



ΕΘΝΙΚΟ ΚΕΝΤΡΟ ΤΕΚΜΗΡΙΩΣΗΣ

## 7<sup>ο</sup> ΠΠ ΕΤΑ - ΠΡΟΓΡΑΜΜΑ ΕΝΕΡΓΕΙΑ

Γ.Μαζιώτη , ΕΚΤ  
Εθνικό Ίδρυμα Ερευνών, 30 Σεπτεμβρίου 2010



Εθνικό Κέντρο Τεκμηρίωσης | Εθνικό Σημείο Επαφής του 7<sup>ου</sup> ΠΠ



# Calls for proposals



## Call Identifier

## Deadline

- [P7-ENERGY-2011-2](#) 2011-04-07
- [FP7-ERANET-2011-RTD](#) 2011-02-22
- [FP7-OCEAN-2011](#) (The ocean of tomorrow) 2011-01-18
- [FP7-2011-NMP-ENV-ENERGY-ICT-EeB](#)
- "Energy-efficient Buildings" - 2011 2010-12-02
- [FP7-ENERGY-2011-JAPAN](#)ENERGY - EU Japan 2010-11-25
- [FP7-NMP-ENERGY-2011](#)
- Theme 4 – NMP and Theme 5 ENERGY 2010-11-25
- [FP7-ENERGY-2011-1](#) 2010-11-16
- [FP7-ENERGY-2011-EXCHANGE](#)
- International Research Staff Exchange Scheme 2010-11-16

## Energy Call Part 1

**Deadline: 16 November 2010 at 17.00.00, (Brussels local time)**

- **Indicative budget : EUR 74 million from the 2011 Collaborative Project (At least 3 independent legal entities)**
- **ACTIVITY ENERGY.2: RENEWABLE ELECTRICITY GENERATION**
- **ENERGY.2.5: CONCENTRATED SOLAR POWER**
- ENERGY.2011.2.5-1: Thermal energy storage for CSP plants
- ENERGY.2011.5.2-1: Understanding the long-term fate of geologically stored CO<sub>2</sub>.
- **ENERGY 4.: RENEWABLE FOR HEATING AND COOLING**  
**EUR 18 million**
- ENERGY.2011.4.1-1: Revisiting solar thermal systems for using breakthroughs in scientific and technological fields
- **ACTIVITY ENERGY.2: RENEWABLE ELECTRICITY GENERATION**
- **ENERGY 2.3: WIND**  
**EUR 5 million**
- ENERGY.2011.2.3-2: Development of design tools for Offshore Wind farm clusters.
- ENERGY.2011.2.5-2 Advanced heat transfer fluids for CSP technology.

# Call identifier: FP7-ENERGY-2011-1



- **ENERGY.3: RENEWABLE FUEL PRODUCTION** **EUR 15 million**
- ENERGY.2011.3.7-1: Development of new or improved sustainable bio-energy carriers
- **ENERGY.5: CO2 CAPTURE AND STORAGE TECHNOLOGIES FOR ZERO EMISSION POWER GENERATION**
- ENERGY.2011.5.1-1: High-efficiency post-combustion solvent-based capture processes.
- ENERGY.2011.5.2-1: Understanding the long-term fate of geologically stored CO2.
- **ENERGY.6: CLEAN COAL TECHNOLOGIES** **EUR 16 million**
- ENERGY.2011.6.1-1: Optimisation of IGCC technologies for use with high ash content coal. **Collaborative project for specific international cooperation action (SICA)**
- **ENERGY.7: SMART ENERGY NETWORKS** **EUR 20 million**
- ENERGY.2011.7.2-1: Innovative tools for the future coordinated and stable operation of the pan-European electricity transmission system.
- ENERGY.2011.7.2-2: Innovative strategies and tools for the reliability assessment of the pan-European electricity transmission network .
- ENERGY.2011.7.3-1: Network of projects developing the future European electricity Networks **Coordination and Support Action (At least 1 independent legal entity.)**

