

Climate Change Office



Climate Change Activity Statement 2024

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Cover images: Chris Crerar

The Climate Change Office acknowledges the traditional owners of this Country and recognises Aboriginal people’s continuing connection to Land, Sea, Waterways, Sky and Culture. We pay our respects to Elders, past and present.

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Minister's message

I am proud to present Tasmania's first Climate Change Activity Statement, which provides a summary of our action on climate change over the past financial year.

The statement summarises how we have delivered on the actions in *Tasmania's Climate Change Action Plan 2023-25*.

Since the launch of the action plan, 11 of the plan's 98 actions have been completed, eight are nearing completion, 49 actions are in progress and 29 are ongoing.

Some of our key achievements over the past financial year are:

- providing financial support to help Tasmanians transition to electric transport. The e-mobility program provided \$200,000 to 501 Tasmanians with rebates for their electric bikes, cargo e-bikes and personal mobility devices, such as e-scooters. Nearly 200 rebates of \$2,000 have also been provided for Tasmanians to purchase battery electric vehicles
- developing Tasmania's first climate change risk assessment, which will help us prioritise actions that support Tasmania to adapt to the impacts of a changing climate
- awarding TasFarmers a grant of \$4 million to reduce emissions from livestock. TasFarmers will work with the Tasmanian Institute of Agriculture (TIA), Fonterra, Annandale Dairy Farm, Sea Forest and AEON Tasmanian feedlot to trial seaweed feed supplements to reduce an estimated 16,350 tonnes of carbon dioxide equivalent over the next three years
- supporting 14 small to medium-sized businesses to reduce their waste, through the Business Resource Efficiency Program.



Across other areas of government, we are also taking action on climate change, for example we have:

- provided half price fares for buses and the River Derwent Ferry until 30 June 2025 and \$20 million to expand the River Derwent Ferry Service with three new ferry terminals
- provided \$4.5 million to councils to improve active transport infrastructure
- committed \$900,000 over three years support Tasmanian landholders to enter carbon markets through the Landcare Action Grants Program
- invested in the new Dulverton Organics Treatment facility to reduce the organic waste sent to landfill, and opened consultation on an approach for phasing out single use plastics
- launched the \$300 million Tasmanian Green Hydrogen Hub project at Bell Bay, with funding from both the Tasmanian and Australian governments
- provided over 4,100 no-interest loans since to help fund the purchase and installation of energy efficient products and upgrades in Tasmanian households, not-for-profits and businesses.

In line with our legislation, the government is currently preparing Emissions Reduction and Resilience Plans for six Tasmanian sectors. The plans will help Tasmania reduce emissions, as well as support our businesses and industries in the transition to a low emissions economy and build resilience to climate-related risks.

The transport sector plan is due to be published in mid-2024. Draft plans for the energy, industrial processes and product use, agriculture, and land use, land use change and forestry sectors are currently open for public consultation. The final plans for these sectors, and the waste sector, are expected to be released in late 2024.

The Tasmanian Greenhouse Gas Report, released in August 2024, showed that our state has achieved net negative emissions for the ninth reported year in a row. However, our net negative status is not guaranteed and there is more we can do to reduce our emissions and prepare for a changing climate. We will continue to implement the actions in our action plan over the next financial year.

Nick Duigan MLC

Minister for Energy and Renewables



Image: Chris Crerar

Our plans

Action Plan

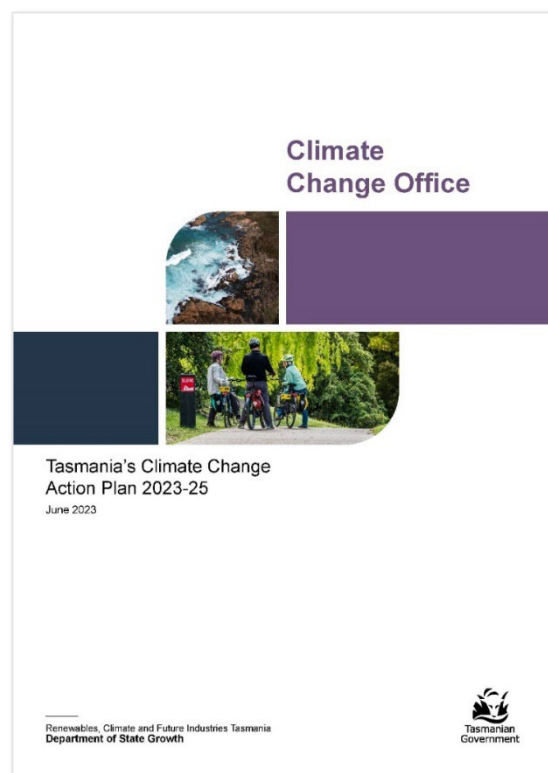
In June 2023, the Tasmanian Government released *Tasmania's Climate Change Action Plan 2023-25* (the Action Plan) and *Tasmania's Climate Change Action Plan 2023-25 – Implementation Plan*. These documents detail the Tasmanian Government's plans for action on climate change.

The action plan has three priority areas:

1. Information and knowledge
2. Transition and innovation
3. Adaptation and resilience

The Climate Change Office (CCO), in Renewables, Climate and Future Industries Tasmania (ReCFIT) is implementing the action plan, along with other agencies across the Tasmanian Government. The Plan was prepared in collaboration with relevant business, industry, scientific, environmental and community bodies, children and young people, local government, relevant unions, and the broader Tasmanian community. ReCFIT is a division of the Department of State Growth.

