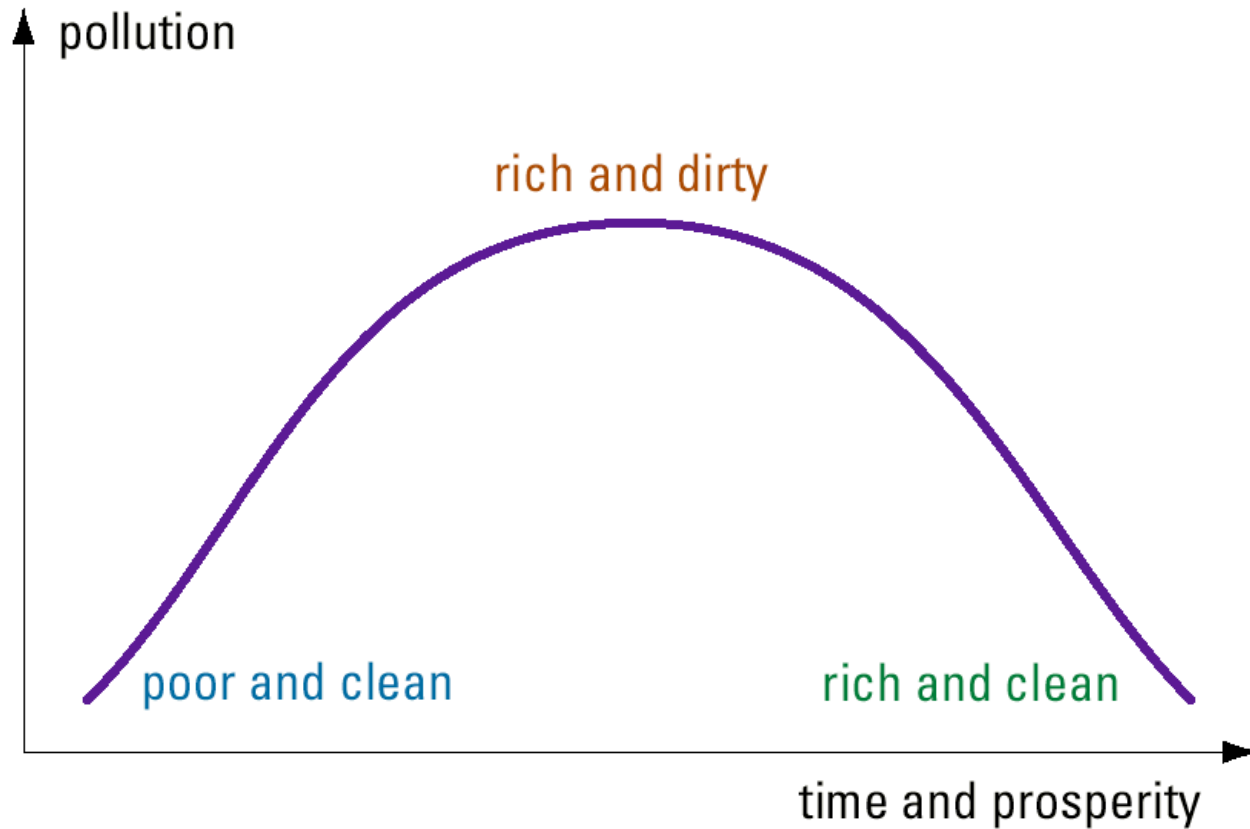
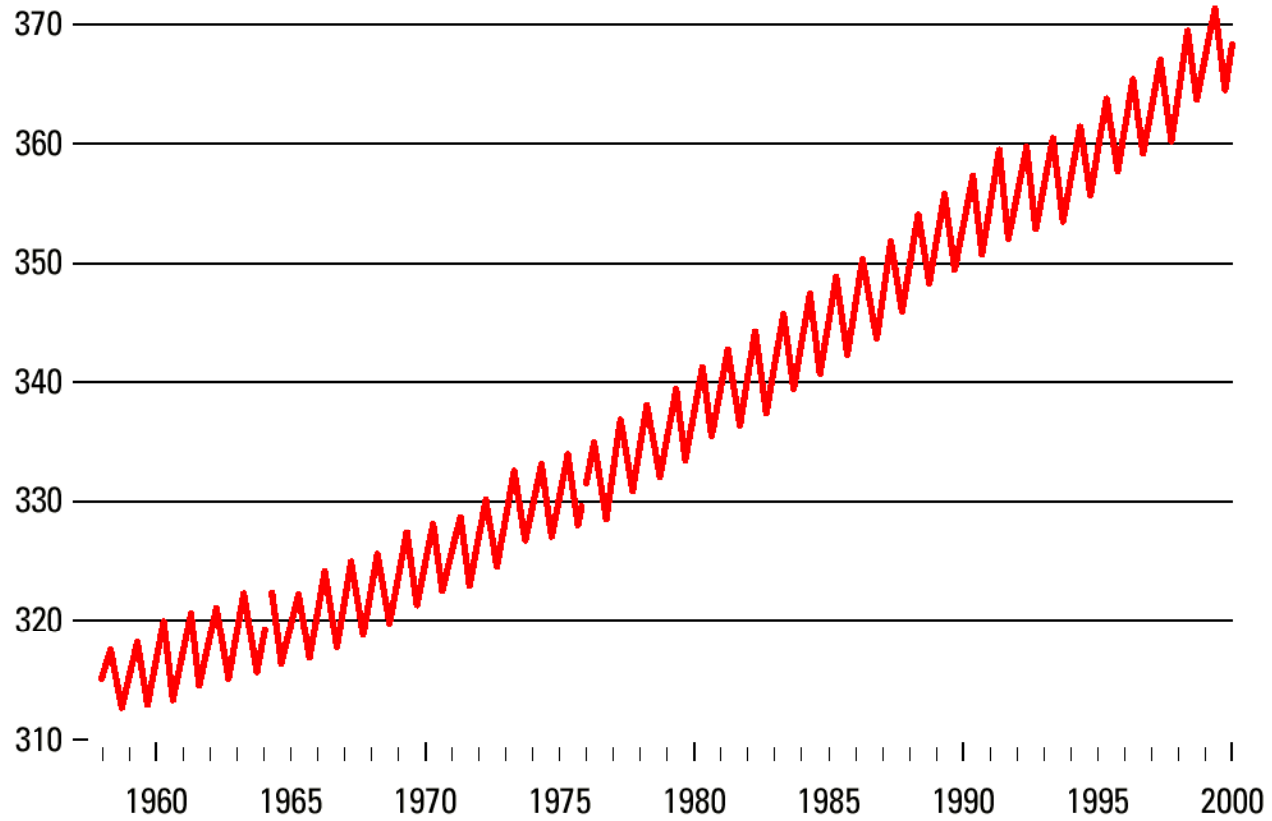


