



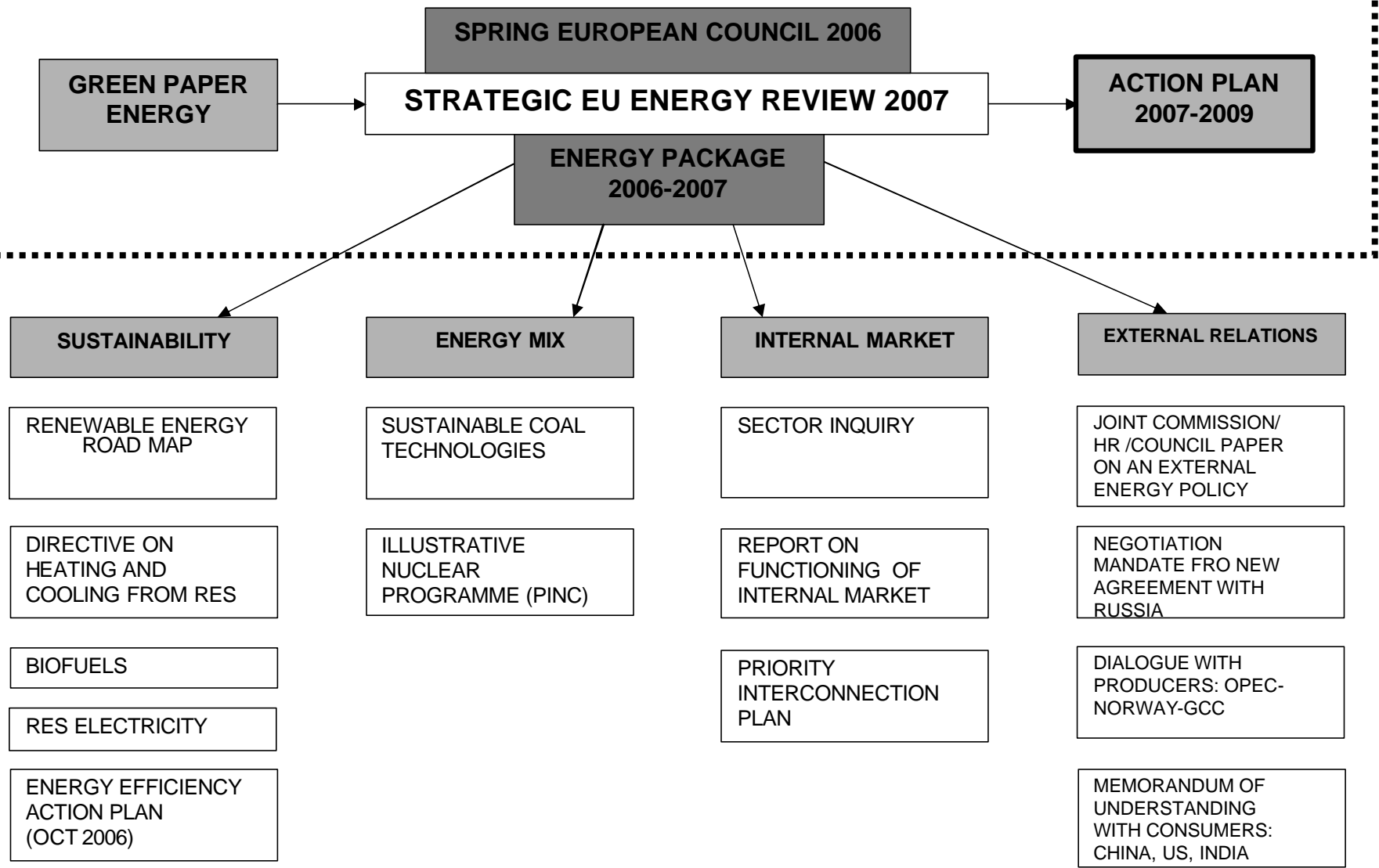
On the way to a renewable heating and cooling directive

“European Bioenergy Business Forum”

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TOWARDS AN ENERGY POLICY FOR EUROPE



