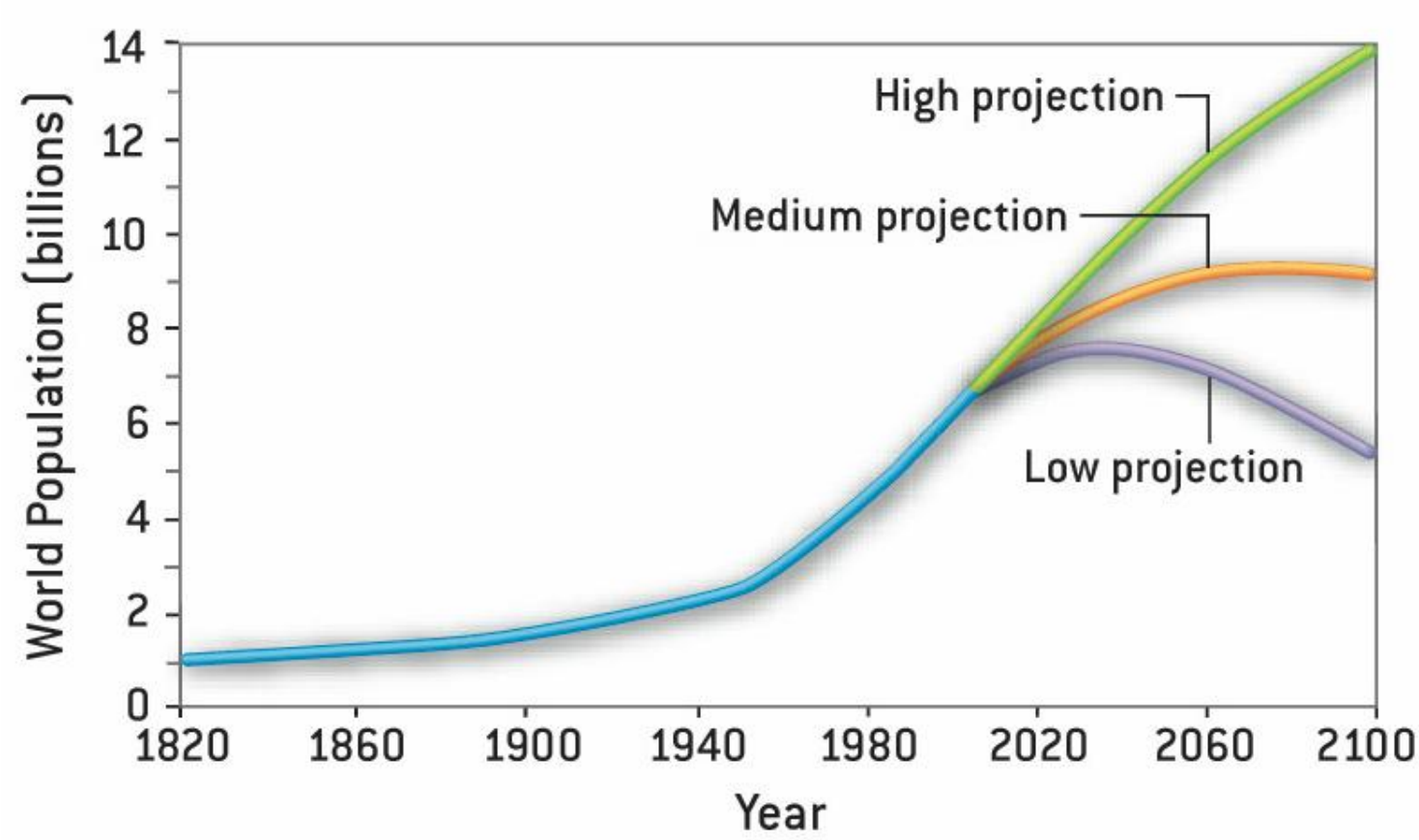
Outlook for 2050

A total of nine billion people…

…most of whom are getting richer…

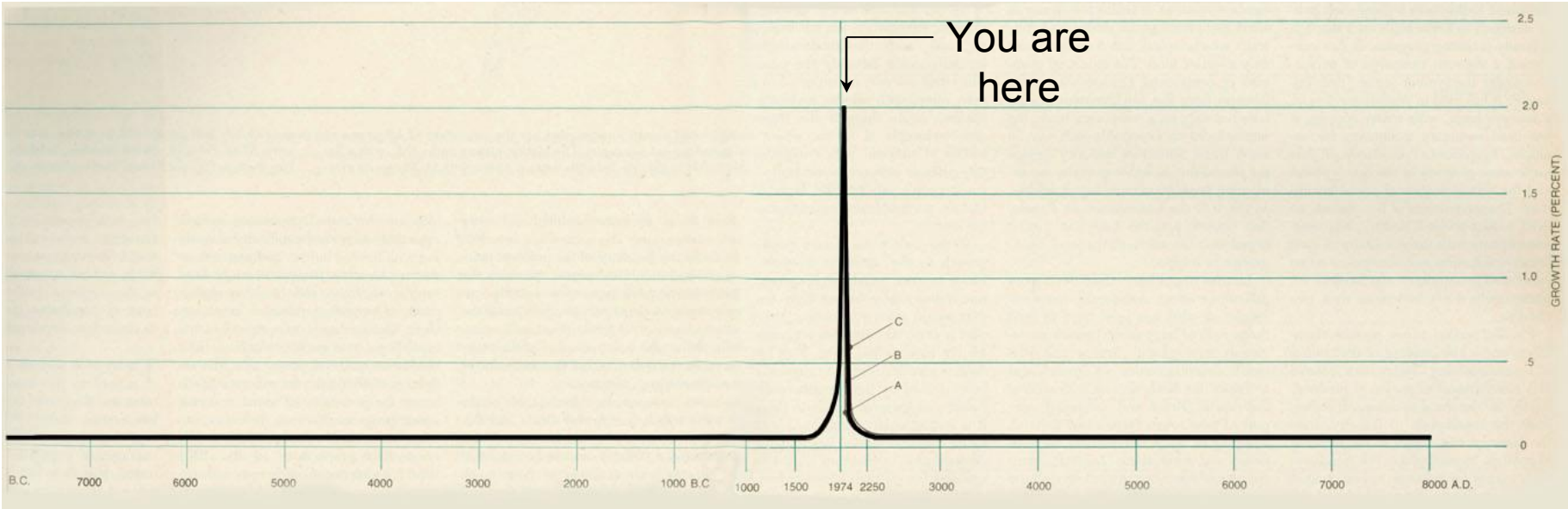
…on a finite planet.

