



# Energy and Environment Results and Expectations

Maria Habicht

Archimedes Foundation

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f o u n d a t i o n

## Cooperation - 10 themes

**1**

Health

**2**

Food, agriculture and fisheries, biotechnology

**3**

Information and communication technologies

**4**

Nanosciences, nanotechnologies, materials and  
new production technologies

**5**

Energy

**6**

Environment (incl climate change)

**7**

Transport (incl aeronautics)

**8**

Socio-economic sciences and the humanities

**9**

Security

**10**

Space

2007/S 125-152142	nanotechnologies, materials and new production technologies (NMP)	2007-07-03	2007-09-20
2007/S 119-145485	Project Technical Assistants (PTA) for nanosciences, nanotechnologies, materials and new production technologies (NMP)	2007-06-23	2007-09-12

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## Energy

### Calls for proposals

Call Identifier ▾ ▾	Call Title ▾ ▾	Publication Date ▾ ▾	Deadline ▾ ▾
FP7-ENERGY-2008-TREN-1	Energy call Part 2	2008-04-29	2008-10-08
FP7-ENERGY-2008-1	Energy Call Part 1	2007-11-30	2008-02-26
FP7-ENERGY-2008-FET	Energy FET Call	2007-11-30	2008-02-26
FP7-ENERGY-2008-RUSSIA	Energy EU-Russia Call	2007-11-30	2008-02-26
FP7-ENERGY-NMP-2008-1	Joint Energy NMP Call	2007-11-30	2008-02-26
FP7-ERANET-2007-RTD	ERA-NET / ERA-NET Plus Call 2007	2006-12-22	2007-07-31
FP7-ENERGY-2007-2-TREN	Energy Call Part 2	2006-12-22	2007-06-28
FP7-ENERGY-2007-1-RTD	Energy Call Part 1	2006-12-22	2007-05-03

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## Environment (including Climate Change)

