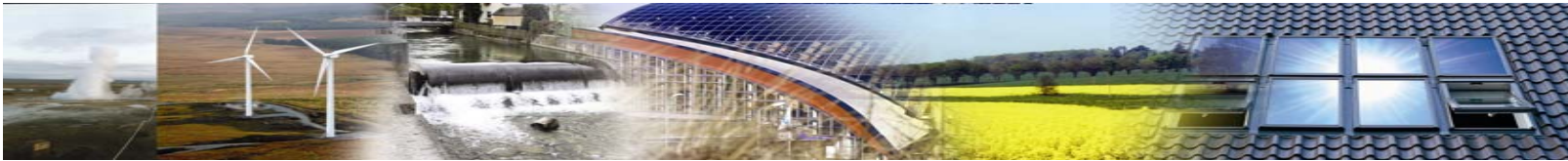


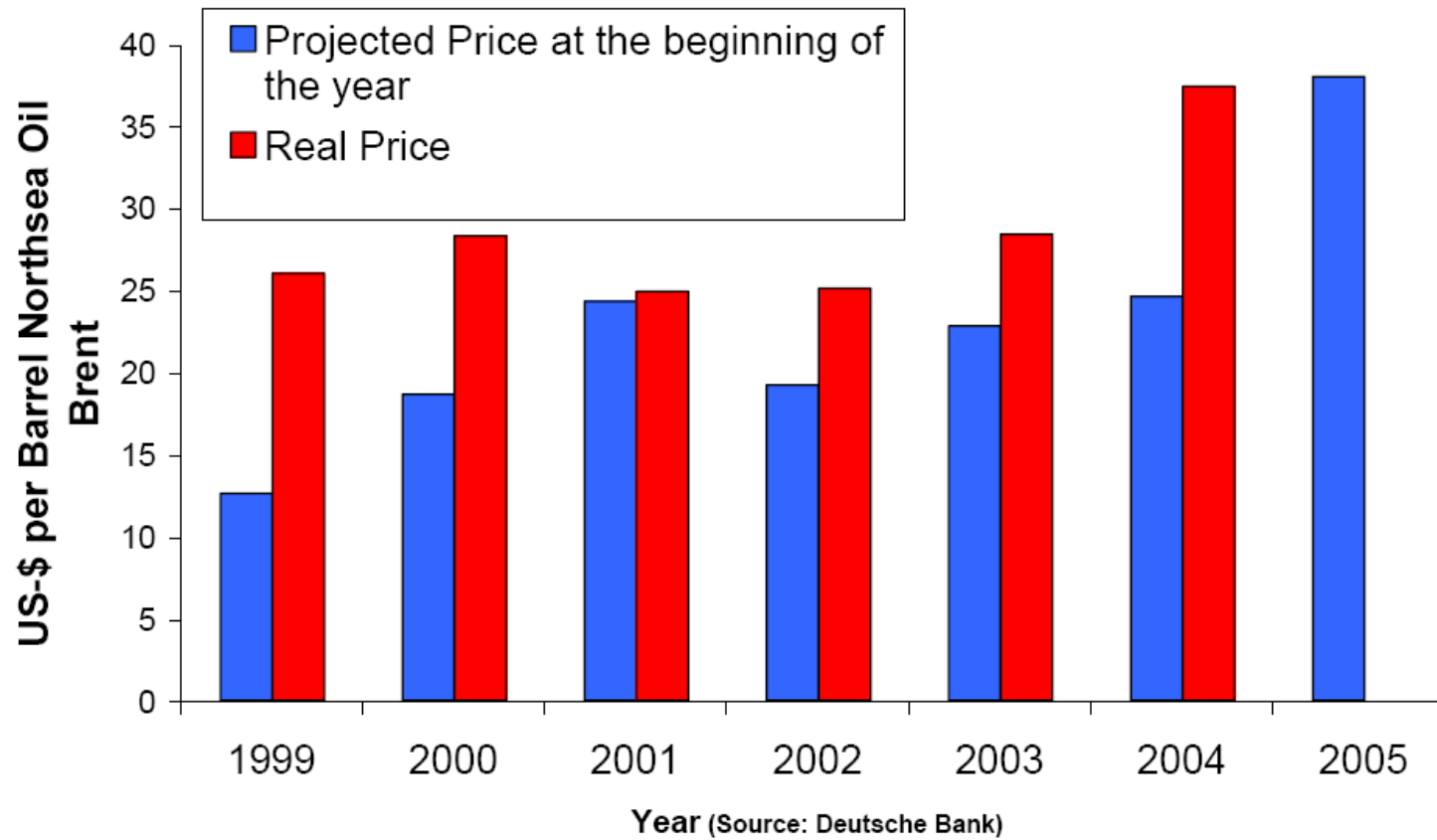
A joint declaration by the European renewable energy sector to urge for a directive on heating and cooling from renewable energy sources