THE R&D 7TH FRAMEWORK PROGRAMME —————> **STRATEGIC ENERGY TECHNOLOGY PLAN (2007)**



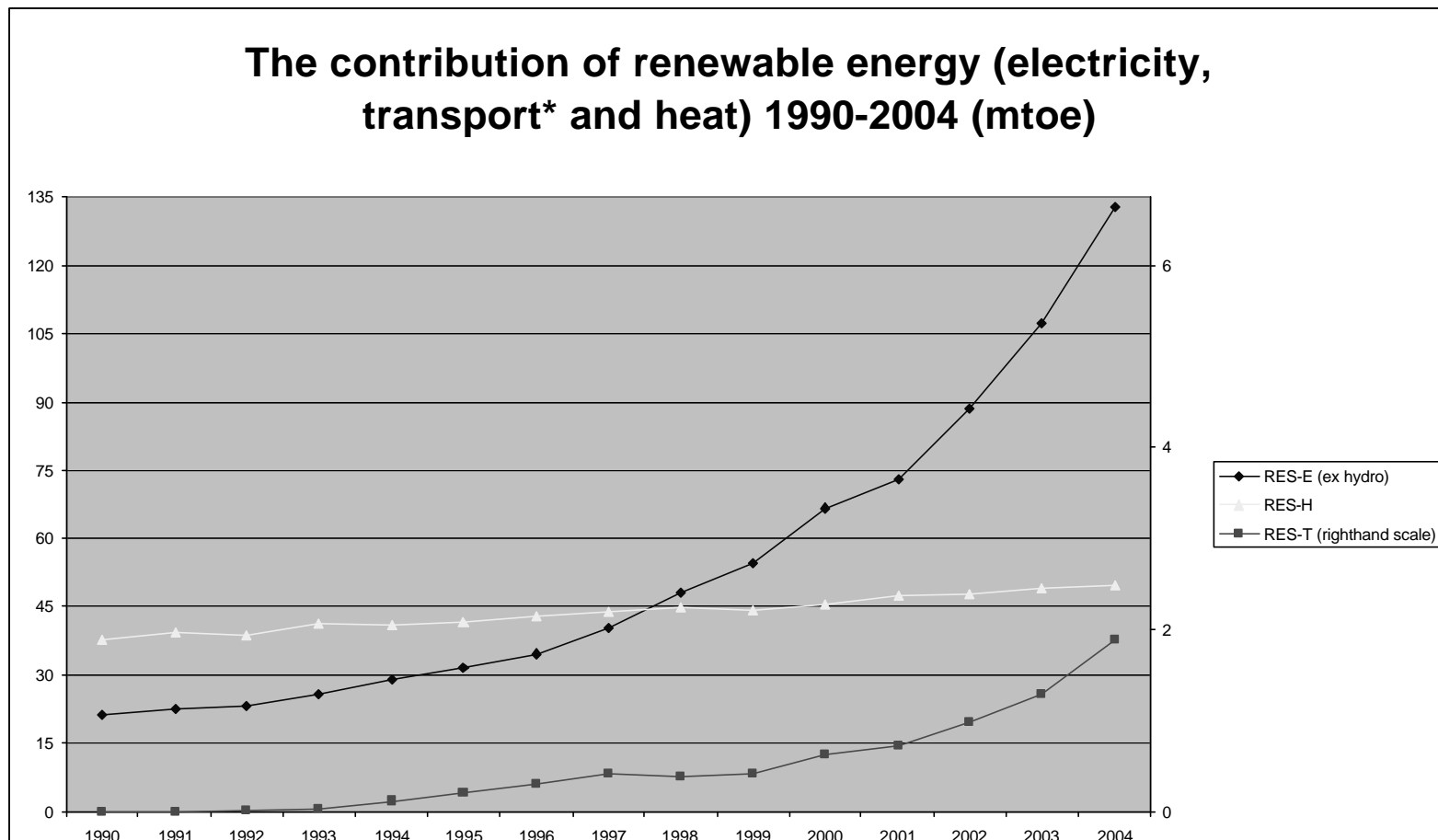
Why heating and cooling?

- Neglected so far
 - Unlike electricity and biofuels,
 - disparate sources and technologies
 - But there's a clear potential and need
 - 49 Mtoe: 8.4% of total heat consumption in 2004
 - Dominated by biomass (>50% of which is household heat)
 - 2020 potential could be 133 Mtoe for the EU27



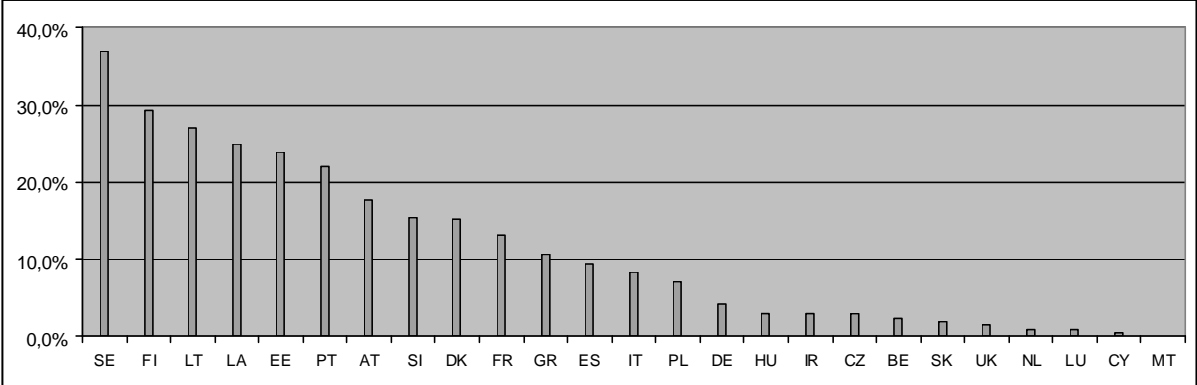
The European Framework

- A clear, supportive European framework (Directives 2001/77, 2003/30) helps:

