

# Convocatòries obertes i pendents d'obrir 7PM - 2011

Última actualització 27 d'Abril de 2011

**Oficina de Projectes Europeus  
Centre de Transferència de  
Tecnologia**

27/04/2011

## Convocatòries obertes/pendents obrir 7PM - 2011

### INDEX

<b>COOPERATION – COLLABORATIVE RESEARCH .....</b>	<b>3</b>
- Health .....	3
- Information and communication technologies.....	5
- Energy .....	7
- Environment .....	9
- Transport (including Aeronautics) .....	11
- Nanosciences, Nanotechnologies, materials and new production technologies .....	18
- Space .....	21
- Security .....	22
- Joint Technology Initiatives .....	26
- Socio-economic Sciences and Humanities .....	26
- Food, Agriculture and Fisheries, and Biotechnology .....	28
<b>IDEAS – FRONTIER RESEARCH .....</b>	<b>27</b>
<b>PEOPLE – MARIE CURIE ACTIONS .....</b>	<b>28</b>
- Integration Grants (IG) .....	28
- European Fellowships for career development (IEF) .....	28
- International Incoming Fellowships (IIF) .....	28
- Outgoing fellowships for career development (IOF) .....	28
- Trans-national cooperation among NCPs (NCP) .....	28
- Initial Training Networks (ITN).....	28
- International Research Staff Exchange Scheme (IRSES) .....	29
- Industry –Academia Partnerships and Pathways (IAPP) .....	29
<b>CAPACITIES – RESEARCH CAPACITY .....</b>	<b>30</b>
- Research infrastructures .....	30
- Research for benefit of SMEs .....	31
- Regions of Knowledge .....	31
- Science in Society .....	31
- Activities of International Cooperation .....	32

## Convocatòries obertes/pendents obrir 7PM - 2011

*\* S'ha de tenir en compte que la informació de totes les convocatòries pendents d'obrir, s'ha extret dels esborranys dels subprogrames de treball, per tant, està subjecte a variacions de contingut d'aquestes, així com dates límits i pressupost.*

Cooperation – Collaborative research 32.292 milions d'€ (60.8%)				
CONVOCATÒRIA	IDENTIFICADOR	DATA LÍMIT	PRESSUPOST	OBJECTIUS
<b>HEALTH</b>				
HEALTH-2012- single-stage HEALTH-2012- two-stage	FP7-HEALTH- 2012-single- stage FP7-HEALTH- 2012-two-stage	Pendent de sortir	620.000.000 €	<p><b>2012-1.2-1.</b> Development of technologies with a view to patient group stratification for personalised medicine applications</p> <p><b>2012-1.4-1:</b> Innovative approaches to solid organ transplantation</p> <p><b>2012-1.4-2:</b> Medical technology for the transplantation sector and bioartificial organs</p> <p><b>2012-1.4-3:</b> Innovative strategies for translation of stem cell based therapies in regenerative Medicine</p> <p><b>2012-1.4-4:</b> Targeted nucleic acid delivery as an innovative therapeutic or prophylactic Approach</p> <p><b>2012-2.1.1-1:</b> Clinical utility of -omics for better diagnosis and treatment of rare diseases</p> <p><b>2012-2.1.1-2</b> Validation of -omics-based biomarkers for diseases affecting the elderly</p> <p><b>2012-2.1.1-3.</b> Statistical methods for collection and analysis of -omics data</p> <p><b>2012-2.1.2-1.</b> Systems medicine: Applying systems biology approaches to address clinical needs</p> <p><b>2012-2.1.2-2.</b> Systems medicine: Applying systems biology approaches for understanding common human diseases and their co-morbidities preparing for the future research and innovation activities in systems Medicine</p> <p><b>2012-2.2.2-1:</b> Integrative systems biology and comparative genomics for studying human ageing and most common age-related conditions</p> <p><b>2012-2.2.2.-2:</b> Investigator-driven clinical trials for optimisation of</p>

## Convocatòries obertes/pendents obrir 7PM - 2011

			<p>treatment for elderly patients with multiple diseases</p> <p><b>2012-2.3.0-1:</b> Diagnostics for infectious diseases</p> <p><b>2012-2.3.2-1:</b> Co-infection and co-morbidity in HIV/AIDS, malaria, tuberculosis and Hepatitis</p> <p><b>2012-2.3.2-2:</b> Prevention and treatment for HIV/AIDS, malaria and tuberculosis</p> <p><b>2012-2.3.2-3:</b> Low-cost interventions for disease control in resource poor settings</p> <p><b>2012-2.4.3-1:</b> Innovative approach to manage diabetes</p> <p><b>2012-2.4.3-2:</b> Investigator-driven clinical trials for type 1 diabetes research</p> <p><b>2012-2.4.4-1:</b> Preclinical and/or clinical development of substances with a clear potential as orphan drugs</p> <p><b>2012-2.4.4-2:</b> Observational trials in rare diseases</p> <p><b>2012-2.4.4-3:</b> Best practice and knowledge sharing in the clinical management of rare Diseases</p> <p><b>2012-2.4.5-1:</b> Technological approaches to combating sensory impairments</p> <p><b>2012-2.4.5-2:</b> Biomarkers and diagnostics for chronic inflammatory diseases of the joints and digestive system</p> <p><b>2012-3.2-1:</b> Improving the organisation of health service delivery</p> <p><b>2012-3.2-2:</b> New methodologies for health technology assessment</p> <p><b>2012-3.4-1:</b> Health systems/services research in low and middle income countries</p> <p><b>2012-4.1-1:</b> Network to encourage technology transfer activity in FP-funded health research (especially in academic and governmental organisations)</p> <p><b>2012-4.1-2:</b> Training actions linked to intellectual property rights management and technology transfer</p>
--	--	--	--

## Convocatòries obertes/pendents obrir 7PM - 2011

				<b>2012-4.1-3:</b> Support for Presidency events: Organisation of supporting actions and events related to the Presidency of the European Union
<b>INFORMATION AND COMMUNICATION TECHNOLOGIES</b>				
<b>FET Open</b>	FP7-ICT-2011-C	12/03/2013	46 000 000 €	<p><b>ICT-2011.9.1:</b> Challenging current Thinking</p> <p><b>ICT-2011.9.2:</b> High-Tech Research Intensive SMEs in FET research</p> <p><b>ICT-2011.9.3:</b> FET Young Explorers</p> <p><b>ICT-2011.9.4:</b> International cooperation on FET research</p>
<b>SME Initiative on Digital Content and Languages</b>	FP7-ICT-2011-SME-DCL	28/04/2011	35.000.000 €	<b>ICT-2011.4.1</b> - SME initiative on Digital Content and Languages
<b>Call for tender</b>	2011/S 70-113035	09/04/2011	250.000 €	Quantitative Estimates of the Demand for cloud computing in Europe and the likely barriers to take-up.
<b>ICT Call 8</b>	FP7-ICT-2011-8	17/01/2012	335.000.000 € (Challenge 1) 190.500.000 € (Challenge 3) 50.000.000 € (Challenge 4) 145.000.000 € (Challenge 6) 60.000.000 € (Challenge 7) 60.000.000 € (Challenge 8) 56.000.000 € (Challenge 9)	<p><b>Challenge 1: Pervasive and Trusted Network and Service Infrastructures</b></p> <p>1.1. Future Networks;</p> <p>1.2 Cloud Computing, Internet of Services and Advanced Software Engineering</p> <p>1.4 Trustworthy ICT</p> <p>1.6 Future Internet Research and Experimentation</p> <p><b>Challenge 3: Alternative Paths to Components and Systems</b></p> <p>3.1 Very advanced nanoelectronic components: design, engineering, technology and manufacturability</p> <p>3.2 Smart components and smart systems integration</p> <p>3.5 Core and disruptive photonic technologies</p> <p><b>Challenge 4: Technologies for Digital Content and Languages</b></p> <p>4.4 Intelligent Information Management</p> <p><b>Challenge 6: ICT for a Low Carbon Economy</b></p> <p>6.1 Smart energy grids</p> <p>6.3 ICT for efficient water resources management</p> <p>6.5 ICT for energy-positive neighbourhoods</p> <p>6.7 Cooperative systems for energy</p>