The “Kuznets curve” of pollution



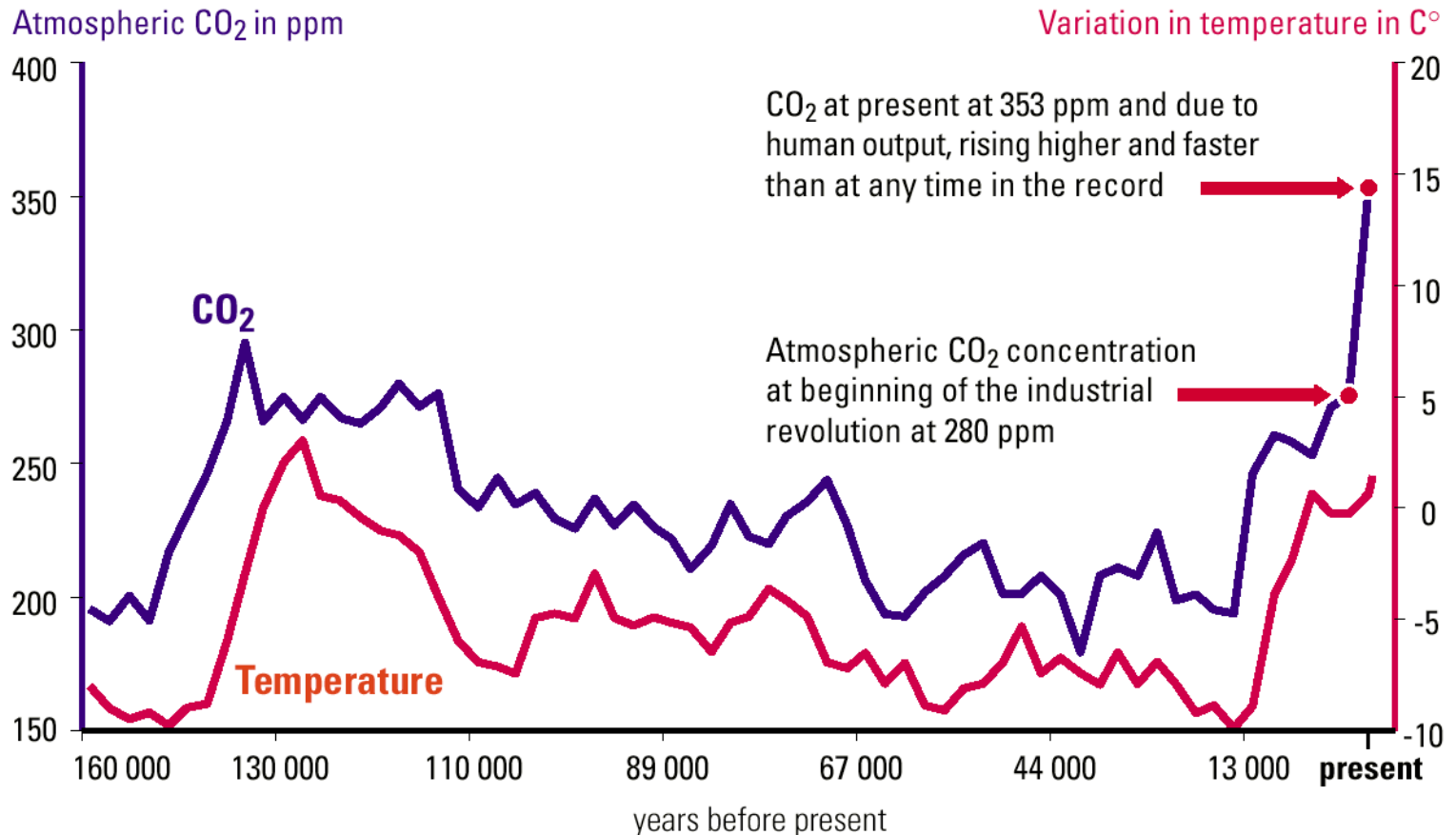
Mauna Loa CO₂ increases

CO₂ concentration in ppmv



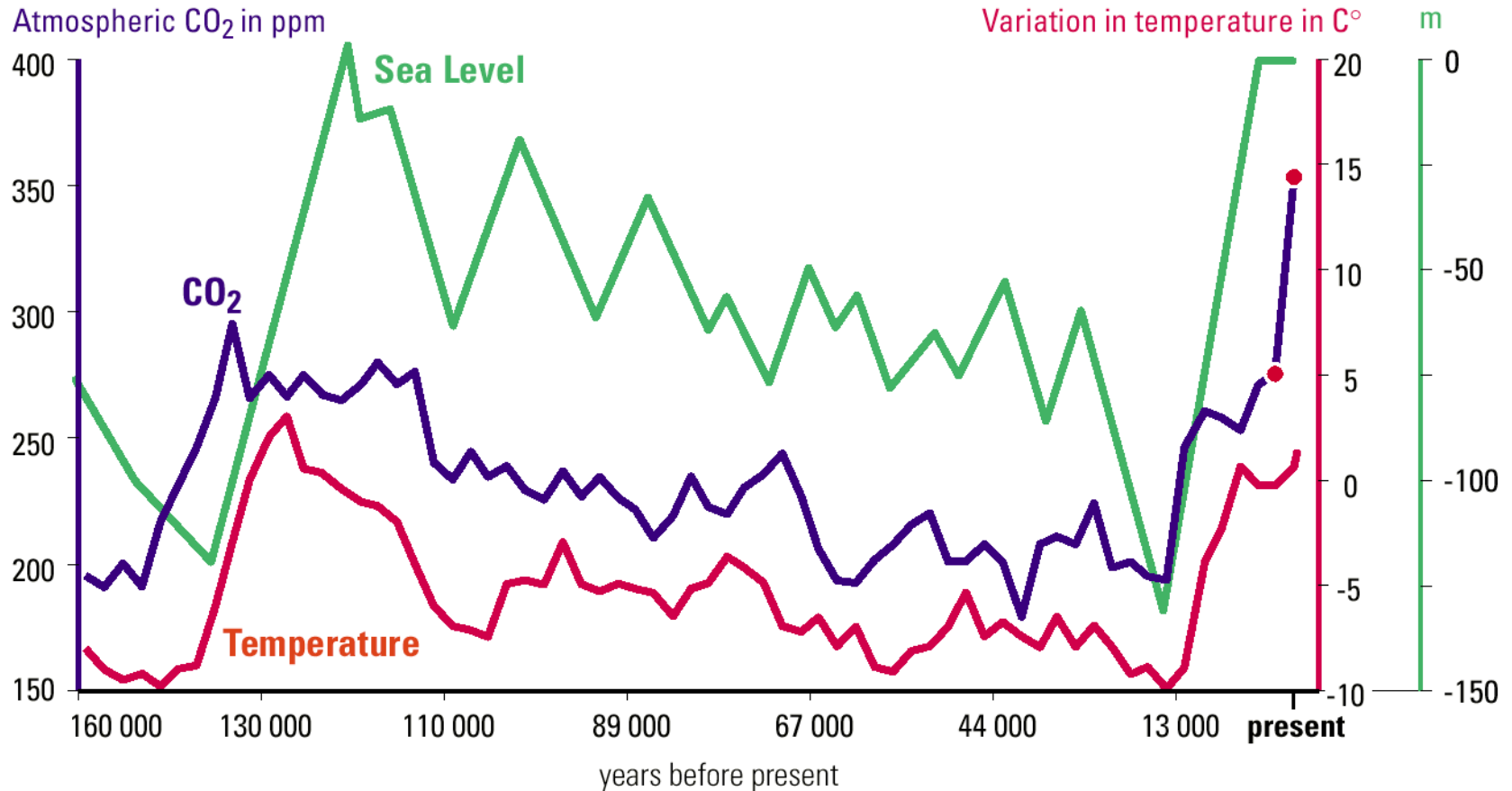
Correlation of CO₂ and temperature variation during the last 160 000 years

and the fast rising CO₂ output since the industrial revolution



Correlation of CO₂, temperature variation and sea level during the last 160 000 years