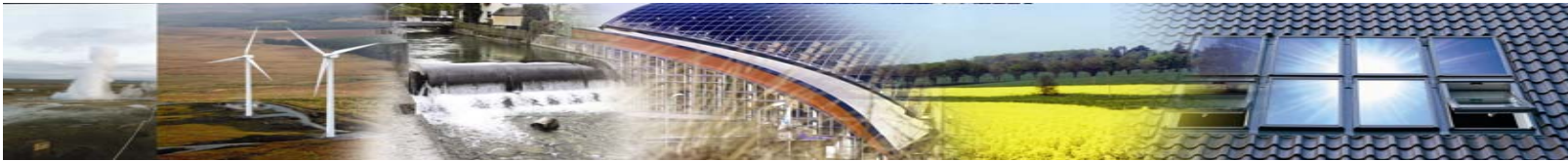
**Christine Lins, Secretary General
European Renewable Energy Council - EREC**

Biomass Conference
Paris, 21.10.05



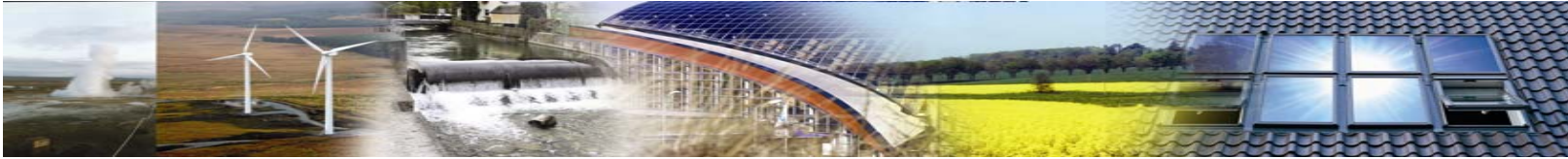
Projected and Real Price for Oil