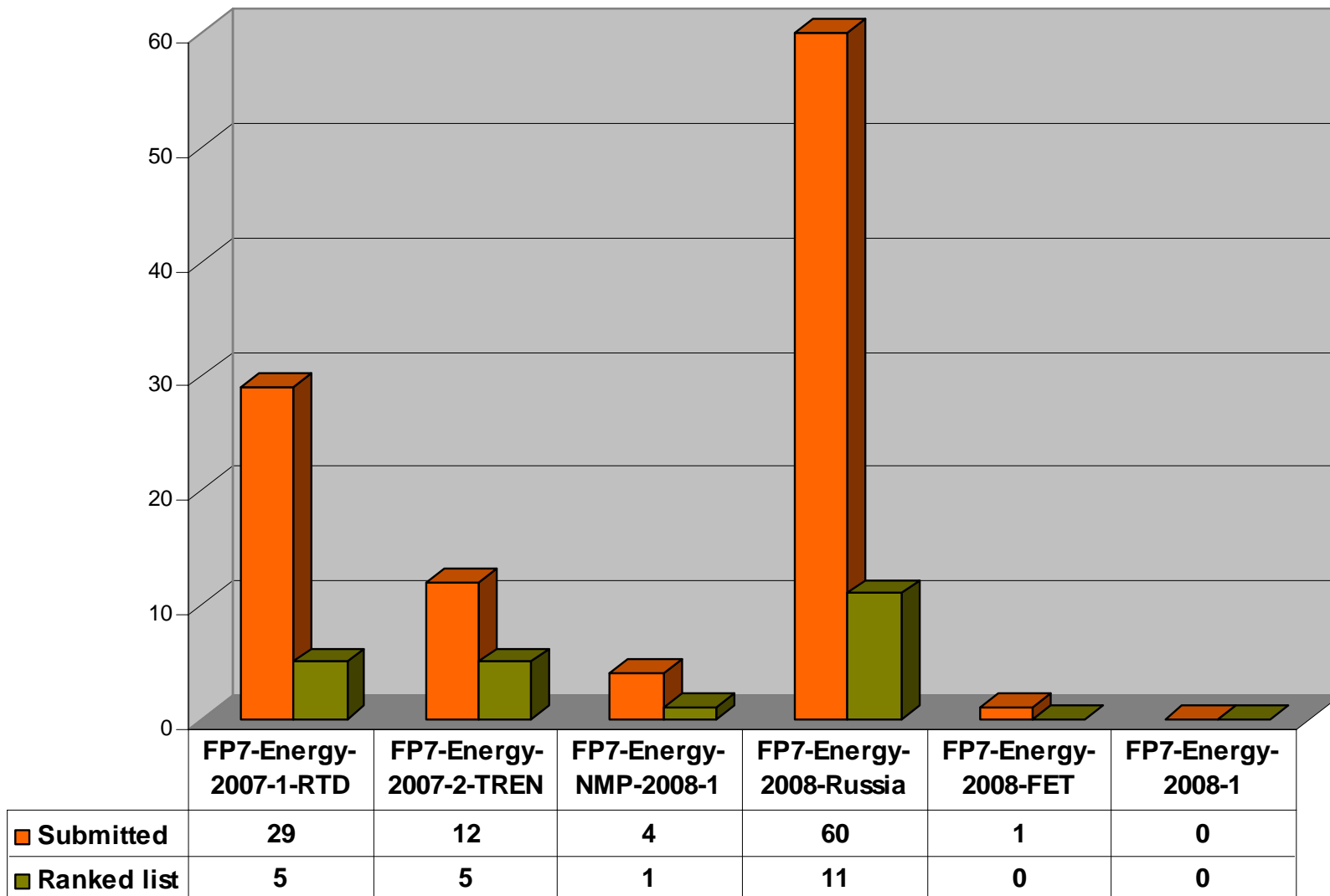
### Calls for proposals

Call Identifier ▾ ▾	Call Title ▾ ▾	Publication Date ▾ ▾	Deadline ▾ ▾
FP7-ENV-2008-1	FP7-ENV-2008-1	2007-11-30	2008-02-25
FP7-ENV-NMP-2008-2	FP7-ENV-NMP-2008-2	2007-11-30	2008-02-25
FP7-ERANET-2007-RTD	ERA-NET / ERA-NET Plus Call 2007	2006-12-22	2007-07-31
FP7-ENV-2007-1	FP7-ENV-2007-1	2006-12-22	2007-05-02

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### Participation of Russian partners in projects



# FP7-ENERGY-2008-RUSSIA

## Evaluation outcome

Activity	Received	Evaluation			
		Ineligible	Below thresholds	Above thresholds	
				nb	EC Requested
<b>Biomass</b>	12	4	2	6	10,60
<b>Pan-European Energy Networks</b>	4	0	2	2	3,78
<b>Total</b>	<b>16</b>	<b>4</b>	<b>4</b>	<b>8</b>	<b>14,38</b>

# Participation

## FP7-ENERGY-2008-RUSSA

Member States	Participation in	
	Evaluated proposals	Above thresholds proposals
Belgium	4	3
Bulgaria	4	1
Czech Republic		
Denmark	1	
Germany	13	8
Estonia	1	1
Éire/Ireland	1	
Greece	8	2
Spain	4	2
France	1	
Italy	5	4
Cyprus	1	
Latvia	2	2
Lithuania		

Member States	Participation in	
	Evaluated proposals	Above thresholds proposals
Luxembourg		
Hungary	1	1
Malta		
Netherlands	4	4
Austria	10	6
Poland	3	3
Portugal	1	
Romania	2	1
Slovenia	3	3
Slovakia		
Finland	5	5
Sweden	7	4
United Kingdom	8	4

Associated Countries	Participation in	
	Evaluated proposals	Above thresholds proposals
Switzerland	3	1
Croatia		
Israel		
Iceland		
Norway	2	1
Serbia		
Turkey	2	1
FYR of Macedonia		





