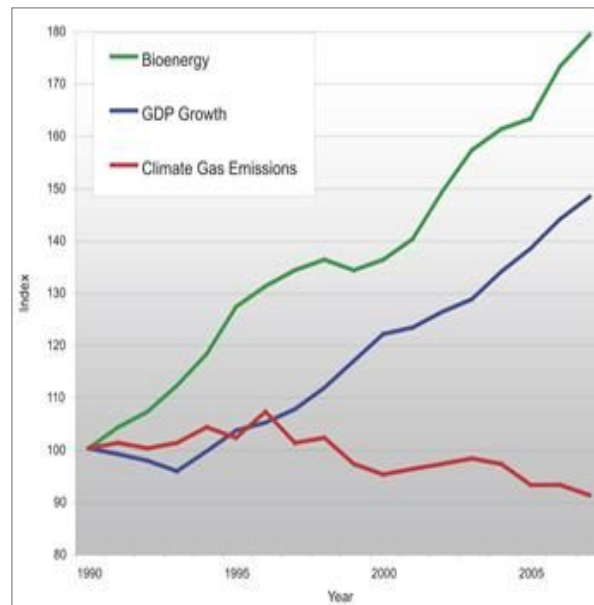
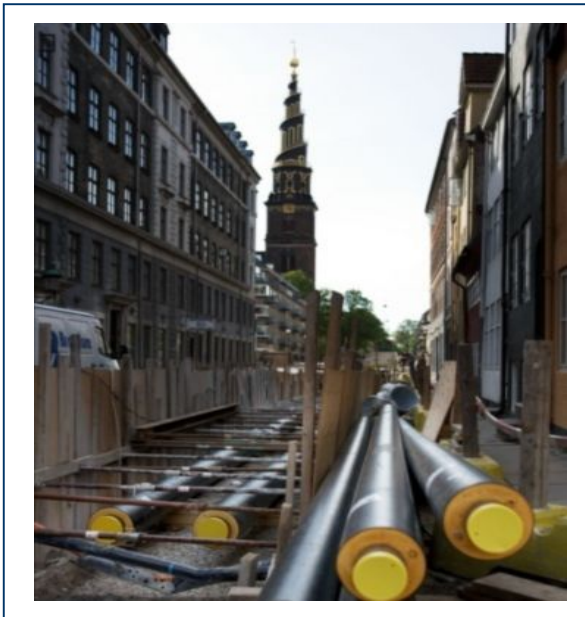


Eco-efficient cities – time to tap the potential!

