

# EU Sustainable Energy Week 2008

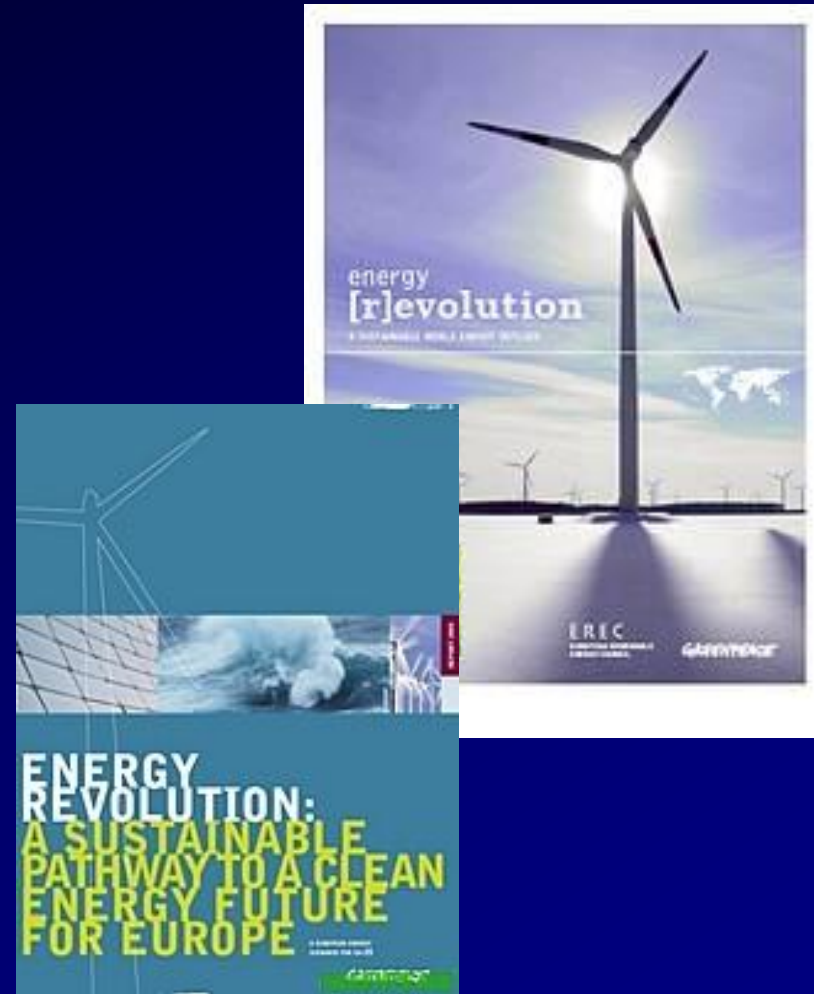
## Renewable Energy Policy Workshop Renewable Energies in the Heating and Cooling Sector

Frauke Thies, EU Energy Policy  
Campaigner

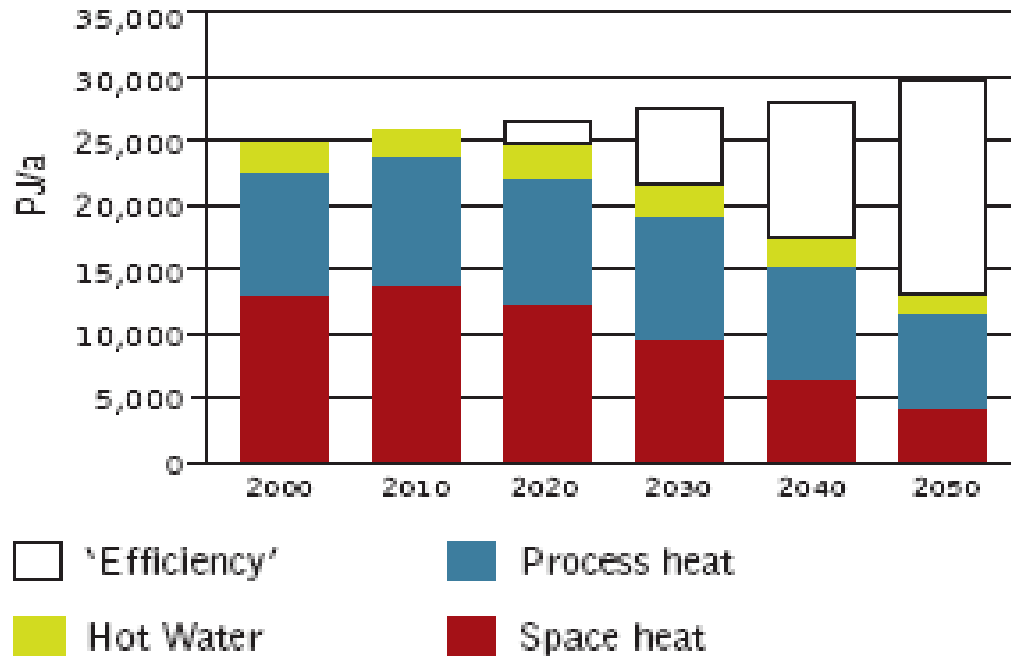
Greenpeace European Unit



The heating and cooling sector must be a central part of the necessary energy revolution