Third countries	Participation in	
	Evaluated proposals	Above thresholds proposals
Russian Federation	60	11
Ukraine	1	1

2008 Calls  
Success Rate

Call	Number of proposal		
	Received	"GO" or Above Thresholds	Success rate
FP7-ENERGY-2008-1	85	38	44,7%
FP7-ENERGY-2008-FET	52	15	28,8%
FP7-ENERGY-NMP-2008-1	131	33	25,2%
FP7-ENERGY-2008-RUSSIA	16	8	50,0%
<b>Total</b>	<b>284</b>	<b>94</b>	<b>33,1%</b>





## Energy

### Calls for proposals

Call Identifier 	Call Title 	Publication Date 	Deadline 
FP7-ENERGY-2009-2	ENERGY CALL PART 2	2008-09-03	2009-04-29
FP7-2009-BIOREFINERY_CP	Biorefinery Joint Call	2008-09-03	2008-12-02
FP7-2009-BIOREFINERY_CSA	Biorefinery Joint Call	2008-09-03	2008-12-02
FP7-ENERGY-2009-1	Energy Call Part 1	2008-09-03	2008-11-25
FP7-ENERGY-2009-3	Energy Call 3	2008-09-03	2008-11-25

## Environment (including Climate Change)

### Calls for proposals

Call Identifier 	Call Title 	Publication Date 	Deadline 
FP7-ENV-2009-1	FP7-ENV-2009-1	2008-09-03	2009-01-08
FP7-2009-BIOREFINERY_CP	Biorefinery Joint Call	2008-09-03	2008-12-02
FP7-2009-BIOREFINERY_CSA	Biorefinery Joint Call	2008-09-03	2008-12-02

## Socio-economic sciences and Humanities

### Calls for proposals

Call Identifier 	Call Title 	Publication Date 	Deadline 
FP7-SSH-2009-A	FP7-SSH-2009: Collaborative research projects and Research for the Benefit of Specific Groups - Civil Society Organisations	2008-09-03	2009-01-13
FP7-SSH-2009-B	FP7-SSH-2009: Collaborative projects (small or medium-scale focused research projects) for specific cooperation actions dedicated to international cooperation	2008-09-03	2009-01-13
FP7-SSH-2009-C	FP7-SSH-2009: Coordination and support actions	2008-09-03	2009-01-13

## Space

### Calls for proposals

Call Identifier 	Call Title 	Publication Date 	Deadline 
FP7-SPACE-2009-1	Space Call 2	2008-09-03	2008-12-04

- **20-20-20 by 2020 =**
  - 20% reduction in global primary energy use through energy efficiency,
  - 20% of renewable energy in the EU's overall mix
  - 20% reduction in GHG emissions compared to 1990 levels
- **By 2050 – indicative 60-80% reduction in GHG**

## Work programme 2009 (TREN-part, Demonstration)

- Renewable electricity generation – solar, biomass, wind
- Renewable fuel production – biorefineries
- Renewables for heating and cooling – solar thermal
- Energy efficiency in industry
- Clean Coal – pulverized coal power plants

**Available budget – 100 million €**

- **General Call**

**Biofuels from wastes and marine biomass**

**CO<sub>2</sub> Capture and Storage**

**Solar energy: Photovoltaics and Concentrated Solar Power**

**Smart energy networks including energy storage**

**Wind/ocean energy**

**Geothermal energy**

**Knowledge for policy making**

**83 million €**

- **Coordinated Call with Brazil**  
**Second Generation Biofuels**  
Up to 4 million €
- **Joint RTD Biorefinery call**  
Total 57 million €, Energy Share 30 million €
- **Joint Smart Grids call with DG INFSO**  
Budget foreseen: Total 20 million €, Energy Share  
10 million €

## Work Programme 2009 Biorefineries Joint Call

- **Common budget from Themes**
- **Budget foreseen: Total 57 million €**
  - **Theme 2 - Food, Agriculture and Fisheries, and Biotechnology -10 million €**
  - **Theme 4 - Nano-sciences, Nano-technologies, Materials and new Production Technologies - 7 million €**
  - **Theme 5 - Energy – 30 million €**
  - **Theme 6 - Environment (Including Climate Change) – 10 million €**

