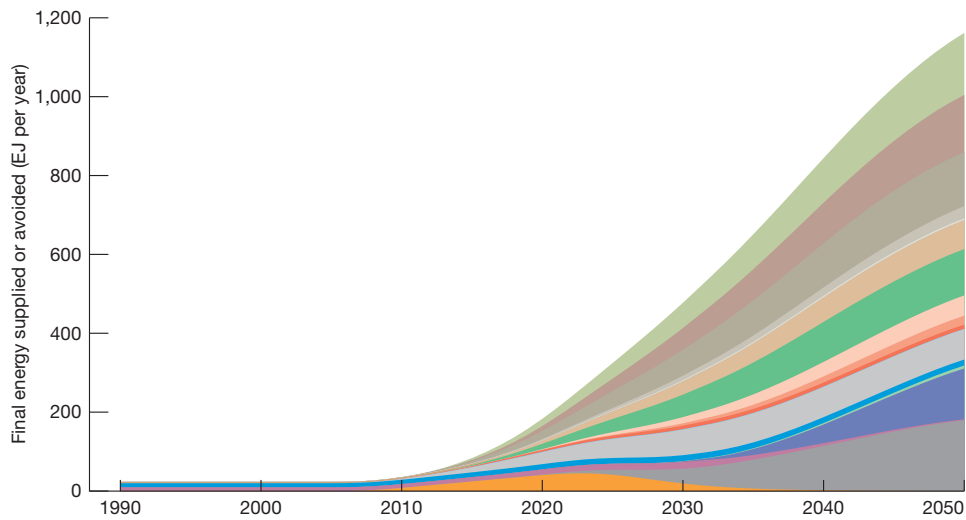


Fig. 35: REPRESENTATIVE SCENARIO OF THE CLIMATE SOLUTIONS MODEL



Key to Fig. 35 and Fig. 37

- Industrial energy efficiency and conservation
- Efficient buildings
- Efficient vehicles
- Reduced use of vehicles
- Aviation and shipping efficiency
- Repowering hydro
- Traditional biomass
- Biomass
- Wind power
- Solar photovoltaics
- Solar thermal power
- Solar thermal heat
- Small hydro
- Geothermal (power and heat)
- Large hydro (existing plus sustainable)
- Sea and ocean energy

- Hydrogen from renewables
- Nuclear (commissioned plants only)
- Fossil fuel used with carbon capture and storage
- Natural gas instead of coal for baseload
- Residual fossil fuels (Fig. 37 only)

Note

Since energy-efficiency technologies which reduce final energy demand are shown alongside energy supply from low-emission sources, the results are expressed as final energy supplied or avoided (rather than primary energy production).

Some wedges are small in percentage terms and therefore difficult to identify on the graph.

Source, Figs 35, 36 and 37: Mallon et al. 2007