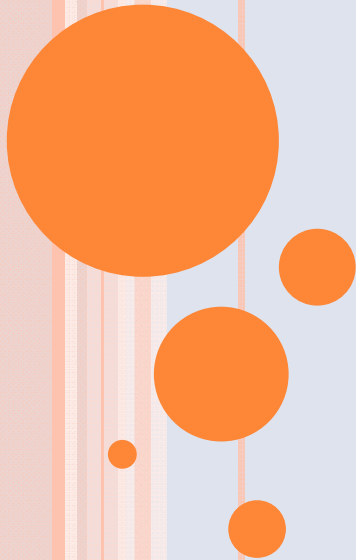


## **FP7-SEC-2013-1**

### *Additional eligibility criteria:*

Topics SEC-2013.3.2-1 and SEC-2013.5.3-2 will require the participation of at least 3 independent public authorities (at either local, regional, national or supra-national level).

Consortia are strongly encouraged to actively involve *SMEs and end-users*.



## Tema: Energia

### **Obiettivi:**

- modificare l'attuale sistema energetico in uno più sostenibile, competitivo e sicuro e meno dipendente all'importazione di carburante grazie all'utilizzo di diverse fonti energetiche rinnovabili e non inquinanti.

### **Aree di attività:**

- Idrogeno e celle a combustibile
- Produzione di energia elettrica da fonti rinnovabili
- Produzione di combustibile rinnovabile
- Fonti di energia rinnovabile per riscaldamento e refrigerazione
- Tecnologie di cattura e immagazzinamento di CO<sub>2</sub> per la generazione di elettricità ad emissioni zero
- Tecnologie pulite del carbone
- Reti di energia intelligenti
- Efficienza e risparmio energetico
- Conoscenze per l'elaborazione della politica energetica

## **FP7-ENERGY-2013-1**

**invito a presentare proposte per la priorità ENERGIA  
nell'ambito del programma specifico 'COOPERAZIONE'  
del VII Programma Quadro di RST**

Il programma di lavoro Energia per il 2013 mira a rafforzare gli sforzi di ricerca per sviluppare nuove tecnologie ad alte prestazioni in materia di basse emissioni di carbonio, spianando così la strada al nuovo programma Orizzonte 2020.

Denominati 'Energy 2013 - 1' e 'Energy 2013 - 2', i due inviti presentano un'ampia varietà di temi e argomenti che includono la produzione di energia e di combustibili rinnovabili, le tecnologie per la cattura e lo stoccaggio di CO<sub>2</sub>, le tecnologie del carbone pulite, le reti energetiche intelligenti e la creazione di un think-tank a sostegno della politica energetica e per la valutazione del suo impatto

SCADENZA FP7-ENERGY-2013-1: **28-11-2012**

FP7-ENERGY-2013-2: **24-01-2013**

[http://ec.europa.eu/research/participants/portalplus/static/docs/calls/fp7/fp7-energy-2013-1/32673-fp7-energy-2013-1\\_call\\_fiche\\_en.pdf](http://ec.europa.eu/research/participants/portalplus/static/docs/calls/fp7/fp7-energy-2013-1/32673-fp7-energy-2013-1_call_fiche_en.pdf)

[http://ec.europa.eu/research/participants/portal/page/cooperation;efp7\\_SESSION\\_ID=PpC3Q4TVG1MFXWBkH3L48Qr7rZ909L3N5jp6xnQ1d98xJQv0gVBp!2017552818?callIdentifier=FP7-ENERGY-2013-2](http://ec.europa.eu/research/participants/portal/page/cooperation;efp7_SESSION_ID=PpC3Q4TVG1MFXWBkH3L48Qr7rZ909L3N5jp6xnQ1d98xJQv0gVBp!2017552818?callIdentifier=FP7-ENERGY-2013-2)

## FP7-ENERGY-2013-1

Topics:

ENERGY.2013.2.1.1	Photovoltaics
ENERGY.2013.2.3.1 -2.3.2	Wind
ENERGY.2013.2.4.1	Geothermal Energy
ENERGY.2013.2.6.1	Ocean energy
ENERGY.2013.2.7.1	Hydro Energy
ENERGY.2013.2.9.1(SICA)- 2.9.2- 3.7.1	Cross-Cutting Issues
ENERGY.2013.4.1.1	Low/Medium Temperature Solar Thermal Energy
ENERGY.2013.5.1.1-5.1.2-5.2.1	CO2 capture /CO2 storage
ENERGY.2013.6.1.1	Conversion Technologies for Zero Emission Power Generation
ENERGY.2013.7.2.1-2-4	Pan-European Energy Networks
ENERGY.2013.7.3.3	Cross Cutting Issues

Funding schemes: CP, CSA, SICA (at least 4 independent legal entities, 2 established in different MS or AC and 2 established in different international cooperation partner countries).

