

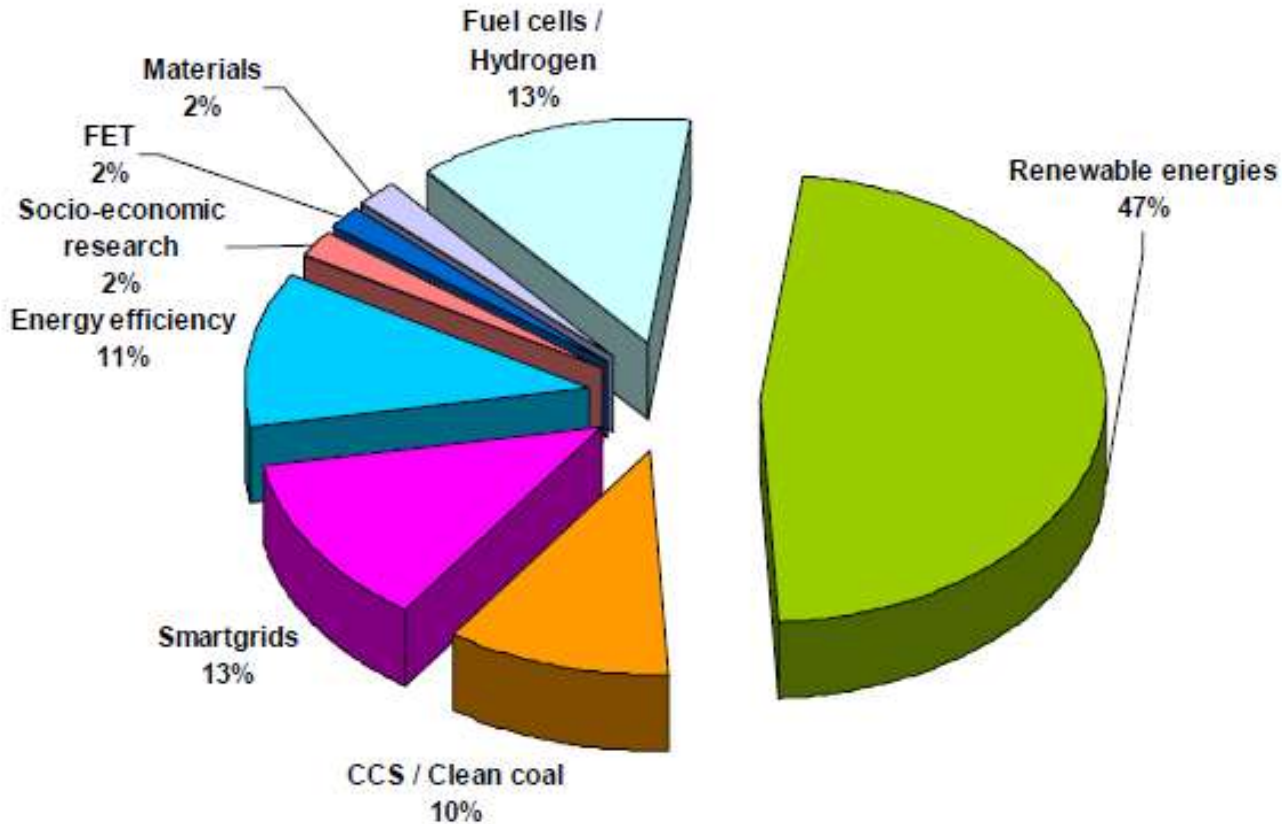
The European Union (EU) Seventh Framework Programme (FP7) 2013 Energy Call

