



STERN

review

ON THE ECONOMICS
OF CLIMATE CHANGE

Projected Impacts of Climate Change

Global temperature change (relative to pre-industrial)

0°C

1°C

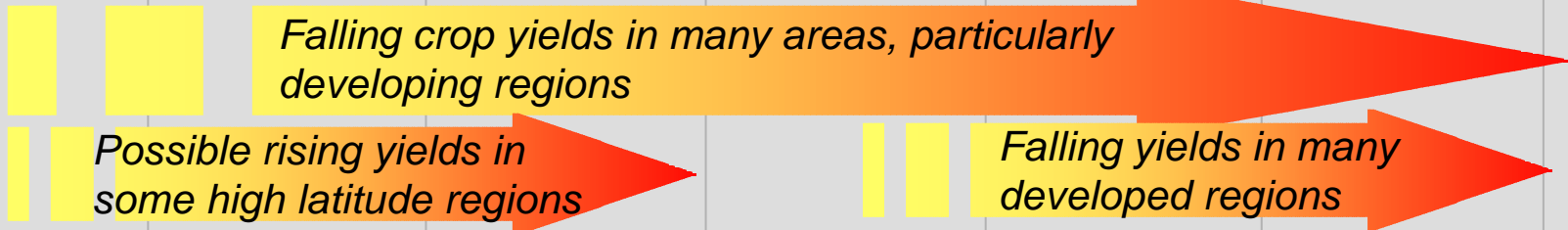
