

renewable energy policy workshop

Brussels 30 January 2008

- Roundtable 1:
- Renewable Energies in the Heating&Cooling Sector
- Heinz Kopetz, AEBIOM



AEBIOM

Association Européenne pour la BIOMasse,
European Biomass Association

AEBIOM is a not profit making group of national and regional biomass associations and of companies doing business in bioenergy.

AEBIOM aims to promote biomass to energy production In the field of heat, electricity, biogas and biofuels in Europe.

Biomass is stored solar energy. Therefore its main use should be for heat, combined heat and power (CHP) and biofuels, not for cooling.



Biomass for heat:
Firewood, woodchips, pellets
Single house systems,
Industrial applications
District heating



Heat market: almost 50% of final energy (more than 500Mtoe)

CO₂: heat sector offers the biggest potential for CO₂ reduction

- Europe needs a new structure for the heat supply based on

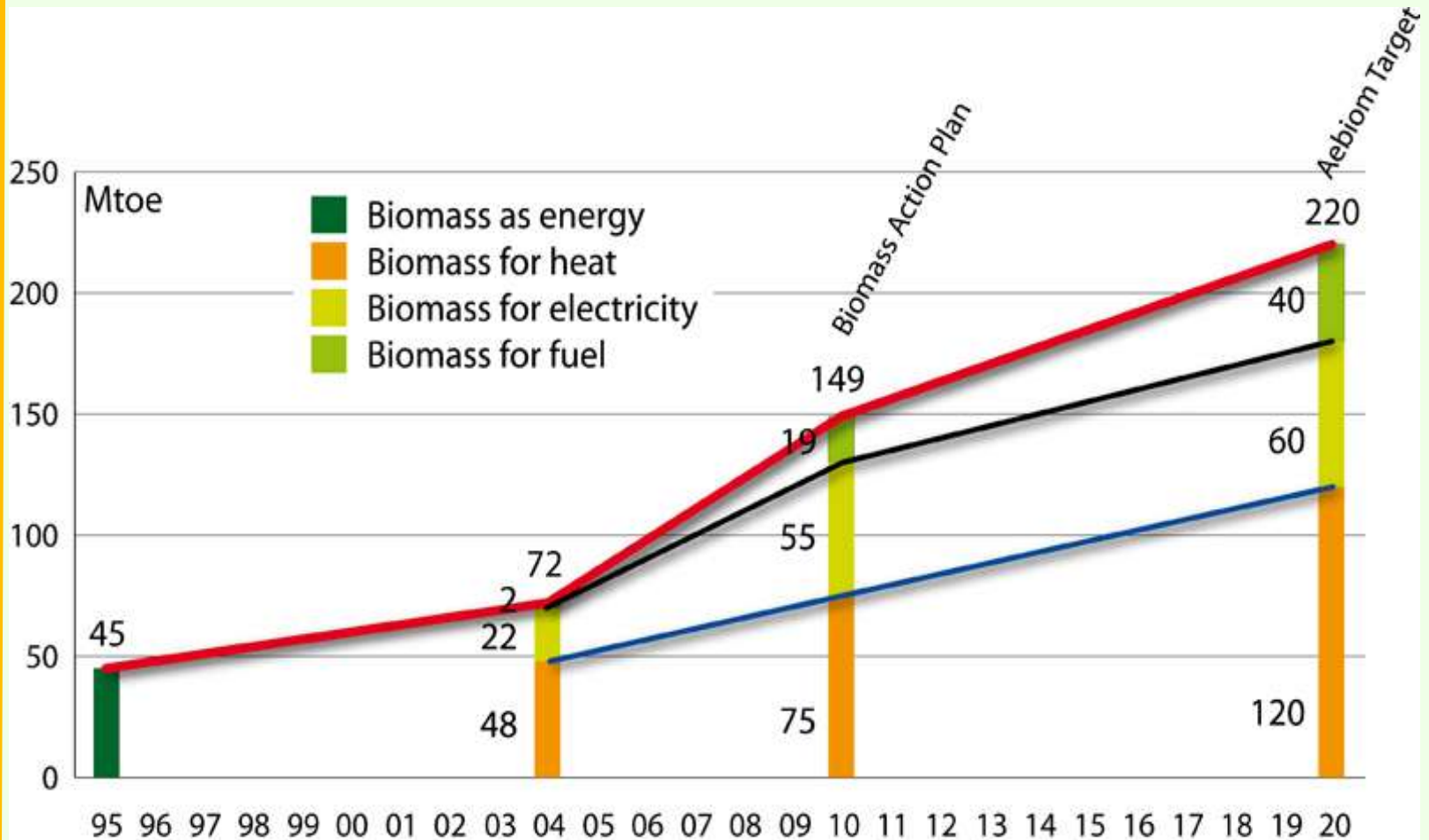
- 1) reduced heat demand by better isolation
 - 2) Better use of derived heat from power generation – new DH networks
 - 3) Increased use of RES heat – minimum 25% of heat demand
 - 4) Less heat from electricity, gas, coal and
- Without such a new structure of the heat supply, the targets of the council cannot be reached.

Biomass for heat and the Directive

- + heat one important part of the directive
- + specific regulations for the the heating sector (12,13)
- + mobilisation of biomass resources (4)
- - guarantees of origin for heat from RES not necessary
- - double counting of biofuels from ligno-cellulosic material will lead to a market distortion (18)
- proposal: more detailed recommendations concerning the heating sector in the National action plans like targets and measures for biomass in single house heating, district heating, new district heating grids, minimum efficiency for CHP, measures to improve the supply of biomass.

Bioenergy: Targets for heat, electricity and fuels, 2020

share of biomass from 4.1% in 2004 to 12 – 14% in 2020!





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Danke für die Aufmerksamkeit!

Thank you for the attention!