

CLIMATE CHANGE ACTION

SOUTH AUSTRALIA



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INTERNATIONAL / NATIONAL DEVELOPMENTS

2001

Mandatory Renewable Energy Target commences

2007

National Greenhouse and Energy Reporting Act gains assent

2008

Carbon Pollution Reduction Scheme Green Paper released
Garnaut Climate Change Review final report released
Kyoto Protocol signed by Australia

2009

National Strategy on Energy Efficiency released
Renewable Energy Target (RET) expanded to generate at least 20% of national grid electricity by 2020

2011

Garnaut Review Update released

2012

National Carbon Pricing Mechanism commences
Australian Renewable Energy Agency (ARENA) commences operation
Productivity Commission releases 'Barriers to Effective Climate Change Adaptation' report
Greenhouse & Energy Minimum Standards (GEMS) Act commences

2013

Clean Energy Finance Corporation (CEFC) commences operation
Regional Natural Resource Management Planning for Climate Change Program commences

2014

National Carbon Pricing Mechanism is repealed
Emissions Reduction Fund (ERF) introduced

2015

Climate Change Authority releases 'Special Review: Australia's Future Emissions Reduction Targets' report
ERF commences with first auction
Australia's Intended Nationally Determined Contribution (INDC) submission
United Nations Framework Convention on Climate Change (UNFCCC) 21st Conference of Parties in Paris – Universal Agreement on Climate Change

SOUTH AUSTRALIAN MILESTONES

2003-05



First wind farm constructed at Starfish Hill



Energy efficiency program for low-income households



Herbert Girardet's 'Creating a Sustainable Adelaide' report



Tackling Climate Change Summit in South Australia



Montreal Declaration signed committing to climate change action and target setting

2006



South Australia urges COAG to streamline greenhouse gas and energy reporting



The late Stephen Schneider's 'Climate Change: Risks and Opportunities' report released

2007



Inaugural Sir Hubert Wilkins Chair of Climate Change appointed



'Tackling Climate Change – South Australia's Greenhouse Strategy 2007 - 2020' launched



Climate Change and Greenhouse Emissions Reduction Act enacted



'Black Balloons' awareness raising campaign commences

2008



Inaugural Premier's Climate Change Council (PCCC) established



Solar Feed-in legislation commences



Building Innovation Fund begins four year operation



New water heater energy efficiency installation standards



First Climate Change Sector Agreement established with industry



Container deposit levy increased to 10 cents

2009



Residential Energy Efficiency Scheme commences



Solar panels weighing less than 100 kilograms no longer required to apply for planning or building approval



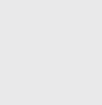
Plastic bag ban in SA begins



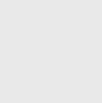
RenewablesSA established



'Water for Good' plan released to diversify water supply



Solar panels announced for new and refurbished government buildings



'Water for Good' plan released to diversify water supply

2010



'30 Year Plan for Greater Adelaide' launched, providing for a low carbon future



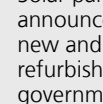
Green Hubs – climate change community grants launched in partnership with the Conservation Council of SA



Agreement renewed with Manitoba (Canada) to continue cooperation on climate change



SA Renewable Energy payroll tax rebate for large wind and solar projects commences



Goyder Institute established, including researching the effects of climate change on water supplies

2011



Adopted 6-star energy efficiency rating for new housing in the Building Code of Australia



Commenced target bans to landfill, including white goods, vehicles and aggregated organic material



New target for the greenhouse gas efficiency of government vehicles established



Water efficient taps and showerheads for government projects

2011



Introduced state specific energy efficiency requirements for air-conditioners



Bowden Village 'sustainable community' development approved



First regional water demand and supply statement released incorporating climate change impacts



First regional Climate Change Sector Agreement established



Renewable Energy Plan for South Australia launched

2012



South Australia achieves its Kyoto emissions reduction commitment target



Low Emissions Vehicle Strategy released



Climate Change Adaptation Framework, 'Prospering in a Changing Climate' launched



Works begin on the Sustainable Industries Complex at Tonsley Park redevelopment



Statewide Wind Farm Development Plan Amendment approved



Major upgrades and electrification to Adelaide Metro rail commences

2013



First regional Climate Change Adaptation Plan released



'2013 State of the Environment' report, featuring a dedicated chapter to climate change



National 'Greenhouse 2013' conference held in Adelaide



South Australia's Climate Change Adaptation Program wins two national awards

2014



PCCC 'South Australia's Climate Change Vision: Pathways to 2050' released



South Australia generates 39% of its electricity from wind and solar



New 50% renewable energy generation target by 2025 announced



South Australia achieves a 27% reduction of waste to landfill since 2002 / 2003

2014



South Australia re-elected as Co-chair of The Climate Group – States and Regions Alliance