2°C

3°C

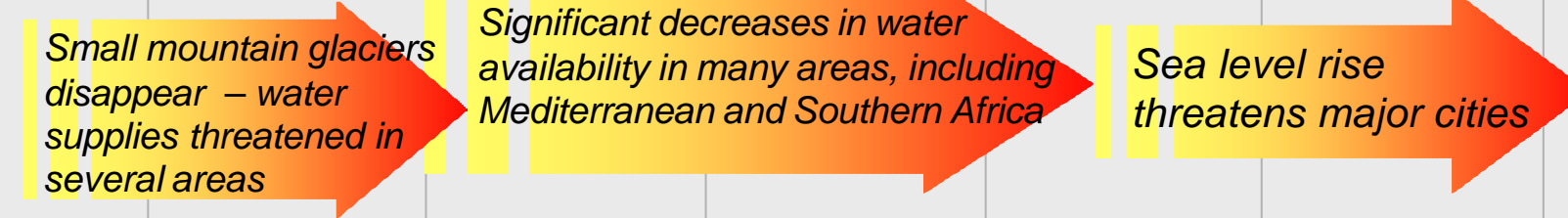
4°C

5°C

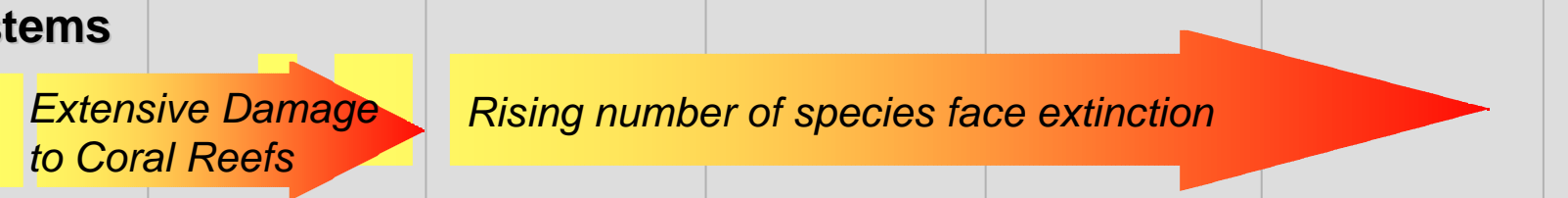
Food



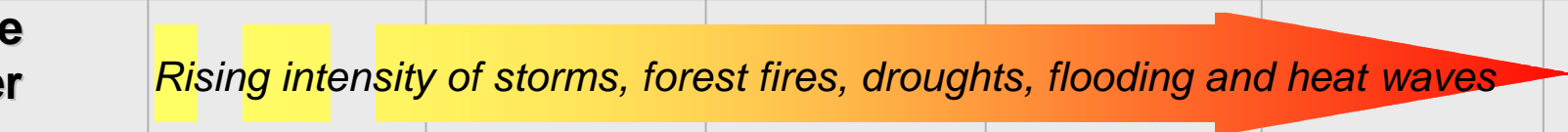
Water



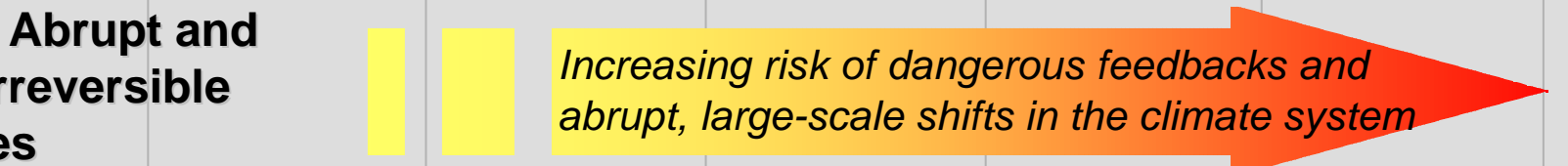