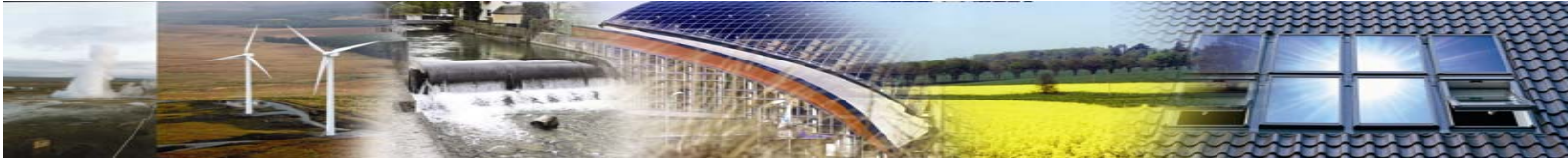
Joint Declaration

Initiated by EREC
and its members

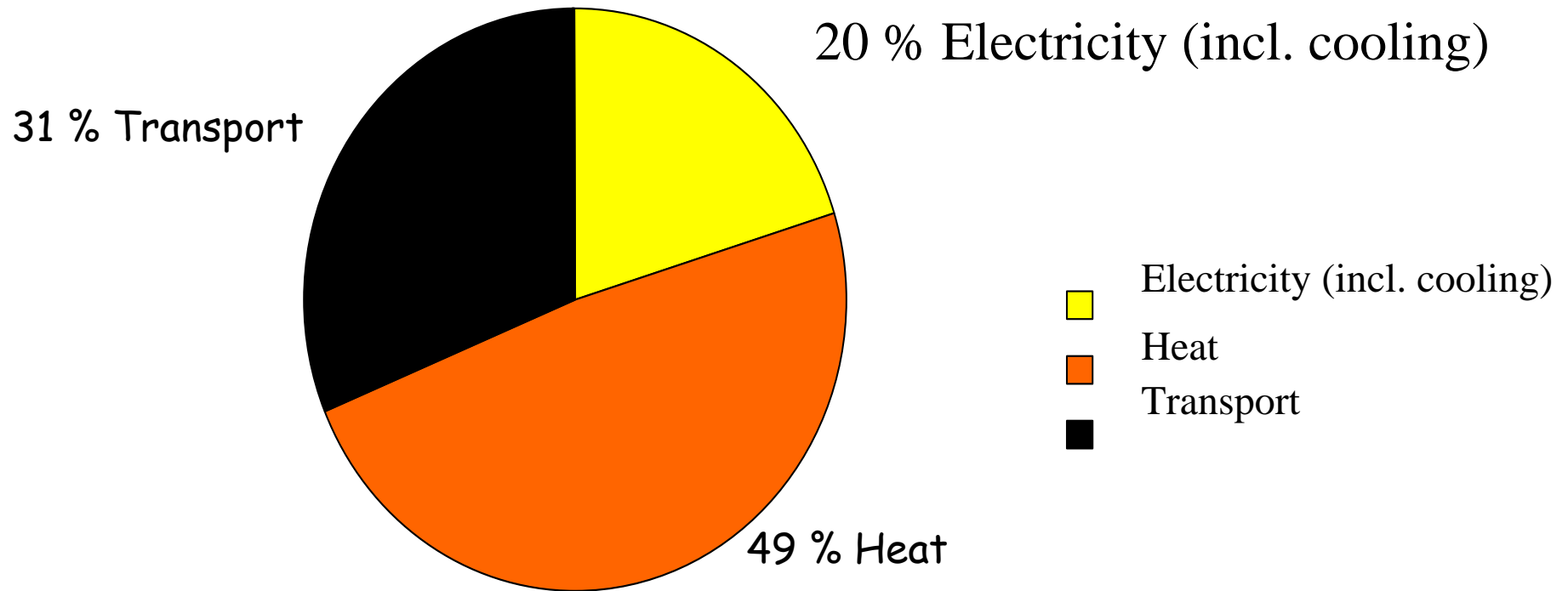


RES Heating and Cooling

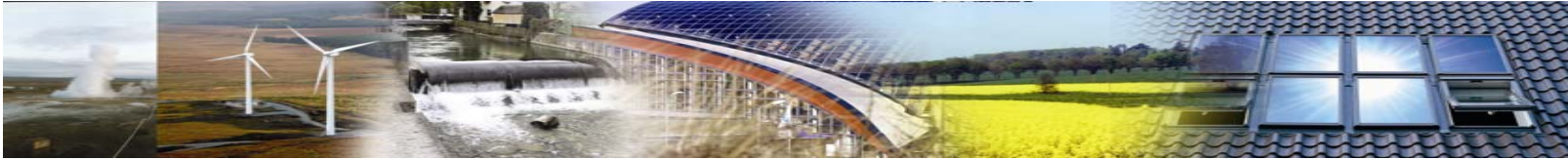
The neglected giant



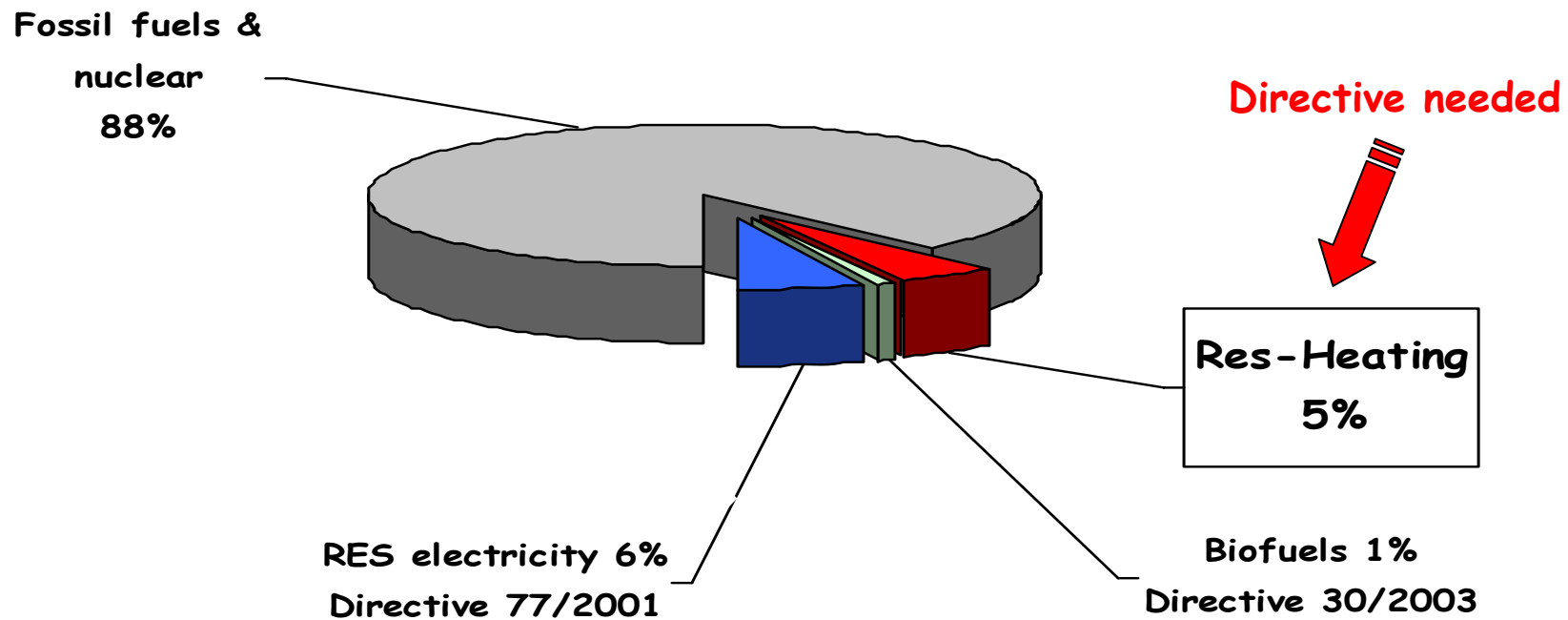
