

Print in time Estimate

Environment 46(2b)

Project title	Description	Priority Area	Lead agency	Funding allocation	Notes on funding source
State of the Environment Report	Prepare a State of the Environment Report that documents baseline environmental data, trends and risks across Tasmania to inform strategic priorities and land use planning, including in relation to environmental management and sustainability issues.	1	Justice	\$ 400,000	2023-24 Budget
Water Catchment Yield Science Update	Explore options for updating hydrological estimates of water catchment yields using contemporary climate change projections.	1	NRE Tas	\$ 450,000	This is the cost of phase 1 (includes funding from Aus Gov). Phase 2 currently unknown/unfunded
Marine research	Work with the University of Tasmania under the Sustainable Marine Research Collaborative Agreement (SMRCA) to better understand the effects of climate change on marine ecosystems, marine industries and cultural practices, and develop options for adaptation.	1	NRE Tas	\$ 250,000	
Healthy Tasmania Five-Year Strategic Plan	Raise awareness about the links between climate change and health, and the ways communities can take action and respond to climate change.	1	Health	\$ 150,000	Funding is per annum.
Citizen science engagement	Participate in and promote citizen science engagement in the Range Extension Database and Mapping Project (Redmap) in partnership with the Centre for Marine Socioecology at the University of Tasmania.	1	NRE Tas		
Skills investment	Continue to provide subsidised training in key transition industries, agriculture, aquaculture and primary industries. Build the skills and capacity of the energy sector workforce to deliver Battery of the Nation, Marinus Link, major renewable and other projects, including hydrogen and transport electrification.	1	State Growth		Existing resources
Tasmanian Sustainability Strategy	Develop a whole-of-state sustainability vision and strategy for Tasmania, which includes the social, environmental and economic dimensions of the UN Sustainable Development Goals.	1	DPAC		
Government business climate-related risk disclosure	Work with Government Business Enterprises and State-owned Companies to continue to improve their understanding of the impact of climate-related risks and the provision of information on those risks.	1	Treasury		Existing resources
Youth Climate Leaders	Support a tailored program for Tasmanian high school students to inspire, educate and empower young leaders. The program will include a climate change initiative, sustainability solutions for local communities, potential national and international collaborative opportunities, mentoring and support, and presentations from keynote speakers, as well as conferences in each region.	1	ReCFIT	\$ 180,000	DPAC/ReCFIT Budget

Electrification and energy efficiency in homes and businesses	Continue the Energy Saver Loan Scheme to support households, small businesses and community organisations by providing interest-free loans of up to \$10,000 for eligible applicants to invest in energy efficient products to help lower their electricity bills. Supported products include solar panels and battery storage systems, heating and cooling systems, electric and solar hot water systems, insulation, window glazing and energy efficient appliances.	2	ReCFIT	\$ 4,497,000	2023-24 Budget
Reducing emissions from tourism and hospitality	Deliver a program to support tourism and hospitality operators to undertake carbon audits, implement measures to reduce their emissions, promote the stories of tourism and hospitality businesses who have actively reduced their emissions and develop a business case to consider how visitors to Tasmania voluntarily contribute to local offset projects.	2	State Growth, Tourism Tasmania	\$ 1,400,000	Existing commitment
Tasmanian Housing Strategy	Develop a Tasmanian Housing Strategy which considers the impacts of climate change and energy efficiency on housing sustainability and ongoing standards of liveability.	2	Homes Tasmania	-	Funding unknown
Energy price relief	Work with the Australian Government to deliver the jointly funded National Energy Price Relief Plan to provide temporary financial support to vulnerable customer groups and small businesses.	2	Treasury	\$ 45,000,000	National Energy Price Relief Plan
Community solar power system installation	Continue to provide financial support to Tasmanian sporting clubs to install solar power systems. Continue to roll out solar panels for schools. The energy savings from the \$5 million Renewable Energy Schools Program will be reinvested to fund further solar installations and sustainability improvements in our schools.	2	State Growth, DECYP	\$ 15,000,000	The sports club program was a \$10 million election commitment. Renewable Energy Schools is a \$5 million election commitment
Business resource efficiency	Continue to deliver the second Business Resource Efficiency Program to improve productivity, and reduce waste and emissions of Tasmania's small- to medium-sized businesses.	2	ReCFIT	\$ 200,000	Climate Change Action Plan
Support the uptake of active transport	Update the Tasmanian Walking and Cycling for Active Transport Strategy to capture the contemporary policy and infrastructure context regarding active transport across all levels of government. Work with local government to improve active transport and micro-mobility infrastructure and facilities.	2	State Growth	-	unknown
Zero emissions public transport	Continue to work with Metro Tasmania to trial zero emissions buses. An electric bus trial is due to commence in the north of the state in 2023 and work is underway to commence a hydrogen bus trial in the south.	2	State Growth, ReCFIT	\$ 6,000,000	2021-22 Budget (BEB only) Funding for hydrogen trial is from the Renewable Hydrogen Development Fund.