## PROSPETTO BANDI FP7-COOPERATION IN SCADENZA

<b>BANDI NOVEMBRE 2012</b>	<b>SCADENZE</b>
FP7-AAT-2013 / FP7-SST-2013	14 novembre
FP7-SPACE-2013	21 novembre
FP7-SEC-2013	22 novembre
FP7-ENERGY-2013-1	28 novembre
FP7-ICT-2013-EU-JAPAN	29 novembre

# COME PRESENTARE UNA PROPOSTA

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

The screenshot displays the 'Latest Info - Research Participant Portal' page in a Windows Internet Explorer browser. The browser's address bar shows the URL [http://ec.europa.eu/research/participants/portal/page/fp7\\_calls](http://ec.europa.eu/research/participants/portal/page/fp7_calls). The page header features the European Commission logo and the text 'RESEARCH & INNOVATION Participant Portal'. A breadcrumb trail indicates the current location: 'European Commission > Research & Innovation > Participant Portal > FP7 Calls > Latest Info'. The navigation menu includes tabs for 'Home', 'FP7 Calls', 'FP7 Doc', 'My Organisations', and 'Experts'. Below this, a secondary menu highlights 'Latest Info', 'Cooperation', 'Ideas', 'People', 'Capacities', 'Euratom', and 'Search Calls'. The main content area is divided into two sections: 'LOGIN' and 'LATEST CALLS'. The 'LOGIN' section contains a 'Login' button and a link to 'Register your account'. The 'LATEST CALLS' section includes a 'New calls' heading, a paragraph stating that users can access all calls by clicking on programme tabs or using the search feature, and a box titled 'Latest dates of call publications:' which lists 'New calls published on 10/10/2012'.

# COME PRESENTARE UNA PROPOSTA

<http://ec.europa.eu/research/participants/portal/page/cooperation>



The screenshot displays the 'RESEARCH & INNOVATION Participant Portal' for the European Commission. The page is titled 'COOPERATION' and features a navigation menu with options like 'Home', 'FP7 Calls', 'FP7 Doc', 'My Organisations', 'Experts', and 'Search Calls'. The 'COOPERATION' section is highlighted in red, and it lists various research areas with the number of open calls for each:

- [Food, Agriculture and Fisheries, and Biotechnology](#) / 3 open calls
- [Information and Communication Technologies](#) / 12 open calls
- [Nanosciences, Nanotechnologies, Materials and new Production Technologies - NMP](#) / 11 open calls
- [Energy](#) / 6 open calls
- [Environment \(including Climate Change\)](#) / 6 open calls
- [Transport \(including Aeronautics\)](#) / 8 open calls
- [Socio-economic sciences and Humanities](#) / 3 open calls
- [Space](#) / 1 open calls
- [Security](#) / 1 open calls
- [Joint Technology Initiatives \(Annex IV-SP1\)](#) / 1 open calls

On the left side of the page, there is a 'LOGIN' section with a 'Login' button and a link to 'Register your account'. Below it is a 'STAY TUNED' section with links for 'What is RSS?', 'What is iCal?', and 'Email Notification'.

## COME PRESENTARE UNA PROPOSTA

<http://ec.europa.eu/research/participants/portal/page/cooperation#energy>

Energy ([back to top](#))

Call for proposals

Show  entries    Search:

Call Identifier	Call Title	Publication Date	Deadline
<a href="#">FP7-ENERGY-2013-1</a>	Energy Call - Part 1	2012-07-10	2012-11-28
<a href="#">FP7-SMARTCITIES-2013</a>	Smart Cities and Communities	2012-07-10	2012-12-04
<a href="#">FP7-ENERGY-2013-IRP</a>	Energy Call - Integrated Research Programmes	2012-07-10	2013-01-08
<a href="#">FP7-ENERGY-2013-2</a>	Energy Call part 2	2012-07-10	2013-01-24
<a href="#">FP7-OCEAN-2013</a>	The Ocean of Tomorrow 2013	2012-07-10	2013-02-07
<a href="#">FP7-ERANET-2013-RTD</a>	ERA-NET Call 2013	2012-07-10	2013-02-28