## Convocatòries obertes/pendents obrir 7PM - 2011

				<p>efficient and sustainable mobility 6.8 ICT for fully electric vehicles</p> <p><b>Challenge 7: ICT for the Enterprise and Manufacturing</b></p> <p>7.2 Manufacturing Solutions for new ICT products</p> <p><b>Challenge 8: ICT for Learning and Access to Cultural Resources</b></p> <p>8.1 Technology-Enhanced Learning</p> <p><b>Challenge 9: Future and Emerging Technologies</b></p> <p>9.6 FET Proactive: Unconventional Computation</p> <p>9.7 FET Proactive: Dynamics of Multi-Level Complex Systems</p> <p>9.8 FET Proactive: Minimising Energy Consumption of Computing to the Limit (MINCON)</p> <p>9.12 Coordinating Communities, Identifying new research topics for FET Proactive initiatives and Fostering Networking of National and Regional Research Programmes</p> <p>9.14 'Science of Global Systems'</p> <p><b>Horizontal Actions</b></p> <p>11.1 Ensuring more efficient, higher quality public services through Pre-Commercial Procurement</p>
ICT Call 9	FP7-ICT-2011-9	17/04/2012	<p>82.000.000 € (Challenge 2)</p> <p>30.000.000 € (Challenge 4)</p> <p>66.500.000 € (Challenge 5)</p> <p>40.000.000 € (Challenge 8)</p> <p>70.500.000 € (Challenge 9)</p> <p>2.000.000 € (Challenge 10)</p>	<p><b>Challenge 2: Cognitive systems and robotics</b></p> <p>2.1 Cognitive Systems and Robotics</p> <p><b>Challenge 4: Technologies for Digital Content and Languages</b></p> <p>4.3 Digital Preservation</p> <p>4.4 Intelligent Information Management</p> <p><b>Challenge 5: ICT for Health, Ageing Well, Inclusion and Governance</b></p> <p>5.2 Virtual Physiological Human</p> <p><b>Challenge 8: ICT for Learning and Access to Cultural Resources</b></p> <p>8.2 ICT for access to cultural resources</p> <p><b>Challenge 9: Future and Emerging Technologies</b></p> <p>9.9 FET Proactive: Quantum ICT (QICT) including ERA-NET-Plus</p> <p>9.10 FET Proactive: Fundamentals of Collective Adaptive Systems (FOCAS)</p>

## Convocatòries obertes/pendents obrir 7PM - 2011

				9.11 FET Proactive: Neuro-Bio-Inspired Systems (NBIS) 9.12 Coordinating Communities, Identifying new research topics for FET Proactive initiatives and Fostering Networking of National and Regional Research Programmes <b>Challenge 10: International Cooperation</b> 10.3 International Partnership building and support to dialogues
"Factories of the Future"-2012	FP7-2012-NMP-ICT-FoF	02/12/2011		1. Smart factories: energy-aware, agile manufacturing and customisation 2. Manufacturing Solutions for new ICT products
"ICT for Green Cars"-2012	FP7-2012-ICT-GC	02/12/2011	30.000.000 €	PPP GC: ICT for fully electric vehicles
"Future Internet"-2012	FP7-2012-ICT-FI	02/12/2011	77.000.000 €	1.8 Use Case scenarios and experimentation 1.9 Capacity Building and Infrastructure Support
Joint Call ICT-SSH on 'Science of Global Systems'	FP7-ICT-SSH-2012-1	Pendent de sortir		9.14 Joint Call ICT-SSH on 'Science of Global Systems'
SME initiative on Digital Content and Languages		Pendent de sortir		4.1 SME initiative on Digital Content and Languages
<b>ENERGY</b>				
Energy Call Part 1	FP7-ENERGY-2012-1	25/10/2011	150.000.000€	<b>Energy 2012.1.1:</b> Reliable, cost-effective, highly performing PV systems <b>ENERGY.2012.2.3.1:</b> Innovative wind conversion systems (10-20MW) for offshore applications <b>ENERGY.2012.2.5.1:</b> Research, development and testing of solar dish systems <b>ENERGY.2012.2.5.2:</b> Hybridisation of CSP with other energy sources <b>ENERGY.2012.2.9.1:</b> Power generation in the low temperature range <b>ENERGY.2012.3.2.1:</b> Biofuels from microalgae or macroalgae <b>ENERGY.2012.3.2.2:</b> Development and testing of advanced sustainable bio-based fuels for air transport <b>ENERGY.2012.3.7.1:</b> Development of

## Convocatòries obertes/pendents obrir 7PM - 2011

				<p>new or improved logistics for lignocellulosic biomass harvesting, storage and transport</p> <p><b>ENERGY.2012.4.1.1:</b> Research and development for medium temperature range solar collectors (100°-250°C)</p> <p><b>ENERGY.2012.5.2.1:</b> Sizeable pilot tests for CO2 geological storage</p> <p><b>ENERGY.2012.5.2.2:</b> Impact of the quality of CO2 on transport and storage behaviour</p> <p><b>ENERGY.2012.5&amp;6.2.1:</b> Support to the coordination of stakeholders' activities in the field of Zero Emission Energy Production</p> <p><b>ENERGY.2012.7.1.1:</b> Integration of variable distributed resources in distribution networks</p> <p><b>ENERGY.2012.7.1.2:</b> Enhancing electricity networks through use of distributed intelligence</p> <p><b>ENERGY.2012.7.1.3:</b> Empowering smart customers to participate in active demand and energy system efficiency</p> <p><b>ENERGY.2012.7.2.1:</b> Planning for European Electricity Highways to ensure the reliable delivery of renewable electricity and market integration</p> <p><b>ENERGY.2012.7.3.1:</b> Networking of national R&amp;D and demonstration projects on smart metering infrastructure and data processing</p> <p><b>ENERGY.2012.7.3.2:</b> Facilitating the deployment of safe stationary batteries</p> <p><b>ENERGY.2012.7.3.3:</b> Support to the coordination of stakeholders activities in the field of Smart Grids</p> <p><b>ENERGY.2012.8.1.1:</b> Next generation heat pump technologies</p> <p><b>ENERGY.2012.10.2.1:</b> Future Emerging Technologies</p>
<b>Energy Call part 2</b>	FP7-ENERGY-2012-2	Pendent de sortir	81.000.000€	<p><b>Energy.2012.2.1-2:</b> Demonstration of multifunctional PV modules</p> <p><b>Energy.2012.2.3-2:</b> Demonstration of</p>



## Convocatòries obertes/pendents obrir 7PM - 2011

				<p>designs to reduce fatigue loads and improve reliability of multi-MW turbines</p> <p><b>Energy.2012.2.6-1:</b> Demonstration and deployment of first ocean energy farms</p> <p><b>Energy.2012.3.2.3:</b> Precommercial industrial scale demonstration plant on lignocellulosic ethanol</p> <p><b>Energy.2012.5&amp;6.1-1</b> Pilot plant-scale demonstration of advanced post-combustion CO2 capture processes with a view to integration in fossil fuel power plants</p> <p><b>Energy.2012.5&amp;6.1-2:</b> Pilot plant-scale demonstration and integration of emerging and new combustion technologies</p>
<b>Smart Cities and Communities</b>	FP7-ENERGY-SMARTCITIES-2012	Pendent de sortir	40.000.000€	<p><b>Energy.2012.8.8-1:</b> Strategic sustainable planning and screening of city plans – Smart Cities and Communities Incubator</p> <p><b>Energy.2012.8.8-2:</b> Large scale systems for urban area heating and/or cooling supply</p>
<b>ERA-NET Call 2012</b>	FP7-ERANET-2012-RTD	Pendent de sortir	10.000.000€	
<b>"Energy-efficient Buildings" - 2012</b>	FP7-2012-NMP-ENV-ENERGY-ICT-EeB	Pendent de sortir	35.000.000€	
<b>ENVIRONMENT (INCLUDING CLIMATE CHANGE)</b>				
<b>FP7-ENV-2012-Two stage</b>	ENV-2012- two stage	20/10/2011	217.000.000€	<p><b>ENV.2012. 6.1-1</b> Climate predictions towards climate services</p> <p>ENV.2012.6.1-2 Options and pathways towards effective mitigation and adaptation</p> <p><b>ENV.2012.6.2-1</b> Exploration of the operational potential of the concepts of ecosystem services and natural capital to systematically inform sustainable land, water and urban management</p> <p><b>ENV.2012.6.3-1</b> Innovative resource efficient technologies, processes and services</p> <p><b>ENV.2012.6.4-1</b> Improving the resilience of society to catastrophic events through new risk-management</p>

## Convocatòries obertes/pendents obrir 7PM - 2011

				<p>partnerships</p> <p><b>ENV.2012.6.4-2</b> Long-term monitoring experiment in geologically active regions of Europe prone to natural hazards: the Supersite concept</p> <p><b>ENV.2012.6.4-3</b> Integrating environmental and health data to advance knowledge of the role of environment in human well-being: the European exposome initiative</p> <p><b>ENV.2012.6.5-1:</b> Developing community-based environmental monitoring and information systems using innovative and novel earth observation applications</p> <p><b>ENV.2012.6.5-2</b> Demonstration and exploitation of most promising prototypes and tools derived from European research activities</p>
<b>FP7-ENV-2012-Single stage</b>	ENV-2012-single stage	20/10/2011	38.000.000 €	<p><b>ENV.2012.6.1-3</b> Exploiting the full potential of economic instruments to achieve the EU's key greenhouse gas emissions reduction targets for 2020 and 2050</p> <p><b>ENV.2012.6.2-2</b> Innovative Tools for Understanding and Assessing Good Environmental Status of Marine Waters to Support Ecosystem-based Management</p> <p><b>ENV.2012.6.2-3</b> Improve scientific knowledge base to support the implementation of the Marine strategy framework directive</p> <p><b>ENV.2012.6.2-4:</b> Assessing global biological resources: the European contribution to the Global Earth Observation Biodiversity Observation Network (GEO BON)</p> <p><b>ENV.2012.6.2-5</b> Development of advanced technologies and tools for mapping, diagnosing, excavating, and securing underwater and coastal archaeological sites</p> <p><b>ENV.2012.6.3-2</b> Policy options for a resource efficient economy</p> <p><b>ENV.2012.6.3-3</b> Development of resource efficiency indicators</p> <p><b>ENV.2012.6.5-3</b> Exploring</p>

