



A LOW EMISSION ENERGY SECTOR - THE REQUISITE POLICY SETTINGS

Brad Page

Chief Executive Officer

Energy Supply Association of Australia



esaa is the peak body for the electricity and downstream natural gas industry

- 41 full member businesses
- through-chain representation
- member CEO's determine policy positions
- Strategic, whole-of-industry policy and advocacy

Fast Facts:

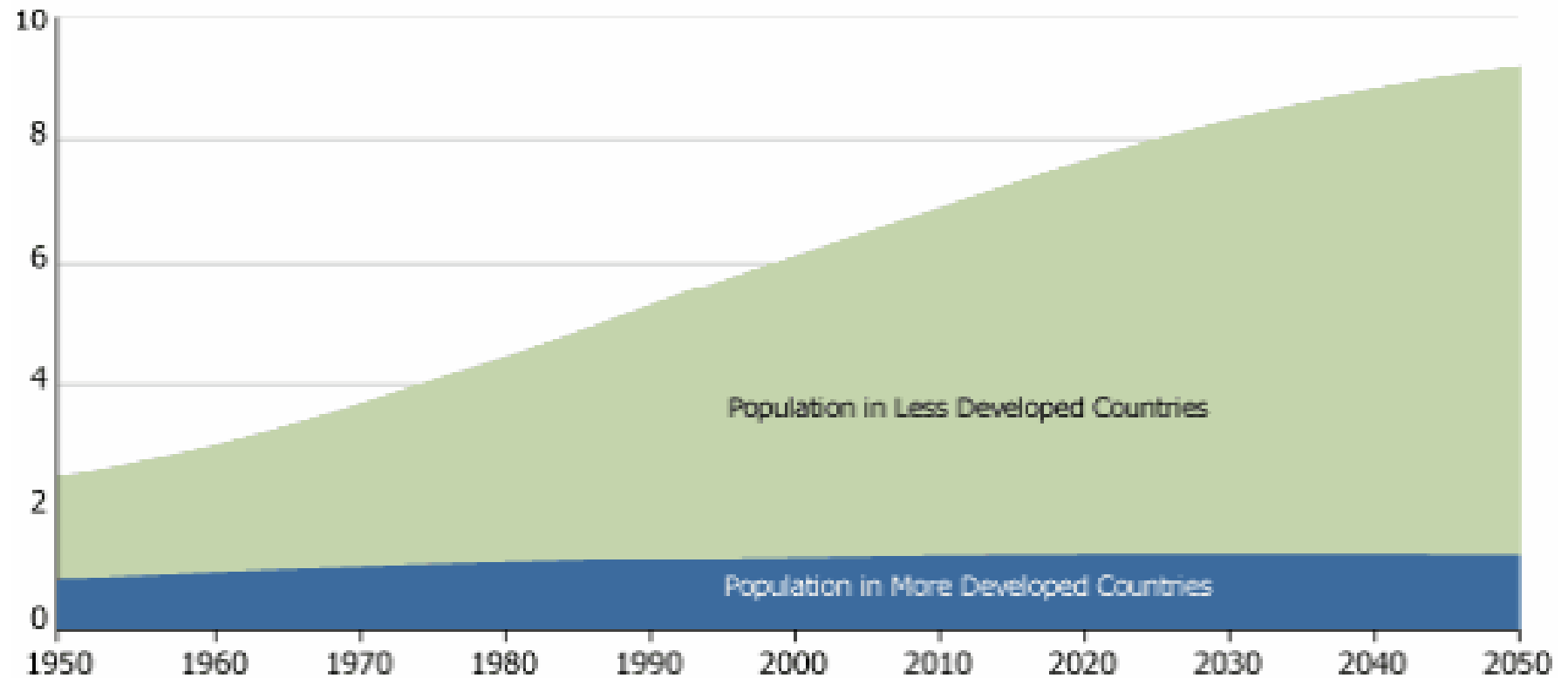


- 52,300 MW generation capacity
- 888,700 circuit kilometres
- 1143 PJ gas consumption per annum
- 109,500 pipeline kilometres
- 9.9 m electricity & 4 m gas customers
- 35% Australia's greenhouse gas emissions

