



EUROPEAN RENEWABLE
ENERGY COUNCIL



Tackling Global Warming – a business opportunity for Europe



Christine Lins

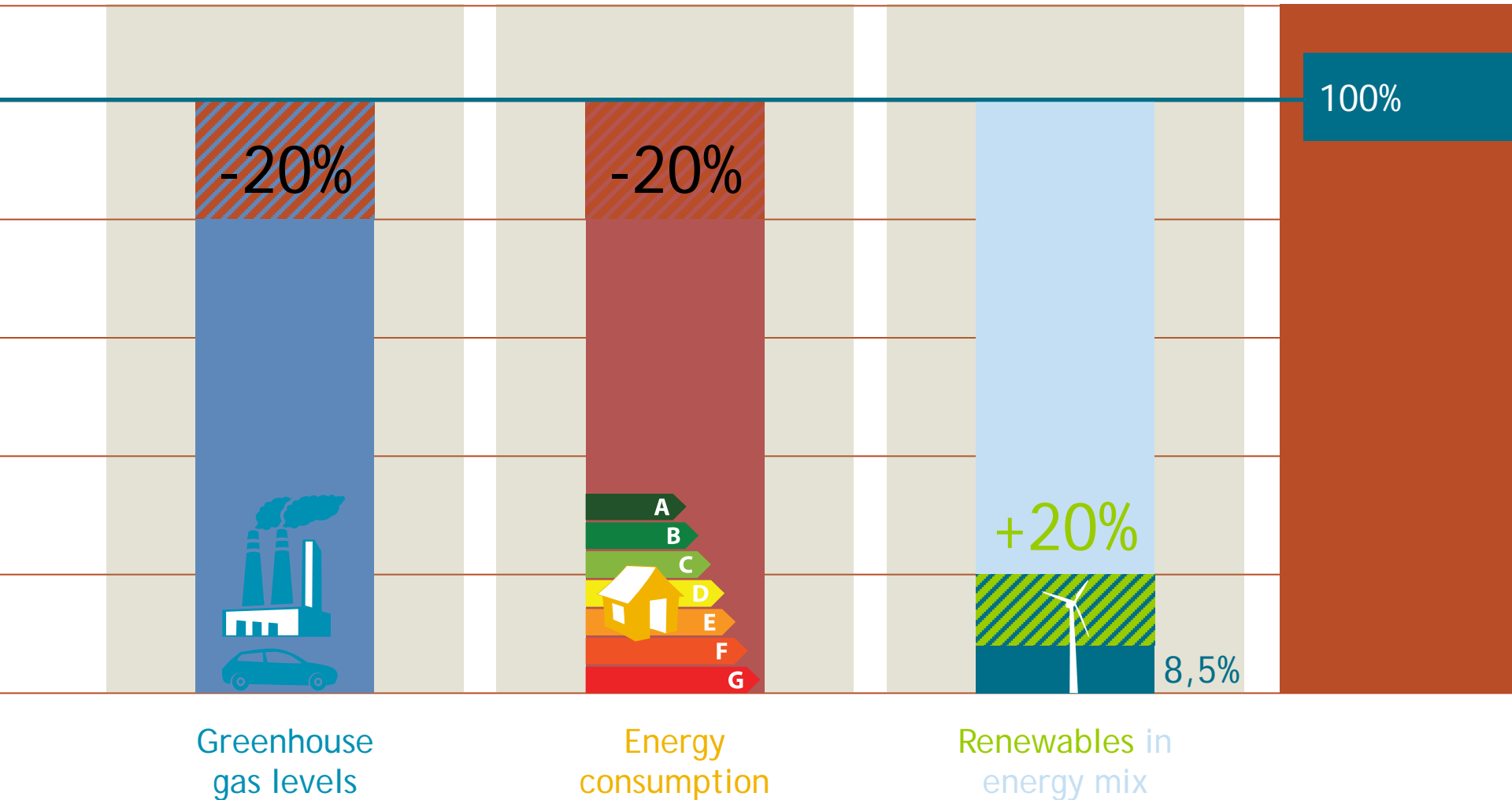
Secretary General of EREC

Brussels Economic Forum
25th May 2010

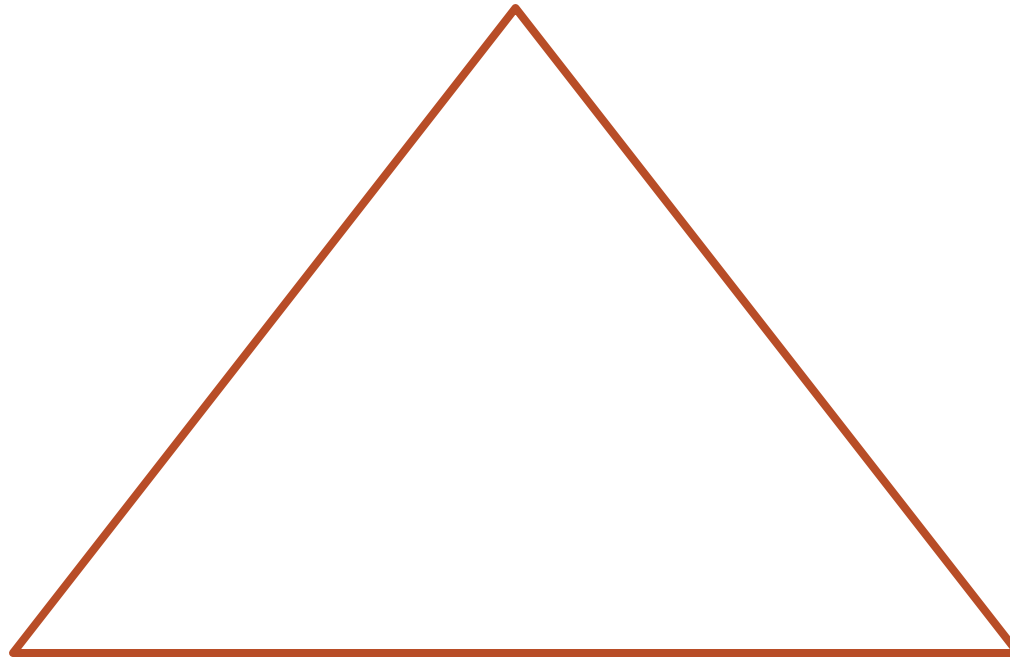
EREC Member Associations

- AEBIOM European Biomass Association
- EGEC European Geothermal Energy Council
- EPIA European Photovoltaic Industry Association
- EREF European Renewable Energies Federation
- ESHA European Small Hydropower Association
