


 **European Commission**




**Introduction and background of the Fourth Call for proposals**

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 **EU RES/RUE Policy: Priorities (1)**

**EU Strategy for Sustainable Development & Energy Policy main priorities: the Lisbon and Göteborg processes**




- To achieve a less energy intensity economic growth
- To reduce Green House Gas emissions and climate change effects
- To ensure long term security of energy supply
- To increase endogenous and environmental friendly energy production

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 **EU RES/RUE Policy: Priorities (2)**

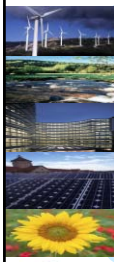
**New & Renewable Energy Sources, Energy Efficiency and Demand Management**



- RES development:
  - To increase RES market penetration
  - To foster transition of RES technologies from innovation demonstration to market
  - Targeted research
- RUE improvement:
  - To reduce energy intensity
  - To increase EE in final uses (industry, buildings, services and transport)
  - To improve EE (equipment, domestic appliances, etc.)

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 **RES/RUE Community Targets**



- To double the share of renewable energy from 6% to 12% of gross energy consumption in Europe (Union's E-15) by 2010
- To establish a framework to increase the share of green electricity from 14% to 21% in EU 25 of gross electricity consumption by 2010
- To realise a savings potential of around 22% by 2010 for energy used in heating, air-conditioning, hot water and lighting
- To achieve a share of 5.75 % of biofuels for transport in the total amount of fuels in Europe by 2010

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 **EU RES/RUE Policy: Instruments**

**Adapt and strengthen the European Union's action in the legislative and financial areas**

*Community action on the basis of most performant individual Member States initiatives to achieve common goals while ensuring complementarity*

**Legislative measures**



**The Commission initiatives promoting:**


- electricity from renewable sources
- biofuels
- energy efficiency in buildings
- co-generation

**Support programmes**

Existing support programmes must be strengthened in the period 2003-2006:

- 6th RTD Framework Programme
- Intelligent Energy Europe

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 **Policy implementation**

**Policies and Targets**

**Legislation**


**Market development, Certification, Planning, Financing, Promotion**

**Research, Development, and Demonstration of New Technologies**

EI-E  
 FP6

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## Legislative measures

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 EU Policies & Targets (2)




- Directive 2001/77/EC of 27.09.01 on RES-e : to establish a framework to increase the share of green electricity from 14% to 21% in EU 25 of gross electricity consumption by 2010
- Directive 2002/91/EC of 04.01.03 on the energy performances of buildings: saving potential of 22%.
- Directive 2003/30/EC of 08.05.2003 on the promotion of liquid biofuels for transport targets: 2% by 2005; 5.75% by 2010
- Directive 2004/8/EC on cogeneration of heat and power.

**Is there need for other legislative actions??**

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## Support Programmes

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### 6th Framework Programme


(2002-2006)

### Intelligent Energy Europe Programme

(2003-2006)

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 **The IE-E programme**


« Intelligent Energy - Europe » A multiannual programme for action in the field of energy (2003-2006): EU single instrument for non-technological Community support activity in the energy field

**Intelligent energy for Europe:**

- strengthens the "renewable energy" and the "energy efficiency" fields
- redirects international support towards renewable energy and energy efficiency
- introduces a new field: energy aspects of transport

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 **IE-E Budget**

The financial framework for EU-15 is €250 million for the period of 2003-2006

By field of action:	Total
<b>SAVE</b> Rational use of energy and demand management	88.9
<b>ALTENER</b> New and renewable energies and diversification of energy production	101.9
<b>STEER</b> Energy aspects of transport	41.6
<b>COOPENER</b> International promotion of renewable energy sources and energy efficiency	17.6
<b>Total in million €</b>	<b>250</b>

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FP6 short to medium term Roadmap				
	1st call	2nd call	3rd call	4th call
Publication	Dec. 02	June 03	June 04	June 05
Indic. Budget	56	107	132	125
Cost effective supply	All		All	STRP, CA, SSA
Large scale integration	CA, SSA	CONCERTO	STREP, CA, SSA	CONCERTO II IP
Eco-building	IP, STRP	CONCERTO	SSA	CONCERTO II IP, STRP, SSA
Poly-generation		CONCERTO	IP, STRP, SSA	CONCERTO II IP, STRP, SSA
Alternative motor fuels, CIVITAS	All	CIVITAS II	All	CIVITAS, SSA
Themat. Promotion and Dissemination			SSA	SSA

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### Revised Work Programme

- CLEAN ENERGY, IN PARTICULAR RENEWABLES
  - Cost effective supply
  - Large scale integration → Electricity Grid Issues
- ENERGY SAVINGS AND ENERGY EFFICIENCY
  - Eco-buildings
  - Polygeneration → Electricity Grid Issues
- ALTERNATIVE MOTOR FUELS
  - Biofuels-Cities, Hydrogen for transport
  - CIVITAS
- THEMATIC PROMOTION and DISSEMINATION**

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### 4rd call Short - Medium term June – Dec. 2005

- Cost-effective Supply of Renewables
- Grid Issues
- Polygeneration
- Ecobuildings
- CONCERTO II
- CIVITAS Dissemination and Best practice transfer action
- Thematic Promotion and Dissemination

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