Final Energy Consumption by Sector EU-25

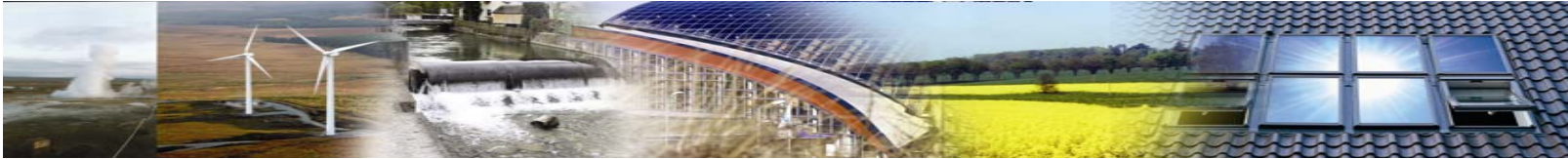


Source: Eurostat figures elaborated by EREC



Decisive role of RES-H to reach the EU 12 % target



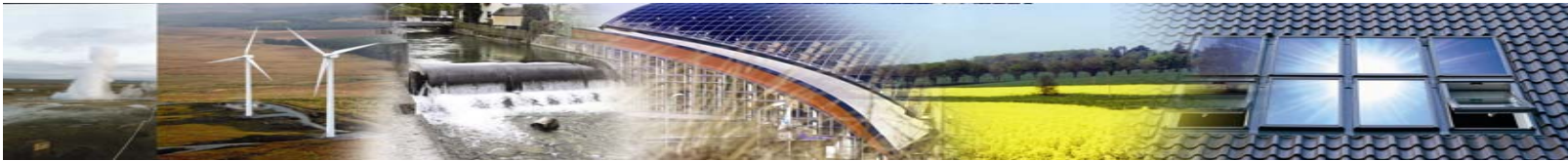


Why Action at EU Level?