## Biorefineries Joint Call Topics





- **Aims at research, development and integration of innovative technologies to prove the viability of advanced biorefineries taking into account the entire value chain and sustainability issues**
- **Implemented through two topics**
  - ⇒ **Sustainable Biorefineries**
  - ⇒ **Enhancing exchange of information, synergies and cross-fertilization between projects in the field of Biorefineries**

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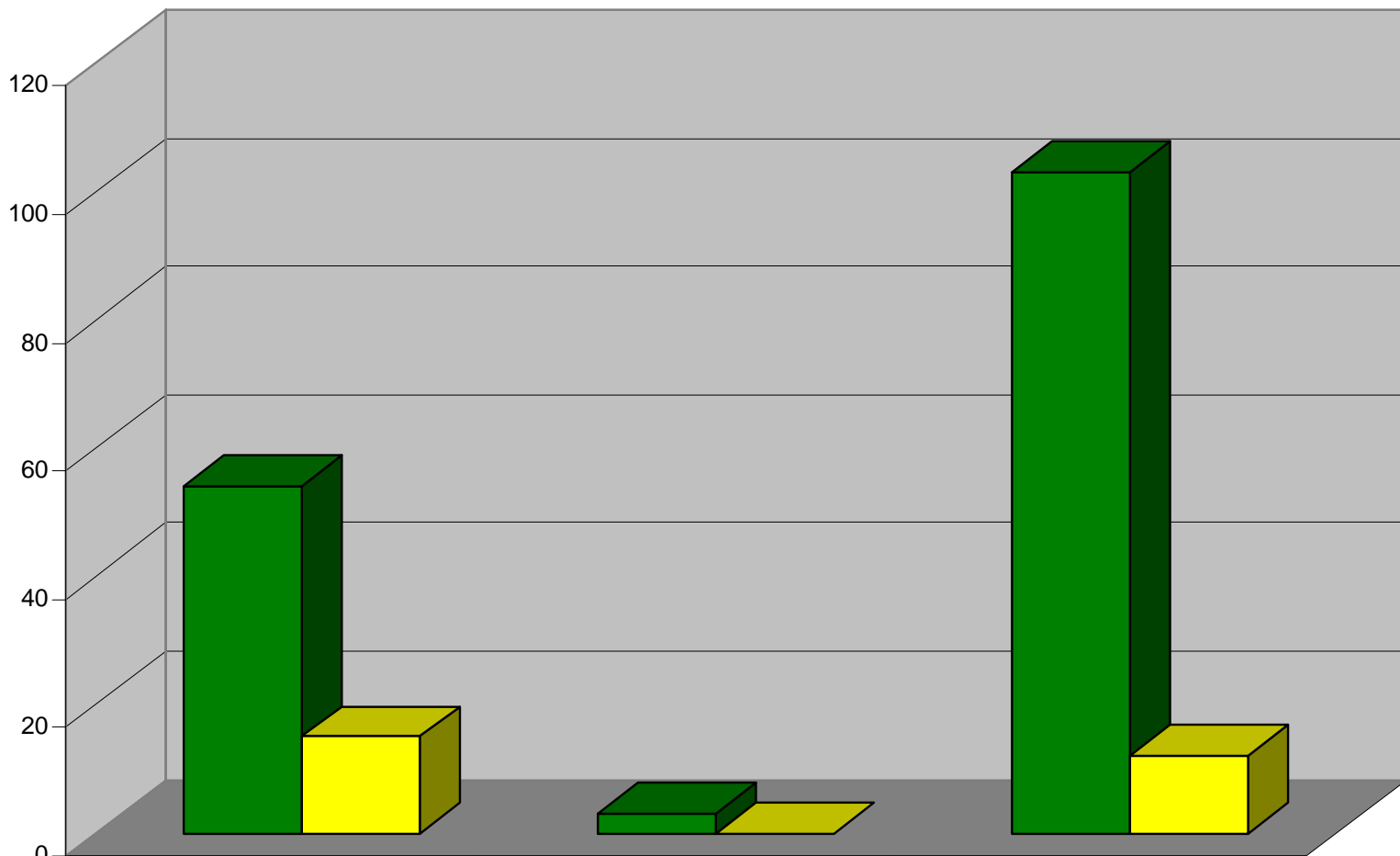
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FP7-ERANET-2007-RTD	ERA-NET / ERA-NET Plus Call 2007	2006-12-22	2007-07-31
FP7-ENV-2007-1	FP7-ENV-2007-1	2006-12-22	2007-05-02

