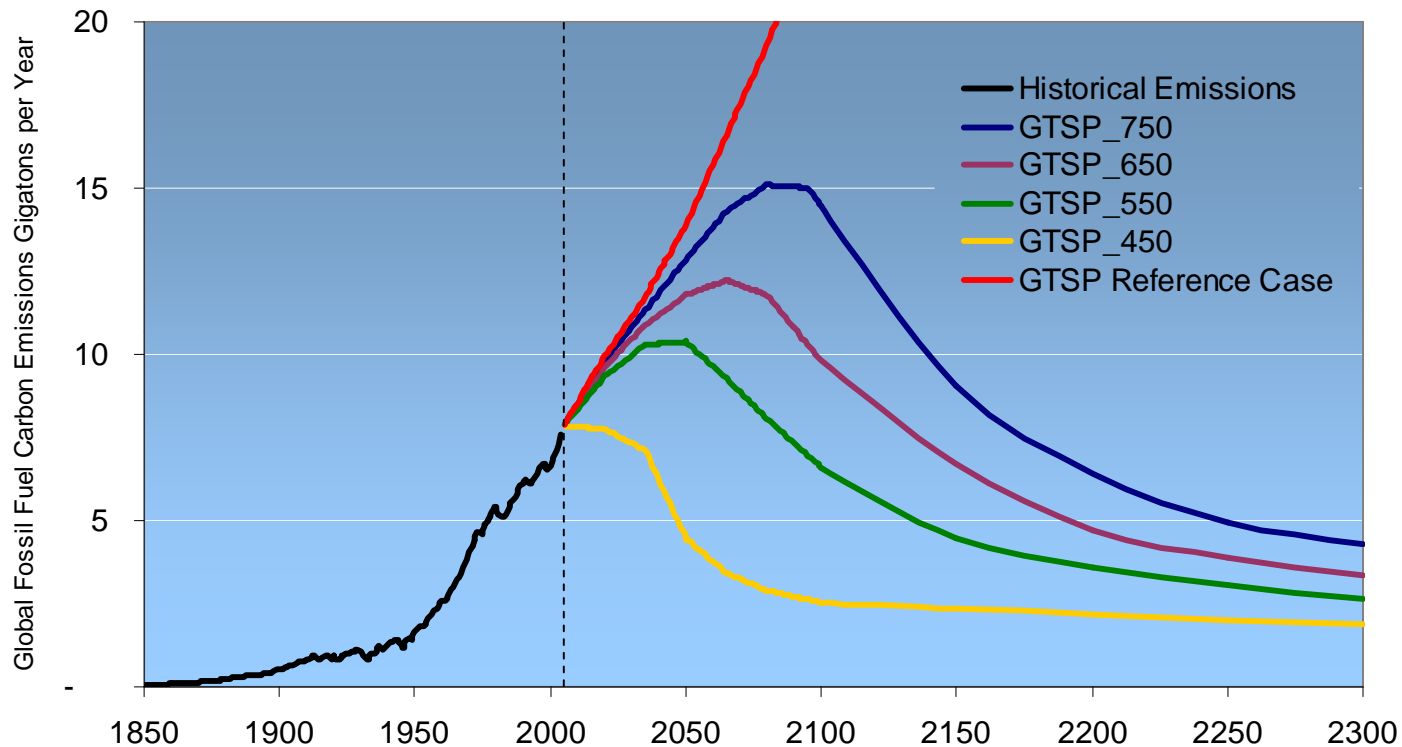


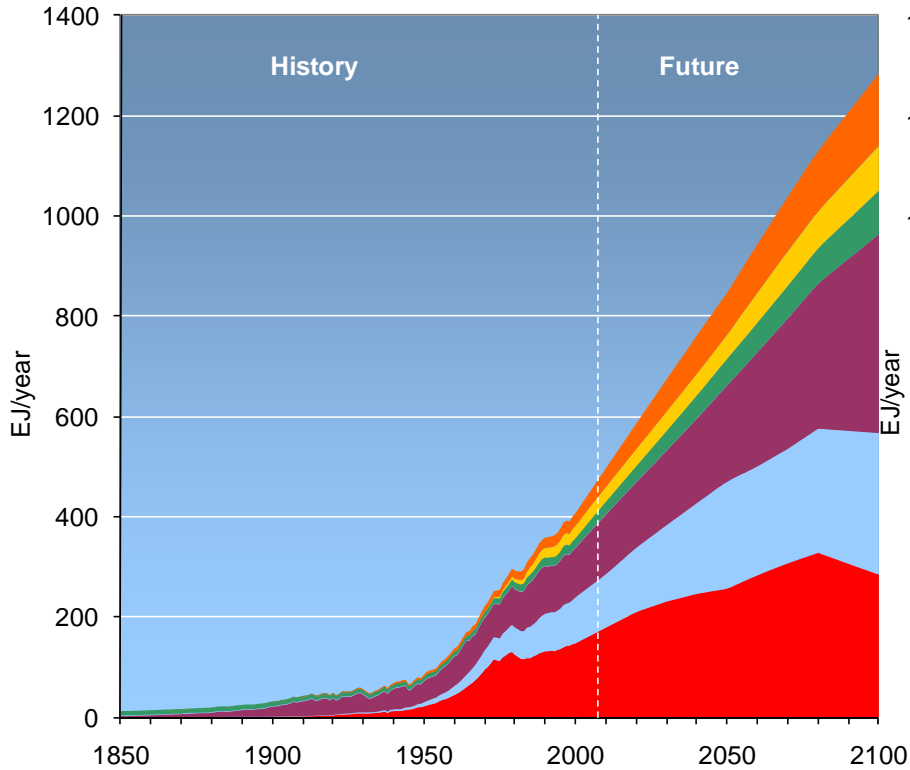
Climate change is a long-term strategic problem with implications for today



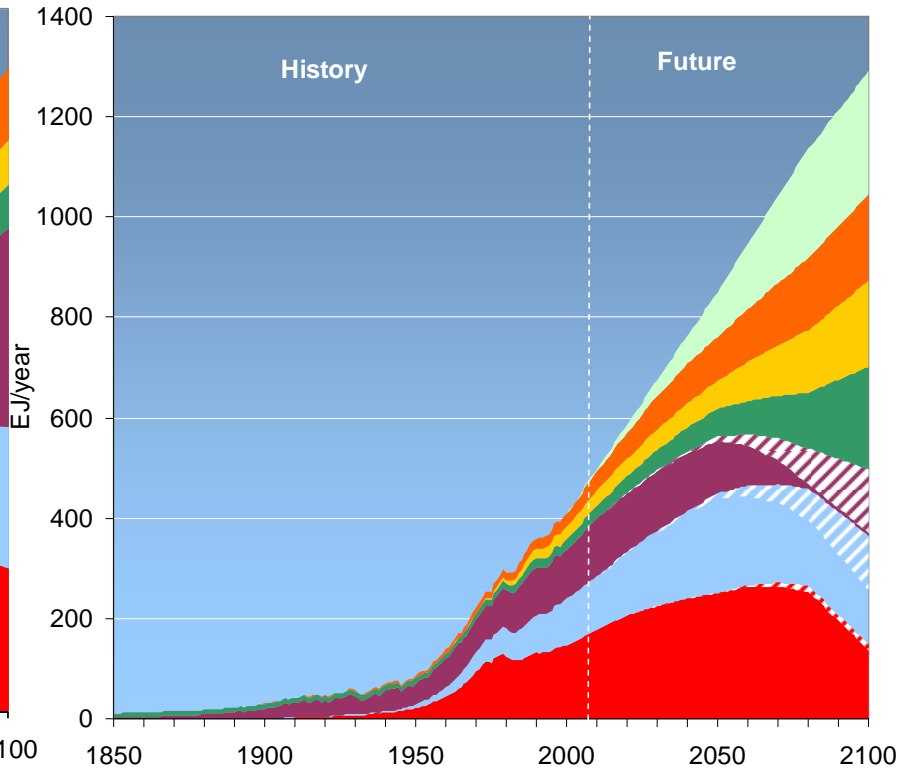
- ▶ Stabilization of greenhouse gas **concentrations** is the goal of the Framework Convention on Climate Change.
- ▶ Stabilizing CO₂ **concentrations** at any level means that **global**, CO₂ **emissions** must peak and then decline forever.

Stabilizing CO₂ concentrations requires fundamental change to global and regional energy systems.

History and Reference Case



Stabilization of CO₂ at 550 ppm



- Oil
- Natural Gas
- Coal
- Biomass Energy
- Non-Biomass Renewable Energy

- ▨ Oil + CCS
- ▨ Natural Gas + CCS
- ▨ Coal + CCS
- Nuclear Energy
- End-use Energy