Transition 1: Population



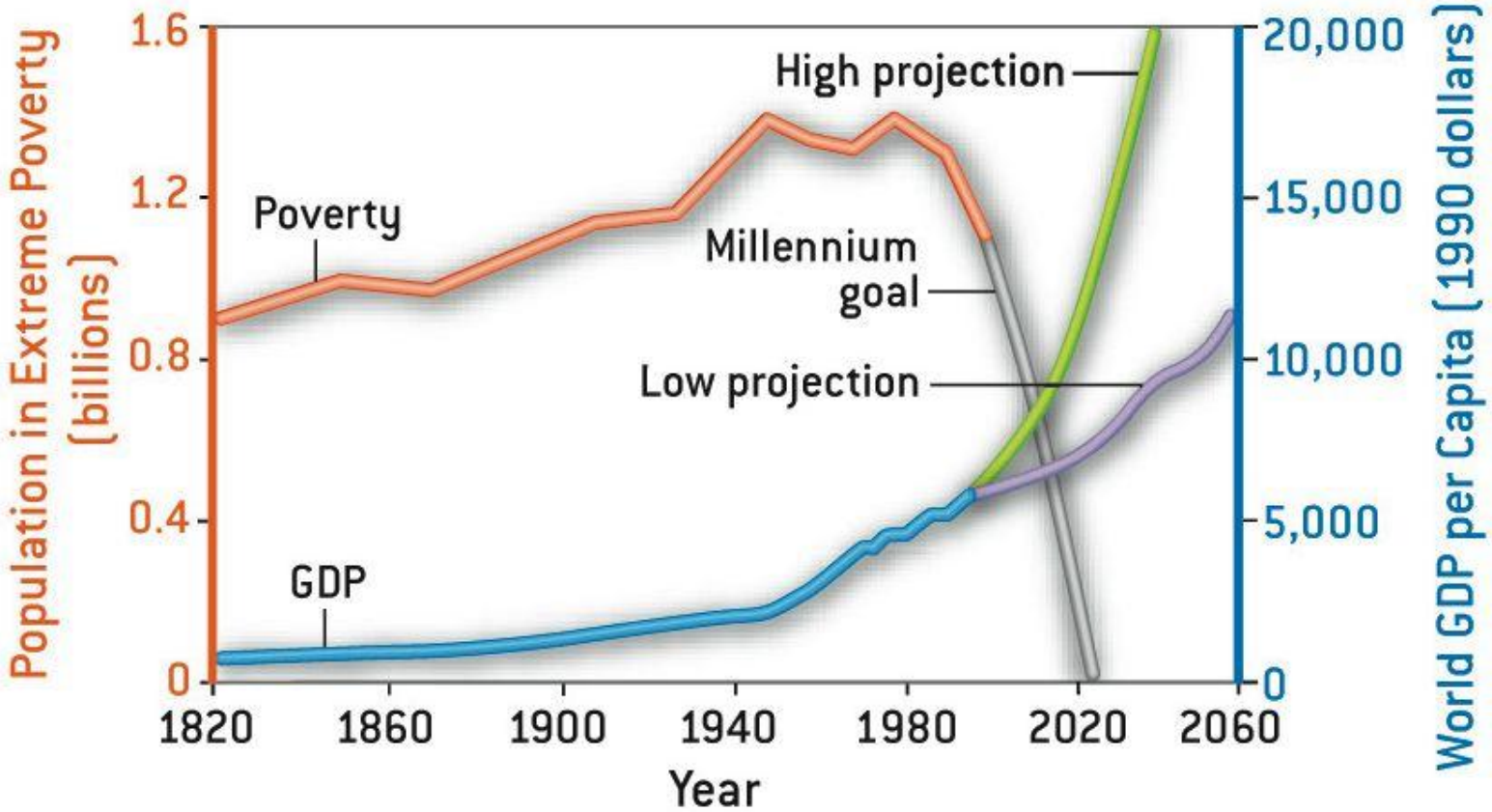
Sources: Maddison, UNPD

The Looooooong View



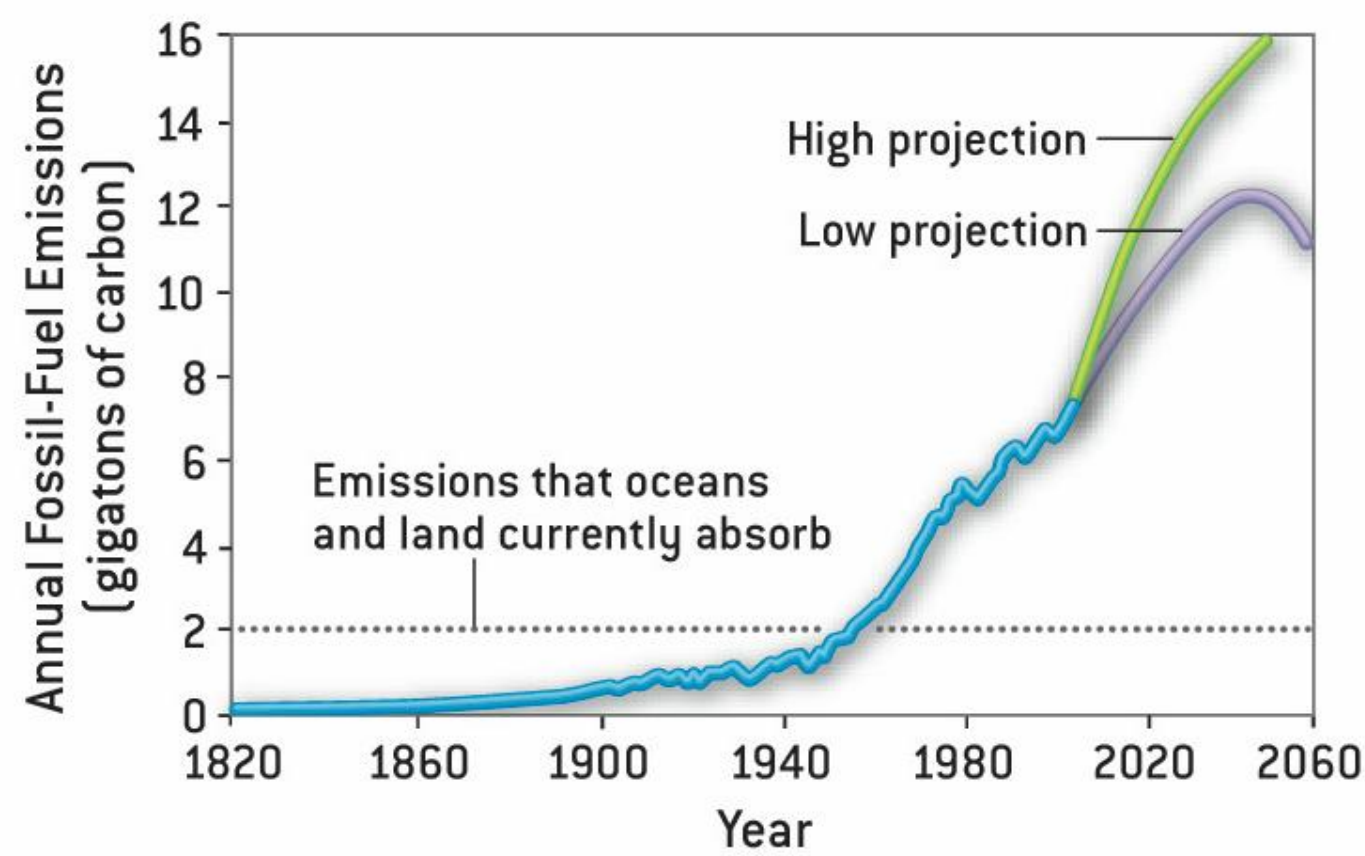
