



Renewable energy, trade & climate change

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Secretary General

European Renewable Energy Council

Hearing on trade & climate change

Brussels, 27th June 2007



EREC – European Renewable Energy Council

Umbrella organisation representing all RES sectors:

- | | |
|-----------------------|---|
| ✓ AEBIOM | European Biomass Association |
| ✓ EGEC | European Geothermal Energy Council |
| ✓ EPIA | European Photovoltaic Industry Association |
| ✓ ESHA | European Small Hydropower Association |
| ✓ ESTIF | European Solar Thermal Industry Federation |
| ✓ EUBIA | European Biomass Industry Association |
| ✓ EWEA | European Wind Energy Association |
| ✓ EUREC Agency | European Renewable Energy Research Centres Agency |

Associate members:

- | | |
|-----------------|--|
| ✓ EU-OEA | European Ocean Energy Association |
| ✓ EBIO | European Bioethanol Industry Association |
| ✓ EREF | European Renewable Energy Federation |

Representation of European RES industry, trade & research



Where to find us: Renewable Energy House

- Headquarters for the European renewable energy sector in Europe's capital Brussels
- Renewable energy and energy efficiency showcase in a 120 year old monument protected building in the heart of Brussels
- 100 % heating & cooling supply from renewable energy sources
- 2.000 m² of modern office building hosting currently 60 staff from 20 countries
- More than 8.000 visitors in 1 year

Photo taken at inauguration on 22nd March 2006





The driving forces for Europe's energy policy

- **Security of supply** - independence from energy imports
- **Protection of environment** - including the necessity to reduce greenhouse gas emissions
- **Competitiveness**



