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Department of the Environment, Water, Heritage and the Arts

Renewable Energy Measures and Policies in Australia





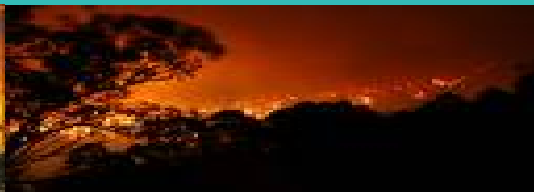
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Climate Change impacts on Australia

- An increase in the occurrence of drought conditions
- An increase in days of very high or extreme fire danger
- An increases in storm surges and severe weather events.

Source: Climate change impacts by region www.climatechange.gov.au





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Australia's Emissions Reduction Targets

- 5-15% reduction on 2000 levels by 2020
- 60% reduction on 2000 levels by 2050





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Renewable Energy in Australia

- Reducing Australia's greenhouse gas emissions
- Changing Australia's energy profile
- Energy security





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Government Measures Supporting Renewable Energy

- Market Making
- R, D & D
- Capacity Building Industry Support





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Market Making

Carbon Pollution Reduction Scheme

- Centre piece of Australia's climate change strategy
- A Cap and Trade scheme
- Captures 75% of Australia's emissions





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Market Making Renewable Energy Target

- 45,000 GWh of RE generated per year by 2020
- ~ 20% of Australia's electricity supply from RE by 2020
- Solar Credits





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Research, Development and Demonstration

- Energy Innovation Fund
- Advanced Electricity Storage Technology
- Wind Energy Forecasting
- Low Emission Technology Demonstration Fund





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Capacity Building

- Solar Cities
- Clean Business Australia:
 - Climate Ready
 - Re-Tooling for Climate Change
 - Green Building Fund





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Industry Support

- Renewable Energy Fund
- National Solar Schools Program
- Renewable Remote Power Generation Program
- Solar Hot Water Rebate





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APP Projects

- RDG-06-01 Solar Systems - PV trough concentrator systems
- RDG-06-27 Aerogenesis - small wind turbines





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RDG-06-01 Solar Systems





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RDG-06-27 Aerogenesis





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Thank you