Source: Sci Am, 1974

Transition 2: Economics



Sources: Maddison, IPCC, Bourguignon & Morrison

Transition 3: Environment

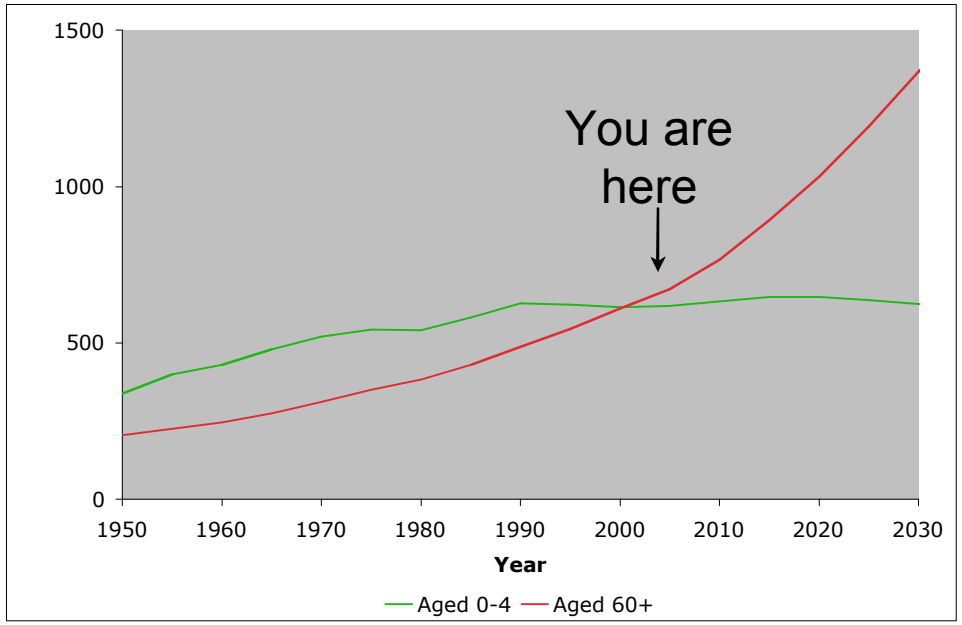