Thembakazi Mali NCP Energy



European - south african science and technology
advancement programme

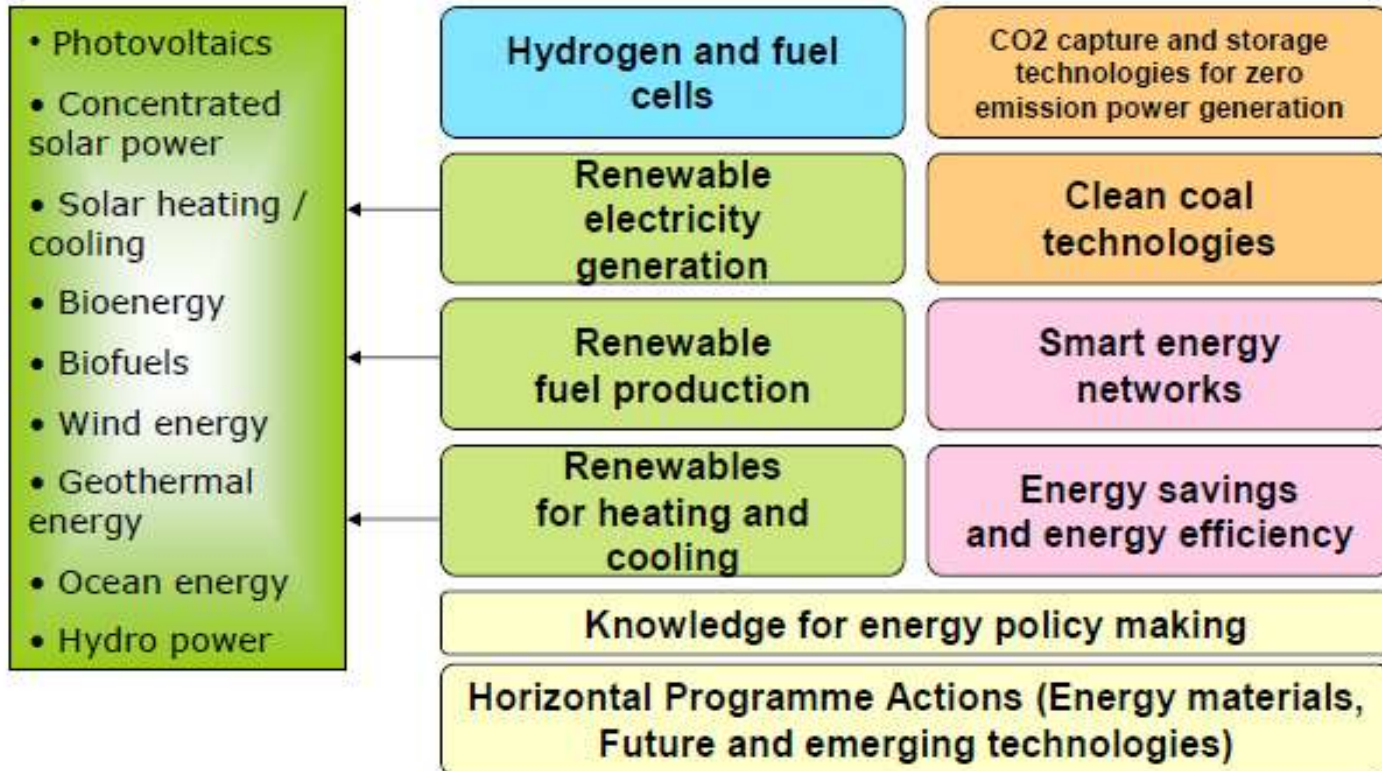
Energy theme in FP7



ESASTAP

European - South African Science and Technology Advancement Programme

Energy theme.....



Energy in Cooperation Program

Area	FP7 Theme	Further info
Energy efficiency, biofuels, fuel cells	Transport	<ul style="list-style-type: none"> • http://cordis.europa.eu/fp7/cooperation/transport_en.html • http://ec.europa.eu/research/transport/index_en.cfm
Energy materials, energy storage, buildings	NMP	<ul style="list-style-type: none"> • http://cordis.europa.eu/fp7/cooperation/nanotechnology_en.html • http://ec.europa.eu/research/industrial_technologies/index_en.html
Bioenergy, energy plants	Food, agriculture and fisheries, biotechnology	<ul style="list-style-type: none"> • http://cordis.europa.eu/fp7/kbbe/home_en.html • http://ec.europa.eu/research/agriculture/index_en.html
Energy efficiency, smartgrids	Information & communication technologies	<ul style="list-style-type: none"> • http://cordis.europa.eu/fp7/ict/home_en.html • http://ec.europa.eu/information_society/tl/research/index_en.htm
Bioenergy, socio-economic research, buildings	Environment	<ul style="list-style-type: none"> • http://cordis.europa.eu/fp7/environment/home_en.html • http://ec.europa.eu/research/environment/index_en.htm
Socio-economic research	Socio-economic sciences and the humanities	<ul style="list-style-type: none"> • http://cordis.europa.eu/fp7/ssh/home_en.html • http://ec.europa.eu/research/social-sciences/index_en.html

Annual Work Programme

The main focus of the calls is the integration of research with innovation to tackle societal challenges and create sustainable jobs and growth by giving Europe a lead in the key technology markets of the future. All activities are open to researchers and research institutions from third countries and strong efforts are made to encourage them to seize this opportunity. Particular attention is paid to supporting strategic bilateral agreements and dialogues.

ftp://ftp.cordis.europa.eu/pub/fp7/docs/wp/cooperation/energy/e-wp-201201_en.pdf



Energy-related calls for proposals under the FP7 published on 10 July 2012

- **FP7-ENERGY-2013-1**: general call focusing on research with a long-term horizon;
- **FP7-ENERGY-2013-2**: general call focusing on research with a short-term horizon and on demonstration;
- **FP7-SMARTCITIES-2013**: a call in the framework of the SET-Plan Smart Cities and Communities Initiative;
- **FP7-ENERGY-2013-IRP**: a call to support integrated research programmes in the energy field;
- **FP7-FISSION-2013**: a call focusing on nuclear fission research;
- **FP7-2013-NMP-ENV-ICT-EeB**: a cross-thematic call on energy efficiency in buildings in the context of the European Economic Recovery Plan;
- **FP7-2013-OCEAN**: a cross-thematic call on marine and maritime research including an energy relevant topic;
- **FP7-ERANET-2013-RTD**: a joint call on ERA-NETs together with other FP7 themes.