Ecosystems



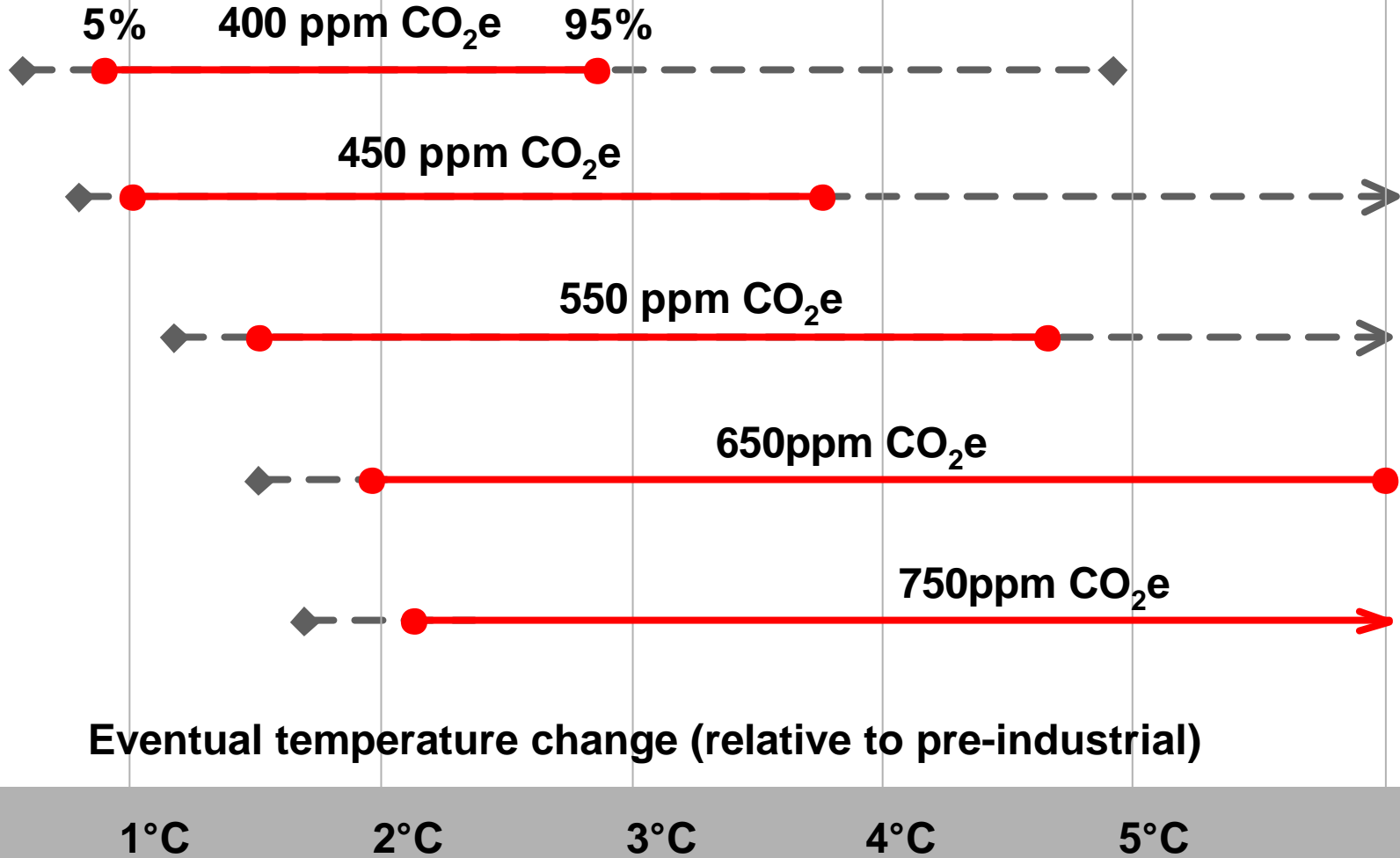
Extreme Weather Events



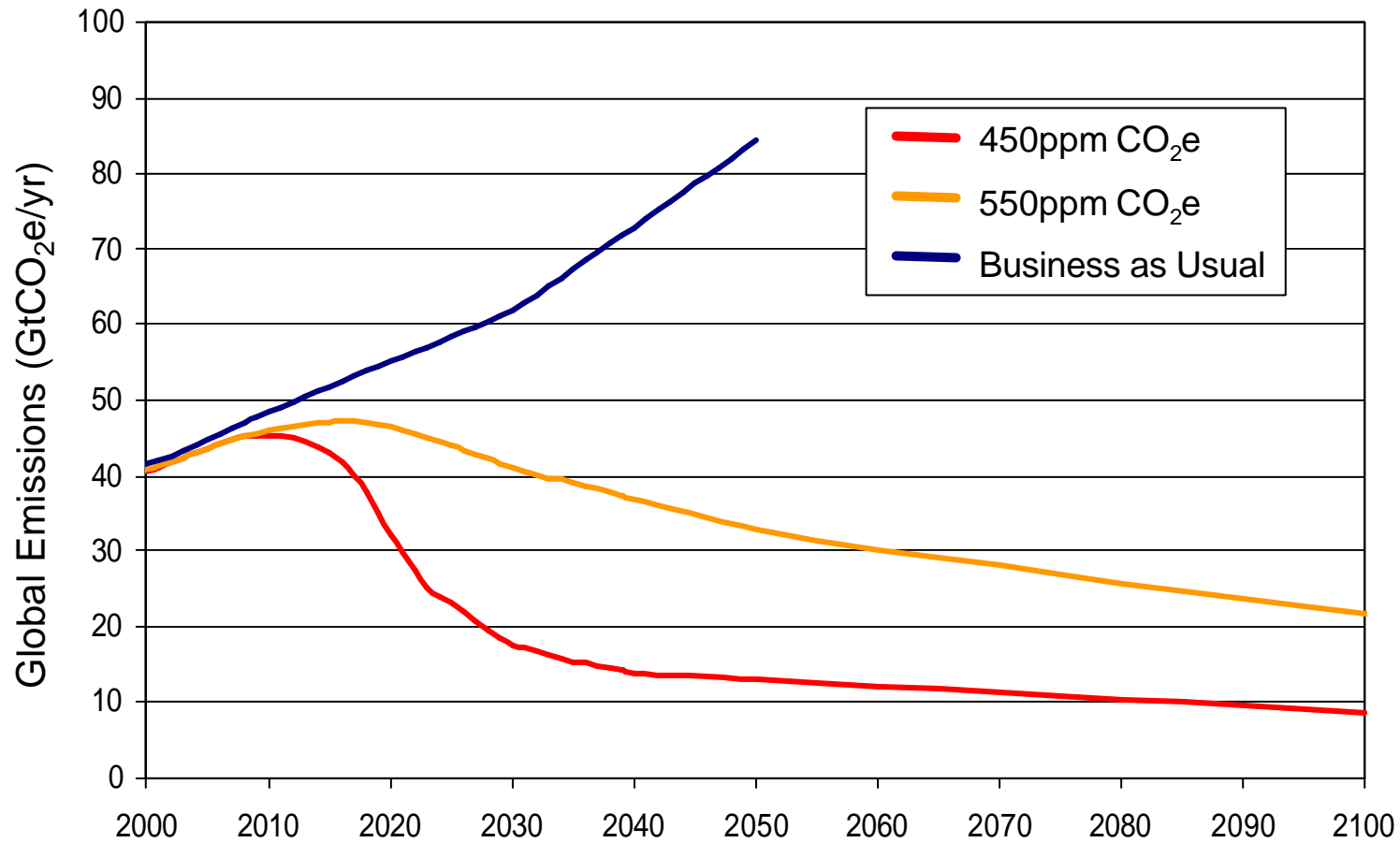
Risk of Abrupt and Major Irreversible Changes