Pastoral Land Management and Conservation (Renewable Energy) Amendment Act 2014 passes Parliament



Clean Energy Summit held in Adelaide

2015



Retail Energy Efficiency Scheme commences



Goyder Institute releases climate change projections for South Australia



Building Upgrade Finance legislation tabled in Parliament



Plan to make the City of Adelaide the world's first carbon neutral city



Tonsley redevelopment awarded 6 star Green Star - Communities certification by the Green Building Council of Australia

2015



Signed International Agreement – Compact of States and Regions



South Australia wins two awards – United Nations Association of Australia 2015 World Environment Day Awards



South Australia hosts Jurisdictional Meeting on Climate Change with States and Territories attended by Executive Secretary of UNFCCC

WHAT WE HAVE ACHIEVED

South Australia is recognised as a leader in taking decisive and targeted steps to tackle climate change. Working together, state and local government, industry and the wider community have been able to continue the state's economic growth while reducing emissions to 9% below 1990 levels.

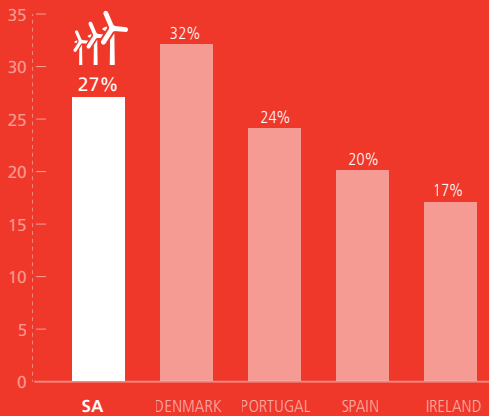
South Australia leads the nation in renewable energy, with 39% of our electricity generation coming from clean sources in 2014 – we have set a new target of 50% renewable energy generation by 2025.

Our award winning climate change adaptation framework, 'Prospering in a Changing Climate' has set the foundation for local action to address the impacts of climate change.

Climate change adaptation plans will be established in all regions of South Australia by the end of 2016.

ELECTRICITY GENERATION FROM WIND 2012-13

Source: RenewablesSA using data from AEMO 2014, BREE 2014.



FUTURE DIRECTION

SOUTH AUSTRALIA

We have committed to making the City of Adelaide carbon neutral. This initiative is designed to drive emissions reduction and increase demand for renewable energy, build the state's green industries, increase resource efficiency and help the transition to cleaner transport modes.

The South Australian Government will consult with the community and business sectors in 2015 on the development of a new Climate Change Strategy to be released in 2016.

AUSTRALIA

The Australian Government will submit its Intended Nationally Determined Contribution (INDC) for inclusion as part of the Universal Agreement on Climate Change. This will formalise Australia's post 2020 Greenhouse Gas Emissions Reduction Target. The South Australian Government has urged the Australian Government to commit to stronger emissions reduction targets, consistent with the advice of the Climate Change Authority.

INTERNATIONAL

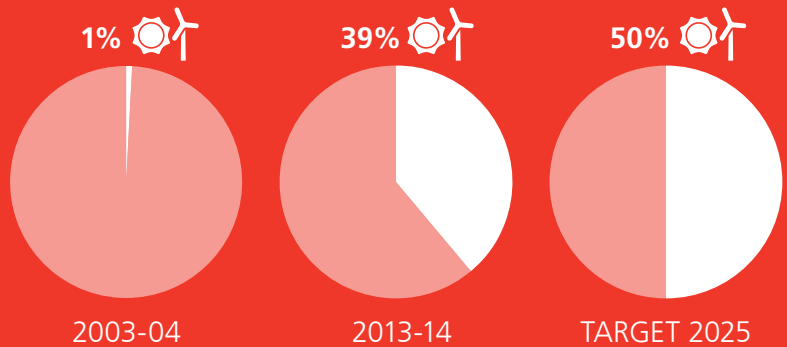
In December 2015 a new international agreement on greenhouse gas emissions reduction will be considered in Paris.

The 21st Conference of the Parties under the United Nations Framework Convention on Climate Change (UNFCCC) is a crucial meeting in achieving universal agreement to combat climate change.

RENEWABLE ENERGY GROWTH

PERCENTAGE OF ELECTRICITY GENERATION

Source: RenewablesSA.



Government of South Australia

Department of Environment, Water and Natural Resources