and the fast rising CO₂ output since the industrial revolution



Italy's changing coast line during the last ice age and during the Pliocene

Italy during
the last ice
age 20000
years ago

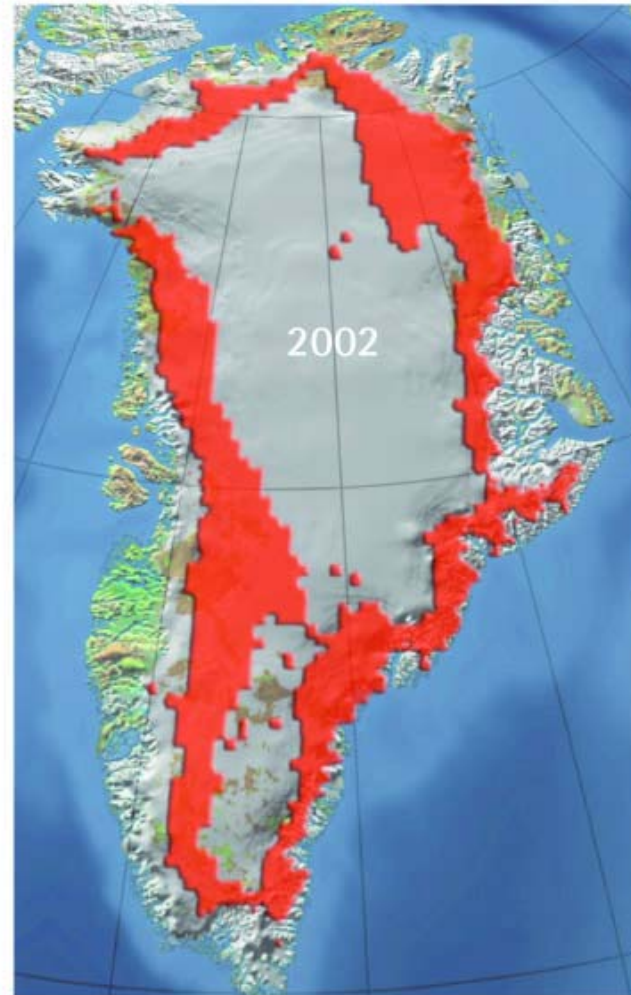


Italy during
the Pliocene
2 million
years ago



today's coast line

Freshwater lakes on Greenland during Summers 1992 and 2002



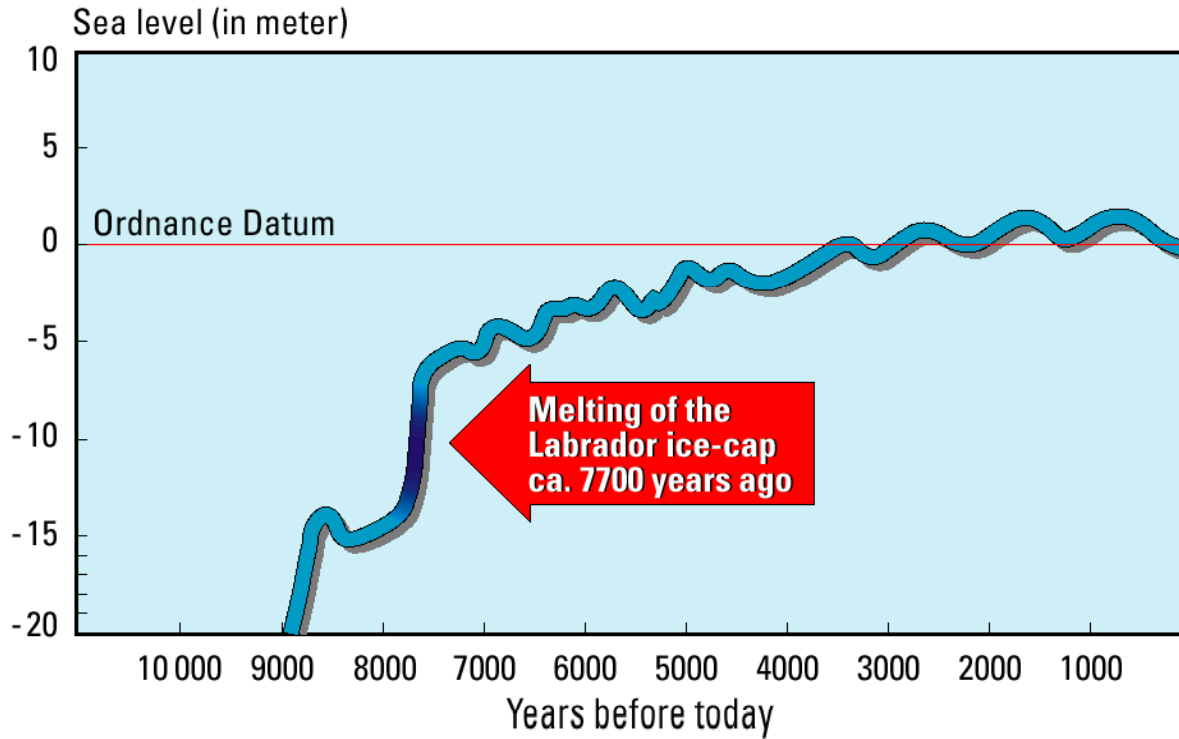
Ocean Circulation Conveyor Belt



The ocean plays a major role in the distribution of the planet's heat through deep sea circulation. This simplified illustration shows this "conveyor belt" circulation which is driven by differences in heat and salinity. Records of past climate suggest that there is some chance that this circulation could be altered by the changes projected in many climate models, with impacts to climate throughout lands bordering the North Atlantic.