## Convocatòries obertes/pendents obrir 7PM - 2011

				opportunities for open access to primary environmental data
Concepts and solutions for improving energy efficiency of historic buildings at district level	FP7-2012-NMP-ENV-ENERGY-ICT-EeB	20/10/2011	5.000.000 €	
Public-Private Partnership "European Green Cars Initiative	FP7-2012-GC-ELECTROCHEMICAL-STORAGE	20/10/2011	5.000.000 €	
EU-India cooperation in water technology and management: research and innovation	ENV.2012...	Pendent de sortir		
Support for Programme coordination and cooperation in the context of the European Research Area in the field of water research	ENV.2012....	Pendent de sortir		
Support for Programme coordination and cooperation in the context of the European Research Area in the field of climate change research	ENV.2012.....	Pendent de sortir		
<b>TRANSPORT (INCLUDING AERONAUTICS)</b>				
<b>AERONAUTICS and AIR TRANSPORT (AAT)-2012-RTD-1</b>	FP7-AAT-2012-RTD-1	Pendent de sortir		<b><u>AREA 7.1.1.1. Green aircraft</u></b> AAT.2012.1.1-1. Flight physics; AAT.2012.1.1-2. Aerostructures; AAT.2012.1.1-3. Propulsion; AAT.2012.1.1-4. Systems and equipment; AAT.2012.1.1-5. Avionics; AAT..2012.1.1-6. Biofuels for aviation; <b><u>AREA 7.1.1.2. Ecological production</u></b>

## Convocatòries obertes/pendents obrir 7PM - 2011

				<p><b><u>and maintenance</u></b>  AAT.2012.1.2-1. Production;  AAT.2012.1.2-2. Maintenance and disposal;  <b><u>AREA 7.1.1.3. Green air transport operations</u></b>  AAT.2010.1.3-2. Airports;  AAT.2008.1.3.1. Flight and Air Traffic Management; AAT.2012.1.4-2. Breakthrough sub-systems enabling high overall pressure ratio engines;  <b><u>AREA 7.1.2.2. Time efficient air transport operations</u></b>  AAT.2012.2.2-2. Airports;  <b><u>AREA 7.1.3.1. Passenger friendly cabin</u></b>  AAT.2010.3.1-2. Noise and vibration;  AAT.2008.3.1.3. Systems and Equipment;  <b><u>AREA 7.1.3.2. Passenger friendly air transport operations</u></b>  AAT.20012.3.2.2. Airports;  <b><u>AREA 7.1.3.3. Aircraft safety</u></b>  AAT.2012.3.3.1. Aerostructures;  AAT.2012.3.3.x. Propulsion: tolerance to particle ingestion; AAT.2012.3.3.2. Systems and Equipment;  AAT.2012.3.3.4. Human Factors;  AAT.2012.3.3.X. Helicopter safety?;  AAT.2012.3.3.x. Integrated approach to safe flights under icing conditions;  AAT.2012.3.x.x. Integrated approach to safe operations under crew peak workload / reduced crew configuration;  <b><u>AREA 7.1.3.4. Operational safety</u></b>  AAT.2012.3.4.1. Design Systems and Tools; AAT.2012.3.4.2. Maintenance;  AAT.2012.3.4.4. Airports;  AAT.2012.3.4.5. Human Factors;  <b><u>AREA 7.1.4.1. Aircraft development cost</u></b>  AAT.2012.4.1-1. Design systems and tools; AAT.2012.4.1-2. Aerostructures;  AAT.2012.4.1-3. Systems and equipment; AAT.2012.4.1-4. Avionics;  AAT.2012.4.1-5. Production;;  AAT.2012.4.x-x. Integrated approach</p>
--	--	--	--	---

## Convocatòries obertes/pendents obrir 7PM - 2011

			<p>to lean manufacturing of composite and hybrid aircraft / engine structures;</p> <p><b><u>AREA 7.1.4.2. Aircraft operational cost</u></b>  AAT.2012.4.2-1. Flight physics;  AAT.2012.4.2-2. Aerostructures;  AAT.2012.4.2-3. Propulsion;  AAT.2012.4.2-4. Systems;  AAT.2012.4.2-5. Avionics;  AAT.2012.4.2.6. Maintenance</p> <p><b><u>AREA 7.1.4.3. Air Transport system operational cost</u></b>  AAT.2012.4.3.1. Design Systems and Tools; AAT.2012.4.3.4. Human Factors;</p> <p><b><u>AREA 7.1.5.1. Aircraft security</u></b>  AAT.2012.5.1.1. Aerostructures</p> <p><b><u>AREA 7.1.6.1. Breakthrough and emerging technologies</u></b>  AAT.2012.6.1-1. Lift; AAT.2012.6.1-2. Propulsion; AAT.2012.6.1-3. Interior space; AAT.2012.6.1-4. Life-cycle;</p> <p><b><u>AREA 7.1.6.2. Step changes in air transport operation</u></b>  AAT.2012.6.2-1. Novel air transport vehicles; AAT.2012.6.2-2. Guidance and control; AAT.2012.6.2-3. Airports; AAT.2012.6.2-3. Building Agility and Resilience of the ATM system beyond SESAR?;</p> <p><b>7.1.7. CROSS-CUTTING ACTIVITIES FOR IMPLEMENTATION OF THE SUB-THEME PROGRAMME</b>  AAT.2012.7-XX. Fostering innovation in Framework Programme funded research projects; AAT.2012.7-XX. Identifying barriers to innovation in aeronautics and air transport?; AAT.2011.7-xx. Assessment of the potential insertion of unmanned aerial system in the air transport system; AAT.2012.7-XX. Efficient Airports for Europe; AAT.2012.7-XX. Airport centred co-modality; AAT.2012.7-XX. Facilitating access to aircraft for disabled people; AAT.2012.x.x.x. Towards a European ATS Scenario Elaboration and Trend Assessment Capability; AAT.2012.7-XX.</p>
--	--	--	---

## Convocatòries obertes/pendents obrir 7PM - 2011

				Coordination of European airborne atmospheric measurement capability?; AAT.2012.7-XX. Attracting young Europeans to future careers in the field of aeronautics; AAT.2012.7-XX. Monitoring the progress towards the Vision 2020 goals; AAT.2012.7-XX. Supporting the organization of conferences and events of special relevance to aeronautics and air transport research;
FP7 AERONAUTICS and AIR TRANSPORT (AAT) - 2012 - RTD-LO	FP7-AAT-2012- RTD-LO	Pendent de sortir		<b><u>AREA 7.1.6.3.Promising pioneering breakthrough technologies and concepts for Aeronautics and Air Transport</u></b> AAT.2012.6.3-1. Breakthrough and emerging technologies; AAT.2012.6.3-2. Radical new concepts for air transport;
FP7 AERONAUTICS and AIR TRANSPORT (AAT) - 2012 - RTD-JAPAN	FP7-AAT-2012- RTD-JAPAN	Pendent de sortir		AAT.2012.x.x-# Enhancing strategic international cooperation with Japan in the field of aeronautical communications; AAT.2012.x.x-# Enhancing strategic international cooperation with Japan in the field of engine ceramic bearings; AAT.2012.x.x-# Enhancing strategic international cooperation with Japan in the field of intelligent icing detection; AAT.2012.x.x-# Enhancing strategic international cooperation with Japan in the field of high speed aircraft; AAT.2012.x.x-# Enhancing strategic international cooperation with Japan in the field engine component cooling;
Sustainable Surface Transport (Including European Green Cars Initiative)	FP7-SST-2012- RTD-1	Pendent de sortir	3.000.000 €	SST.2012.6-1. ERA-NET 'Transport III' (inclòs a la convocatòria FP7-ERANET-2012-RTD) <b><u>AREA 7.2.1.1. The greening of products and operations</u></b> SST.2012.1.1-1. Management of energy in railway systems; SST.2012.1.1-2. Assessment and mitigation of noise impacts of the maritime transport on the marine environment (Coordinated call within the framework of the Oceanof