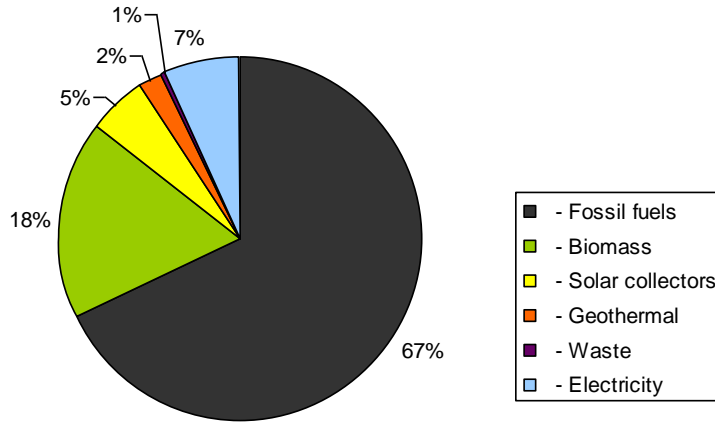


**FIGURE 12: DEVELOPMENT OF FINAL ENERGY DEMAND FOR HEAT SUPPLY ('EFFICIENCY'=REDUCTION COMPARED TO REFERENCE SCENARIO)**



Energy demand for heating can be halved until 2050

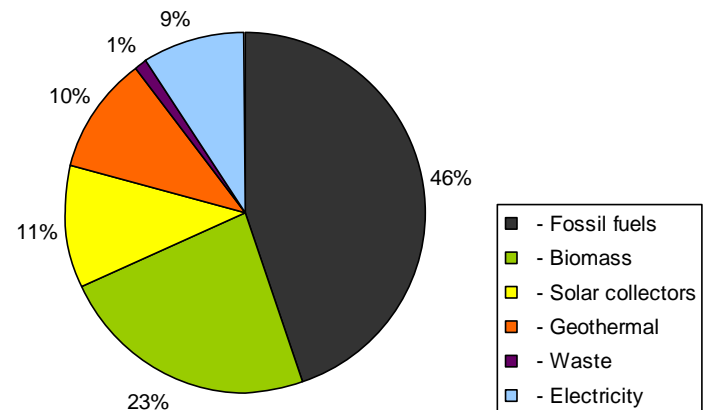
Total heat supply 2020



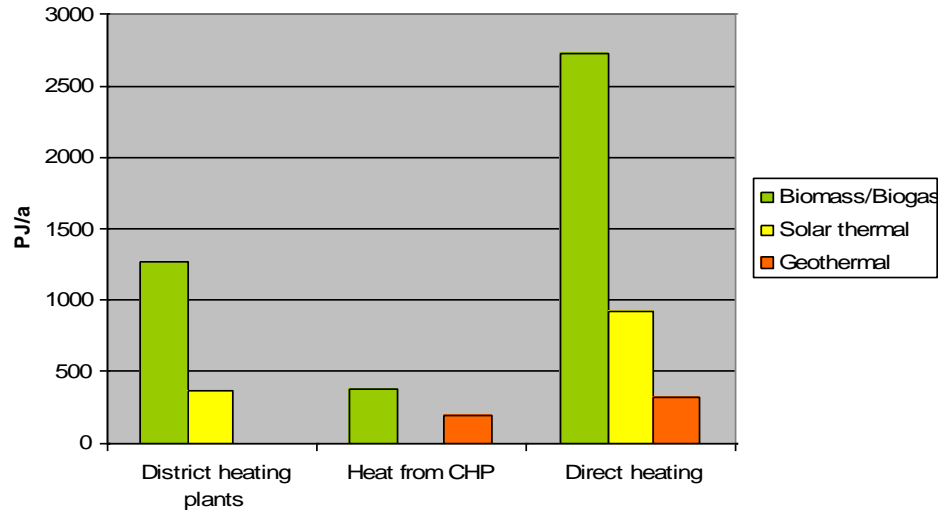
By 2020, more than 1/4 of EU heating & cooling could come from renewable energy sources

By 2050, more than half of EU heating & cooling could come from renewable energy sources

Total heat supply 2050



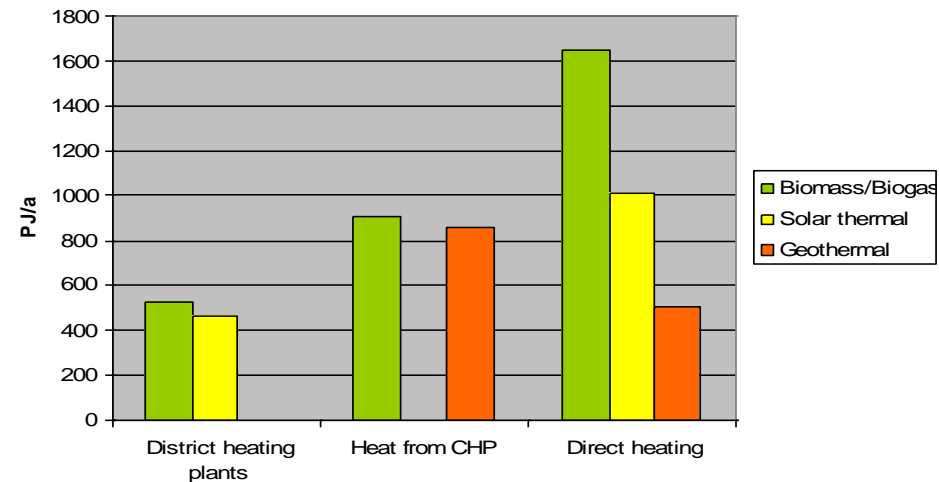
Renewables 2020



The lack of district heating networks is a structural barrier to the large scale utilisation of geothermal and solar thermal energy

The increased use of combined heat and power generation improves the energy conversion efficiency

Renewables 2050



**Regulation** - Renewable heating & cooling in buildings codes

**Financial incentives** - Investment support and tax incentives

**Guidance and information** - Training, Technology Procurement, Information campaigns





Contact: [frauке.thies@greenpeace.org](mailto:frauке.thies@greenpeace.org)

Greenpeace/EREC Energy [r]evolution scenario:  
[www.energyblueprint.info](http://www.energyblueprint.info)