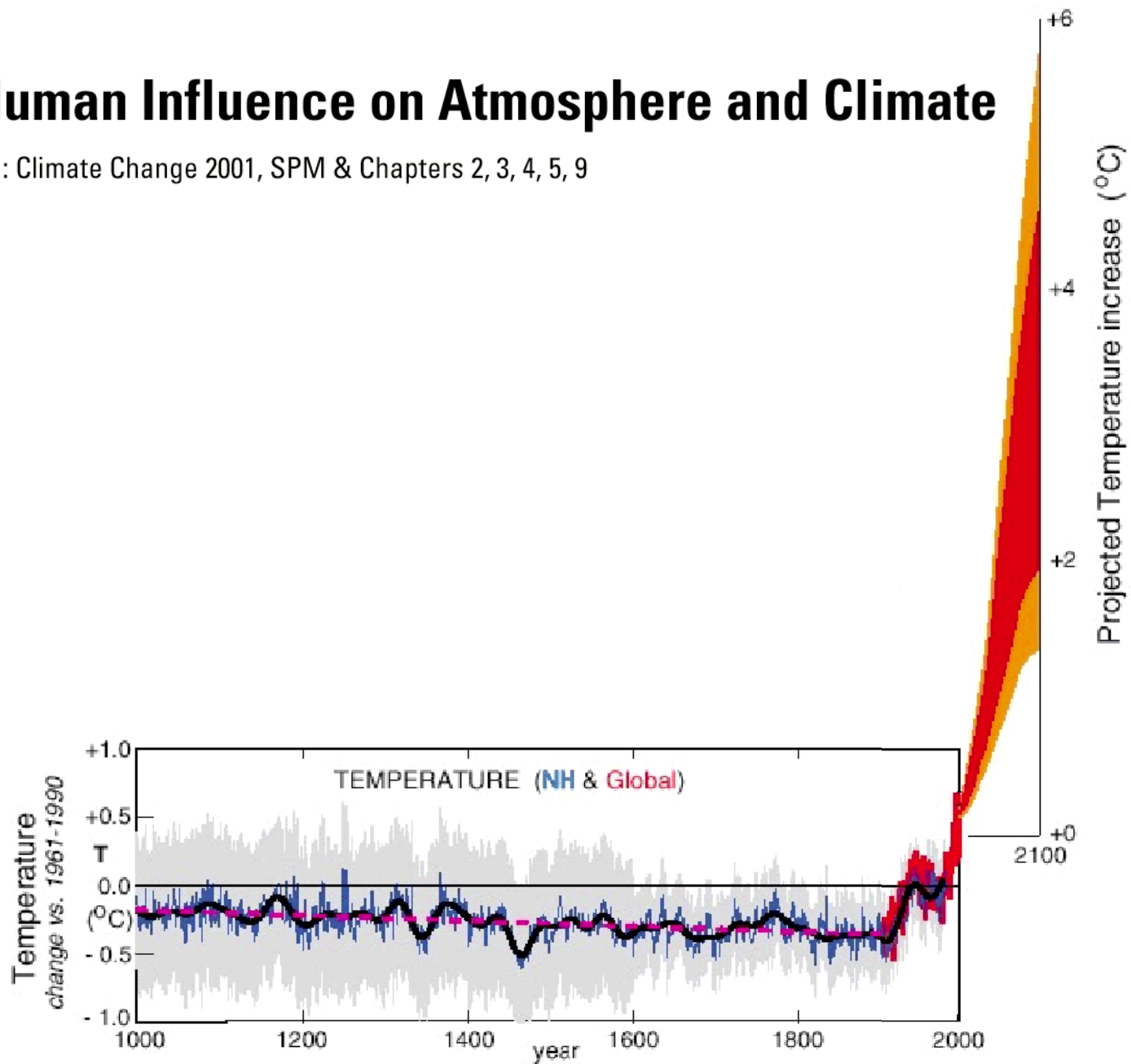
The Flood can arrive suddenly

Relative Sea level changes in North-West England

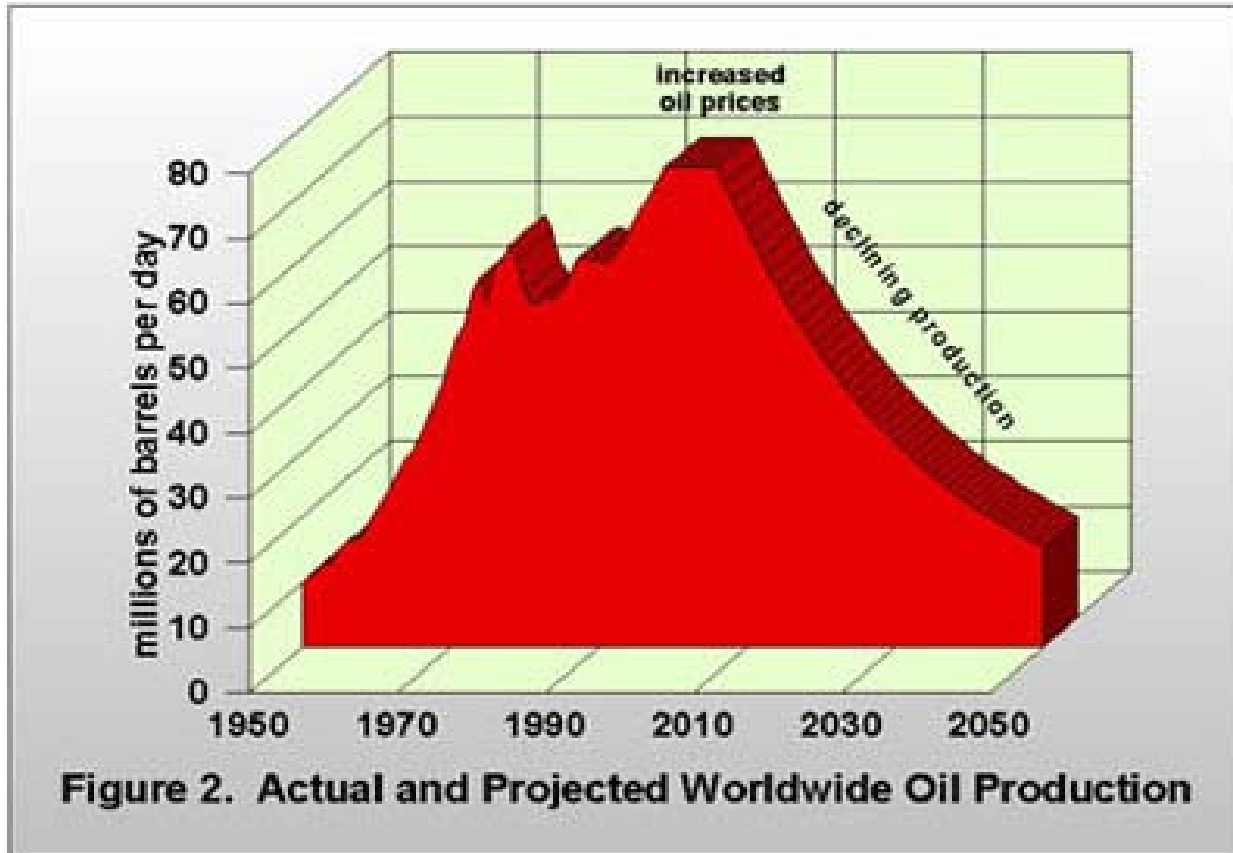


The Human Influence on Atmosphere and Climate

IPCC/WG1: Climate Change 2001, SPM & Chapters 2, 3, 4, 5, 9



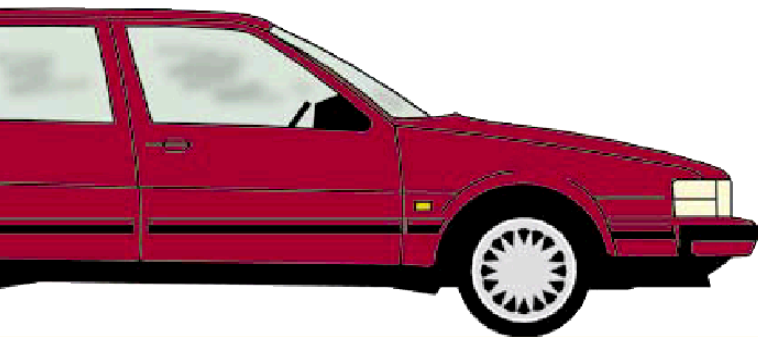