## Convocatòries obertes/pendents obrir 7PM - 2011

				<p>Tomorrow); SST.2012.1.1-3. Support to the early implementation of the JPI 'Healthy and Productive Seas and Oceans' (Coordinated call within the framework of the Ocean of Tomorrow);</p> <p><b><u>AREA 7.2.2.2. Maritime and inland waterways transport</u></b></p> <p>SST.2012.2.2-1. Green vessels for efficient logistics chain; SST.2012.2.2-2. Towards an implementation of the NAIADES Action Areas;</p> <p><b><u>AREA 7.2.2.4. Quality of rail services</u></b></p> <p>SST.2012.2.4-1. Planning and rail towards 2050 ; SST.2012.2.4-2.The role of rail in the European transport system in response to major disruptions to it and improving the performance of urban and regional rail networks in case of incidents; SST.2012.2.4-3. Efficient rolling stock and train operations for competitive rail freight services;</p> <p>AREA 7.2.2.5. Interoperability and safety</p> <p>SST.2012.2.5-1. <i>Rail system interoperability (regulatory and non-legislative interoperability based on technological innovations);</i></p> <p>SST.2012.2.5-2. <i>Europe to Asia: Rail research collaboration;</i></p> <p><b><u>AREA 7.2.2.6. Traffic and information management</u></b></p> <p>SST.2012.2.6-1. <i>Research cooperation with ICPC and European neighbourhood countries in the field of mobility management for large events;</i></p> <p><b><u>AREA 7.2.3.1. New transport and mobility concepts</u></b></p> <p>SST.2012.3.1-1. Research actions regarding the accessibility of transport systems; SST.2012.3.1-2. Design and operation of new or upgraded efficient urban transport interchanges; SST.2012.3.1-3. Take-up of transport innovation in urban and regional transport; SST.2012.3.1-4 Automated</p>
--	--	--	--	---

## Convocatòries obertes/pendents obrir 7PM - 2011

				<p>electric vehicles;</p> <p><b><u>AREA 7.2.3.2. High quality public transport</u></b></p> <p>SST.2012.3.2-1. Efficient bus systems in the urban environment;</p> <p><b><u>AREA 7.2.4.1. Integrated safety and security for surface transport systems</u></b></p> <p>SST.2012.4.1-1. Human element factors in shipping safety;</p> <p>SST.2012.4.1-2. Safety of ships in extreme conditions; SST.2012.4.1-3. Large scale naturalistic driving observations for safe and sustainable transport; SST.2012.4.1-4. Impacts fo Intelligent Transport Systems on vulnerable road users;</p> <p><b><u>AREA 7.2.4.2. Policy support</u></b></p> <p>SST.2012.4.2-1. Priorities for road safety research in Europe;</p> <p><b><u>AREA 7.2.5.2. Competitive surface transport products and services</u></b></p> <p>SST.2012.5.2-1. Tools and conditions for an attractive, efficient and competitive Single Wagonload traffic and its interaction with road and intermodal transports; SST.2012.5.2-2. Next generation tools for optimized infrastructure asset management; SST.2012.5.2-3. Innovative structural and outfitting materials for ships including inland ships; SST.2012.5.2-4. Innovation and standardization in the field of signalling to accelerated a European ETCS rollout; SST.2012.5.2-5. E-guided vessels: the 'autonomous' ship; SST.2012.5.2-6. E-Maritime;</p> <p><b><u>AREA 7.2.7.1.1. Development of electric vehicles for road transport</u></b></p> <p>GC.SST.2012.7.1-3. Smart infrastructures and services for electric vehicles in the urban grid and road environment; GC.SST.2012.7.1-4. European strategy for rare materials and their possible substitution; GC.SST.2012.7.1-5. Modelling and testing for improved safety of alternatively-powered vehicles; GC.SST.2012.7.1-6. Integration and</p>
--	--	--	--	--



## Convocatòries obertes/pendents obrir 7PM - 2011

				<p>optimization of range extenders on EVs; GC.SST.2012.7.1-7. Urban freight Electric Vehicles for clean city logistics; <b><u>AREA 7.2.7.2. 1. Research for heavy duty vehicles for medium and long distance road transport</u></b></p> <p>GC.SST.2012.7.2-1. Extreme low rolling resistance tyres; GC.SST.2012.7.2-2. Complete vehicle energy management; GC.SST.2012.7.2-3. Demonstration of heavy duty vehicles running with compressed or liquefied methane; <b><u>AREA 7.2.7.3. 1. Logistics and co-modality</u></b></p> <p>GC.SST.2012.7.3-1. Improve capturing and sharing of transport data in support of innovative freight transport schemes; GC.SST.2012.7.3-2. Eco-logistics; GC.SST.2012.7.3-3. Platform for continuous intermodal freight transport strategic research and innovation; GC.SST.2012.7.3-4. Green hubs enabling co-modal network design;</p>
<p><b>Sustainable Surface Transport (Including European Green Cars Initiative)</b></p>	<p>FP7-TRANSPORT (TPT)-2012-RTD-1</p>	<p>Pendent de sortir</p>		<p>TPT.2012.1-1. Forum to help implementing the future orientation of the overall transport system as defined by the White Paper; TPT.2012.1-2. Global challenges in a long term perspective: 2030-2050; TPT.2012.1-3. Prospects on upcoming global competition for the European transport industry on clean transport systems; TPT.2012.1-4. Transport infrastructure impact on international competitiveness of Europe; TPT.2012.1-5. Exploring future transport paradigms beyond 2050; TPT.2012.2-1. Strategic high-level transport model; TPT.2012.2-2. Reduction of the vulnerability of the European Transport System to natural disasters; TPT.2012.2-3. Alternative fuels in transport; TPT.2012.3-1. Coordination of national and European research and innovation strategies and programmes;</p>

## Convocatòries obertes/pendents obrir 7PM - 2011

				TPT.2012.3-2. Fostering innovation in the Transport sector from Framework Programme projects results; TPT.2012.3-3. Bringing innovative products and services to the market: analysis of pathways and best conditions for innovation;
<b>NANOSCIENCES, NANOTECHNOLOGIES, MATERIALS AND NEW PRODUCTION TECHNOLOGIES</b>				
<b>Theme 4 – NMP - Nanosciences, Nanotechnologies, Materials and new Production Technologies – SMALL 2012</b>	FP7-NMP-2012-SMALL-6	Pendent d'obrir		<p><b>NMP.2012.1.1-1</b> Rational design of nano-catalysts for sustainable energy production based on fundamental understanding</p> <p><b>NMP.2012.1.3-2</b> Modelling toxicity behaviour of engineered nanoparticles</p> <p><b>NMP.2012.1.4-2</b> Hierarchical assembly of nanoscale building blocks</p> <p><b>NMP.2012.2.1-1</b> Joining dissimilar materials (excluding applications specific only to healthcare)</p> <p><b>NMP.2012.2.1-2</b> Fine chemicals from CO<sub>2</sub></p> <p><b>NMP.2012.2.1-3</b> Self-healing materials</p> <p><b>NMP.2012.2.1-4</b> Inducement prize in materials research towards innovation?</p> <p><b>NMP.2012.2.2-2</b> Materials for data storage</p> <p><b>NMP.2012.2.2-4</b> Cost-effective materials for larger blades for off-shore wind energy applications</p> <p><b>NMP.2012.2.2-7</b> Development of advanced magnetic materials with reduced scarce or critical elements</p> <p><b>NMP.2012.3.0-2</b> Highly efficient syntheses using alternative energy forms</p> <p><b>NMP.2012.3.0-3</b> Total Safety Management for industrial organizations</p>
<b>Theme 4 – NMP - Nanosciences, Nanotechnologies, Materials and new Production Technologies – LARGE 2012</b>	FP7-NMP-2012-LARGE-6	Pendent d'obrir		<p><b>NMP.2012.1.2-1</b> Reactive nanoparticles for in-situ site remediation</p> <p><b>NMP.2012.1.2-2</b> Development and Phase-I clinical trials of novel and translatable therapeutic nanotechnology-enabled systems especially including combination products for the treatment of</p>

## Convocatòries obertes/pendents obrir 7PM - 2011

				<p>Cardiovascular Diseases</p> <p><b>NMP.2012.1.3-1</b> Systematic investigations of the mechanisms and effects of engineered nanomaterial interactions with living systems and the environment</p> <p><b>NMP.2012.1.3-3</b> Regulatory testing of nanomaterials</p> <p><b>NMP.2012.1.4-1</b> Precision synthesis of nanomaterials</p> <p><b>NMP.2012.2.2-1</b> Biomaterials for improved performance of medical implants</p> <p><b>NMP.2012.4.0-1</b> New approaches in minerals processing</p>
<b>Theme 4 – NMP - Nanosciences, Nanotechnologies, Materials and new Production Technologies – SME 2012</b>	FP7-NMP-2012-SME-6	Pendent d'obrir		<p><b>NMP.2012.1.4-3</b> Measurement of performance and durability of low-friction nanostructured coatings</p> <p><b>NMP.2012.2.2-5</b> Halogen-free flame retardant materials</p> <p><b>NMP.2012.3.0-1</b> Innovative recycling technologies of high-tech metals</p>
<b>Theme 4 – NMP - Nanosciences, Nanotechnologies, Materials and new Production Technologies – CSA 2012</b>	FP7-NMP-2012-CSA-6	Pendent d'obrir		<p><b>NMP.2012.1.4-4</b> Evaluation of EC communication and dialogue on research and innovation in nanotechnologies and design of future needs for the EU (industry and society)</p> <p><b>NMP.2012.1.4-5</b> Developing pilot pan-European curricula in nanotechnologies to match the skill needs of EU industry and society</p> <p><b>NMP.2012.2.3-1</b> Materials for the creative industry: Identification of business models and areas for materials for the creative industry, as well as benchmarking and best practices to link materials libraries and insert designers in the materials value chain</p> <p><b>NMP.2012.2.3-2</b> Substitution of critical raw materials: networking, specifying R&amp;D needs and priorities and identifying low-hanging fruits</p> <p><b>NMP.2012.2.3-3</b> Networking of ETPs and main materials collective stakeholders in materials science and</p>

