



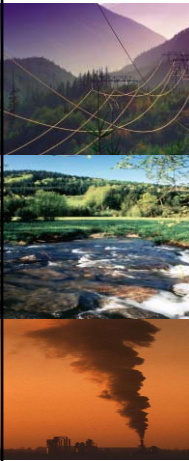
Priority programme actions and use of Structural Funds in New Member States

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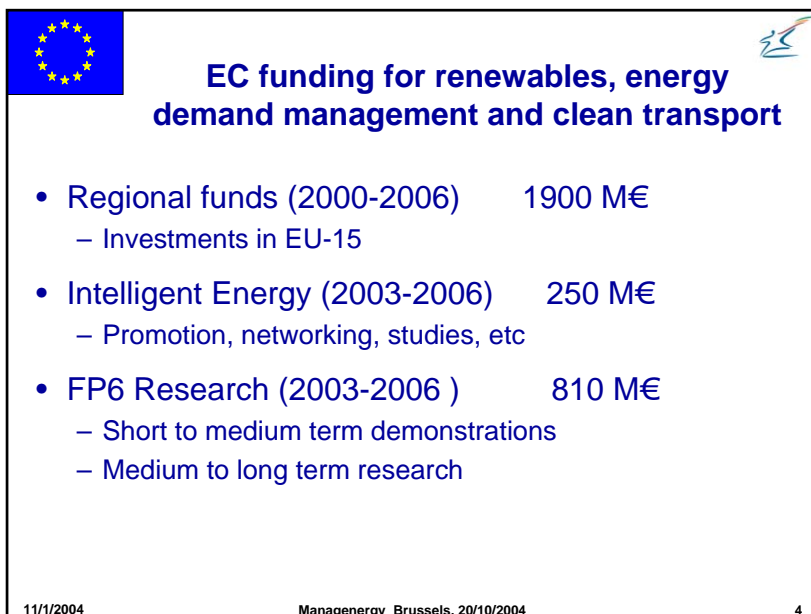



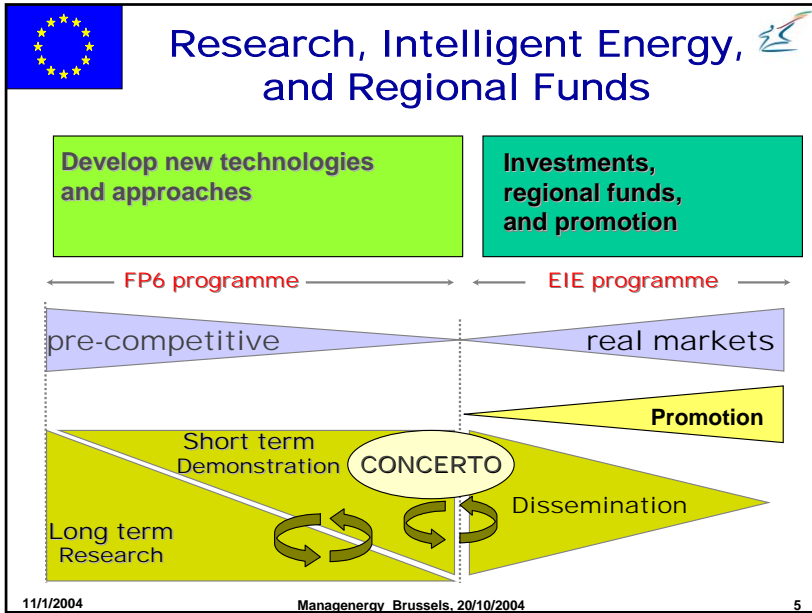
EU policies & Targets



- **RES White paper 1997:** increase share of RES from 6% to 12% of gross consumption by 2010
- **RES-e DIRECTIVE 2001 :** increase green electricity from 14% to 22% of electricity consumption by 2010
- **COM on the Green Paper on Security of energy supply** (June 2002)
- **Directive on the energy performance of buildings (Dec 2002)** : saving potential of 22%.
- **Directive on liquid biofuels (May 2003)**
targets: 2% by 2005; 5.75% by 2010
- **Directive on cogeneration of heat and power (2004)**
- New **COM 366** on the **Share of RE in the EU** launched at **Bonn** (26 May 2004)

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Intelligent Energy - Europe Vertical Key Actions

SAVE	ALTENER	STEER	COOPENER
<ul style="list-style-type: none"> ▪ Multiplying success in buildings ▪ Retrofitting of social houses ▪ Innovative approaches in industry ▪ Energy Efficient Equipment and Products 	<ul style="list-style-type: none"> ▪ RES-Electricity ▪ RES-Heat ▪ Small Scale RES Applications ▪ Alternative vehicle propulsion 	<ul style="list-style-type: none"> ▪ Alternative vehicle propulsion ▪ Policy measures for an efficient use of energy in transport ▪ Strengthening the knowledge of local management agencies in the transport field 	<ul style="list-style-type: none"> ▪ Energy policies, legislation and market conditions for enabling poverty alleviation in developing countries* ▪ Strengthening local energy expertise in developing countries* <p>* Focus 2003: Sub-Saharan Africa</p>


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Revised Work FP6 Programme SMT research (405 M€)

- **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
- **THEMATIC PROMOTION and DISSEMINATION**

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Policies, Regulations, Programmes and Structural Funds all help to integrate RES & RUE at local level

- Wind power (EWEA : Wind energy – the facts)
- Solar heating and cooling (ESTIF: Sun in Action II)
- PV integrated into buildings (PV Platform)
- Biomass Action Plan (announced in COM 366)
 - Large scale Biomass (co-firing) for electricity
 - Biomass for heating (pellets and others)
 - Liquid biofuels (biodiesel, alcohols, etc)
- Geothermal heating, electricity and CHP
- Hydro power, ocean energies, etc

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Priority programme actions and use of Structural Funds in New Member States



- Overview of the EU Programmes
- Case studies
 - Hungary
 - Poland
 - Slovakia
 - Estonia
- Discussion of priorities