## Energy Call part 2

**Deadline: 07 April 2011 at 17.00.00, Brussels local time**

- **Indicative budget:** EUR 137 million
- **Collaborative Project with a predominant demonstration component.**
- **(At least 3 independent legal entities)**
- **ACTIVITY ENERGY.2: RENEWABLE ELECTRICITY GENERATION –**  
**EUR 52 million.**
- **AREA ENERGY.2.1: PHOTOVOLTAICS**
- ENERGY.2011.2.1-3: Production issues for the manufacturing of photovoltaic systems based on concentration.
- ENERGY.2011.2.1-4: Development and demonstration of standardized building components.
- **AREA ENERGY.2.3: WIND**
- ENERGY.2011.2.3-1: Demonstration of innovative off-shore wind electricity generation structure .
- **ACTIVITY ENERGY.4: RENEWABLES FOR HEATING AND COOLING-**  
**EUR 20 million**
- ENERGY.2011.4.1-2: Low/Medium temperature solar thermal systems for industrial process heat .
- ENERGY.2011.4.1-3: Materials for thermal storage systems.
- ENERGY.2011.4.1-4: Advanced compact storage systems.

## Deadline: 07 April 2011 at 17.00.00, Brussels local time

- Collaborative Project with a predominant demonstration component.
- (At least 3 independent legal entities)
- **CROSS-CUTTING ACTIONS BETWEEN ACTIVITIES ENERGY.5 AND ENERGY.6**
- **(ACTIVITY ENERGY.5&6)** EUR 20 million
- ENERGY.2011.5&6.2-1: Optimising the integration of CO2 capture into power Plants.
- ENERGY.2011.5&6.2-2: Improving efficiencies and reducing GHG emissions Through CO2 capture in industrial applications other than power generation.
- **AREA 5&6.2: CROSSCUTTING AND REGULATORY ISSUES**
- ENERGY.2011.5&6.2-3: Support to the European CCS Demonstration Project Network. **Coordination and support action**
- **ACTIVITY ENERGY.7: SMART ENERGY NETWORKS** EUR 30 million
- ENERGY.2011.7.3-2: Storage and balancing variable electricity supply and demand
- **ACTIVITY ENERGY.8: ENERGY EFFICIENCY AND SAVINGS** EUR 15 million
- ENERGY.2011.8.1-2: Energy efficiency demonstration in manufacturing industry
- ENERGY.2011.8.1-3: Energy efficiency in low-carbon industrial parks. **Coordination and support action**



# Call identifier: FP7-OCEAN-2011



## "The ocean of tomorrow"

**Deadline: 18 January 2011 at 17.00.00, (Brussels local time)**

**Collaborative Project (At least 3 independent legal entities)**

- Indicative budget: - EUR 5 million from Theme 5 – Energy
- **Theme 5 – Energy**
- Area ENERGY.10.1 Call "The ocean of tomorrow" – Joining research forces to meet challenges in ocean management.
- OCEAN.2011-1 Multi-use offshore platforms .  
**Max requested EU contribution per proposal: EUR 14 000 000**
- OCEAN.2011-2 Marine microbial diversity –new insights into marine ecosystems functioning and its biotechnological potential.  
**Max requested EU contribution per proposal: EUR 9 000 000**
- OCEAN.2011-3 Assessing and predicting the combined effects of natural and human-made pressures in the Mediterranean and the Black Sea in view of their better governance.  
**Max requested EU contribution per proposal: EUR 13 000 000**
- 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.  
**Max requested EU contribution per proposal: EUR 9 000 000**

## ERA-NET Call 2011

**Deadline: 22 February 2011, at 17.00.00, Brussels local time.**

The minimum number of participants in an ERA-NET consortium is 3 *independent legal entities* which finance or manage publicly funded national or regional programmes. *Each of these must be established in a different Member State or Associated Country*

- **5. ENERGY - 5.10 Horizontal Programme Actions**
- ENERGY.2011.10.2-2 Supporting the coordination of national research activities of Member States and Associated States in the field of GEOTHERMAL energy (ERA-NET) .  
**Indicative budget (EUR 2million)**
- ENERGY.2011.10.2-3 Supporting the coordination of national research activities of Member States and Associated States in the field of OCEAN energy (ERANET).  
**Indicative budget (EUR 2million)**



