

CLIMATE POLICY TRACKER

Climate-related wellbeing: impacts, adaptation and transition

Outcome	Enabling outcomes	Key policies	Progress
Strengthen Australia's ability to adapt to a changing climate	Support communities, businesses and governments to adapt to climate change	National Adaptation Plan	Announced and under development including public consultation.
		National Health and Climate Strategy	To be published by the end of 2023.
		Climate Centre focused on the Torres Strait and Northern Peninsula area	Currently being designed.
	Understanding of climate risk and impacts	National Climate Risk Assessment	First pass risk assessment to identify priority risks is nearing completion.
		APS Climate Risk and Opportunity Program	Underway.
An orderly and positive economic transformation in Australia as Australia as the world decarbonises	Ensure Australia, its regions and workers realise and share the benefits of the net zero economy, including by supporting communities and workers take advantage of employment opportunities.	Net Zero Authority	The interim Net Zero Economic Agency has commenced work ahead of the establishment of the Authority by legislation.
Support international partners to adapt to climate change	Capacity building and financial support	Supporting the Indo-Pacific to tackle climate change	Underway.

Reducing emissions

	Emissions reduction outcomes (2023 Emissions Projections. 'with additional measures' scenario ¹)	Outputs/Outcomes	Key policies	Progress
National leadership	<p><u>Current</u>²: 25% below 2005 levels</p> <p><u>Projected 2030</u>: 42% below 2005 levels</p> <p><u>Projected 2035</u>: 53% below 2005 levels</p>	Legislate emissions reduction targets	Climate Change Act 2022	Completed.
		Improve climate change policy across transparency and accountability	Climate Change Act 2022 – requirement to table an Annual Climate Change Statement and for the Climate Change Authority to provide advice to the Minister	Completed.
		Commonwealth/state cooperation on climate action	National Energy Transformation Partnership	The Partnership is in place for Commonwealth, state and territory governments to work together on reforms to help transform Australia's energy system to achieve net zero by 2050.
		APS leadership across all sectors	APS Net Zero	Underway.
			Australian Renewable Energy Agency (ARENA) – administers funding to accelerate the pace of pre-commercial innovation in renewable energy technologies.	Underway.

¹ The 'with additional measures' scenario includes currently implemented policies, announced policies where detailed designed is well progressed, as well as the 82% renewable electricity target and other measures under the National Electric Vehicle Strategy, principally a fuel efficiency standard. For further information please see Australia's emissions projections 2023 (<https://www.dcceew.gov.au/climate-change/publications/australias-emissions-projections-2023>).

² 'Current' in this table refers to emissions in the year to June 2023.

	Emissions reduction outcomes (2023 Emissions Projections. 'with additional measures' scenario ¹)	Outputs/Outcomes	Key policies	Progress
			Clean Energy Finance Corporation (CEFC) – offers financial products and structures to drive private sector investment in a diverse range of activities across the Australian economy.	Underway.
Electricity	<u>Current:</u> 152 Mt CO ₂ -e <u>Projected 2030:</u> 60 Mt CO ₂ -e <u>Projected 2035:</u> 32 Mt CO ₂ -e	Increase renewable generation (to 82% by 2030) <ul style="list-style-type: none"> • Generation • Provide transmission capacity for renewables • Storage • Increase social support • Improve planning and approvals 	Rewiring the Nation	More than \$15 billion under the Rewiring the Nation program has been allocated to priority transmission projects which are in various stages of development and rollout.
			Capacity Investment Scheme	Recently expanded to deliver a total of 32 gigawatts of dispatchable and variable generation capacity. The results of the first auction in NSW were announced in November 2023.
		Establish an offshore wind industry	Offshore renewable energy infrastructure	Two offshore wind zones have been declared.
		Increase energy efficiency	Household Energy Upgrades Fund	Program design is being finalised.
			National Energy Performance Strategy	The strategy is in the final stages of development following public consultation.
Stationary energy, fugitive and	<u>Current:</u> 183.5 Mt CO ₂ -e	Emissions limits on major emitters	Safeguard Mechanism Reforms	Commenced on 1 July 2023.

