



Energy

- One call - 10 July (€371 million)
- Focus on the implementation plans and road maps of the European Strategic Energy Technology Plan (SET-Plan)
- Aim to accelerate market take up of most promising technologies in:
 - Smart Cities and Communities
 - Renewable Energy
 - Carbon Capture and Storage (CCS);
 - Smart Grids and Energy storages
- Contribution to three cross-thematic calls on raw materials, ocean for tomorrow and bio-resource efficiency



Energy – Interest for Japan

- All topics open for Japan participation
- Topics of particular interest :
 - *ENERGY.2013.3.7.1 Developing regional and pan-European schemes for the sustainable delivery of non-food biomass feedstock in a pan-European integrated market*
 - *ENERGY.2013.6.1.1 Combined underground coal gasification and CO2 capture and storage*
 - *ENERGY.2013.7.3.2: Enhanced interoperability and conformance testing methods and tools for interaction between grid infrastructure and electric vehicles;*
 - *ENERGY.2013.7.3.3: Understanding interfaces in rechargeable batteries and super-capacitors through in situ methods*
 - *Integrated Research Programmes between research performers on innovative research in support of the SET Plan Research and Innovation Agenda ENERGY.2013.10.1*



Nuclear EURATOM FP7

- 7 calls to be launched on 10 July (€50 million)
- Objective: Nuclear safety
- Emphasis on:
 - Management of Ultimate Radioactive Waste
 - Reactor Systems
 - Radiation Protection
 - Infrastructures
 - Human Resources and Training
 - Cooperation with Third Countries



Nuclear – Interest for Japan

- All topics open for Japan participation
- Topics of particular interest may include:
 - *Fission-2013-1.1.2: Support to the IGD-TP SRA and to advances and innovation research in the treatment and/or understanding of key basic and remaining scientific technical issues*
 - *Fission-2013-3.4.1: Support to the strengthening of pan-European research initiatives on the impact of radiation on the environment, including the food chain*
 - *Fission-2013-5.1.1: Euratom Fission Training Schemes (EFTS) in 'Nuclear Fission, Safety and Radiation Protection'*



Environment

- Three calls to be launched on 10 July:
 - Environment two-stage (€248 million)
 - Environment one-stage (€17 million)
 - Water innovation & demonstration (€40 million)
- Objective: Sustainable management of the environment and its resources through advancing our knowledge of the interactions between the climate, biosphere, ecosystems and human activities, and developing new technologies, tools and services, in order to address in an integrated way global environmental issues.
- Emphasis on:
 - prediction of climate, ecological, earth and ocean systems changes,
 - tools and on technologies for:
 - monitoring, prevention, mitigation of and adaptation to environmental pressures and risks including on health;
 - the sustainability of the natural and man-made environment.
- Contribution to cross-thematic **Ocean for Tomorrow**



Environment – Interest for Japan

- All topics open for Japan participation
- Topics of particular interest may include:
 - ENV.2013.6.1-1 *Climate-related ocean processes and combined impacts of multiple stressors on the marine environment*
 - ENV.2013.6.1-2 *Atmospheric processes, eco-systems and climate change*
 - ENV.2013.6.1-3 *Impacts of higher-end scenarios (global warming > 2° C with respect to the pre-industrial level)*
 - ENV.2013.6.1-4 *Land cover and land-use change and climate change mitigation*
 - ENV.2013.6.1-5 *Quantification of consumption-based emissions of greenhouse gasses and assessment of policy options*
 - ENV.2013.6.1-6 *Economics of adaptation to climate change*



Environment – Interest for Japan (II)

- ENV.2013.6.2-6 *Improved monitoring of the impact of cultivation on the environment using global earth observations*
- ENV.2013.6.3-3 *Contribution to the assessment of global water resources through the use of new Earth Observation*
- ENV.2013.6.4-3 *'Coasts at threat : tsunamis and climate-related risks'*
- ENV.2013.6.5-1 *'Accelerating progress towards the Green Economy'*
- ENV.2013.6.5-4 *Knowledge platforms, networking and uptake of research results for more strategic international R&I cooperation – FP7-ENV-2013-one-stage*



Transport

- Five calls to be published on 10 July
 - Aeronautics And Air Transport (four calls - ~ € 149 million)
 - Sustainable Surface Transport (one call - ~ € 111 million)
- Strategic research and innovation priorities for 2013:
 - Aeronautics and Air Transport
 - Sustainable surface transport (including the 'European green cars initiative')
 - Horizontal activities
 - "Galileo" (Europe's initiative for a state-of-the-art global satellite navigation system)



Transport – Interest for Japan

- All topics open for Japan participation
- Themes of particular interest may include:
 - AAT.2013.3-1. *Human factors*
 - AAT.2013.7-2. *Coordinating research and innovation in the field of sustainable alternative fuels for Aviation*
 - AAT.2013.8-2. *International cooperation on civil high speed air transport research*
 - SST.2013.4-3. *Biomechanics and advanced digital human body models and testing for vehicle safety Topic*