THE KEY DRIVERS

3x20% by 2020

**20% by 2020
EFFICIENCY**

By 2020 20% EU GHG

By 2020 20% RENEWABLES

BIO-FUELS

**10 % 2020
binding**

E-ELECTRICITY

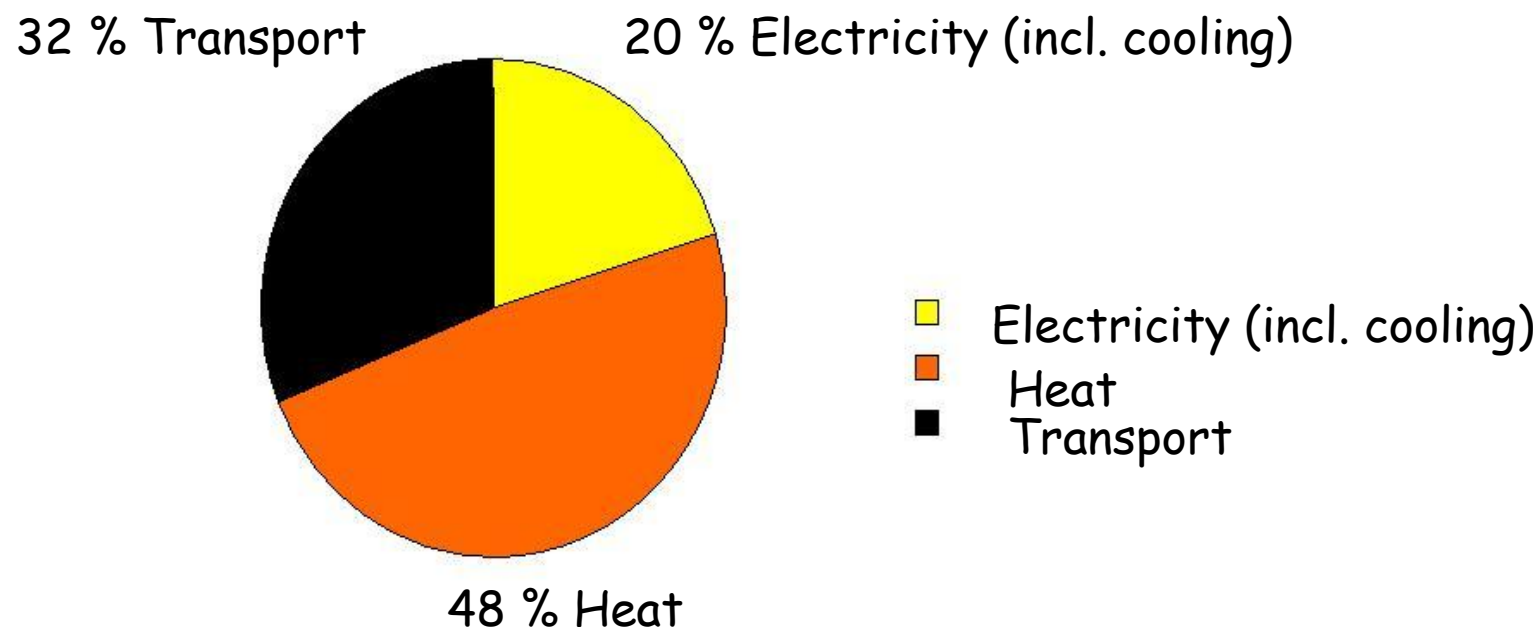
HEATING & COOLING

NATIONAL TARGETS and ACTION PLANS



The heating sector - a neglected giant

Final energy consumption by sector





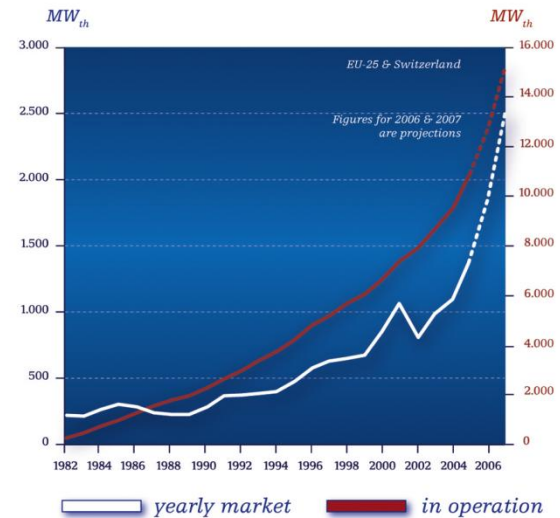
EU Renewable Energy industry

- ✓ Europe is global leader in RES development
- ✓ 300.000 jobs in Europe already now
- ✓ Annual turnover of 25 billion € already now
- ✓ Innovative Business Sector with a large share of SMEs
- ✓ Economic growth and regional development



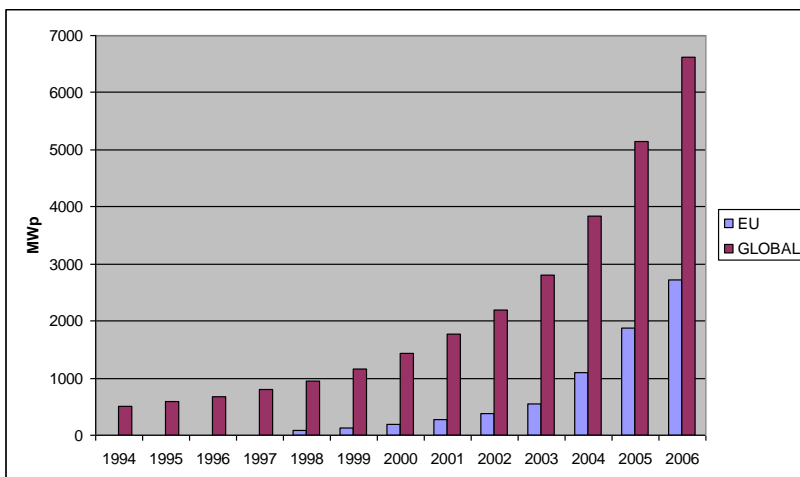
Renewable energy in Europe - a success story

Growth of solar thermal in Europe
(Yearly market and capacity in operation)

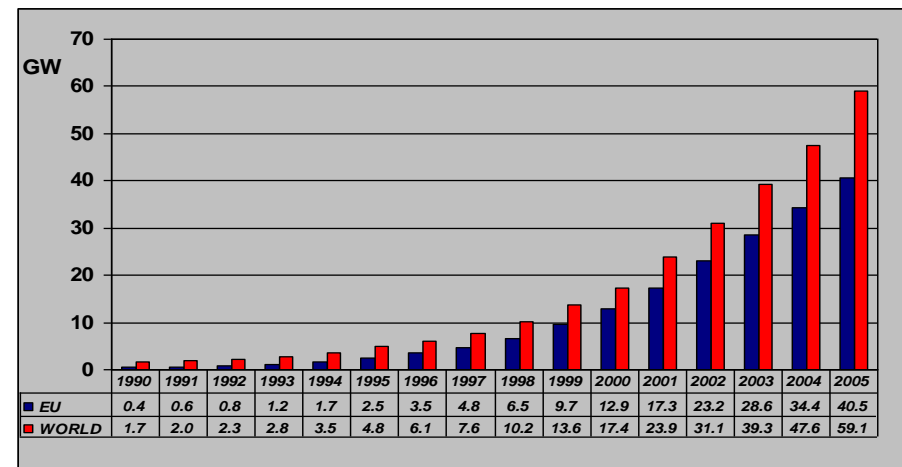


Solar thermal

PV



Wind





Trade & climate change - the best options

- Lower tariffs for climate-friendly goods & services (renewable energy & energy efficiency technologies)
- Government support
- Government procurement policies favouring green procurement



Further information

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www.erec.org

Thank you very much for your attention!