	Emissions reduction outcomes (2023 Emissions Projections. 'with additional measures' scenario¹)	Outputs/Outcomes	Key policies	Progress
industrial processes and product use emissions	<u>Projected 2030:</u> 167 Mt CO ₂ -e <u>Projected 2035:</u> 143 Mt CO ₂ -e	Develop recommendations on policy options to address carbon leakage	Carbon Leakage Review	Commenced. Due to report by 30 September 2024.
		Support onsite emissions reduction	Powering the Regions - Industrial Transformation Stream	Announced and ARENA taking registrations of interest.
		Support decarbonisation investments at trade-exposed industrial facilities covered by the Safeguard Mechanism	Powering the Regions - Safeguard Transformation Stream	Announced and open for applications.
		Maintain access to key supply chain inputs for clean energy	Powering the Regions - Critical Inputs to Clean Energy Industries	Announced and open for applications.
Transport	<u>Current:</u> 98 Mt CO ₂ -e <u>Projected 2030:</u> 94 Mt CO ₂ -e <u>Projected 2035:</u> 80 Mt CO ₂ -e	Decarbonisation of light and heavy vehicles, and lowering emissions from fuels (including through alternative fuels and improving fuel efficiency)	National Electric Vehicle Strategy	Underway. See below.
			Driving the Nation – EV charging infrastructure, support for electrification	Funding rolling out under the National Electric Vehicle Fast Charging Network program and the Driving the Nation Program.
			Light vehicle fuel efficiency standard	Announced. Commencement date and implementation details forthcoming.
			Driving the Nation – Hydrogen Highways / refuelling infrastructure	Underway. Hume Hydrogen Highway project under development.
Agriculture and land	<u>Current:</u> 18.4 Mt CO ₂ -e <u>Projected 2030:</u>	Advance research and development of technologies to reduce livestock emissions	Methane Emissions Reduction in Livestock (MERiL)	\$16 million in grant funding has been allocated.

	Emissions reduction outcomes (2023 Emissions Projections. 'with additional measures' scenario¹)	Outputs/Outcomes	Key policies	Progress
	23 Mt CO ₂ -e <u>Projected 2035:</u> 24 Mt CO ₂ -e	Support farmers and land managers to reduce emissions and store carbon	Carbon Farming Outreach Program	Grant applications are being assessed.
			Climate-Smart Agriculture Program	Multiple investment streams are to be rolled out over coming months.
Waste	<u>Current:</u> 13.6 Mt CO ₂ -e <u>Projected 2030:</u> 13 Mt CO ₂ -e <u>Projected 2035:</u> 13 Mt CO ₂ -e	Reduce waste, increase recycling and improve resource recovery in the transition to a safe, circular economy	National Waste Policy Action Plan	Underway.
Carbon markets	Not applicable.	Support decarbonisation through carbon markets and voluntary climate action <ul style="list-style-type: none"> • Increase uptake of ACCU Scheme • Ensure confidence in integrity of ACCU Scheme 	ACCU Scheme	The government is implementing the recommendations of the Independent Review of ACCUs.
		Support carbon neutral certification	Climate Active	The government is consulting on proposed reforms to the Climate Active scheme.
		Support development of Carbon Capture, Utilisation and Storage through driving research, development, and demonstration of novel or emerging	Carbon Capture Technologies Program	Underway. Stage 1 closed for applications on 31 October 2023.

	Emissions reduction outcomes (2023 Emissions Projections. 'with additional measures' scenario¹)	Outputs/Outcomes	Key policies	Progress
		CO2 capture and CO2 utilisation technologies		
Support international partners to decarbonise	Not applicable.	Support international partners to lower emissions	Indo-Pacific Carbon Offsets Scheme	Australia is working with initial partners Papua New Guinea and Fiji to support their priorities for meeting their Paris Agreement commitments.

Cross cutting issues

Outcomes	Key policies	Progress
Attract capital investment	Sustainable Finance Strategy	The government's public consultation round on development of the strategy concludes in December 2023.
Establish and grow a renewable hydrogen industry	National Hydrogen Strategy (refresh)	Underway.
	Hydrogen Headstart	The government is considering expressions of interest.
	Regional Hydrogen Hubs Program	Hub funding has been announced for several regions across Australia.
Verification and tracking of emissions associated with hydrogen and renewable energy (and potentially other products)	Guarantee of Origin Scheme	Under development. The Clean Energy Regulator has conducted several trials.
Grow the critical minerals industry	Critical Minerals Strategy	In place.
	Critical Minerals International Partnerships	Underway.
Manufacturing of renewable generation and storage technologies, like batteries	National Battery Strategy	Announced and under development including public consultation.