## Convocatòries obertes/pendents obrir 7PM - 2011

				<p>engineering</p> <p><b>NMP.2012.4.0-2</b> Support for standardisation needs</p> <p><b>NMP.2012.4.0-3</b> ERA-NET Plus on Innovation in forest-based industry for increasing resource efficiency and tackling climate change with competitive customer solutions</p> <p><b>NMP.2012.4.0-4</b> Organisation of events related to the Presidencies of the European Union</p> <p><b>NMP.2012.4.0-5</b> NCP trans-national activities</p>
Specific International Cooperation Actions (SICA)	FP7-NMP-2012-SICA	Pendent d'obrir		<p><b>NMP.2012.2.2-3</b> Advanced materials for high-temperature power generation</p> <p><b>NMP.2012.2.2-6</b> Photocatalytic materials for depollution</p>
"Factories of the Future" – 2012	FP7-2012-NMP-ICT-FoF	Pendent d'obrir		<p><b>FoF.NMP.2012-1</b> Adaptive machines and production systems for optimal energy consumption and near-to-zero emissions in manufacturing processes</p> <p><b>FoF.NMP.2012-2</b> Methodologies and tools for sustainable maintenance of production equipment</p> <p><b>FoF.NMP.2012-3</b> New high performance manufacturing technologies in terms of efficiency (volumes, speed, process capability, etc), robustness and accuracy – DEMO targeted</p> <p><b>FoF.NMP.2012-4</b> 3D micro-parts production</p> <p><b>FoF.NMP.2012-5</b> Knowledge based tools for process planning and integrated shop-floor simulation</p> <p><b>FoF.NMP.2012-6</b> New technologies for casting, material removing and forming processes – DEMO targeted</p>
"Energy-efficient Buildings (EeB)" – 2012	FP7-2012-NMP-ENV-ENERGY-ICT-EeB	Pendent d'obrir		<p><b>EeB.NMP.2012-1</b> Interaction and integration between buildings, grid, heat networks, etc: Systems and Equipments for energy use, including production and storage</p> <p><b>EeB.NMP.2012-2</b> Systemic approach for existing buildings, integrating envelop retrofitting, new high performance lighting systems,</p>

## Convocatòries obertes/pendents obrir 7PM - 2011

				<p>renewables and cost-effective and energy-efficient HVAC systems and equipments</p> <p><b>EeB.NMP.2012-4</b> Nanotechnology based approaches to increase the performance of HVAC systems</p> <p><b>EeB.NMP.2012-5</b> Novel materials for smart windows conceived as affordable multifunctional systems offering enhanced energy control</p> <p><b>EeB.NMP.2012-6</b> Knowledge transfer (including value chain and SMEs)</p>
"Green Cars (GC)" – 2012	FP7-2011-NMP-ICT-ENV-GC	Pendent d'obrir		<p><b>GC.NMP.2012-1</b> Nanotechnology for post Lithium-ion batteries</p> <p><b>GC.NMP.2012-2</b> Innovative light-weight materials for innovative light-weight green cars</p>
<b>SPACE</b>				
Space Call 5	FP7-SPACE-2012-1	Pendent de sortir	73.000.000 €	<p><b>SPA.2012.1.1-01</b> Testing and validating the intelligence-driven and high time-critical scenarios of the CONOPS</p> <p><b>SPA.2012.1.1-02</b> Testing and validating the low time-critical components of the CONOPS</p> <p><b>SPA.2012.1.1-03</b> GMES Security – Support to EU External Actions</p> <p><b>SPA.2012.1.1-04</b> Support to emergency response management</p> <p><b>SPA.2012.1.1-05</b> Preparing take-up of GMES Sentinel data</p> <p><b>SPA.2012.1.3-01</b> Research and development for In-situ component</p> <p><b>SPA.2012.1.3-02</b> GMES Climate Change – GMES service coordination</p> <p><b>SPA.2012.1.3-03</b> Consolidation of user requirements for GMES</p> <p><b>SPA.2011.2.1-01</b> Exploitation of space science and exploration data</p> <p><b>SPA.2011.2.1-01</b> Key technologies enabling observations in and from space</p> <p><b>SPA.2011.2.1-01</b> Key technologies for in-space activities</p> <p><b>SPA.2011.3.1-01</b> Bringing terrestrial SME research into the space domain</p> <p><b>SPA.2011.3.5-01</b> Studies and events in support of European Space Policy</p>

## Convocatòries obertes/pendents obrir 7PM - 2011

				<p><b>SPA.2011.3.5-02</b> Research agenda definitions and research activity road-maps</p> <p><b>SPA.2011.3.5-02</b> New emerging research needs - reduction of vulnerability of space Infrastructure</p>
<b>SECURITY</b>				
FP7-SEC-2012-1	FP7-SEC-2012-1	23/11/2010	245.400.400 €	<p><b>Area: 10.1.3 Explosives</b> SEC-2012.1.3-1 Non-Lethal Handling of PBIEDs; SEC-2012.1.3-2 Home made explosives (HMEs) and recipes characterisation</p> <p><b>Area: 10.1.5 CBRN Protection</b> SEC-2012.1.5-1 CBRNE Demo Phase II; SEC-2012.1.5-2 CBRNE Intelligence sharing; SEC-2012.1.5-3 Improving drinking water security management and mitigation in large municipalities against major deliberate, accidental or natural CBRN-related contaminations; SEC-2011.1.5-4 Identification and Development of low-risk alternatives to high-risk chemicals; SEC-2012.1.5-5 Securing the food chains from primary production and animal feeds to consumer ready food against deliberate, accidental or natural CBRN contamination;</p> <p><b>Area: 10.1.6 Information Gathering</b> SEC-2012.1.6-1 Digital, miniaturised operational tool for investigation</p> <p><b>Area: 10.2.1 Design, planning of buildings and urban areas</b> SEC-2012.2.1-1 Resilience of large scale urban built infrastructure; SEC-2012.2.1-2 Criticality analysis pertaining to critical infrastructure including concepts for forgery proof and efficient facility access systems</p> <p><b>Area: 10.2.2 Energy, Transport, communication grids</b> SEC-2012.2.2-1 Identification of measures to counter illegal export of metal-bearing waste; SEC-2012.2.2-2 Air traffic Management/Control threat assessment model; SEC-2012.2.2-3 Improving security in air cargo</p>

## Convocatòries obertes/pendents obrir 7PM - 2011

			<p>transport; SEC-2012.2.2-4 A common EU aviation security requirement that is reducing costs and is facilitating passenger flows;</p> <p><b>Area: 10.2.3 Surveillance</b> SEC-2012.2.3-1 Proactive security systems: smart building materials for the physical protection of critical buildings</p> <p><b>Area: 10.2.4 Supply chain</b> SEC-2012.2.4-1 Pre-normative technology development for improved security of the supply chain</p> <p><b>Area: 10.2.5 Cyber crime</b> SEC-2012.2.5-1 Convergence of physical and cyber security; SEC-2012.2.5-2 Cyber resilience –Secure cloud computing for critical infrastructure ICT</p> <p><b>Area: 10.3.1 Sea borders</b> SEC-2012.3.1-1 Securitisation of vessel reporting systems; Pre-Operational Validation at EU Level of Common Application of Surveillance Tools</p> <p><b>Area: 10.3.4 Border checks</b> SEC-2012.3.4-1 Research on "automated" comparison of x-ray images with reference material (use of historic images in an automated environment) to identify irregularities; SEC-2012.3.4-2 Research, and validation for sub-surface fingerprint live scanners; SEC-2012.3.4-3 Tools and processes for assessing the impact of policies/actions on border control; SEC-2012.3.4-4 Innovative, costefficient, and reliable technology to detect humans hidden in vehicles/closed compartments; SEC-2012.3.4-5 Further research, development and pilot implementation of Terahertz passive detection techniques (T-Ray); SEC-2012.3.4-6 Enhancing the workflow and functionalities of Automated Border Control (ABC) gates</p> <p><b>Area: 10.4.1 Preparedness, prevention, mitigation and planning</b></p>
--	--	--	--