Peak Oil



Source: Association for the Study of Peak Oil and Gas (ASPO), 2005

Hypercar

Today

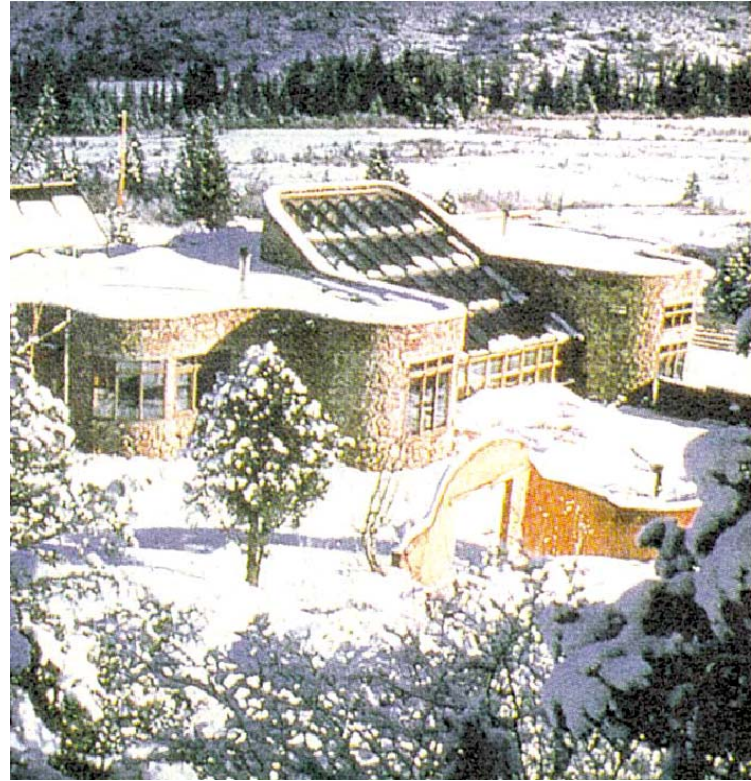


Tomorrow



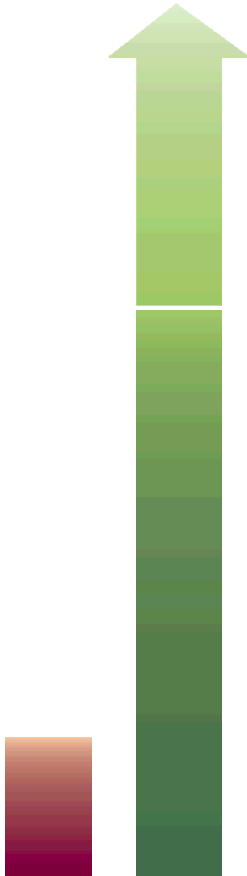
Energy and
material efficiency

Amory Lovins' Rocky Mountain Institute



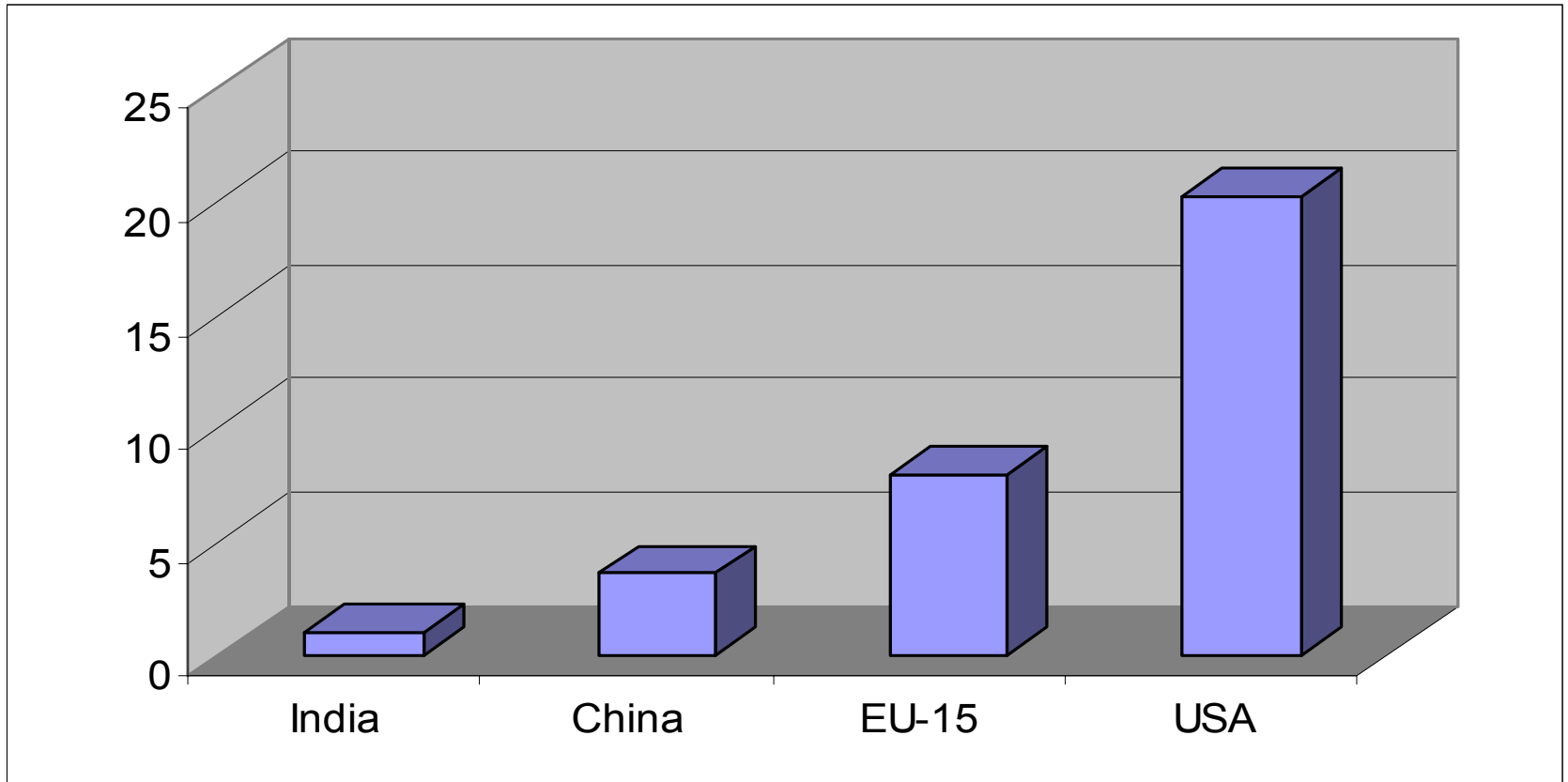