## ENERGY - EU Japan Call

**Deadline: 25th November 2010 at 17.00.00, (Brussels local time) and for the coordinated project funded by the Japanese authorities, on 25th November 2010 at 17.00.00 (Japanese time)**

**Collaborative Project (At least 3 independent legal entities)**

- **Indicative budget: - EUR 5 million from Theme 5 – Energy**
  
- **ACTIVITY ENERGY.2: RENEWABLE ELECTRICITY GENERATION**
- **AREA ENERGY.2.1: PHOTOVOLTAICS**
  
- **ENERGY.2011.2.1-1: Ultra-high efficiency concentration photovoltaics (CPV) cells, modules and systems / EU-Japan Coordinated Call.**



# Call identifier: FP7-NMP-ENERGY-2011



Call implemented jointly by Theme 4 – NMP – Nano sciences, Nanotechnologies, Materials and new Production Technologies and Theme 5 - ENERGY

**Deadline: 25 November 2010 , at 17.00.00, Brussels local time.**

*Large-scale integrating Collaborative Projects*

*(At least 3 independent legal entities)*

- Indicative budget: EUR 10 million from Theme 5 – Energy
- **ACTIVITY ENERGY.2: RENEWABLE ELECTRICITY GENERATION**
- ENERGY.2011.2.1-2 Development and up-scaling of innovative photovoltaic cell processes and architectures to pilot-line scale for industrial application.



# Call identifier: FP7-NMP-ENERGY-2011



Call implemented jointly by Theme 4 – NMP – Nano sciences, Nanotechnologies, Materials and new Production Technologies and Theme 5 - ENERGY

**Deadline: 25 November 2010 , at 17.00.00, Brussels local time.**

*Large-scale integrating Collaborative Projects*  
(At least 3 independent legal entities)

- Indicative budget: EUR 10 million from Theme 5 – Energy
- **ACTIVITY ENERGY.2: RENEWABLE ELECTRICITY GENERATION**
- ENERGY.2011.2.1-2 Development and up-scaling of innovative photovoltaic cell processes and architectures to pilot-line scale for industrial application.



Call identifier: **FP7-ENERGY-2011-EXCHANGE**



## ENERGY INTERNATIONAL RESEARCH STAFF EXCHANGE SCHEME

**Deadline: 16 November 2010 , at 17.00.00, Brussels local time.**

*Support for training and career development of researchers*

Consortia composed of at least two independent "research organisations" established in at least two different Member States or Associated countries, and one or more "research organisation" located in either the US or Japan.

- Indicative budget: EUR 3 million from Theme 5 – Energy
- **ACTIVITY ENERGY.10: HORIZONTAL PROGRAMME ACTIONS**
- **AREA ENERGY.10.2: OTHER HORIZONTAL ACTIONS**
- ENERGY.2011.10.2-1: Pilot International Researcher Exchange in the field of energy research (US and Japan)



# CORDIS

Energy homepage

[http://cordis.europa.eu/fp7/energy/home\\_en.html](http://cordis.europa.eu/fp7/energy/home_en.html)

Energy project

[http://cordis.europa.eu/fetch?CALLER=FP7\\_ENERGY\\_PROJ\\_EN](http://cordis.europa.eu/fetch?CALLER=FP7_ENERGY_PROJ_EN)

Useful links for Energy

[http://cordis.europa.eu/fp7/energy/links\\_en.html](http://cordis.europa.eu/fp7/energy/links_en.html)



# CORDIS

## CORDIS Partners Service

[http://cordis.europa.eu/partners-service/home\\_en.html](http://cordis.europa.eu/partners-service/home_en.html)

- Are you looking for Partners?
- [Publish your partners profile](#) on CORDIS by entering your project idea or specific expertise,
- [Search the Partners profiles](#) submitted by other organizations,
- [Update or delete your existing profile on-line](#) at any time using your CORDIS user name and password

# Εθνικοί Εκπρόσωποι και Εμπειρογνώμονες



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