## Convocatòries obertes/pendents obrir 7PM - 2011

			<p>SEC-2012.4.1-1 Preparedness for and management of large scale fires - Integration Project; SEC-2012.4.1-2 Psycho social support in Crisis Management</p> <p><b>Area: 10.4.2 Response</b></p> <p>SEC-2012.4.2-1 Positioning and timing tools to guarantee assets trace &amp; tracking together with worker safety in a secure environment; SEC-2012.4.2-2 Situational awareness guidance and evacuation systems for large crowds, including crowds unpredictable behaviour; SEC-2012.4.2-3 Post crisis lesson learned exercise</p> <p><b>Area: 10.4.3 Recovery</b></p> <p>SEC-2012.4.3-1 Next generation damage and post-crisis needs assessment tool for reconstruction and recovery planning</p> <p><b>Area: 10.4.4 CBRN Response</b></p> <p>SEC-2012.4.4-1 Development of mobile laboratories, structures and functions to support rapid assessment of CBRN events with a cross-border or international impact; SEC-2012.4.4-2 Means of decontamination of large groups, urban/wide areas and large, complex and/or sensitive object; SEC-2012.4.4-3 Tools for detection, traceability and individual monitoring of victims after a mass contamination</p> <p><b>Area: 10.5.2 Secure Communications</b></p> <p>SEC-2012.5.3-1 Embedded protection of security systems and anti-tampering technologies; SEC-2012.5.3-2 Establishment of a first responders platform for interoperability; SEC-2012.5.3-3 Establishment of a interoperability platform/centre for testing and validating decision and intelligence systems</p> <p><b>Area: 10.6.1 Citizens, media and security</b></p> <p>SEC-2012.6.1-1 Tools and methodologies to assess the effectiveness of measures addressing</p>
--	--	--	--



## Convocatòries obertes/pendents obrir 7PM - 2011

				<p>violent radicalisation; SEC-2012.6.1-2 Tools and methodologies, definitions and strategies for privacy by design for surveillance technologies, including ICT systems; SEC-2012.6.1-3 Use of communication/social media in crisis situations;</p> <p><b>Area: 10.6.3 Foresight, scenarios and security as an evolving concept</b> SEC-2012.6.3-1 Developing an efficient and effective environmental scanning system as part of the early warning system for the detection of emerging organised crime threats; SEC-2012.6.3-2 Criteria for assessing and mainstreaming societal impacts of security research activities in FP7</p> <p><b>Area: 10.6.4 Security economics</b> SEC-2012.6.4-1 Fight against corruption;</p> <p><b>Area: 10.6.5 Ethics and Justice</b> SEC-2012.6.5-1 Legitimacy and effectiveness of legal measures against security threats</p> <p><b>Area: 10.7.2 Small and Medium Enterprises</b> SEC-2012.7.2-1 Open topic for Small and Medium Enterprises: "Advancing contemporary laboratory forensic methods and equipment"</p> <p><b>Area: 10.7.4 Other coordination</b> SEC-2012.7.4-1 Coordination of national research programmes in the area of security research</p>
Call for tender: Civil security R&D in major third countries		Pendent de sortir		This action aims at studying the civil security R&D programmes in major third countries, such as for example the US, Canada, Russia, Japan, etc., as well as its impact on the security industrial base in these countries.
Call for independent experts		Pendent de sortir	1.300.000 €	The use of appointed <b>independent experts</b> for the evaluation of proposals, and as independent observers at these evaluation, and where appropriate, for the reviewing of running projects.
<b>JOINT TECHNOLOGIES INITIATIVES</b>				
Clean Sky JTI	SP1-JTI-CS-	03/05/2011	31.867.500 €	Aquesta Iniciativa Tecnològica

## Convocatòries obertes/pendents obrir 7PM - 2011

2011-01	2011-01			Conjunta fa referència a varis <a href="#">temes</a> .
ENIAC Call 4 - 2011	ENIAC-2011-1	21/04/2011	55.000.000 €	Veure <a href="#">programa de treball</a>
<b>SOCIO-ECONOMIC SCIENCE AND HUMANITIES</b>				
FP7-SSH-2012- Collaborative projects (large scale integrating research projects)	FP7-SSH-2012-1	02/02/2011	72.000.000 €	<p><b>ACTIVITY 1: GROWTH, EMPLOYMENT AND COMPETITIVENESS</b></p> <ul style="list-style-type: none"> <li>- The future of macro-economic and monetary integration in Europe</li> <li>- Unveiling creativity for innovation in Europe</li> <li>- Innovative policies for employment and labour markets</li> <li>- Coordinating research economic agendas</li> </ul> <p><b>ACTIVITY 2: COMBINING ECONOMIC, SOCIAL AND ENVIRONMENTAL OBJECTIVES IN A EUROPEAN PERSPECTIVE</b></p> <ul style="list-style-type: none"> <li>- Social innovation against inequalities</li> <li>- Social technologies for vulnerable populations</li> <li>- European energy security: looking ahead to economic, social and political challenges.</li> <li>- New forms of offenses in a globalised world: the case of environmental crime</li> <li>- New forms of offenses in a globalised world: the case of environmental crime</li> <li>- Climate change uncertainties: policymaking for the Pacific Front</li> </ul> <p><b>ACTIVITY 3: MAJOR TRENDS IN SOCIETY AND THEIR IMPLICATIONS</b></p> <ul style="list-style-type: none"> <li>- Persons with disabilities in evolving societies</li> <li>- Innovation in the public sector</li> </ul> <p><b>ACTIVITY 4: EUROPE IN THE WORLD</b></p> <ul style="list-style-type: none"> <li>- Towards an Atlantic space?</li> <li>- Security and democracy in the neighbourhood: the case of the Caucasus</li> <li>- National and regional integration in South East Asia</li> <li>- Media and conflicts and peace-building</li> </ul> <p><b>ACTIVITY 5: THE CITIZEN IN THE</b></p>

## Convocatòries obertes/pendents obrir 7PM - 2011

				<p><b>EUROPEAN UNION</b></p> <ul style="list-style-type: none"> <li>- Enlargement and the integration capacity of the EU: past experience and future prospects</li> <li>- Enlargement and the integration capacity of the EU: past experience and future prospects</li> </ul> <p><b>ACTIVITY 6: SOCIO-ECONOMIC AND SCIENTIFIC INDICATORS</b></p> <ul style="list-style-type: none"> <li>- A European childhood and youth survey</li> <li>- Social Platform - Mapping data opportunities for economic and social research and policy</li> </ul> <p><b>ACTIVITY 7: FORESIGHT ACTIVITIES</b></p> <ul style="list-style-type: none"> <li>- Forward looking tools and methods for answering major Societal challenges</li> </ul> <p><b>ACTIVITY 8: HORIZONTAL ACTIVITIES</b></p> <ul style="list-style-type: none"> <li>- The future of Social Sciences and Humanities in the context of the European Research Area</li> </ul>
<b>FOOD, AGRICULTURE AND FISHERIES, AND BIOTECHNOLOGY</b>				
<b>KBBE 2012</b>	FP7-KBBE-2012-6	Pendent de sortir	272.000.000€	<p><b>Area 2.1.1 Enabling research</b></p> <p>KBBE.2011.1.1-01: Promoting conifer genomic resources; KBBE.2011.1.1-02: Integrated approach to studying effects of combined biotic and abiotic stress in crop plants; KBBE.2011.1.1-03: Efficiency of ruminant digestive systems and reduction of the ecological footprint through a combination of systems biology, 'omics' and nutrition; KBBE.2011.1.1-04: Sustaining and managing forest tree genetic resources; KBBE.2011.1.1-05: Deepened and enlarged European cooperation in the area of Molecular Plant Sciences - ERA-NET</p> <p><b>Area 2.1.2 Increased sustainability of all production systems (agriculture, forestry, fisheries and aquaculture); plant health and crop protection</b></p> <p>KBBE.2011.1.2-01: Sustainable management of agricultural soils in Europe for enhancing food and feed production and contributing to</p>

## Convocatòries obertes/pendents obrir 7PM - 2011

				<p>climate change mitigation;          KBBE.2011.1.2-02: Reducing mineral fertilisers and chemicals use in agriculture by recycling treated organic waste as compost and bio-char products; KBBE.2011.1.2-03: Development of cover crop and mulch systems for sustainable crop Production; KBBE.2011.1.2-04: Translating knowledge on flowering time to improve breeding efficiency; KBBE.2011.1.2-05: Root signalling, growth and development under abiotic stress conditions; KBBE.2011.1.2-06: Strategies to replace copper-based products as plant protection products in low input and organic farming systems; KBBE.2011.1.2-07: Balancing carbon storage, hazard protection and timber production in European Mountain forests; KBBE.2011.1.2-08: Forest Research in the Mediterranean Region; KBBE.2011.1.2-09: Beyond Maximum Sustainable Yield (MSY): defining management targets and their consequences; KBBE.2011.1.2-10: Socio-economic effects of the main management principles of the future Common Fishery Policy (CFP): impact of new policy framework and opportunities for the fishing sector to develop self- and co-management; KBBE.2011.1.2-11: Aquaculture feeds and fish nutrition: paving the way to the development of efficient and tailored sustainable feeds for European farmed fish</p> <p><b>Area 2.1.3 Optimised animal health, production and welfare across agriculture, fisheries and aquaculture</b></p> <p>KBBE.2011.1.3-01: New/next generation of researchers for Neglected Zoonoses at the animal-human interface – Mandatory ICPC; KBBE.2011.1.3-02: Development of field tests for rapid screening of pathologies as well as simple</p>
--	--	--	--	--