**Energy and
material efficiency**

From incandescent light bulbs to solid state lighting

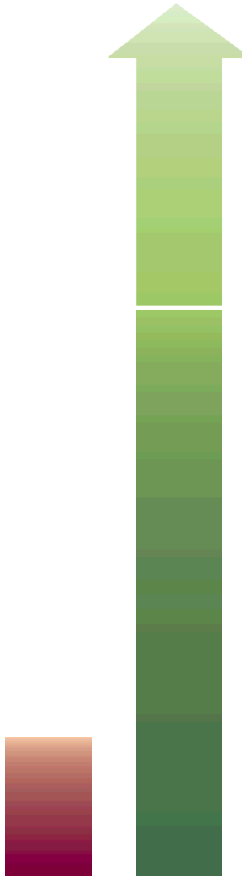


Energy efficiency

Per capita annual CO₂ emissions

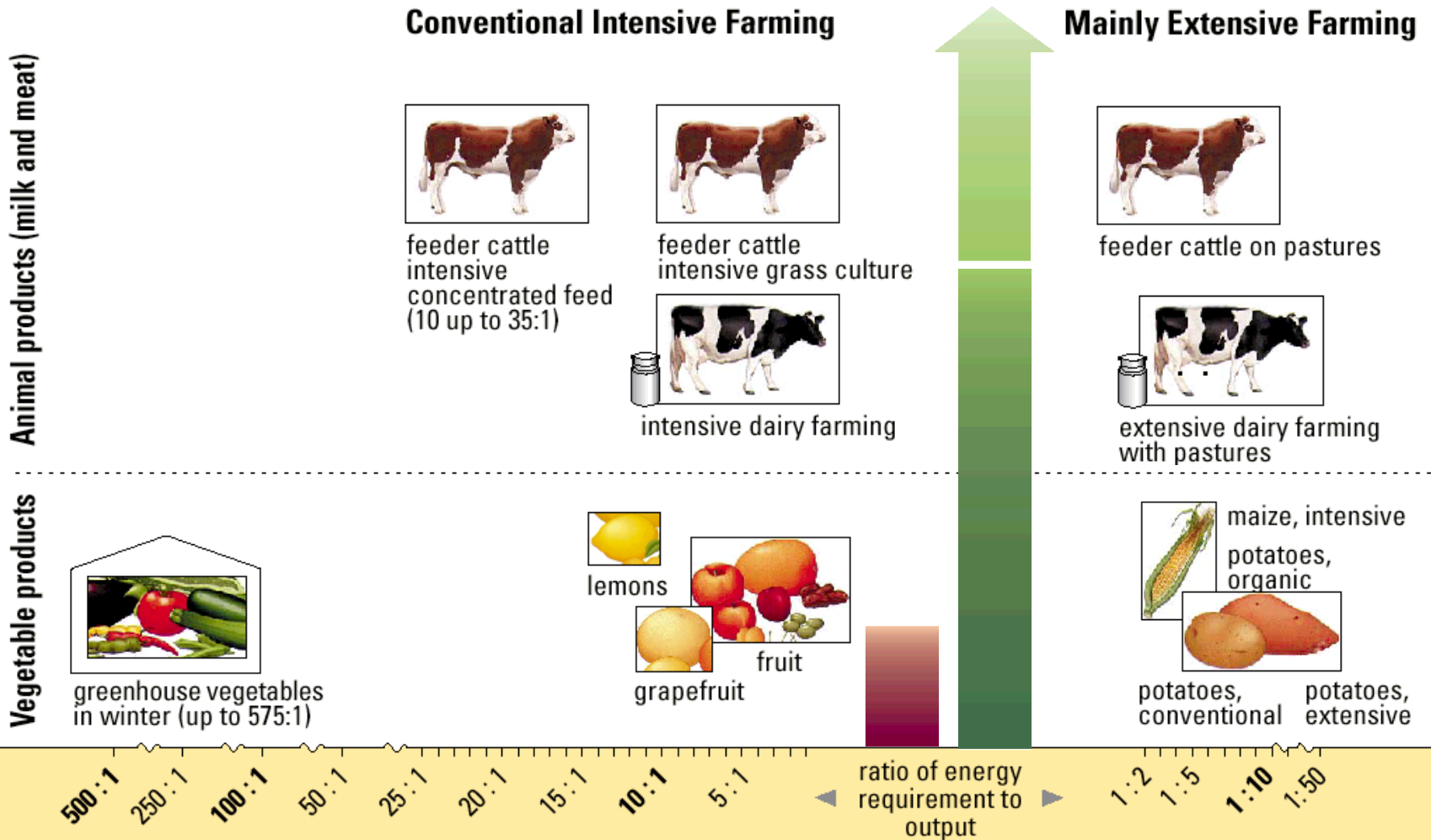


From urban sprawl to high density cities

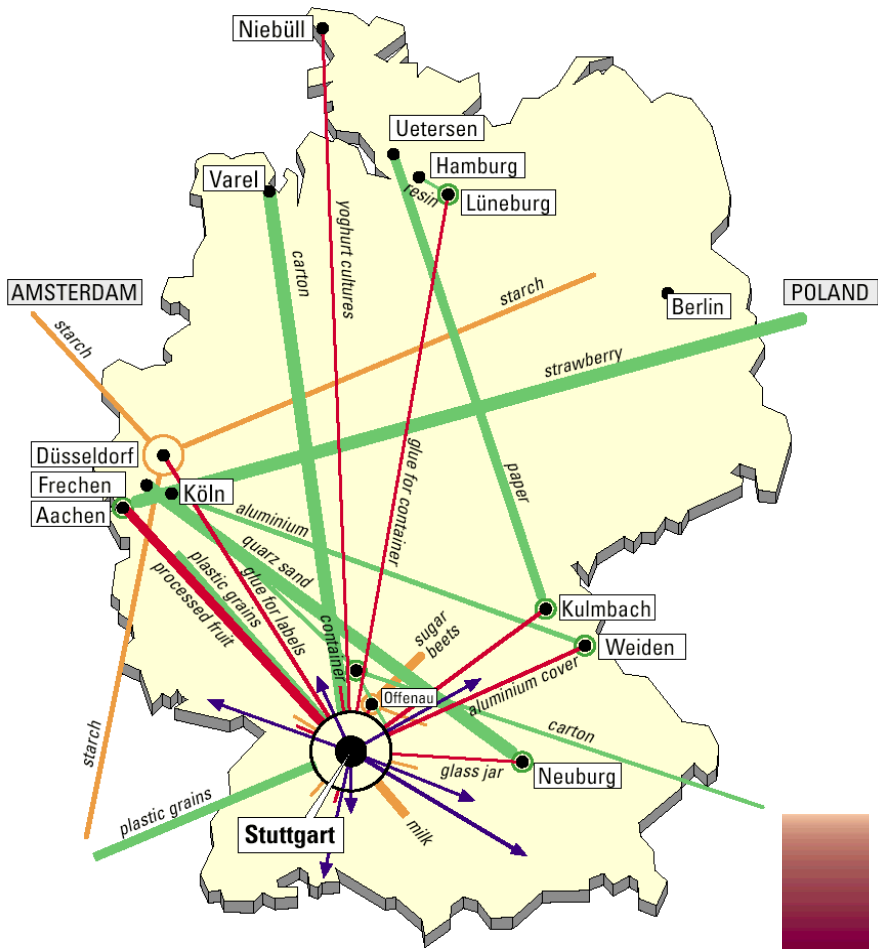


Space and energy efficiency

Ratio of energy input to calorie output



Overcoming crazy logistics in strawberry yoghurt production



- manufacturer's supplies
 - catchment area
 - supplier's supplies
 - manufacturer – distribution places
 - supplies
 - catchment area
 - supplies
 - distribution area
- — ● from – to