Showing 1 to 6 of 6 entries

Environment (including Climate Change) ([back to top](#))

Call for proposals



# COME PRESENTARE UNA PROPOSTA

The screenshot displays the European Commission Research & Innovation Participant Portal. The header includes the European Commission logo and the text "RESEARCH & INNOVATION Participant Portal". The breadcrumb trail reads: "European Commission > Research & Innovation > Participant Portal > FP7 Calls > Cooperation".

The navigation menu includes: Home, FP7 Calls, FP7 Doc, My Organisations, Experts, and a help icon (?). Below this, a secondary menu highlights "Cooperation" in red, with other options: Latest Info, Ideas, People, Capacities, Euratom, and Search Calls.

The main content area is titled "COOPERATION" and features filters for "Open", "Closed", and "Forthcoming". The featured call is "Energy Call - Part 1".

**Energy Call - Part 1**

Identifier: **FP7-ENERGY-2013-1**  
Publication Date: 10 July 2012  
Budget: € 107 500 000  
Deadline: 28 November 2012 at 17:00:00 (Brussels local time)  
OJ Reference: [OJ C202 of 10 July 2012](#)  
Specific Programme(s): COOPERATION  
Theme(s): Energy

On the left side of the page, there is a "LOGIN" section with a "Login" button and a link to "Register your account" with an information icon. Below it is a "STAY TUNED" section with links for "What is RSS?", "What is iCal?", and "Email Notification", each accompanied by its respective icon.

# COME PRESENTARE UNA PROPOSTA


## WHAT'S NEW

Participant Portal V3.3.1  
(07/2012)

- Area dedicated to experts (evaluators of research proposals, reviewers of projects etc.)

Participant Portal V3.3  
(06/2012)

- Area dedicated to experts
- Registration of multiple organisations on behalf of others
- Print, export and copy functions
- New action buttons in My Organisations and My Project tabs
- Improved My Roles and FP7 Calls tabs

[read more](#) 


## Information Package Key documents required for the preparation of your proposal


In order to receive a complete Information Package for this call, you will need to select the following elements:


1. The call fiche (only available in .pdf format)
2. The work programme (.pdf format)
3. FP7 factsheets in your preferred language - an overview of the basic features of this programme (.pdf format)
4. The Guides for Applicants relevant to the funding schemes used in this call (.pdf format)


Click to download file

[The call fiche](#) 


[Cooperation Work Programme 2013 - General Introduction](#) 

[Cooperation Work Programme 2013 - General Annexes](#) 

[Work Programme 2013 - Energy](#) 

[Guide for Applicants \(Common part\) - Collaborative projects \(CP\)](#) 

[Guide for Applicants - Collaborative Projects - Annexes Part](#) 

[FP7 Factsheets](#) 