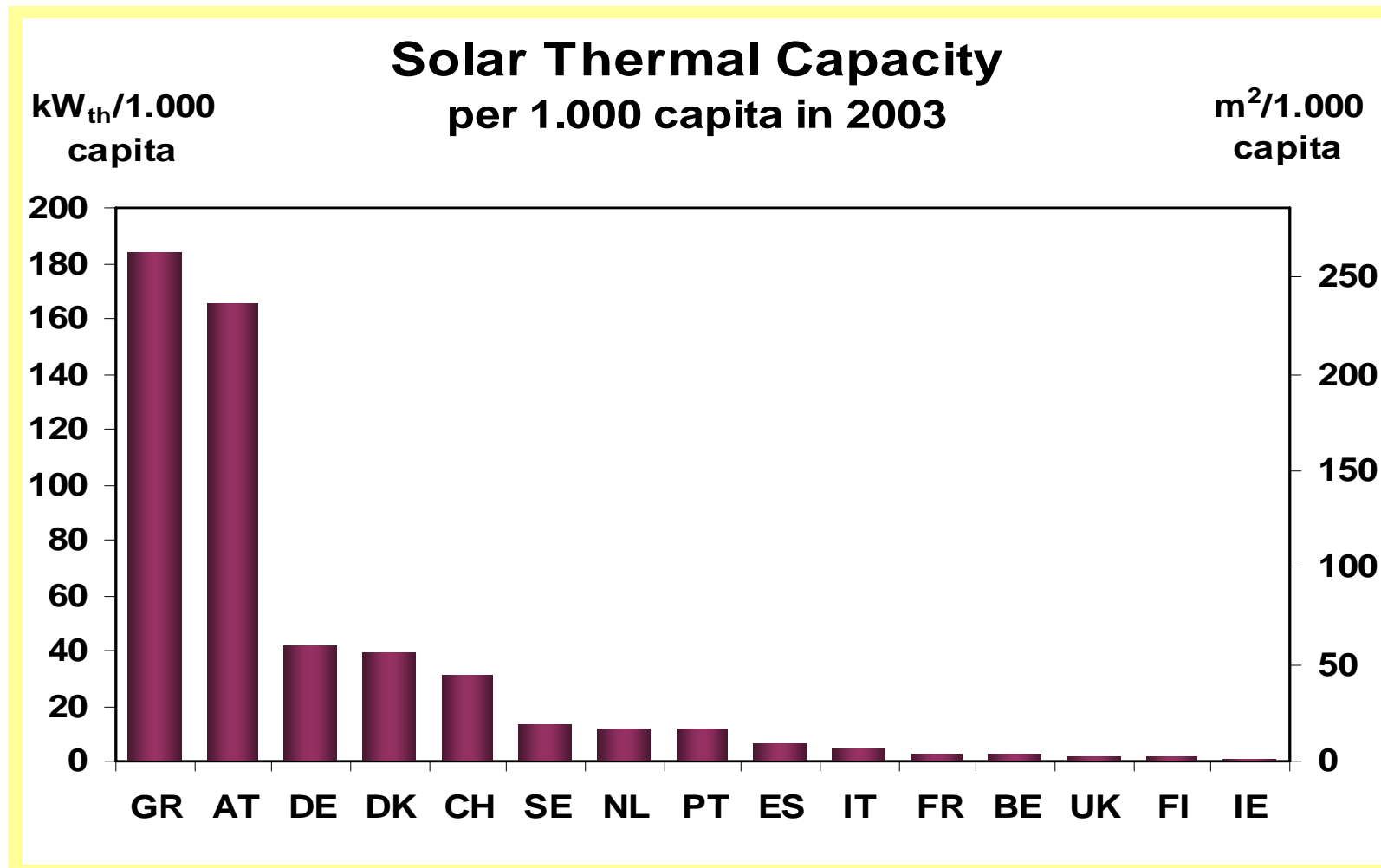
- Needed to reach EU renewables targets
- Missing element in the EU regulatory framework:

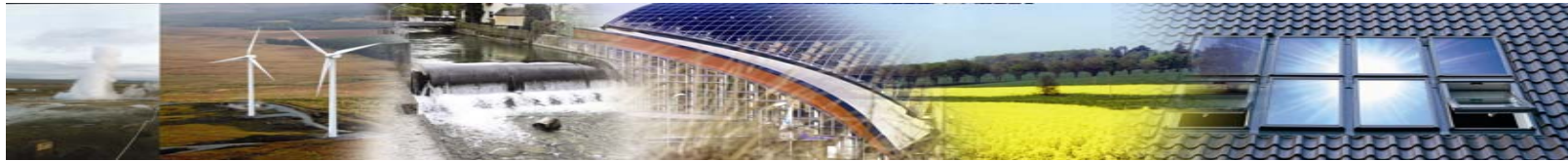
RES-E, Biofuels.....RES-H

- Buildings Directive: too unspecific, too slow
- Uneven growth among EU-Member States



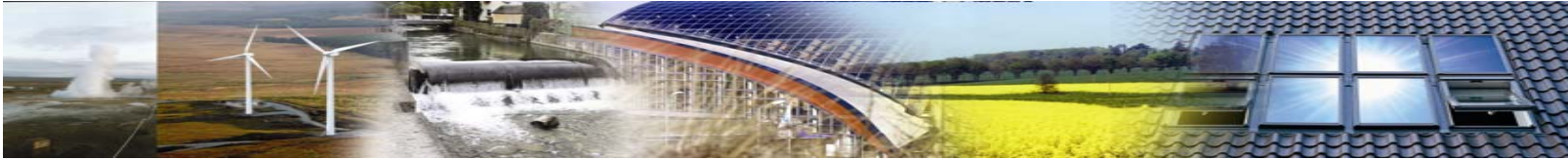
Uneven Growth



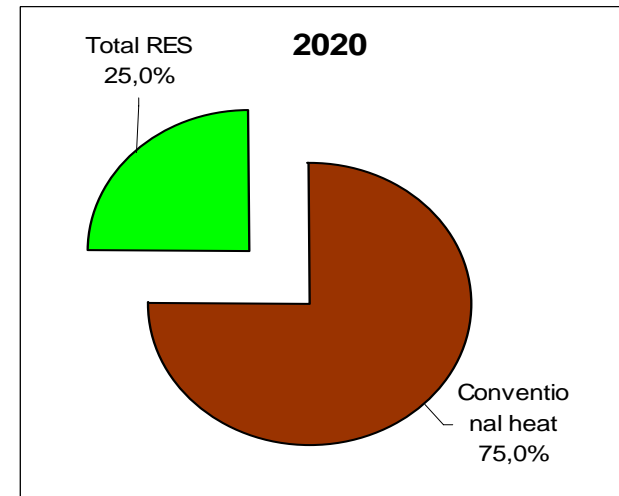
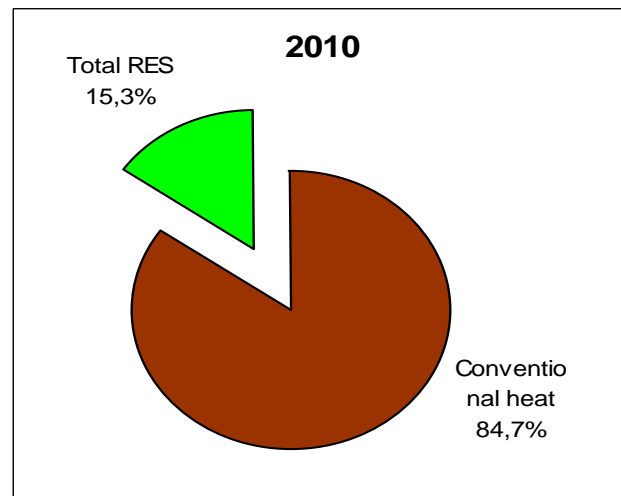
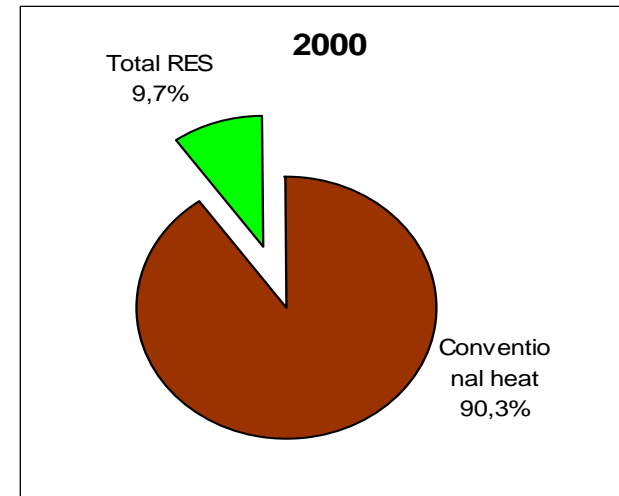
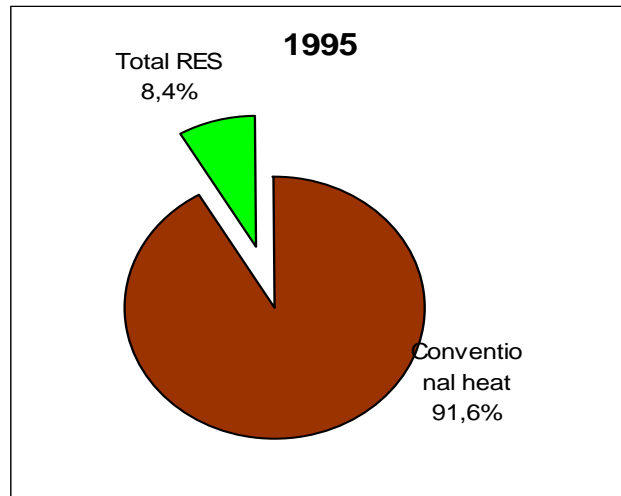