Stabilisation and Commitment to Warming

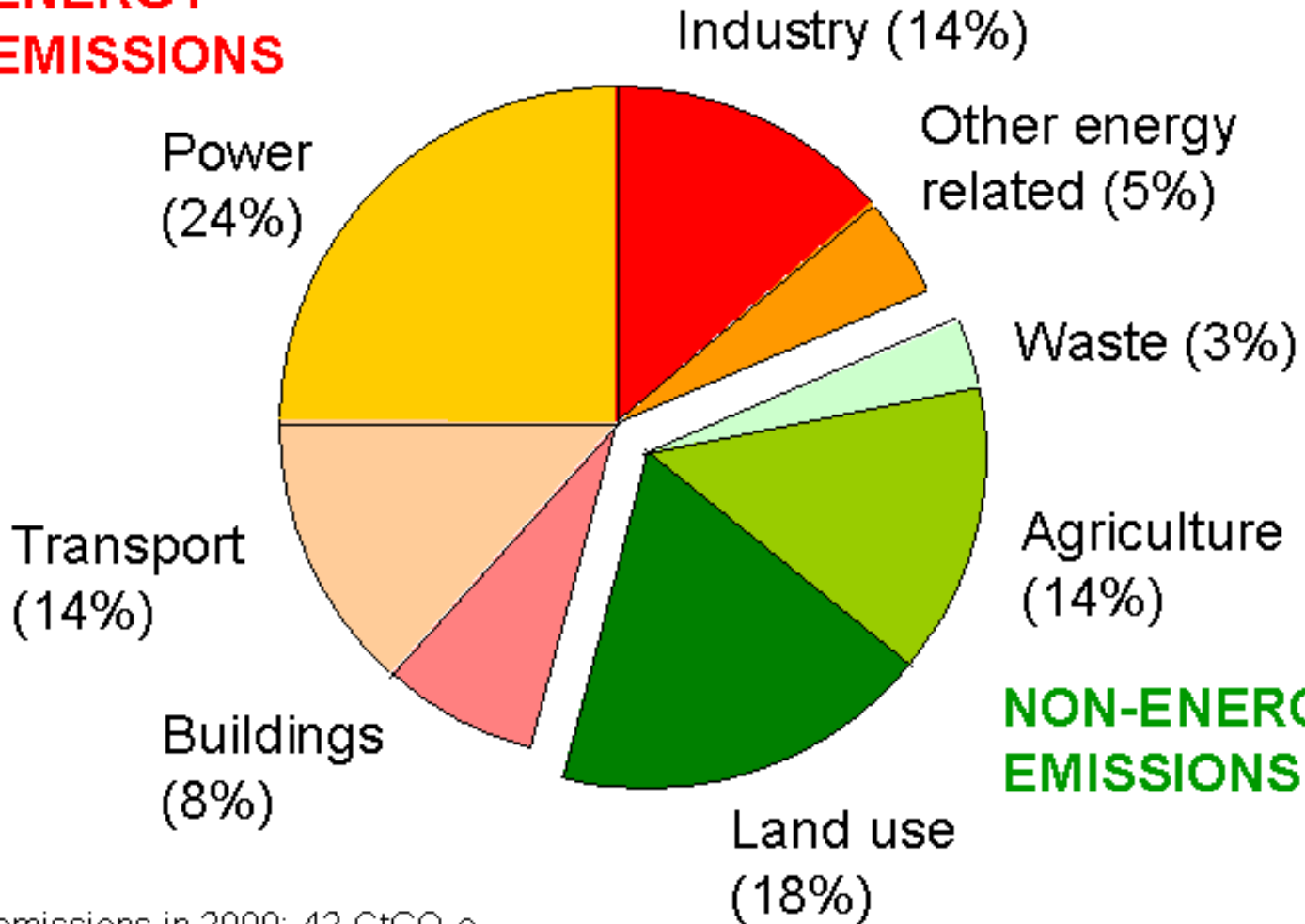


Emissions Paths to Stabilisation



Global Emissions by Sector

