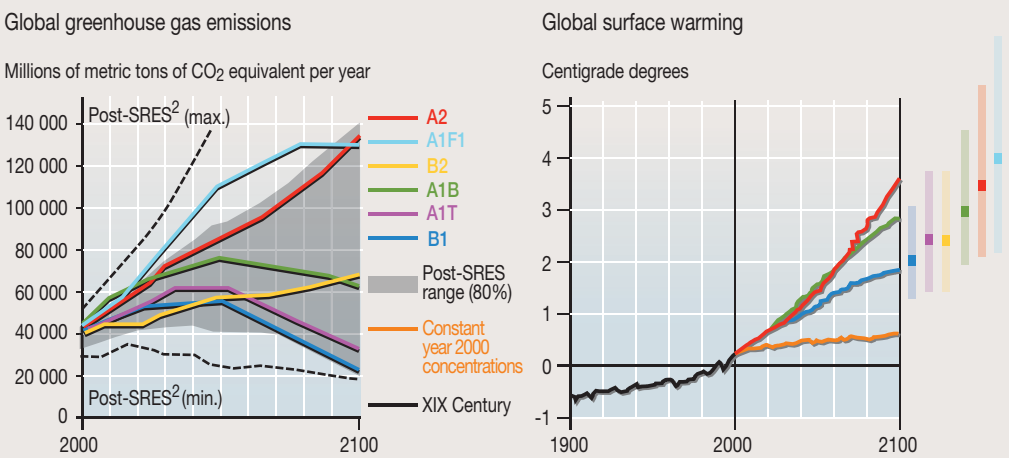
# Greenhouse gas emissions scenarios[1] and surface temperature projections




**A1** Very rapid economic growth and global population, and introduction of new and more efficient technologies:

**A1F1** Fossil intensive

**A1T** Non-fossil energy sources

**A1B** Balance across all energy sources

**A2** Economic growth and technological change are more fragmented and slower than in other storylines.Continuously increasing global population.

**B1** Rapid changes in economic structures toward a service and information economy, with reductions in material intensity, and the introduction of clean and resource-efficient technologies. The emphasis is on global additional climate initiatives.solutions to economic, social, and environmental sustainability, including improved equity, but without additional climate initiatives.

**B2** Emphasis is on local solutions to economic, social, and environmental sustainability.

Note: 1. In the absence of additional climate policies; 2. IPCC Special Report on Emission Scenarios.

Source: Intergovernmental Panel on Climate Change (IPCC), *Climate Change 2007: The Physical Science Basis*. Contribution of Working Group I to the Fourth Assessment Report of the IPCC, Cambridge University Press, 2007.