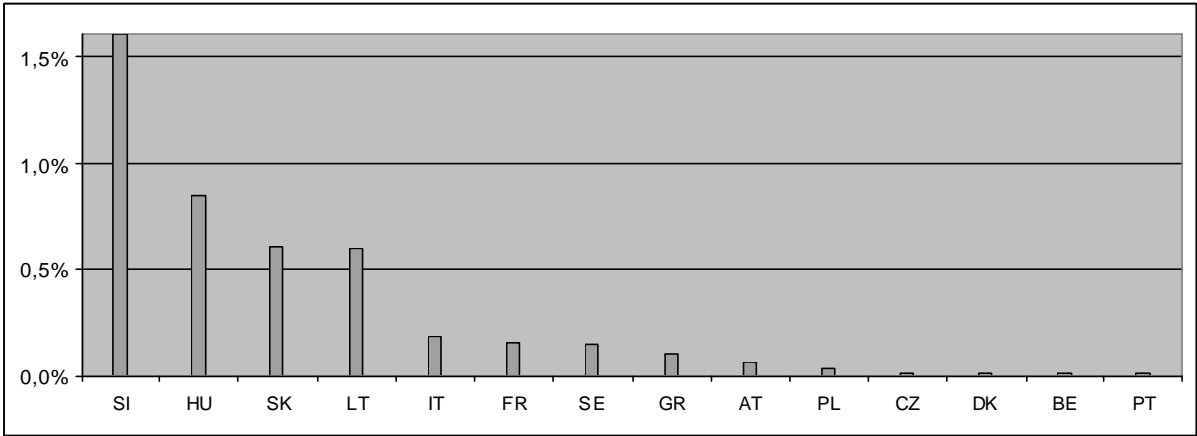




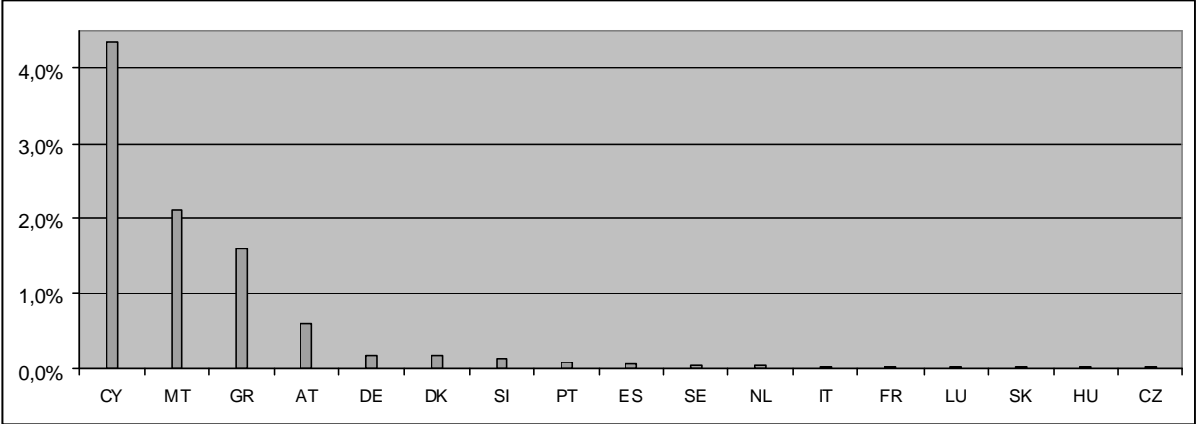
Biomass share of heating in MS



Geothermal share of heating in MS



Solar thermal share of heating in MS





What next?

- How can we realise the potential ?
 - What are the barriers?
 - What measures are appropriate and at what level? (EU, national, regional...)
 - A common legal framework ?
 - Targets ?
 - obligations to assess potential, road map, metering ..
 - Best practice diffusion/benchmarking
- Gathering information...
 - Results of public consultation online later this week:
http://ec.europa.eu/energy/res/consultation/heating_cooling_en.htm



Conclusion

- Renewable heating and cooling energy sources can play a very significant role in boosting the renewables share of EU energy.
- Currently reflecting on the EU measures necessary
 - Sensitive to national and regional differences and different energy types
- Current consultations and analysis will result in a proposal by the beginning of next year.