## Convocatòries obertes/pendents obrir 7PM - 2011

			<p>laboratories tests in animals;            KBBE.2011.1.3-03: European interprofessional network addressing zoonotic diseases transmitted via companion animals; KBBE 2011.1.3-04 Management and control of increased livestock helminths parasite infection risks due to global changes;            KBBE.2011.1.3-05: Animal health and welfare – ERA-NET; KBBE.2011.1.3-06: Development of next generation European system for cattle evaluation;            KBBE.2011.1.3-07: EU-India Partnership initiative on animal vaccines and diagnostics - Mandatory ICPC (India)</p> <p><b>Area 2.1.4 Socio-economic research and support to policies</b></p> <p>KBBE.2011.1.4-01: Coordination action in support of the implementation by participating States of a Joint Programming Initiative on 'Agriculture, Food Security and Climate Change'; KBBE.2011.1.4-02: Strengthening the impact of fisheries related research through dissemination, communication and technology transfer; KBBE.2011.1.4-03: Feasible and cost-effective crop-specific coexistence measures, labelling, and traceability requirements; KBBE.2011.1.4-04: The CAP and landscape management; KBBE.2011.1.4-05: Data network for better European organic market information; KBBE.2011.1.4-06: Innovative Tools to link supply and demand in developing country Markets; KBBE.2011.1.4-07: Towards land management of tomorrow - Innovative forms of mixed farming for optimized use of energy and nutrients; KBBE.2011.1.4-08: Role of aquaculture in improving food security and eradicating poverty worldwide - Mandatory ICPC; KBBE.2011.1.4-09: Energy Efficiency in Agriculture</p> <p><b>Area 2.1.5 Joint call</b></p>
--	--	--	---

## Convocatòries obertes/pendents obrir 7PM - 2011

				<p>OCEAN.2011-1: Multi-use offshore26 platforms; OCEAN.2011-2: Marine microbial diversity – new insights into marine ecosystems functioning and its biotechnological potential; OCEAN.2011-3: Assessing and predicting the combined effects of natural and humanmade pressures in the Mediterranean and the Black Sea in view of their better governance; OCEAN.2011-4: Knowledge-base and tools for regional networks of MPAs, integrated management of activities together with assessment of wind energy potential in the Mediterranean and the Black Sea</p> <p><b>Activity 2.2 Fork to farm: Food (including seafood), health and well being</b></p> <p>KBBE.2011.2.1-01: Strategies for improving communication between social and consumer scientists, food technology developers and consumers</p> <p><b>Area 2.2.2 Nutrition</b></p> <p>KBBE.2011.2.2-01: Development of functional foods and ingredients ; KBBE.2011.2.2-02: New technologies and tools and their potential application to nutrition research; KBBE.2011.2.2-03: Long-term influence of early nutrition on health; KBBE.2011.2.2-04: Translation mechanisms for targeting interventions on micronutrients</p> <p><b>Area 2.2.3 Food processing</b></p> <p>KBBE.2011.2.3-01: Sustainable cleaning and disinfection technologies; KBBE.2011.2.3-02: Food Factory of the Future — Design Study; KBBE.2011.2.3-03: Advanced and flexible technologies for sustainable and functional food packaging; KBBE.2011.2.3-04: Satiety control through food structures made by novel processing; KBBE.2011.2.3-05: Processed foods with a lower salt, fat and sugar content</p> <p><b>Area 2.2.4 Food quality and safety</b></p>
--	--	--	--	--

## Convocatòries obertes/pendents obrir 7PM - 2011

			<p>KBBE.2011.2.4-01: Safety and quality of ready-to-eat foods; KBBE.2011.2.4-02: Pan-European Total Diet Study</p> <p><b>Area 2.2.5 Environmental impacts and total food chain</b></p> <p>KBBE.2011.2.5-01: Environmental sustainability in the European food and drink chain; KBBE.2011.2.5-02: Reducing post-harvest losses for increased food security — SICA; KBBE.2011.2.5-03: Food science and the retail sector: a platform for preparing the effective integration of research findings within innovative concepts and applications</p> <p><b>Area 2.2.6 European Research Area</b></p> <p>KBBE.2011.2.6-02: ERA-NET on sustainable food production and consumption</p> <p><b>Activity 2.3 Life sciences, biotechnology and biochemistry for sustainable non-food products and processes</b></p> <p><b>Area 2.3.1 Novel sources of biomass and bioproducts</b></p> <p>KBBE.2011.3.1-01: Plant photosynthetic efficiency: from a C3 to a C4 system; KBBE.2011.3.1-02: Perennial grasses: optimising biomass production –SICA; KBBE.2011.3.1-03: EU – India Partnership Initiative on biomass production and bio waste conversion through biotechnological approaches – Mandatory India</p> <p><b>Area 2.3.2 Marine and fresh-water biotechnology (blue biotechnology)</b></p> <p>KBBE.2011.3.2-01: Marine biotechnology ERA-NET preparatory action; OCEAN2011-2: - Marine microbial diversity – New insights into marine ecosystems functioning and its biotechnological potential</p> <p><b>Area 2.3.3 Industrial biotechnology: novel high added-value bio-products and bio-processes</b></p> <p>KBBE.2011.3.3-01: Deepened and enlarged European cooperation in the area of Industrial Biotechnology - ERA-</p>
--	--	--	---

## Convocatòries obertes/pendents obrir 7PM - 2011

				<p>NET; KBBE.2011.3.3-02: Biocatalysis for chiral compounds; KBBE.2011.3.3-03: Cellular, metabolic and genetic engineering for novel compounds</p> <p><b>Area 2.3.4 Biorefinery</b></p> <p>KBBE.2011.3.4-01: BioWASTE - Novel biotechnological approaches for transforming industrial and/or municipal biowaste into bioproducts – SICA; KBBE.2011.3.4-02: Towards a sustainable bio-industry - Biotechnology for renewable chemicals and innovative downstream processes</p> <p><b>Area 2.3.5 Environmental biotechnology</b></p> <p>KBBE.2011.3.5-01: GM crops in the EU – systematically assessing environmental and economic impacts</p> <p><b>Area 2.3.6 Emerging trends in biotechnology</b></p> <p>KBBE.2011.3.6-01: Increasing the accessibility, usability and predictive capacities of bioinformatics tools for biotechnology applications; KBBE.2011.3.6-02: Supporting the development of Bioinformatics Infrastructures for the effective exploitation of genomic data: Beyond health applications; KBBE.2011.3.6-03: Towards standardisation in Synthetic Biology; KBBE.2011.3.6-04: Applying Synthetic Biology principles towards the cell factory notion in biotechnology; KBBE.2011.3.6-05: Ensuring the safety of Synthetic Biology applications; KBBE.2011.3.6-06: Synthetic Biology– ERA-NET</p> <p><b>Activity 2.4 Other Activities</b></p> <p>KBBE.2011.4-1: Networking of KBBE relevant ERA-NETS</p> <p>KBBE.2011.4-2: Support to international cooperation initiatives</p> <p>KBBE.2011.4-3: Network of communication officers/managers</p>
--	--	--	--	---





## Convocatòries obertes/pendents obrir 7PM - 2011

<b>Ideas – Frontier Research 7.460 milions d'€ ( 14.1%)</b>				
<b>CONVOCATÒRIA</b>	<b>IDENTIFICADOR</b>	<b>DATA LÍMIT</b>	<b>PRESSUPOST</b>	<b>OBJECTIUS</b>
<b>Call for proposals for ERC Proof of Concept</b>	ERC-2011-PoC	15/06/2011	10.000.000 €	The Proof of Concept provides translational funding to speed outcomes of research onto the market place.

## Convocatòries obertes/pendents obrir 7PM - 2011

People – Marie Curie Actions 4.727 milions d'€ (8.9%)				
CONVOCATÒRIA	IDENTIFICADOR	DATA LÍMIT	PRESSUPOST	RESUM
<b>MARIE CURIE CAREER INTEGRATION GRANTS (CIG)</b>	FP7-PEOPLE-2011-CIG	06/09/2011	20.000.000 €	Aquesta acció és la successora de la "Reintegration Grant". Aquesta acció va dirigida a aquells investigadors que ja se'ls hi ha ofert una posició estable o que estant considerant establir-se en algun país de la UE, amb el seu propi pressupost, i per tant contribuir a l'èxit científic de la seva carrera investigadora.
<b>MARIE CURIE CAREER INTEGRATION GRANTS (CIG)</b>	FP7-PEOPLE-2012-CIG	08/03/2012	25.000.000 €	
<b>MARIE CURIE INTRA-EUROPEAN FELLOWSHIPS FOR CAREER DEVELOPMENT (IEF)</b>	FP7-PEOPLE-2011-IEF	11/08/2011	109.850.000 €	Accions Marie Curie per desenvolupament d'una carrera. IEF per investigadors amb experiència que vulguin desenvolupar la seva investigació en un altre país de la UE.
<b>MARIE CURIE INTERNATIONAL INCOMING FELLOWSHIPS (IIF)</b>	FP7-PEOPLE-2011-IIF	11/08/2011	40.000.000 €	Aquesta acció Marie Curie té com a objectiu reforçar l'excel·lència científica dels Estats Membres i dels països associats amb investigadors vinguts de tercers països per treballar i col·laborar en projectes de recerca Europeus, i així fomentar la cooperació amb tercers països.
<b>MARIE CURIE INTERNATIONAL OUTGOING FELLOWSHIPS FOR CAREER DEVELOPMENT (IOF)</b>	FP7-PEOPLE-2011-IOF	11/08/2011	40.000.000 €	Accions Marie Curie que tenen com a objectiu enviar a investigadors europeus a tercers països per col·laborar en diferents projectes d'alt nivell i així fomentar la col·laboració amb el país tercer.
<b>Trans-national cooperation among NCPs (NCP)</b>	FP7-PEOPLE-2011-NCP	22/06/2011	1.000.000 €	Acció dirigida al reforç dels punts Nacionals de Contacte per promoure la cooperació trans-nacional. L'acció es centrarà a identificar i compartir bones pràctiques, fent especial èmfasi a la promoció de les accions del COFUND.
<b>Initial Training Networks (ITN)</b>	FP7-PEOPLE-2012-ITN	19/01/2012	410.000.000 €	Acció dirigida a crear una xarxa internacional de centres de recerca (públics i privats) amb un programa de formació conjunt per a "Early Stage Researchers"
<b>International</b>	FP7-PEOPLE-	17/02/2012	35.000.000 €	Accions Marie Curie que tenen com a

