



AUSTRALIA

21.9 million Population (2009)
924.8 billion US\$ GDP (2009)
42,279 US\$ GDP per capita (2009)

FIGURE 1: GDP PER CAPITA FOR 2009

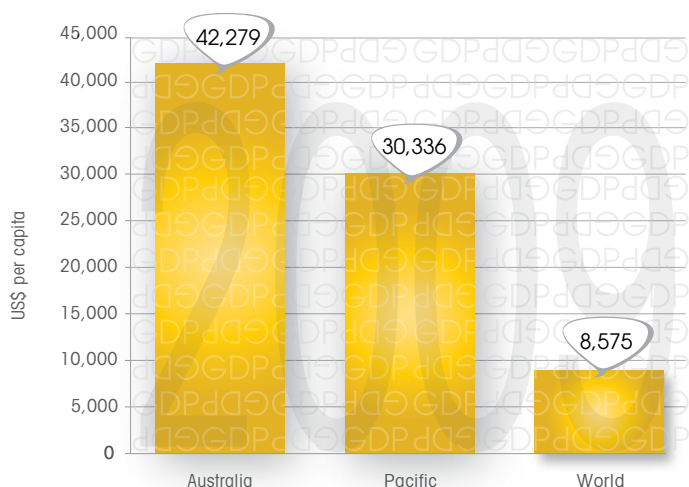
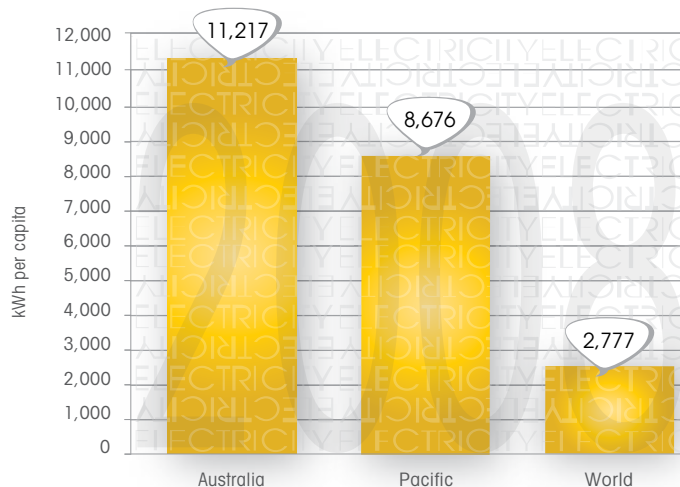


FIGURE 2: ELECTRICITY USE PER CAPITA FOR 2008



ENERGY NATIONAL PROFILE 2008

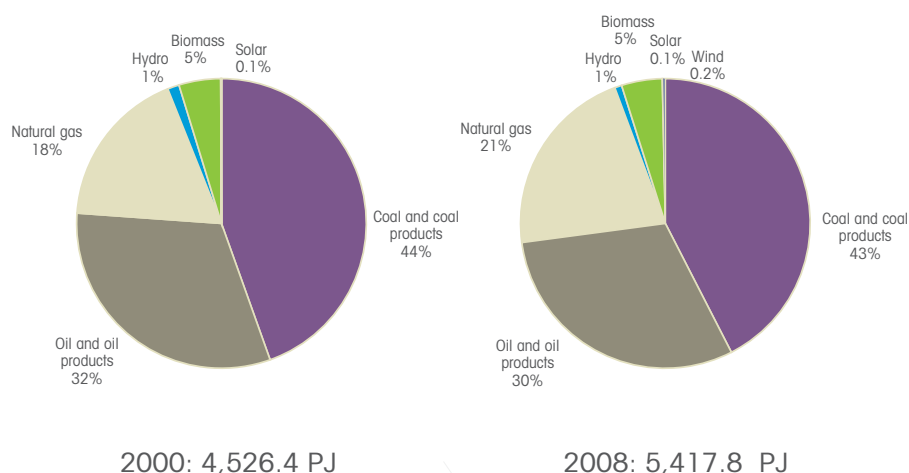
- Total Primary Energy Supply: 5,417.8 PJ – Of which renewables: 303.3 PJ (5.6 %)
- Energy self-sufficiency: 232.6%
- Fuel imports*: 20.1 billion US\$ (12.2 % of total imports)
- Electricity generation: 257.1 TWh - Of which renewables: 18 TWh (7 %)
- Electricity use per capita: 11,217 kWh
- Electrical capacity: 55.5 GW – Of which renewables: 10.5 GW (18.9 %)
- Electricity access rate: Not available
- Share of population using solid fuels: < 5%

TARGETS:

- 20% of electricity generation from renewables by 2020

*2009

FIGURE 3: TOTAL PRIMARY ENERGY SUPPLY IN 2000 AND 2008



POLICIES IN PLACE TO PROMOTE RENEWABLE ENERGY SINCE THE RIO CONFERENCE OF 1992



WORLD BANK EASE OF DOING BUSINESS INDEX: RANKED 10 OUT OF 183

RENEWABLE ENERGY PROJECTS FROM THE GOVERNMENT AND PRIVATE SECTORS:

- More than 70 MW of biomass-fired capacity addition by 2013 (3 projects)
- 125 MW of geothermal capacity addition by 2015 (5 projects)
- Up to 360 MW of solar photovoltaic capacity addition by 2015 (5 projects)
- Up to 250 MW of solar thermal capacity addition by 2015 (3 projects)
- Up to 5700 MW of wind capacity addition by 2015 (44 projects)

NUMBER OF REGISTERED CLEAN DEVELOPMENT MECHANISM PROJECTS FOCUSING ON RENEWABLE ENERGY: NOT APPLICABLE

RENEWABLE ENERGY RESOURCES: ● High ● Medium ● Low ● Unknown



Note: The information on resources should be taken as an indication only. It refers to a general trend of available resources, and does not prejudice the feasibility of individual projects. The thresholds are indicative, and do not refer to any technological choice. The analysis is based on the literature.

Sources: Population and GDP: World Bank; Energy data: IEA, IRENA analysis based on UN data; Share of fuel imports in total imports: World Trade Organisation; Electrical capacity: IEA, EIA; Electricity access rate: World Energy Outlook 2010 database (IEA); Share of population using solid fuels: World Health Organisation; Targets: REN21, IRENA; Policy/legislation: IEA, Reegle, IRENA research; Ease of doing business index: World Bank; Renewable energy projects: Bloomberg New Energy Finance, IRENA research; Clean Development Mechanism projects: UNFCCC; Renewable energy resources: IRENA analysis.

Units: US\$: United States dollar; kWh: kilowatt-hour; GWh: gigawatt-hour (1GWh = 10⁶ kWh); TWh: terawatt-hour (1 TWh=10³ GWh); PJ: petajoule; MW: megawatt; GW: gigawatt (1 GW=10³ MW).