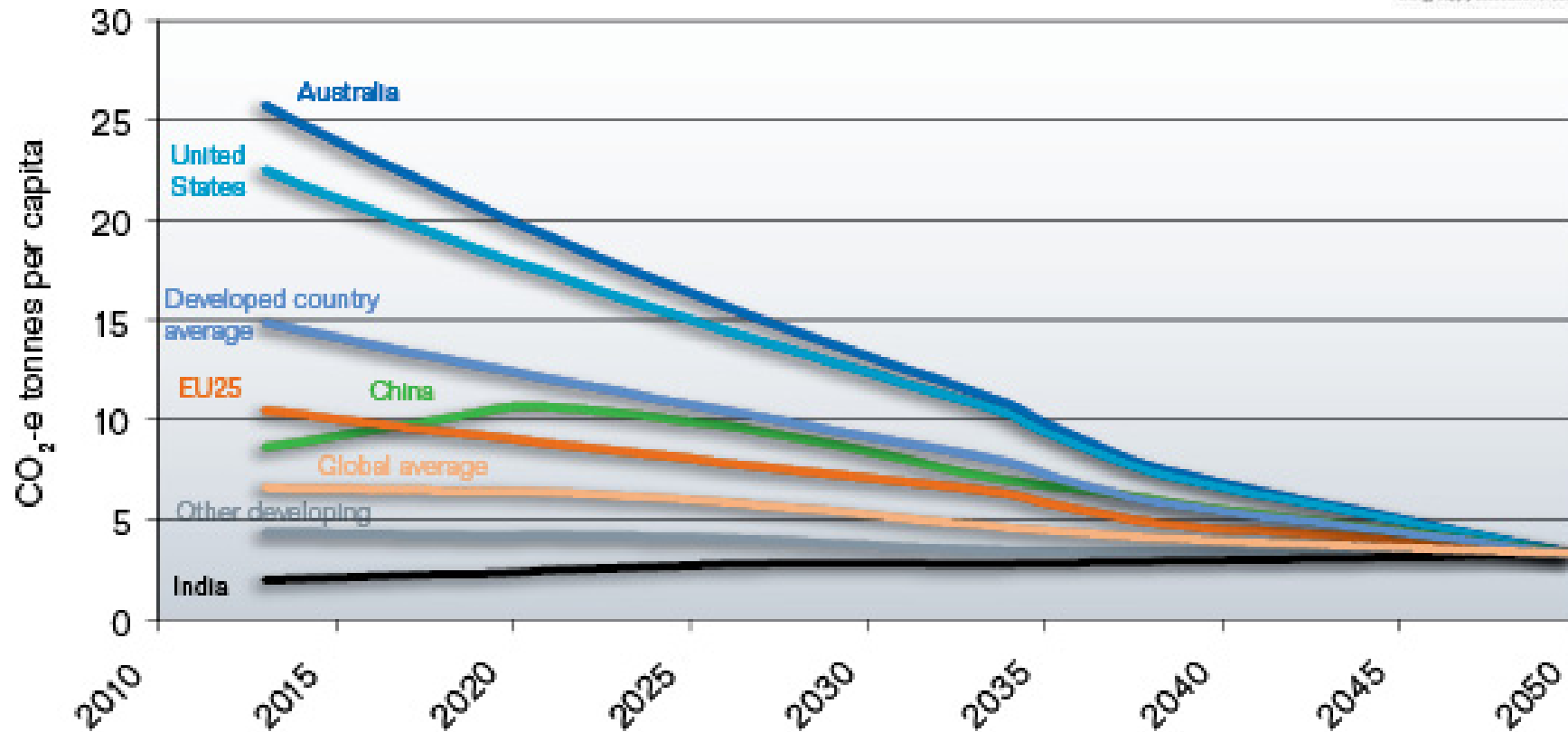
The low emission future



World population in billions, 1950-2050 (projected)



The low emission future



Source: Garnaut Review

Low Emission Electricity in Context



- Government climate change targets
- Population growth / per capita emissions
- Current generation fleet; next generation fleet
- Technology limitations
- New uses for electricity – new structures

Part of a low emission future?



Policy Requirements



- Capital intensive, long-life investments require stable, predictable policy
- Transition matters; pro-investment policy req'd
- Suite of efficient complementary measures – no silver bullet solutions or policies
- Technology development and funding

Summary



- Transitioning to a low emission energy supply is a huge undertaking that depends on good policy
- Good policy will deliver low emissions at a competitive price and without loss of amenity.
- But far-sightedness as well as patience is necessary



A LOW EMISSION ENERGY SECTOR - THE REQUISITE POLICY SETTINGS

Brad Page

Chief Executive Officer

Energy Supply Association of Australia