## Convocatòries obertes/pendents obrir 7PM - 2011

<b>Research Staff Exchange Scheme (IRSES)</b>	2012-IRSES			objectiu reforçar partenariats de recerca a través d'intercanvis de personal i activitats de networking, per a un període de 24-48 mesos, entre organitzacions de recerca europees i organitzacions de tercers països que hagin signat (o estiguin negociant) un Acord de Cooperació en Ciència i Tecnologia amb la Comissió Europea.
<b>Industry – Academia Partnerships and Pathways (IAPP)</b>	FP7-PEOPLE-2012-IAPP	19/04/2012	80.000.000 €	Aquesta acció té com a objectiu crear un consorci públic-privat per desenvolupar un programa científic conjunt a través de l'intercanvi de personal.

## Convocatòries obertes/pendents obrir 7PM - 2011

Capacities – Research Capacity 4.291 milions d'€ (7.7%)				
CONVOCATÒRIA	IDENTIFICADOR	DATA LÍMIT	PRESSUPOST	RESUM
<b>RESEARCH INFRASTRUCTURES</b>				
Call N° 10	FP7- INFRASTRUCTU RES-2012-1	23/11/2011	88.300.000 €	<p><b>1.2.2 Construction of new infrastructures (or major upgrades) - preparatory phase</b>            INFRA-2012-2.2.1. EU-SOLARIS - The European SOLAR Research Infrastructure for Concentrating Solar Power; INFRA-2012-2.2.2. Windscanner -The European WindScanner Facility; INFRA-2012-2.2.3. ECCSEL (European Carbon Dioxide and Storage Laboratory); INFRA-2012-2.2.4. ISBE - Infrastructure for Systems Biology-Europe; INFRA-2012-2.2.5. MIRRI - Microbial Resource Research Infrastructure; INFRA-2012-2.2.6. ANAEE - Infrastructure for Analysis and Experimentation on Ecosystems</p> <p><b>1.2.3 Construction of new infrastructures (or major upgrades) - implementation phase</b>            INFRA-2012-2.3.1. Third implementation phase of the European High Performance Computing (HPC) service PRACE</p> <p><b>1.3 Support to policy development and programme implementation</b>            INFRA-2012-3.1. International cooperation with the USA on common data policies and standards relevant to global research infrastructures in the environment field; INFRA-2012-3.2. International cooperation with the USA on common e-infrastructure foundations relevant to global research infrastructures; INFRA-2012-3.3. Coordination actions, conferences and studies supporting policy development, including international cooperation, for e-Infrastructures</p>
<b>RESERACH FOR THE BENEFIT OF SMES</b>				
Research for	FP7-SME-2012-1		145.000.000 €	It is a bottom-up scheme: the

## Convocatòries obertes/pendents obrir 7PM - 2011

<b>SMEs</b>				projects may address any research topic across the entire field of science and technology.
<b>Research for SME Associations</b>	FP7-SME-2012-2		49.700.000 €	It is a bottom-up scheme: the projects may address any research topic across the entire field of science and technology.
<b>Demonstration Activity</b>	FP7-SME-2012-3			It is a bottom-up scheme: the projects may address any research topic across the entire field of science and technology.
<b>Call for tenders</b>			2.000.000 €	The EC intends to launch two calls for tenders to conduct ex post impact assessments of SME participation in the 7FP for Research, Technological development and Demonstration activities.
<b>REGIONS OF KNOWLEDGE</b>				
<b>Transnational cooperation between regional research-driven clusters</b>	FP7-REGIONS-2012-1	31/01/2012	46.000.000€	<b>Regions-2012-1.</b> Transnational cooperation between regional research-driven clusters
<b>SCIENCE IN SOCIETY</b>				
<b>FP7-SCIENCE-IN-SOCIETY-2012-1</b>	FP7-SCIENCE-IN-SOCIETY-2012-1	Pendent de sortir	32.650.000 €	<p><b>SiS.2012.1.1.1-1:</b> Governance frameworks for Responsible Research and Innovation (RRI)</p> <p><b>SiS.2012.1.2-1:</b> Mobilisation and Mutual Learning (MML) Action Plans: mainstreaming SiS actions in research</p> <p><b>SiS.2012.1.2.1-1:</b> International Coordination in the field of Responsible Research and Innovation (RRI)</p> <p><b>SiS.2012.1.2.2-1:</b> Expert group Socio-Economic Sciences and Humanities (SSH) and ethics</p> <p><b>SiS.2012.1.3.3-1:</b> Access and Preservation of Scientific Data</p> <p><b>SiS.2012.2.1.1-1:</b> Ensuring equal opportunities for women and men by encouraging a more gender-aware management in research and scientific decision-making bodies</p> <p><b>SiS.2012.2.1.1-2:</b> Creating a transnational community of</p>

## Convocatòries obertes/pendents obrir 7PM - 2011

				<p>practitioners (Internet Portal)</p> <p><b>SiS.2012.2.2.1-1:</b> Supporting actions on Innovation in the classroom: teacher training on inquiry based teaching methods on a large scale in Europe</p> <p><b>SiS.2012.2.2.1-2 :</b> Scientix: A portal for the Science Education Community in Europe</p> <p><b>SiS.2012.2.2.3-1:</b> Research on the use and development of assessment strategies, their impact on curricula development and teaching practice and their impact on learning outcomes.</p> <p><b>SiS.2012.3.0.3-1:</b> The Euroscience Open Forum (ESOF) 2012</p> <p><b>SiS.2012.3.0.5-1:</b> European Union Contest for Young Scientists (EUCYS) 2012</p> <p><b>SiS.2012.3.0.6-1:</b> Developing science through science and society interaction (Polish presidency)</p> <p><b>SiS.2012.4.0.0-1</b> Studies to assist the European Research Area Board</p>
<b>ACTIVITIES OF INTERNATIONAL COOPERATION</b>				
<b>Activities of International Cooperation - INCO-NET</b>	FP7-INCO-2012-1	Pendent d'obrir		<b>Activity 7.1.</b> Bi-regional coordination of S&T cooperation including priority-setting and definition of S&T cooperation policies (Sub-Saharan Africa; Latin America and the Caribbean region; Mediterranean Partner Countries; South East Asian Countries)
<b>Activities of International Cooperation - BILAT</b>	FP7-INCO-2012-2	Pendent d'obrir		<b>Activity 7.2.</b> Bilateral coordination for the enhancement and development of S&T Partnerships (Australia, Brazil, China, India, New Zealand, Russia, South-Korea, United States of America, Argentina, Chile, Jordan, Mexico, Morocco, South Africa, Ukraine)
<b>Activities of International Cooperation - INCO-NET</b>	FP7-INCO-2013-1	Pendent d'obrir 2012		Bi-regional coordination of S&T cooperation including priority setting and definition of S&T cooperation policies (Eastern Europe and Central Asia, the Danube region, the Pacific region, including Overseas

## Convocatòries obertes/pendents obrir 7PM - 2011

				Countries and Territories, and the Arab Gulf countries)
<b>Activities of International Cooperation - BILAT</b>	FP7-INCO-2013-2	Pendent d'obrir 2012		Bilateral coordination for the enhancement and development of S&T Partnerships (Countries to be considered will be Egypt, Japan, Canada, Tunisia and Algeria)
<b>Trans-national cooperation among NCPs - INCO-NCP</b>	FP7-INCO-2013-4	Pendent d'obrir 2012		Supporting the transnational cooperation activities between NCPs
<b>Activities of International Cooperation ERA-NET - ERA-NET PLUS</b>	FP7-INCO-2013-3	Pendent d'obrir 2012		Supporting the coordination of national policies and activities of Member States and Associated States on international S&T cooperation