Lena Sommestad
CEO, Swedish District Heating Association

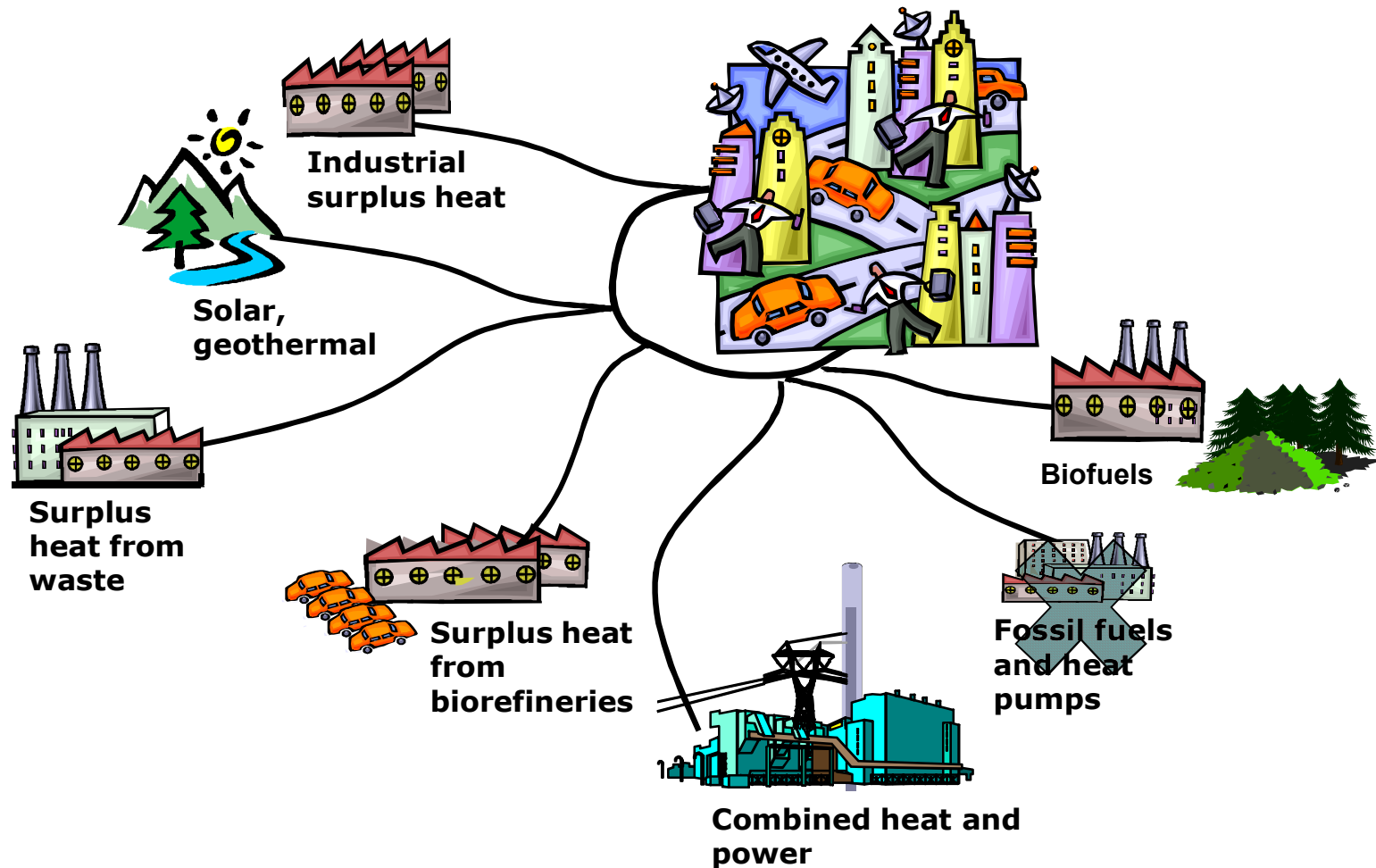


District Heating – a key to success in Swedish climate policy



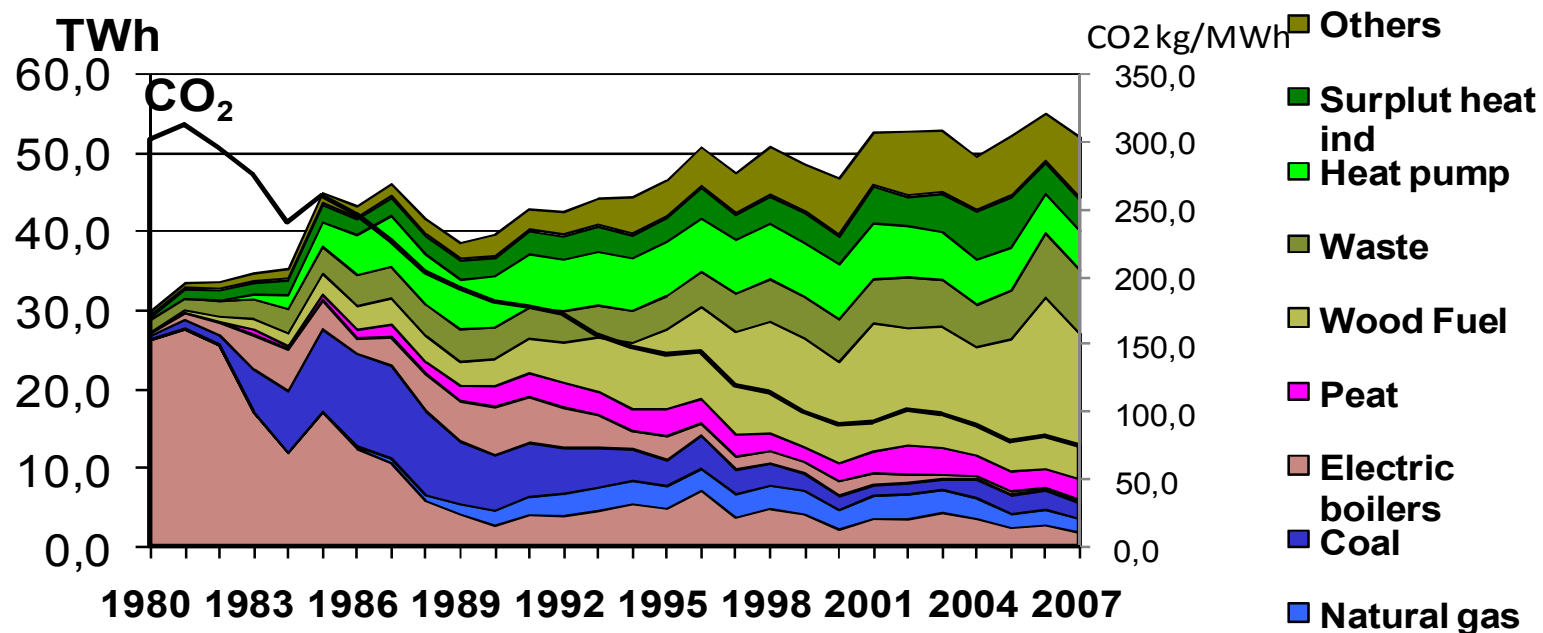
De-coupling of
CO₂-emissions
from Economic
Growth.
Source : Svebio
(from 1990, index)

The green concept of district heating: Make efficient use of surplus heat and local renewables



Phasing out fossil fuels

Fuel/energy used for District Heating in Sweden 1980 to 2007



What explains the success of Swedish district heating?

- Strong local governments as key actors in the national climate strategy
- Political commitment to take the lead
- High CO₂-tax – today 100 Euro/ton CO₂
- Large investment subsidies to selected sustainable city projects
- Endorsement of energy system efficiency



What EU policies are needed to tap the potential of eco-efficient cities?

- Pay attention to district heating and cooling as key technologies to mitigate climate change!
- Recognize cities as key actors in climate politics – and do not rely on market instruments only
- Redesign all legislation to consider energy efficiency