Support the uptake of public transport	Continue exploring ways to improve Tasmania's public transport network. For example, the introduction of a statewide fare structure in mid-2023 will deliver fare reductions to a majority of passengers travelling to and from non-urban localities to urban interchanges. This will help to incentivise people living in regional areas to use public transport.	2	State Growth	\$ 6,500,000	
Tasmanian Government fleet	Continue to progress the commitment to transition the fleet to 100 per cent electric vehicles by 2030, including consideration of infrastructure, procurement, education and policies. This will reduce emissions from the government fleet and increase the number of electric vehicles available in the secondhand market.	2	ReCFIT, Treasury	\$ 4,600,000	
Planning for electric vehicles	Embed consideration of electric vehicle charging infrastructure into the Tasmanian Planning Scheme and develop a whole-of-government master plan for electric vehicle charging infrastructure.	2	DPAC, ReCFIT	-	Existing resources
EV Working Group	Continue bringing together key partners to develop a coordinated approach to support the uptake of electric vehicles in Tasmania.	2	ReCFIT	-	Existing resources
Transition to low carbon agriculture	Continue to encourage farmers and other businesses to understand the growing carbon market, through the Carbon Farming Advice Rebate Pilot Program. Expand the Landcare Action Grants program of practical on ground works for sustainable agriculture to support carbon farming initiatives. Encourage dairy farmers to participate in the Dairy Tas 'The 10 Steps' program, which provides information to reduce the carbon footprint of Tasmanian dairy farms. Support the adoption of precision agriculture through the Strategic Industry Partnership Program, including a pilot program to develop and test a grower-led agtech adoption framework in Tasmanian agriculture.	2	NRE Tas	\$ 2,050,000	
Seaweed production	Manage emerging seaweed production activities, including <i>Asparagopsis</i> , to support decarbonisation in other sectors and expand ocean carbon sequestration.	2	NRE Tas	\$ 200,000	
Farm Forestry Carbon Tool	Support Private Forests Tasmania and the Tasmanian Forestry Hub to deliver the Farm Forestry Carbon Tool. The tool will enable landowners to estimate their carbon emissions and sequestration and potential tree offset opportunities, with the goal of encouraging landowners to plant more trees on their properties.	2	NRE Tas	\$ 300,000	https://www.premier.tas.gov.au/site_releases/2015/additional_releases/new-initiatives-to-support-the-forestry-sector2

Sustainable forestry sector	Work with the forestry sector to develop a policy framework that identifies barriers to agroforestry and plantation forestry, promotes plantations and wood products, promotes using locally-sourced timber instead of more emissions-intensive building materials, and explores opportunities for bioenergy and biofuels to reduce fossil fuel use.	2		NRE Tas	\$ 11,500,000	Election commitments/existing funding
Increased rollout of FOGO services in Tasmania	Continue to improve and increase Food Organics Garden Organics (FOGO) reprocessing capacity.	2		NRE Tas	\$ 9,000,000	
Grow the circular economy	Phase out single use plastics by 2025 and continue to improve plastic recycling in Tasmania. Launch a Container Refund Scheme. Partner with the Australian Government to support improved recycling in remote communities. Continue to support the use of recycled materials such as crumbed rubber from waste tyres in the construction and maintenance of the state road network, and research the use of other recycled products and the feasibility of increasing their use in State Road construction in Tasmania.	2		NRE Tas, State Growth	\$ 11,370,000	\$4 mil is for state roads recycled materials \$5.5 for plastic recycling another \$1 million for plastic target \$870,000 for remote communities
Business Energy Efficiency Scheme	Continue the \$50 million Business Energy Efficiency Scheme (BEES) to support electricity customers with annual consumption of more than 150MWh to invest in energy efficiency and electrification opportunities.	2		ReCFIT	\$ 3,450,000	2023-24 Budget
Emissions Reduction Loan Support Scheme	Launch a loan support scheme for large Tasmanian greenhouse gas emitting businesses and industries to trial existing clean technologies, or test new innovative production processes, that will lead to reduced emissions. Ensure the program scope and design complement relevant state and national programs.	2		ReCFIT	\$ 1,300,000	2021-22 Budget
Advocacy to the Australian Government	Continue to advocate for the best outcomes for Tasmanian business and industry under the Australian Government's initiatives to reduce industrial emissions, including reforms to the Safeguard Mechanism and establishing the Powering the Regions Fund.	2		ReCFIT		Existing resources

