



The IPCC bases its predictions on **future emissions** of how the world will develop in a hundred years time. They have developed four ‘storylines’ called the *Special Report on Emissions Scenarios (SRES)*

### Storyline A1

- a future world of rapid economic growth
- global population that peaks in mid-century and then declines
- rapid introduction of new and more efficient technologies
- convergence among regions
- increased cultural and social interactions
- reduction in regional differences in per capita income

There are further divisions in this scenario according to technological changes in the energy system.

- A1F1 – fossil intensive
- A1T – non fossil energy sources
- A1TB – balance across all sources

### Storyline A2

- a future world of self-reliance
- preservation of local identities
- increasing population
- economic development dependent on region
- technological change is slower than other scenarios

### Storyline B1

- global population that in mid-century and then declines
- rapid change in economy towards a service and information economy
- introduction of clean and resource efficient technologies
- global solutions to economic, social and environmental sustainability

### Storyline B2

- emphasis on local solutions to economic, social and environmental sustainability
- continuously increasing global population
- slow economic development
- less rapid and more diverse technological change