- ESTELA European Solar Thermal Electricity Association
- ESTIF European Solar Thermal Industry Federation
- EUBIA European Biomass Industry Association
- EU-OEA European Ocean Energy Association
- EUREC European Association of Renewable Energy Research Centres
- EWEA European Wind Energy Association

The 20-20-20 EU policy by 2020



Security of energy supply



Environmental concerns

Competitiveness

Renewable Energy Market

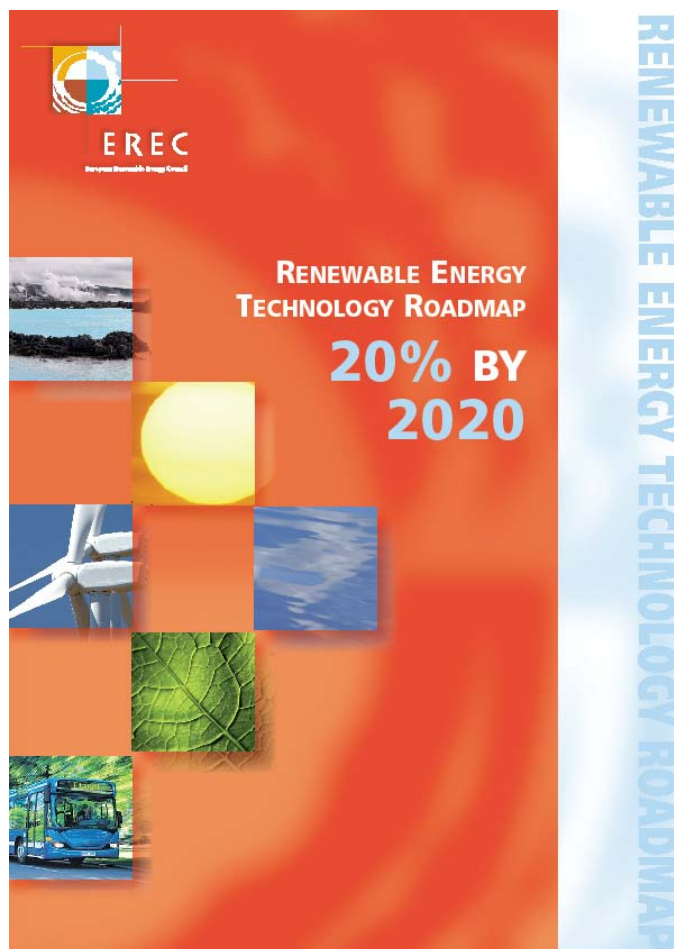
RES Market Overview (2004-2010)

