

Responding to Climate
Change: **Queensland
Renewable Energy Plan**

Toward **2**
Tomorrow's Queensland



Queensland Government
Office of Clean Energy

Queensland Government's commitment

- Queensland Government committed to address climate change mitigation by:
 - Maximising investment in renewable energy projects throughout the State
 - Engaging in national and international efforts to establish emissions trading
 - Reducing the state's greenhouse gas emissions by investing in technological innovation in clean coal and renewable energy resources
 - Supporting Queenslanders to lower their emissions and conserve water at home, at work and in their local communities.



The Office of Clean Energy

- Advise Government on the appropriate policy frameworks supportive of clean energy initiatives
- Implement the Queensland Renewable Energy Plan
- Identify, map and source potential renewable energy locations around the state
- Assist in removing regulatory barriers to renewable energy industry development
- Develop partnership programs to encourage private sector investment and start-up in the clean energy industry including R&D
- Work with the Australian Government on RET
- Work with the electricity industry to develop demand side innovation and energy efficiency strategies
- Assist deployment of renewable energy infrastructure



Queensland Renewable Energy Plan

- A broad policy platform to accelerate Queensland towards a clean energy future
- Builds on the existing strategies and policies to overcome impediments to the uptake of renewable energy and diversify Queensland's stationary energy sector.





Queensland Renewable Energy Plan Initiatives

Initiatives are broadly divided into three sections:

1. Accelerating Deployment
2. Efficient and Effective Regulation
3. Smart industry, jobs and investment




1. Accelerating Deployment (a)

Household/residential programs:

- The Queensland Solar Hot Water Program
- Renewable energy options for isolated networks

Technology specific:

- Solar Thermal Options for Regional Queensland
 - Multiple small-scale solar thermal plants
 - Large-scale solar thermal feasibility study
- Hot dry rocks – investigate commencing pilot geothermal project to commence by 2014



1. Accelerating Deployment (b)

- Government-Owned Corporations
 - Generators – Stanwell Energy, CS Energy, Tarong Energy
 - Distribution and Transmission entities – Ergon Energy, ENERGEX, Powerlink
- Clean Energy Communities

2. Efficient and Effective Regulation

- Best practice renewable energy regulation
- Amendment to the *Land Act 1994* to allow agricultural lease holders to sublease to renewable energy technologies



3. Smart industry, jobs and investment

- Resource mapping
- Renewable energy as a “priority industry sector”
- Initiatives to be developed through the Industry Development Plan:
 - Renewable Energy Jobs Policy
 - Pilot Renewable Energy Zones
 - Renewable Energy Incentives Package
 - Applying technology and innovation



Measures of success:

- State-based investment of up to \$3.5 billion
- 3,500 clean energy jobs
- Reduce greenhouse gas emissions by more than 40 million tonnes by 2020.