## Additional Documents Useful documents on the call and on FP7 in general

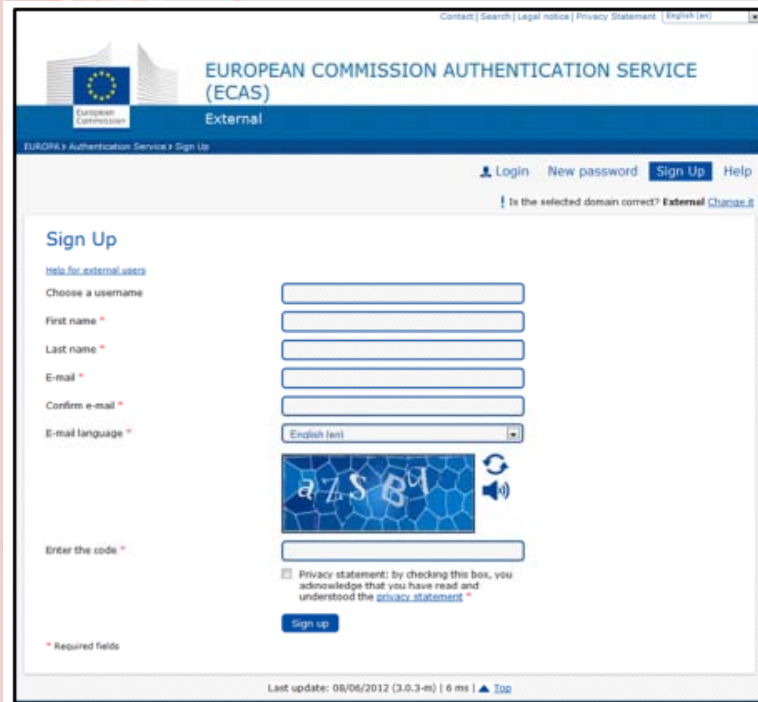
# COME PRESENTARE UNA PROPOSTA

## Call title: Energy Call Part 1

- **Call identifier:** FP7-ENERGY-2013-1
- **Date of publication:** 10 July 2012
- **Deadline:** 28 November 2012 at 17.00.00, (Brussels local time)<sup>1</sup>
- **Indicative budget**<sup>2</sup>: EUR 107.5 million from the 2013 budget<sup>3</sup>, of which
  - EUR 105.5 million from Theme 5 – Energy
  - EUR 2 million from Theme 2 – Food, Agriculture and Fisheries, and Biotechnology (FAFB)<sup>4</sup>

Challenge	Activities / Areas / Topics in this work programme	Indicative budget
Renewable energies	Area Energy 2.1: Photovoltaics Area Energy 2.3: Wind Area Energy 2.4: Geothermal energy Area Energy 2.6: Ocean energy Area Energy 2.9: Cross-Cutting Issues Area Energy.4.1: Low/Medium Temperature Solar Thermal Energy	EUR 51 million
Renewable energies	Topic ENERGY.2013.3.7.1: Support to the sustainable delivery of non-food biomass feedstock at local, regional and pan-European level	EUR 4 million <sup>5</sup>
Smart grids / energy storage	Area Energy 2.7: Hydro energy Activity Energy.7: Smart Energy Networks	EUR 24 million
Carbon Capture and Storage	Activity Energy.5: Co2 Capture and Storage Technologies for Zero Emission Power Generation Activity Energy.6: Clean Coal Technologies	EUR 28.5 million

# Il sistema EPSS



2. Provide your **user name and password**
3. Click on the **Login** button



## If you do not have an account with the European Commission

If you do not have an account with the Commission, you can create one in a few minutes. From the Participant Portal, click on the **Register** your account to start the process.

1. Fill the required fields in
2. Click on the **Sign up** button located at the bottom of the page
3. An email will be send to the email address you have registered to confirm your registration

1. Accedere al sistema EPSS dalla pagina del bando
2. Se non si ha un account ECAS, crearlo, attendere la mail della Commissione, attivare l'account ed effettuare il log in
3. Inserire il PIC dell'organizzazione (UNIPA 999734284)

# COME PRESENTARE UNA PROPOSTA

## Part B: Project description

Proposal full title:

Proposal acronym:

### Proposal

***1: Scientific and/or technical quality, relevant to the topics addressed by the call***

#### ***1.1 Concept and objectives***

*Explain the concept of your project. What are the main ideas that led you to propose this work?*

*Describe in detail the S&T objectives. Show how they relate to the topics addressed by the call, which you should explicitly identify. The objectives should be those achievable within the project, not through subsequent development. They should be stated in a measurable and verifiable form.*

#### ***1.2 Progress beyond the state-of-the-art***

*Describe the state-of-the-art in the area concerned, and the advance that the proposed project would bring about. If applicable, refer to the results of any patent search you might have carried out.*

# COME PRESENTARE UNA PROPOSTA

## Part B: Project description

### 1.3 S/T methodology and associated work plan

*A detailed work plan should be presented, broken down into work packages (WPs) which should follow the logical phases of the implementation of the project, and include consortium management and assessment of progress and results.*

*i) Describe the overall strategy of the work plan*

*ii) Show the timing of the different WPs and their components (Gantt chart or similar)*

*iii) Provide a detailed work description broken down into work packages:*

*Work package list (please use table 1.3a);*

*Deliverables list (please use table 1.3b);*

*List of milestones (please use table 1.3c);*

*Description of each work package (please use table 1.3d);*

*Summary effort table (please use table 1.3e)*

*iv) Provide a graphical presentation of the components showing their interdependencies (Pert diagram or similar)*