Renewable Energy Generation	<p>Implement the Tasmanian Renewable Energy Action Plan and Renewable Energy Coordination Framework.</p> <p>Implement the Tasmanian Renewable Hydrogen Action Plan to become a significant producer of renewable hydrogen for local use and export by 2030.</p> <p>Implement the Bioenergy Vision for Tasmania to embed bioenergy as a valued renewable resource for the Tasmanian economy, community and environment as an aid to energy production, waste management, resource recovery and emissions reduction.</p> <p>Continue to invest in hydro-electricity assets, considering the findings of relevant studies to further Tasmania's renewable electricity generation, progressing opportunities for further renewable energy development.</p> <p>Continue to progress national-scale renewable energy projects such as Marinus Link and the Battery of the Nation.</p>	2	ReCFIT	\$ 56,800,000	TREAP and Coordination framework = \$3.8 million Hydrogen - \$53,000,000 (including the \$50 million Tasmanian Renewable Hydrogen Industry Development Funding Program)
Renewable energy investment attraction	<p>Continue to promote the state as an ideal location for investment in renewable energy generation projects, the renewable energy industry supply chain, and industry, to use our renewable energy as an input into industrial or commercial processes.</p> <p>Continue to work with and support a wide variety of proponents across renewable energy projects.</p>	2	OCG		
Government agency emissions monitoring and reporting	<p>Continue to monitor the government's energy use and the associated greenhouse gas emissions from its operations.</p>	2	ReCFIT	\$ 105,000	Existing funding
Government boiler replacement program	<p>Develop a boiler replacement action plan to guide the replacement of fossil fuels used in government boilers with renewable alternatives, with a focus on bioenergy solutions.</p> <p>Implement renewable energy alternatives for government-owned fossil fuel boilers, with a focus on bioenergy solutions.</p>	2	ReCFIT	\$ 10,050,000	
Strategic Horizon Scanning Project	<p>Pilot a horizon scanning framework that will analyse and prioritise Tasmania's strategic disaster risks across a range of threats and hazards (including climate change). This action includes developing an implementation plan to embed an ongoing horizon scanning process into Tasmania's whole-of-government disaster prevention and preparedness arrangements.</p>	3	DPAC	\$ 80,000	
Managing coastal hazards	<p>Work with coastal managers across the state and local government to develop a consistent statewide approach to managing the impacts of coastal hazards under a changing climate.</p>	3	ReCFIT	\$ 100,000	Existing funding