Socio-Economic Sciences & Humanities (SSH)

- Two calls – publication 10 July (€ 106 millions)
- Four priorities for 2013 work programme:
 - Underpinning innovation for smart growth
 - Public sector reform and strengthening governance in the EU
 - Inclusive and sustainable growth
 - Support for developing the external policies of the European Union



SSH – Interest for Japan

- All topics open for Japan participation
- Themes of particular interest may include:
 - SSH.2013.2.1.3 *The role of multinational companies in addressing global development challenges*
 - SSH.2013.4.1-1. *Security and democracy in the neighbourhood: the case of the Caucasus*
 - SSH.2013. 3.2.1 *Social innovation: empowering people in changing society*
 - SSH.2013.5.1.2 *Addressing demand in anti-trafficking efforts and policies*



Space

- Calls in 2013 – Opening 10 July (€ 126 million)
- Strategic research and innovation priorities for 2013:
 - Earth observation/GMES
 - Climate change monitoring from Space
 - Remote sensing methods and development of downstream services
 - Space science and technologies
 - Exploitation of space science and exploration data
 - research preparing for space exploration
 - Space-weather
 - Security of space assets
 - Cross-cutting activities
 - SME relevant research
 - International cooperation with third countries



Space - Interest for Japan

- All topics open for participation from Japan
- Themes of particular interest may include:
 - *Earth observation:*
 - *Marine and coastal monitoring*
 - *Climate change and Disaster management*
 - *Space Foundations:*
 - *Exploitation of space data (space physics, astrobiology, planetary sciences, ...)*
 - *Security of space (avoidance and removal of space debris)*



Security

- One call - 10 July (€298 million)
- Seven activity areas:
 - Security of citizens
 - Security of infrastructures and utilities
 - Intelligent surveillance and border security
 - Restoring security and safety in case of crisis
 - Security systems integration, interconnectivity and interoperability
 - Security and society
 - Security research coordination and structuring



Security - Interest for Japan

- All topics open for participation from Japan
- Topics of potential interest
 - *SEC-2013.2.4-1. Phase II demonstration programme on logistics and supply chain security*



Science in Society

- One call – 10 July (€63 million)
- Four priorities for 2013 work programme:
 - A more dynamic governance of the science and society relationship
 - Strengthening potential, broadening horizons (gender, youth, education, museums, ...)
 - Science and society dialogue
 - Monitoring, evaluation and assessment of Responsible Research and Innovation



Science in Society – Interest for Japan

- All topics open for participation of Japan
- Topic of particular interest:
 - *SIS.2013.5.2.1-1 Strengthening the role of women in scientific research and in scientific decision-making bodies*
 - *SIS.2013.1.1.1-2: Responsible Research and Innovation in industrial context*
 - *SIS.2013.5.1.3-3 Encouraging the debate on information dissemination, including access to scientific results and the future of scientific publications, taking also into account measures to improve access by the public.*
 - *SIS.2013.2.1.3-1: Monitoring of gender equality in research and innovation (development of indicators):*



FP7 "People" Specific Programme Marie Curie Actions



Marie Curie

- Eleven calls, issued 10 July - 13 March - total budget € 973 million
- Marie Curie Fellowships open to Japan researchers
- **The World Fellowship calls will be of particular interest to Japan:**
 - IOF - March 2013 – 43,50 million
 - IIF - March 2013 – 43,50 million
 - IRSES – March 2013 – 30 million



Marie Curie World Fellowships Interest for Japan

- Topics of particular interest may include:
 - **IOF:** International Outgoing Fellowships
 - **IIF:** International Incoming Fellowships
 - **IRSES:** International Staff Exchange Scheme
 - **ITN:** Initial Training Network
 - **IAPP:** Industry-Academia Partnership and Pathways



FP7 "Ideas" Specific Programme The European Research Council "ERC"

Research and Innovation

Research and Innovation



Ideas Programme European Research Council

- Applications can be made in any field of research - particular emphasis on the frontiers of science, scholarship and engineering
- All calls open to researchers of **any nationality** who intend to establish and conduct partly their research activity in any EU Member State or FP7 associated country
- Starting Grants call - 10 July - €398 million
- Advanced Investigator Grants call - November - €662 million

Research and Innovation

EURAXESS Links



- Monitoring & Advertising funding opportunities between Europe & Japan
- Advertise 30 Calls per month
- Events
- Funding & Research Developments
- **J-BILAT** project at the Centre of EU -Japan industrial cooperation.

The image shows a screenshot of the EURAXESS website. The top section is titled 'Recent & Forthcoming Calls' and lists several funding opportunities, including 'Marie Curie Career Integration Grants' and 'Marie Curie Starting Grant (SRG)'. Below this is a circular logo for 'The European Funding Guide for Researchers & Students in Japan' with the text 'Winter 2011-2012' underneath.

Research and Innovation



Thank you very much for your kind attention

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Research and Innovation