| | 2004 | 2006 | 2008 | 2010 |
|----------------|---------|---------|---------|---------|
| Jobs | 200,000 | 300,000 | 400,000 | 550,000 |
| Turnover (€bn) | 10 | 15 | 35 | 70 |
| RES share (%) | 8.2 | 9.2 | 10.5 | 12 |

Source: EREC

2009: Energy & Climate Package: 3 x 20 %

From 8.5 % renewable energy to at least 20 % by 2020



Renewable Energy Technology Roadmap

20 % by 2020

33-40 % RES –electricity

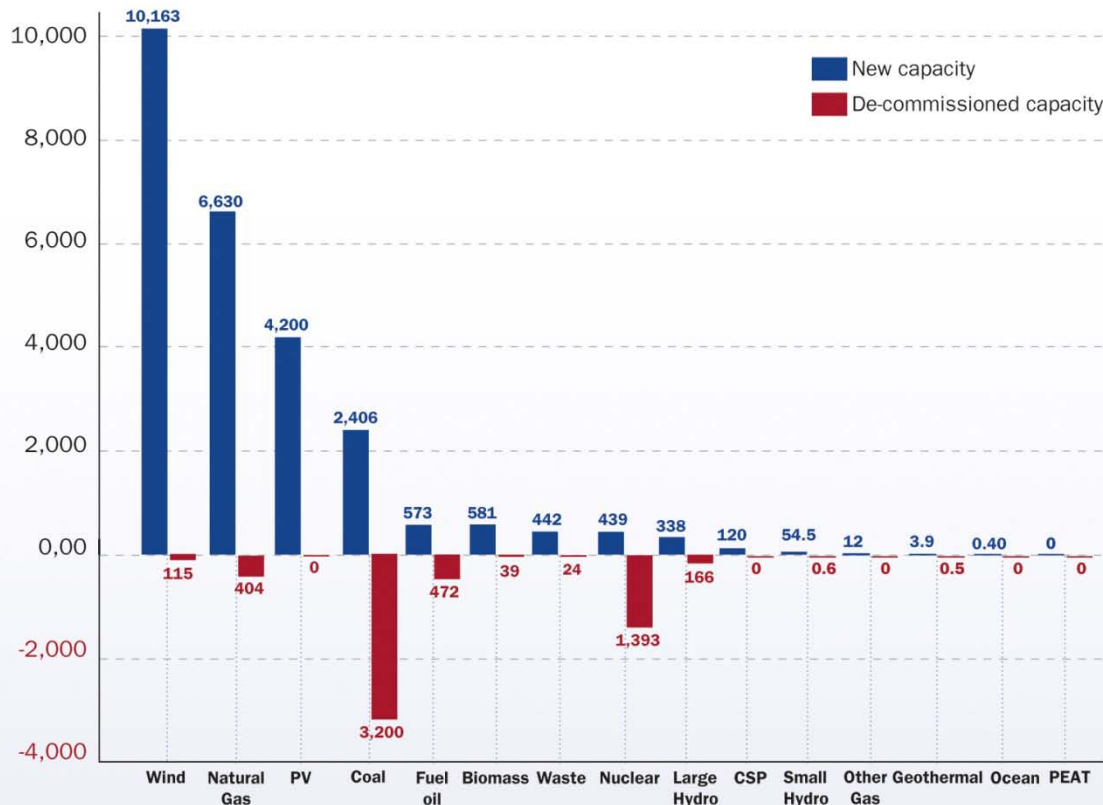
25 % RES heating & cooling

10 % biofuels

New Power Capacity installed in 2009

NEW INSTALLED CAPACITY AND DE-COMMISSIONED CAPACITY IN EU 2009

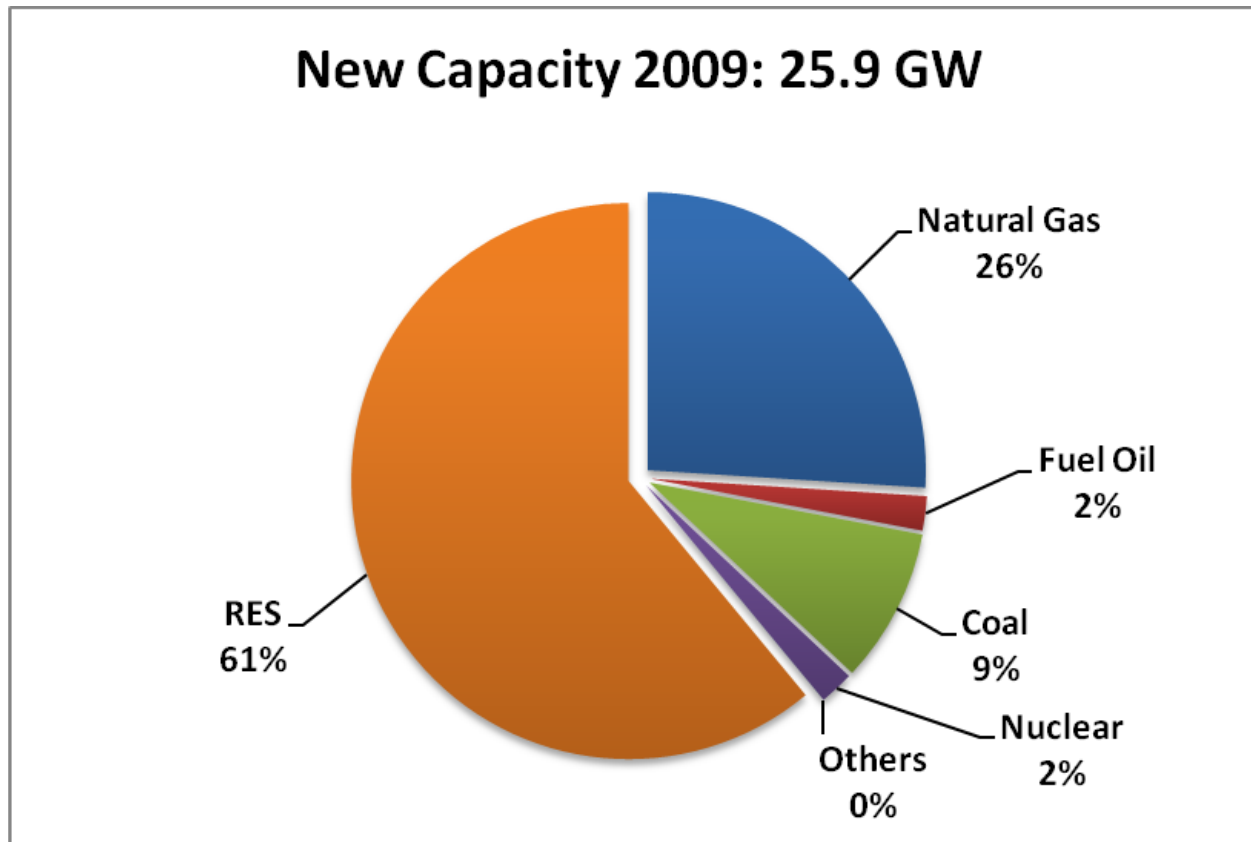
FIGURE 1.2



Source: EWEA, EPIA, ESTELA, EI-OEA, and Platts Powervision

New electricity capacity installed in 2009

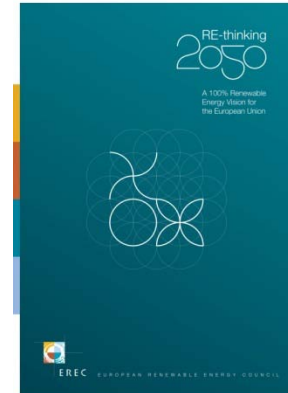
(%)



Source: EWEA, EPIA, ESTELA, EU-OEA, and Platts Powervision

What is further needed?

- ❑ Full implementation of Renewable Energy Directive
- ❑ Ambitious European New Energy Policy horizon 2050
- ❑ Industry initiatives for all renewable energy sectors (in addition to solar & wind that will be launched next week; especially for renewable energy heating & cooling technologies)
- ❑ Eco-industries competitiveness initiative (promotion of „Made in EU“)
- ❑ Use of EEPR (European Energy Programme for Recovery) unspent funds for energy efficiency & renewable energy projects
- ❑ Strong role of renewable energy demonstration projects in upcoming NER300 call





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