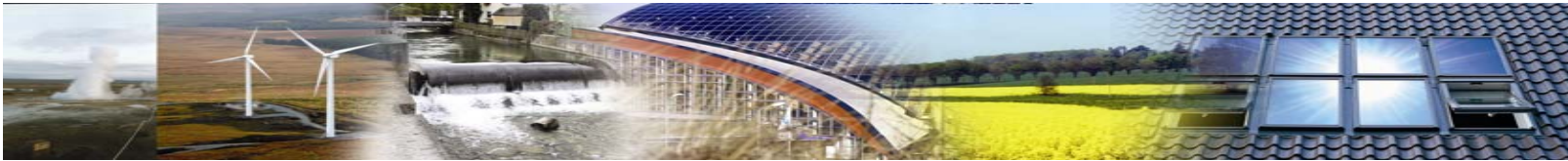
Contribution of Renewables to Heat Production (1995-2020)

	1995 Eurostat Mtoe	2000 Eurostat Mtoe	2010 Projections Mtoe	2020 Projections Mtoe
Biomass	37	42.9	70	100
Solar thermal	0.24	0.38	3	24
Geothermal	0.56	0.66	2	4
TOTAL RES HEAT	37.8	44.1	75	128
Total Heat Generation (Trends to 2030)	450.1	454.4	491.1	511.6
Share of RES	8.4%	9.7%	15.3%	25.0%



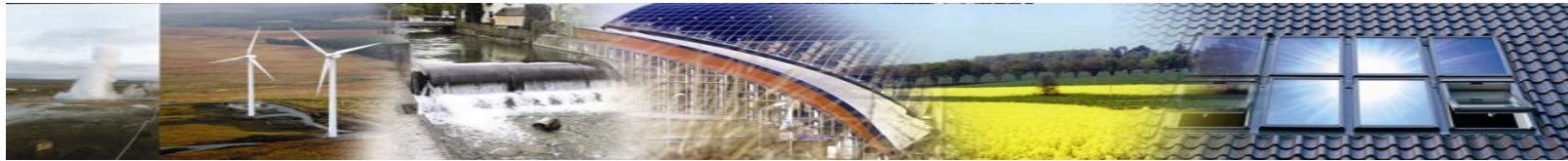
Contribution of Renewable Energy to Heat Production (1995-2020)