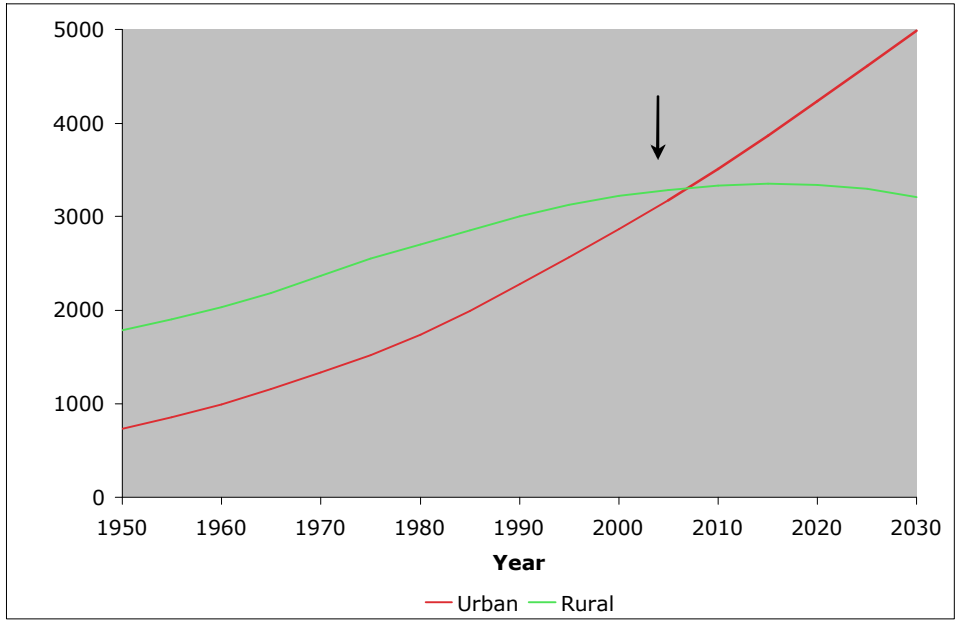
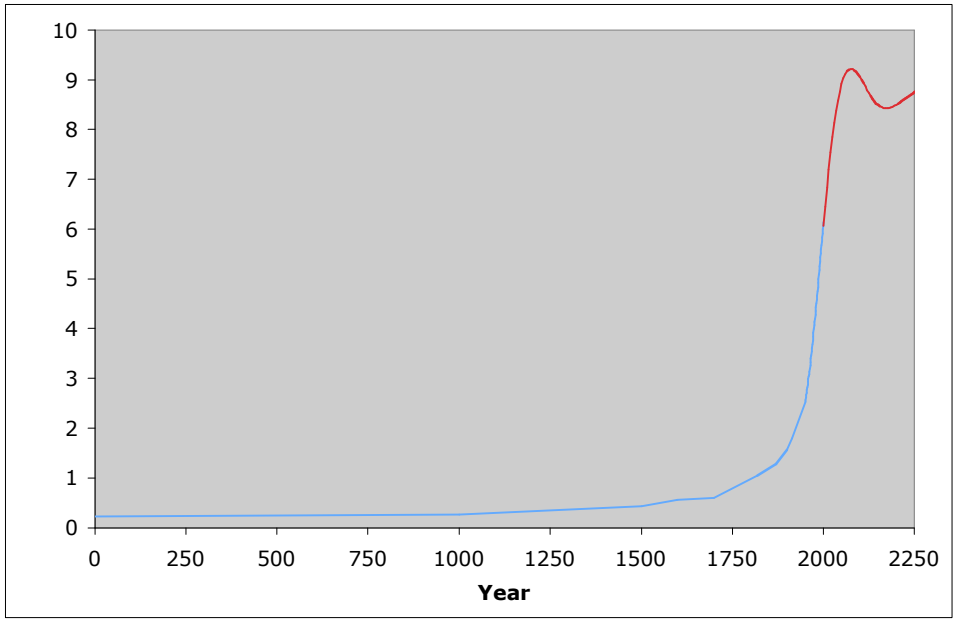
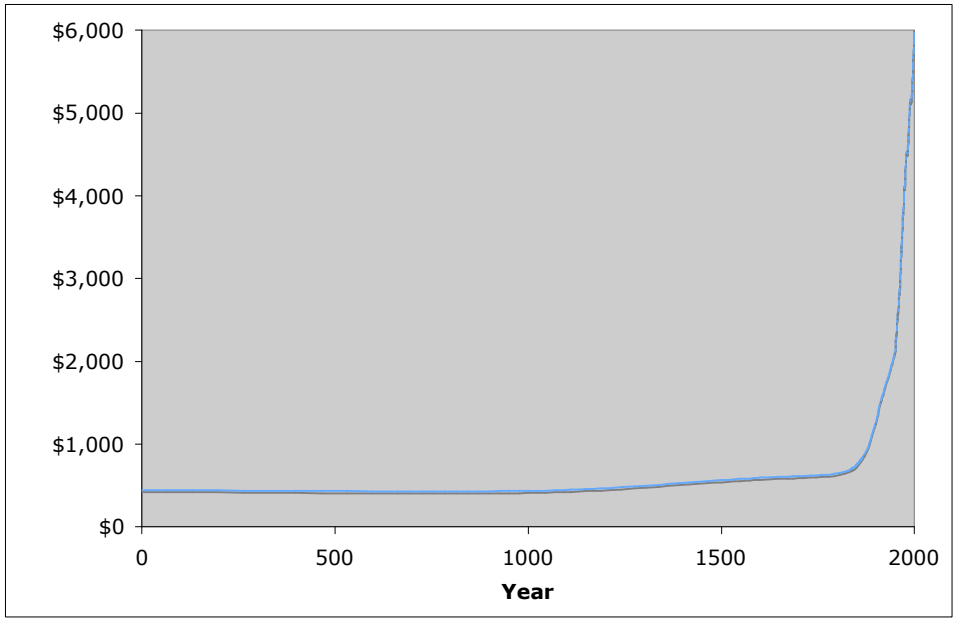
Sources: CDIAC, IPCC, GISS

How to Make It Happen?

- Tipping points can be your friend.
- Every bottleneck has two sides.
- Put the eco into econ.

Aging and Urbanization





The Long View II