Calls ENERGY-2013

Call identifier	Title	Published	Deadline	Budget	Submission
FP7-ENERGY-2013-1	ENERGY CALL PART 1 (focuses on long-term research activities)	10.07.2012	28.11.2012	105.5	Two stage
FP7-ENERGY-2013-2	ENERGY CALL PART 2 (focuses on short-term research and demonstration activities)	10.07.2012	24.01.2013	83	One stage
FP7-ENERGY-SMARTCITIES-2013	Smart Cities And Communities Energy ICT	10.07.2012	04.12.2011	114 95	One stage
FP-SST-2013-RTD-1	Sustainable Surface Transport On-road charging on EV Demonstration of electric buses for urban transportation	10.07.2012	14.11.2012	10 13.5	One stage
FP7-2013-NMP-ENV-ICT-EeB	Energy-efficient Buildings Nanoscience, Nanotechnologies, Materials and New Production Technologies Environment – including climate change	10.07.2012	04.12.2012	116 110 6	One stage

Calls ENERGY-2013

Call identifier	Title	Published	Deadline	Budget	Submission
FP7-FISSION-2013	FISSION (focuses on long-term research activities) Management of ultimate radioactive waste, Reactor Systems, Radiation protection, Infrastructures and Human resource and Training)	10.07.2012	13.11.2012	55	One stage
FP7-ERANET-2013-RTD	ERA-NET (focuses on developing and strengthening the coordination of national and regional research programs)	10.07.2012	28.02.2013	27	One stage
FP7-ENERGY-2013-IRP	Integration of Research Programs Support to Platforms (support the integration of national research programs at European scale and Technology platforms)	10.07.2012	28.02.2013	35 2.5	One stage
FP7-OCEAN-2013	The ocean of tomorrow (jointly implemented between FAFB, NMP, Energy, Environment and Transport)	10.07.2012	14.11.2012	55	One stage

Calls ENERGY-2012

Area	Topic	Type	FP7-ENERGY-
ACTIVITY ENERGY 8: ENERGY EFFICIENCY AND SAVINGS			
8.1: EFFICIENT ENERGY USE IN THE MANUFACTURING INDUSTRY AND BUILDING SECTOR	ENERGY.2012.8.1.1: Next generation heat pump technologies	CP	2012-1
8.8: SMART CITIES AND COMMUNITIES	Energy.2012.8.8-1: Strategic sustainable planning and screening of city plans – Smart Cities and Communities Incubator	CSA-CA	SMARTCIT IES-2012
	Energy.2012.8.1-2: Large scale systems for urban area heating and/or cooling supply	CP demonstration	SMARTCIT IES-2012
	Energy.2012.8.1.3: Demonstration of Zero Carbon Building Renovation for cities and districts	CP demonstration	FP7-2012-ENV-ICT-ENERGY-NMP-EeB
ACTIVITY ENERGY.10: HORIZONTAL PROGRAMME ACTIONS			
10.1: ERA-NET PLUS ON BIOENERGY	Energy.2012.10.1.1 : ERA-NET Plus - Bioenergy Demonstrations of the European Industrial Bioenergy Initiative	CSA coordinating research activities	FP7-ERANET-2012-RTD
10.2: FUTURE EMERGING TECHNOLOGIES	ENERGY.2012.10.2.1: Future Emerging Technologies	CP	2012-1

Annual Work Programme

Cooperation with Third countries or international initiatives is particularly encouraged in the following topics:

- ENERGY.2012.5.2.2: Impact of the quality of CO₂ on transport and storage (CLF countries)

- ENERGY.2012.7.3.2: Facilitating the deployment of safe stationary batteries (with Japan);
- - ENERGY.2012.2.5.1: Research, development and testing of solar dish systems (with China).
- ENERGY.2012.2.5.2: Hybridisation of CSP with other energy sources;
- ENERGY.2012.4.1.1: Research and development for medium temperature range solar collectors (100°-250°C) (Mediterranean Partner Countries)
- KBBE.2012.1.2-01: Development of new or improved logistics for lignocellulosic biomass harvesting, storage and transport (with the KBBE Theme);
- - ENERGY.2012.3.2.2. Development and testing of advanced sustainable bio-based fuels for air transport (with the Transport Theme)

Annual Work Programme

Participation of SMEs is explicitly encouraged in the following topics:

- ENERGY.2012.2.5.1: Research, development and testing of solar dish systems;
- ENERGY.2012.3.2.1.: Biofuels from microalgae or macroalgae;
- KBBE.2012.1.2-01 (joint topic between the KBBE and the Energy Theme): Development of new or improved logistics for lignocellulosic biomass harvesting, storage and transport;
- ENERGY.2012.10.2.1: Future Emerging Technologies.

FP7 participation

1. Identify relevant call for proposals (10 July 2012)

- Check website of CORDIS
- Check also other FP7 Themes and Programs

2. Receive call-specific documentation and forms

- Consult the CORDIS website

3. Establish a research consortium

- Use the Partner search facility on CORDIS, contact NCPs

4. Prepare and submit a proposal

- Consult your National Contact Point or the Commission in case of questions
- Respect the call requirements and deadlines! (12 noon in Brussels means just that!)

Thank you!

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