



## EUFORES

European Forum for  
Renewable Energy Sources

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FP7 State of Play

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## FP7

- FP7 Facts
- FP7 Structure
- FP7 EP
- What could we do?



## FP7 - Facts

- Table 1 – average annual spending on RE and EE under EC Framework Programmes since 1995

FP	4 <sup>th</sup>	5 <sup>th</sup>	6 <sup>th</sup>	7 <sup>th</sup>
	1995-1998	1999-2002	2003-2006	2007-11 (proposed)
M EUR / year	174	134	108-130	???



## FP7-facts

Table 2 - Euroatom spending on nuclear research 1995-2011  
(source: Cordis and European Commission, courtesy of Antony Froggatt)

FP	4 <sup>th</sup>	5 <sup>th</sup>	6 <sup>th</sup>	7 <sup>th</sup>
	1995-1998	1999-2002	2003-2006	2007-11 (proposed)
JRC	441	49	319	541
Fission		142	209	395
Fusion	895	788	824	2167
Total (M EUR)	1336	978	1352	3103




## FP7 facts

- Research in the OECD States:
  - 1974 to 2001: Renewable energy technologies accounted for just 8.2% of total government energy RD&D funding.
  - Total government energy research, development and demonstration (RD&D) budgets increased after the oil price shocks in the 1970s.
  - Budgets declined to about half of their peak levels by 1987 and remained relatively stable to 2002.
  - As a percentage of total RD&D funding, funding for renewables was higher from 1974 through 1986 than in the period since 1987.




## FP7 structure

- 8 Activities are mentioned in the proposal under the topic energy
  - Hydrogen and fuel cells
  - Renewable electricity generation
  - Renewable fuel production
  - Renewables for heating and cooling
  - Clean coal technologies
  - Smart energy networks
  - Energy efficiency and savings
  - Knowledge for energy policy making



### FP7 - EP


(in EUR million)		(in EUR million)	
Cooperation	44432	Cooperation	46214
Health	8317	Health	9099
Food, Agriculture and Biotechnology	2455	Food, Agriculture and Biotechnology	2455
Information and Communication Technologies	12670	Information and Communication Technologies	11670
Nanosciences, Nanotechnologies, Materials and new Production Technologies	4832	Nanosciences, Nanotechnologies, Materials and new Production Technologies	4832
Energy	2931	Energy	3931
Environment (including Climate Change)	2535	Environment (including Climate Change)	3535
Transport (including Aeronautics)	5940	Transport (including Aeronautics)	5940
Socio-economic Sciences and the Humanities	792	Socio-economic Sciences and the Humanities	792
Security and Space	3960	Security and Space	3960



### FP7 - EP

**Amendment Greens:**


**Clear separate budget lines for energy research under the Co-operation programme have to be fixed for each related technologies.**



### FP7 - EP

**Amendment Greens: Activities are presented in order of priority and will have separate budget lines.**


1. Energy Efficiency and Saving
2. Renewable Energy – Fuel Production, Renewable Energy – Electricity and Renewable Energy – Heat and Cool
3. Smart energy networks
4. Knowledge for Energy Policy Making
5. Hydrogen and fuel cells
6. Carbon Capture and Storage



### FP7 - EP

**Amendment Greens:**


- 20% of the money available under this theme should be spent on research directly related to 'Energy efficiency and savings'. 60% should be spent on 'Renewable energies', 9% on 'Smart energy networks', 3% on research relating to knowledge for policy making, 4% on Hydrogen and fuel cells and 4% 'Carbon capture and storage'.



### FP7 - EP

**Amendment Rothe (1st fall back option):**

- 2/3 of the energy budget should be allocated to renewable energy and energy efficiency
- But strong lobby for clean coal → *should be managed the 'Research Fund for Coal and Steel'; earn sufficient interest to provide c. 16 M EUR annually to coal-related research funded*
- But strong lobby for hydrogen → *alternative fuels proposed under the 'Transport' heading should cover the use of hydrogen for transport applications*



### FP7 - EP

- A single budget line for renewables and energy efficiency
- Reasons:
  - Clear allocation to renewables
  - Increase of transparency



## What could we do?

- **Single budget line for renewables should cluster the following three activities:**
  - Renewable electricity generation (Activity 2)
  - Renewables for heating and cooling (Activity 4)
  - Renewable fuel production (Activity 3)
- Increase of budget line
- Contacting your MEP
- Voting ITRE Committee: 15 May
- Voting plenary session: June



Thank you very much for your attention