*v) Describe any significant risks and associated contingency plans*

*Note: The number of work packages used must be appropriate to the complexity of the work and the overall value of the proposed project.*

# COME PRESENTARE UNA PROPOSTA

## Part B: Project description

### Table 1.3 a: Work package list

Work package nr.	Work package title	Type of activity	Lead participant nr.	Lead participant short name	Person-months	Start month	End month

RTD = Research and technological development; DEM = Demonstration; MGT = Management of the consortium; OTHER = Other specific activities

### Table 1.3 b: Deliverables List

Del. nr (1)	Deliverable name	WP no.	Nature (2)	Dissemination level (3)	Delivery date (proj month) (4)
1.1	Yearly scientific and administrative report	1	R	CO	12, 24, 36

**R** = Report, **P** = Prototype, **D** = Demonstrator, **O** = Other  
**PU** = Public, **PP** = Restricted to other programme participants + UE), **RE** = Restricted to a group specified by the consortium + UE), **CO** = Confidential,

# COME PRESENTARE UNA PROPOSTA

## Part B: Project description

**Table 1.3 c: List of milestones**

Milestone number	Milestone name	Work package(s) involved	Expected date <sup>(1)</sup>	Means of verification <sup>(2)</sup>
1.1	Progress assessment	WP1	12	Internal reports and project meetings

Milestones are control points where decisions are needed with regard to the next stage of the project.

Example 1: a milestone may occur when a major result has been achieved, if its successful attainment is required for the next phase of work.

Example 2: a point when the consortium must decide which of several technologies to adopt for further development

Means of verification: 1) A laboratory prototype completed and running flawlessly; 2) software released and validated by a user group; 3) field survey complete and data quality validated





# COME PRESENTARE UNA PROPOSTA

## 2. Implementation

### 2.1 Management structure and procedures

*Describe the organisational structure and decision-making mechanisms of the project. Show how they are matched to the complexity and scale of the project.*

### 2.2 Individual participants

*For each participant in the proposed project, provide a brief description of the legal entity, the main tasks they have been attributed, and the previous experience relevant to those tasks. Provide also a short profile of the staff members who will be undertaking the work (one page per member)*

### 2.3 Consortium as a whole

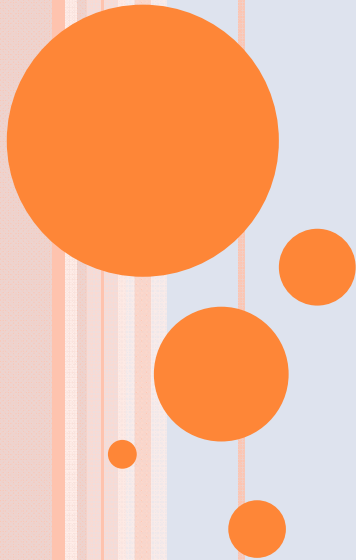
*Describe how the participants collectively constitute a consortium capable of achieving the project objectives, and how they are suited and are committed to the tasks assigned to them. Show the complementarity between participants. Explain how the composition of the consortium is well-balanced in relation to the objectives of the project*

## COME PRESENTARE UNA PROPOSTA

### **2.4 Resources to be committed**

*Describe how the totality of the necessary resources will be mobilised, including any resources that will complement the EU contribution. Show how the resources will be integrated in a coherent way, and show how the overall financial plan for the project is adequate.*

*In addition to the costs indicated in Part A3 of the proposal, and the staff effort shown in section 1.3 above, please indicate any other major costs (e.g. equipment)*



## COME PRESENTARE UNA PROPOSTA

### 3. Impact

#### 3.1 Expected impacts listed in the work programme

*Describe how your project will contribute towards the expected impacts listed in the work programme in relation to the topic or topics in question. Mention the steps that will be needed to bring about these impacts. Explain why this contribution requires a European (rather than a national or local) approach. Indicate how account is taken of other national or international research activities. Mention any assumptions and external factors that may determine whether the impacts will be achieved.*

#### 3.2 Dissemination and/or exploitation of project results, and management of intellectual property

*Describe the measures you propose for the dissemination and/or exploitation of project results, and how these will increase the impact of the project. In designing these measures, you should take into account a variety of communication means and target groups as appropriate (e.g. policy-makers, interest groups, media and the public at large)*