Risk Information Tasmania Portal	Explore the development of a Risk Information Portal for Tasmania that spatially enables municipal emergency risk assessments. The risk assessments will seek to identify and utilise hazard models (for example: flood, fire, coastal hazards, drought) that incorporate climate projections.	3	DPAC	\$ 250,000	
Bushfire preparedness	Deliver a six-week program in Spring 2023 to empower Tasmanians to improve their bushfire preparedness. The program will support Tasmanians to understand their bushfire risk, create a bushfire plan and prepare their properties. Continue delivering the Statewide Fuel Reduction Program to reduce the risk of bushfires impacting on communities. Continue to work with Tasmania Fire Service to mitigate the risk of ignition on the road verge and undertake vegetation management in accordance with Machinery Operating Guidelines.	3	DPFEM, State Growth	-	unknown
Tasmania's Disaster Resilience Strategy 2026-2030	Develop the next five-year strategy that outlines the Tasmanian Government's vision, goals and priority actions to improve Tasmanians' resilience to disasters.	3	DPAC	\$ 45,000	Australian Government National Disaster Risk Reduction Grants Program
TWWHA Fire Management	Treat broad areas of vegetation in and around the Tasmanian Wilderness World Heritage Area to protect natural and cultural values.	3	NRE Tas	\$ 500,000	This is the NRE Tas funding component only
Biosecurity Risk Mitigation	Assess the increased risks of temperate and sub-tropical pests and diseases establishing in Tasmanian marine and terrestrial environments. Prioritise those pests and diseases of highest risk and impact and develop mitigation strategies to address the highest risk species.	3	NRE Tas	\$ 2,000,000	
Impacts of climate change on the physical health and wellbeing of Tasmanians	Support actions that protect vulnerable Tasmanians from the impacts of climate change, such as bushfires, extreme heat and cold weather events. Support community action on climate change and health through the Healthy Tasmania Fund - Healthy Focus Grants.	3	Health	\$ 450,000	\$150,000 pa (Climate Change and Health Focus Area) \$300,000 (Grants)
Liveable cities	Create more liveable communities that improve health and wellbeing and address climate change. This includes active living strategies and supporting local food production, as well as actions to support good water and air quality.	3	Health	-	
Business resilience	Promote information and capability-building opportunities for small- and medium-sized businesses and not-for-profit organisations to improve continuity planning and build resilience to the physical and transitional impacts of climate change. Promote and support cross-sectoral opportunities for businesses to work together to improve their capacity and capability to respond to climate change.	3	State Growth	\$ 57,000	Natural Disaster Risk Reduction Grant Program

Embed climate change in land use planning system	Ensure the impacts of climate change are considered in Tasmania's planning policies and regional land use strategies and planning regulations.	3	DPAC	-	Existing resources
Sustainable and resilient infrastructure	Work across state agencies to establish sustainability and resilience best practice principles in the planning and delivery of infrastructure. Identify opportunities for improving resilience as part of the upfront planning work when developing corridor strategies for state roads.	3	State Growth	-	Existing resources
Embed climate change in strategic planning	Ensure climate change modelling is incorporated into strategic planning and decision making at state and local level to inform land release and the location of future housing. This action aims to mitigate the impacts of climate change on future residents and housing developments.	3	DPAC	-	Existing resources
Farm Business Resilience Program	Deliver the joint Australian and Tasmanian Government Farm Business Resilience Program from mid-2023 to 2025 designed to give farmers the tools they need to prepare for and adapt to a changing climate and build business resilience through business planning.	3	NRE Tas	\$ 2,800,000	This is part of the \$2.8 million Rural Business Resilience Package
Regional Drought Resilience Planning Program	Apply a partnership approach with regional development authorities, local government, industry, businesses and community stakeholders to develop Regional Drought Resilience Plans for the north, north west and south that prioritise and guide localised actions to build Tasmania's resilience to future droughts.	3	NRE Tas	-	This is part of the \$2.8 million Rural Business Resilience Package (funding split is not clear so have attributed just to the FBR program above)
Dairy industry adaptation and sustainability	Partner with DairyTas to deliver a climate adaptation and environmental sustainability program for the dairy industry.	3	NRE Tas	\$ 241,630	
Irrigation infrastructure	Roll out Tranche III of Pipeline to Prosperity to meet increased demand for irrigation schemes and support Tasmanian Irrigation to develop a business case for the south east extension scheme.	3	NRE Tas	\$ 51,050,000	2021-22 Budget plus 2022-23 Budget.
Fisheries Harvest Strategies	Improve the design of Harvest Strategies for commercial and recreational fisheries to better incorporate climate resilience.	3	NRE Tas	\$ 200,000	
Long spined sea urchin control	Reduce the impacts of range-extended urchins on Tasmania's marine ecosystems due to the warming of waters on Tasmania's east coast.	3	NRE Tas	\$ 2,500,000	
Fisheries management	Work with CSIRO on integration of new national climate adaptation guidelines into fishery management approaches.	3	NRE Tas	-	
Research Collaboration with Blue Economy CRC	Work with Blue Economy CRC on a range of approaches that will promote greater resilience and adaptation by aquaculture and energy industries working in offshore marine environments (for example, co-production of finfish and seaweed).	3	NRE Tas	\$ 200,000	
TOTAL	55			\$ 251,225,630	