Renewable Heating & Cooling

INFORSE-Europe
Proposals

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http://www.inforse.org/europe/seminar07_BXL.htm
Simple, inefficient heat and power supply (example EU-15, year 2000)

Primary energy sources for heating

Primary energy for electricity + CHP

Thermal Power & CHP plants (fossil, RES, nucl.)

Loss

Heating 19 EJ

Electricity from thermal power 7 EJ

CHP Heat

Electrical Heating

Electricity
INFORSE Vision

EU15 Heat sources - INFORSE Vision

- Oil
- Coal
- Gas
- DH
- Solar+geo
- Biomass

2000:
- Oil: 8%
- Coal: 35%
- Gas: 49%

2050:
- Oil: 8%
- Coal: 35%
- Gas: 49%
INFORSE Proposals for Action

- Agree with ESTIF-lead initiative, targets
- Barriers, incl. legal barriers to change from fossil to RE-heat must be removed
- New/renovated houses must be heated with renewables when cost-effective (like Barcelona solar ordinance)
- Public information on heat efficiency + RE
- District heating operators should purchase RE-heat from CHP + solar
- Public sector should use RE-heat
Thank you

More information:

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