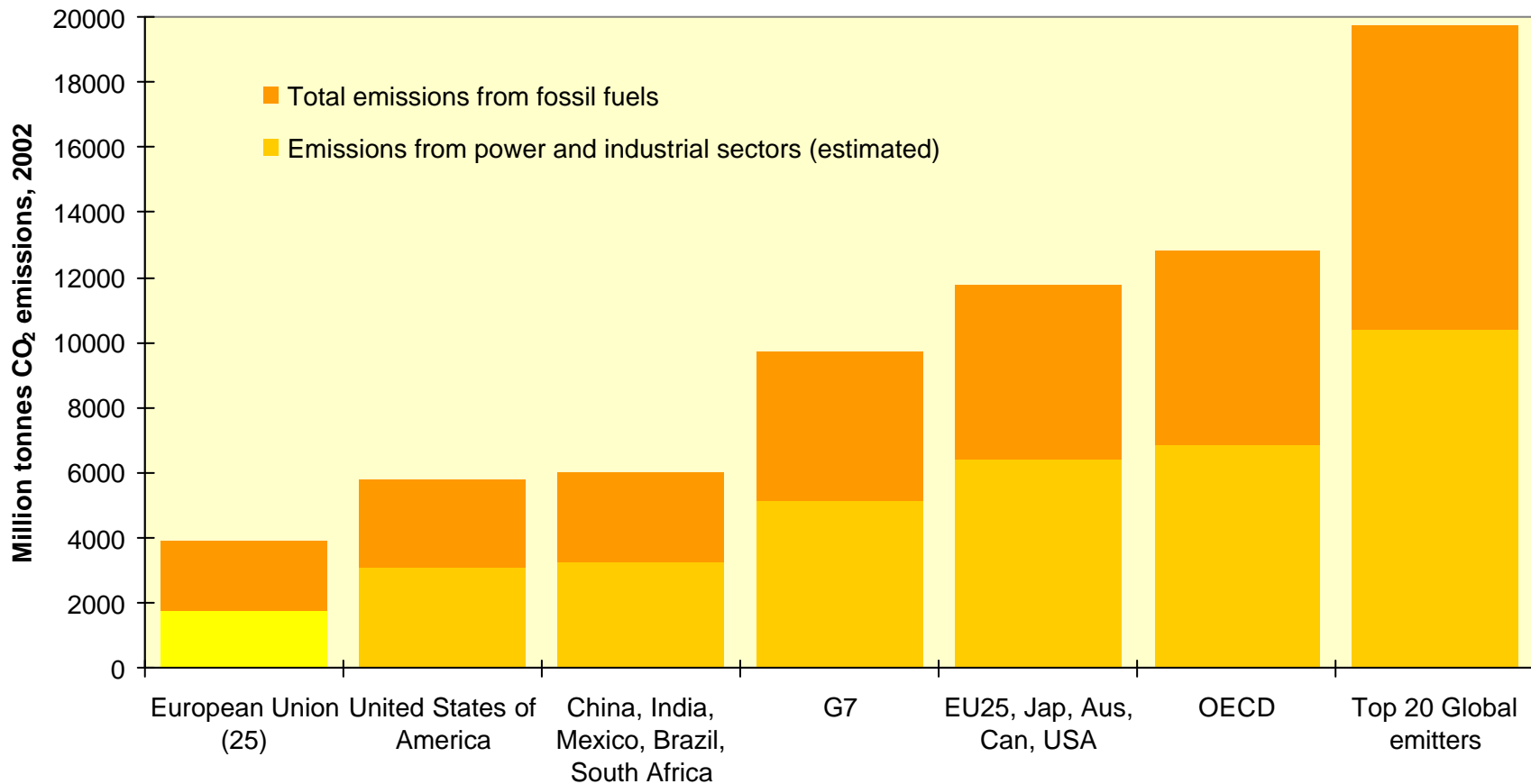
ENERGY EMISSIONS



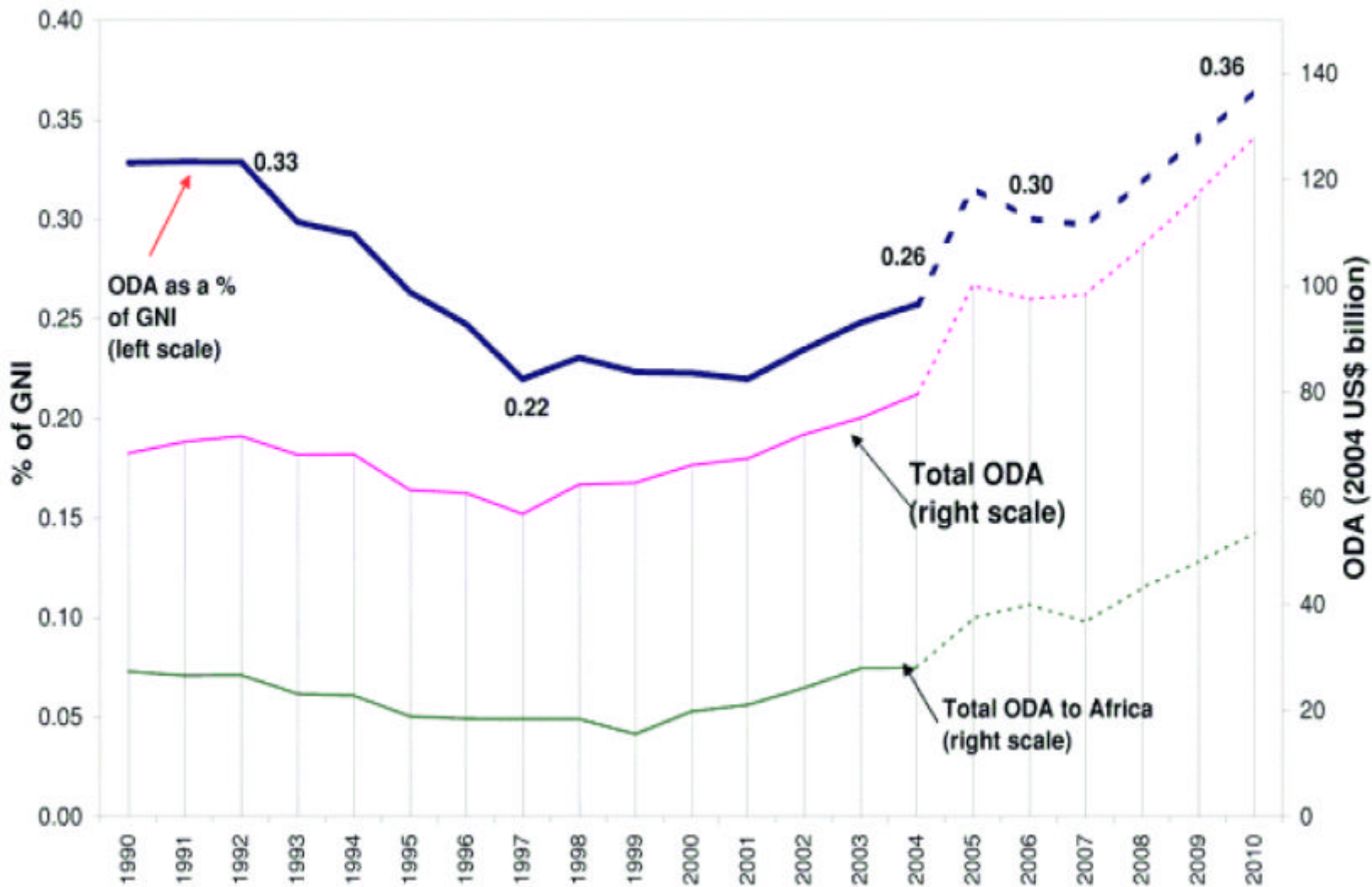
NON-ENERGY EMISSIONS

Total emissions in 2000: 42 GtCO₂e.

Potential Emissions Markets from Power and Industrial Sectors



Adaptation: Scaling up Overseas Development Aid





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