Elements for a RES-H Directive

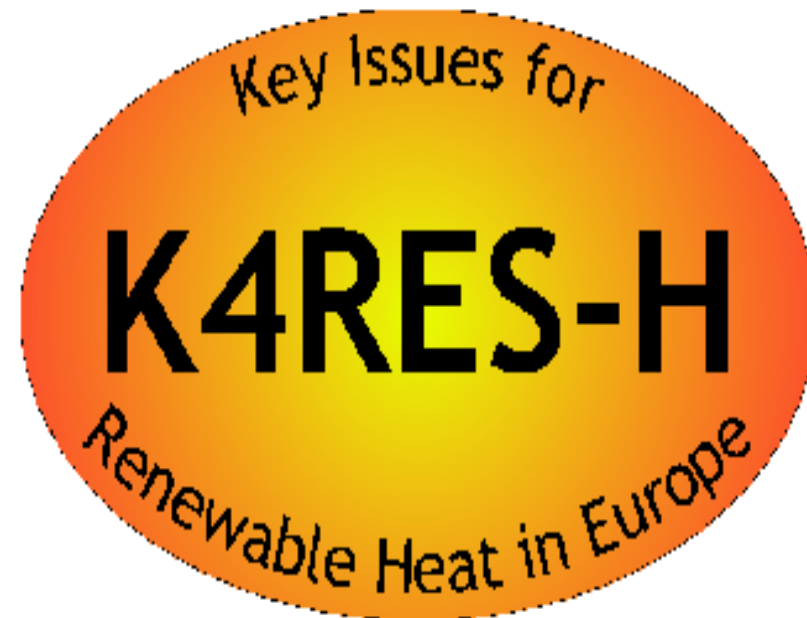
- **Clear purpose: increase RES-heat use**
- **EU & National targets similar to RES-E**
- **Framework for successful support schemes**
- **Establishment of reliable statistics**
- **Removal of administrative barriers**
- **Reporting obligations for Member States**
- **Monitoring of progress**

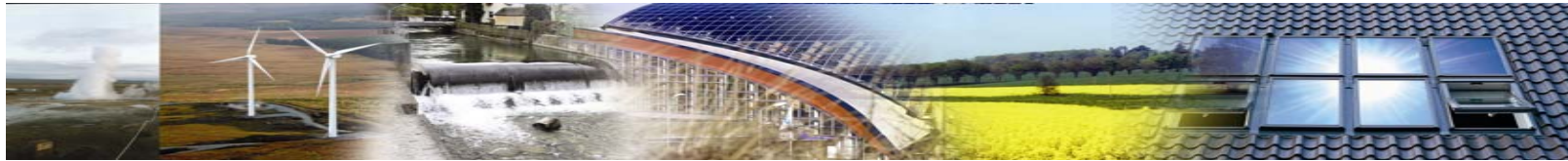


K4RES-H Project

5 Key Issues for RES-H:

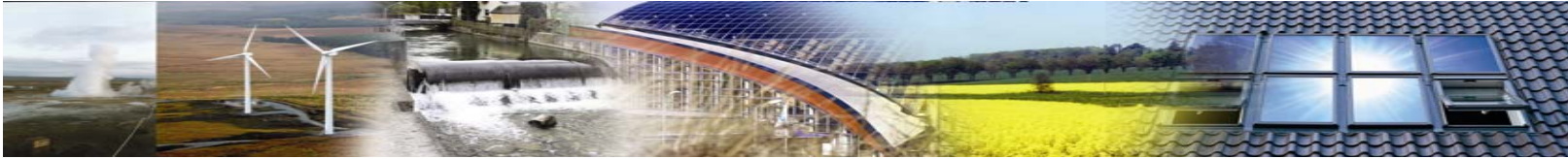
1. Verifiable Targets for RES-H: Market monitoring, statistics and methods for target setting
2. Quantifying the energy delivery of individual RES-H installations: Methods for measurement and calculation
3. Regulations: Best practice to promote RES-H, identification of regulations hampering RES-H usage
4. Financial Incentives: Best practice to promote RES-H
5. Innovative RES-H applications: Issues specific to upcoming RES-H technologies





Further steps

- Launch of joint declaration April 05
- Additional supporters on-going
- Adoption of Turmes report asking for action on RES-H 29.9.05
- Initiative report on RES-H by Mechtild Rothe Nov. 05
- Dinner debate on RES-H in European Parliament Brussels 6.12.05



Thanks for your attention!

For further information visit

www.erec-renewables.org

or send email to

lins@erec-renewables.org