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### Participation of Russian partners in submitted projects



	FP7-ENV-2007-1	FP7-ENV--NMP-2008-2	FP7-ENV-2008-1
Submitted	54	3	103
Ranked list	15	0	12

## FP7-ENV-2007-1: Proposal Summary

	Number	Total
Proposals submitted		633
Withdrawn before deadline	1	632
Withdrawn after deadline	3	629
Declared ineligible: Commission	30	599
Declared ineligible: Experts	7	592
Proposals failing the thresholds	263	329
Proposal passing the thresholds	329	

## FP7-ENV-2008-1: Proposal Summary

Proposals submitted	420	420
Proposals transferred into programme	6	426
Withdrawn before deadline	0	426
Withdrawn after deadline	1	425
Declared ineligible: Commission	19	406
Declared ineligible: Evaluators	4	402
Failed one or more threshold	177	225
Passed all thresholds	225	

## Coverage of topics





- **In 2007**
  - 592 eligible proposals received
  - 72% of topics covered
- **In 2008**
  - 402 eligible proposals received
  - 90% of topics covered

## FP7-ENV-NMP-2008-2: Proposal Summary

	Number	Total
Proposals submitted		40
Transfer to the call FP7-ENV-2008-1	5	35
Declared ineligible: Commission	1	34
Proposals failing the thresholds	18	16
Proposal passing the thresholds	16	



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FP7-SSH-2009-C	FP7-SSH-2009: Coordination and support actions	2008-09-03	2009-01-13

## Space

### Calls for proposals

Call Identifier 	Call Title 	Publication Date 	Deadline 
FP7-SPACE-2009-1	Space Call 2	2008-09-03	2008-12-04

## General information

**Call identifier: FP7-ENV-2009-1**

**Date of publication: 03 September 2008**

**Deadline: 08 January 2009**

**Indicative budget: EUR 193,5 million**

**+ joint call on biorefineries: FP7-2009-BIOREFINERY**

**Date of publication: 03 September 2008**

**Deadline: 02 December 2008**

**Indicative budget: EUR 10 million (total 57 M€)**

**+ joint call on nanotechnology - FP7-MNP-ENV-2009**

**Date of publication: 19 November 2008**

**Deadline: 31 March 2009**

**Indicative budget: EUR 5 million (total 10 M€)**

## Approach International Cooperation

- **Opening of all topics to international cooperation**
- **Specific International Cooperation Actions (SICA) targeted to ICPC countries**
- **Specially highlighted research areas/topics for international co-operation (all third countries)**

## Approach International Cooperation activities

- **Methods to quantify the impacts of climate and water on health in developing low income countries (SICA)**
- **Sustainable urban development**
- **Technologies for protecting cultural heritage assets from risks and damages resulting from extreme events, especially in the cases of earthquakes, storms and fires in Mediterranean countries (specially highlighted research topic)**
- **Assessment of economic instruments to enhance the conservation and sustainable use of biodiversity**

**Archimedes Foundation**  
**Väike-Turu 8**  
**51013 Tartu**  
**Estonia**

**[www.archimedes.ee](http://www.archimedes.ee)**  
**[mari@ise.ee](mailto:mari@ise.ee)**