This activity statement provides an update on the progress of the actions and is a requirement under the *Climate Change (State Action) Act 2008* (the Act).



Emissions Reduction and Resilience Plans

To help us achieve our legislated target of net zero greenhouse gas emissions, or lower, from 2030, the Act requires the government to develop sector-based emissions reduction and resilience plans every five years, in consultation with business and industry. The plans will support a practical and balanced approach for our key sectors to reduce greenhouse gas emissions and build resilience to climate change.

The Act requires that this Activity Statement will report on progress against the plans.

Progress on the plans:

- targeted consultation has been completed for all sectors
- public consultation has been completed for the transport and waste plans
- the draft plans for the remaining sectors were released for public consultation in September 2024
- the final transport plan is expected to be released in mid-2024, and the final waste plan is expected to be released with the other final plans in November 2024.

The next Climate Change Activity Statement will report on progress against the sector-based plans, as required under the Act.

Our greenhouse gas emissions target



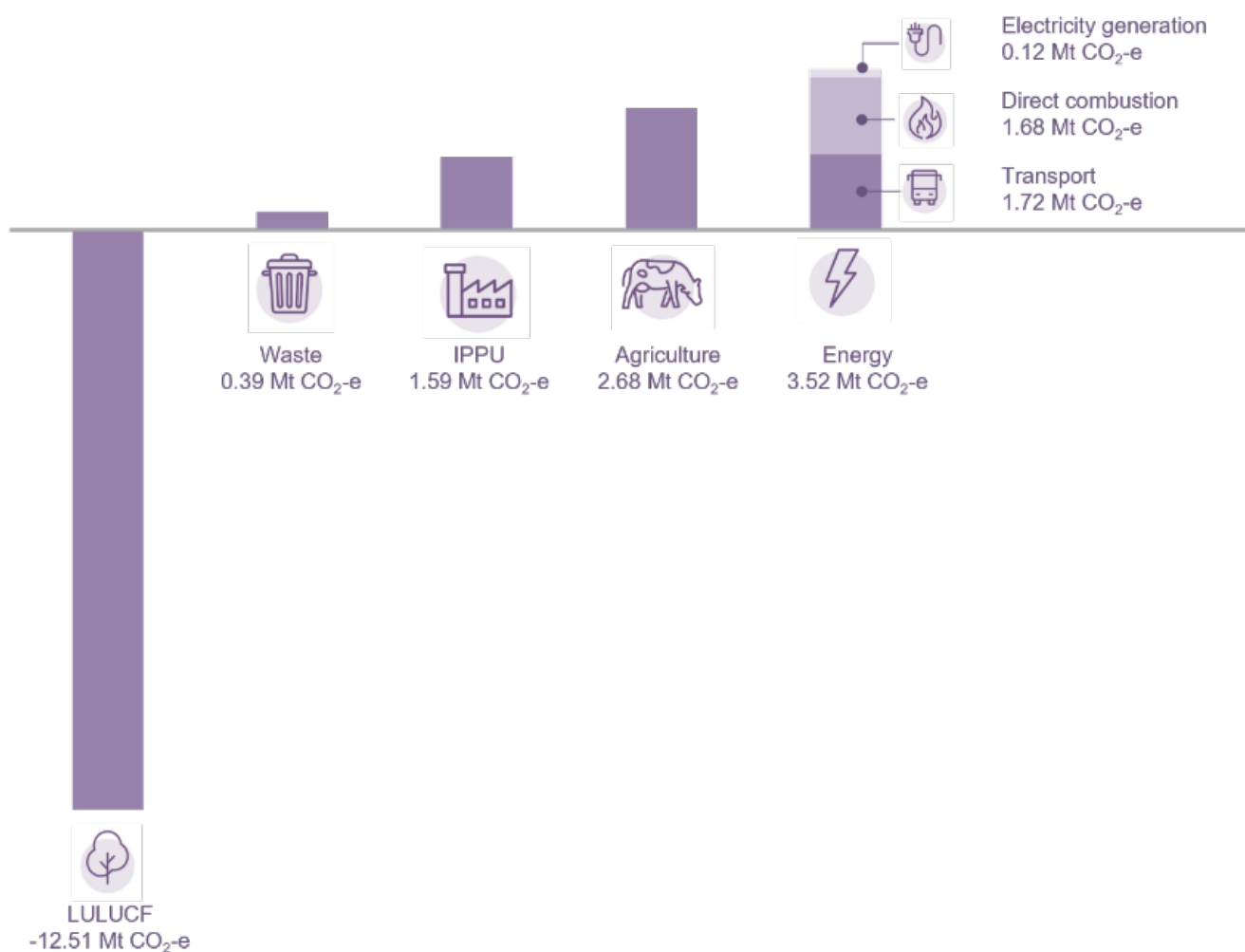
The Tasmanian Government has committed to net zero emissions, or lower, from 2030 – the most ambitious legislated emissions reduction target in Australia.

Each year, the Australian Government releases its annual State and Territory Greenhouse Gas Inventories. The latest figures, for the 2022 reporting period, were released in April 2024.

In 2022, Tasmania's net emissions were **minus 4.34 megatonnes** (Mt) of carbon dioxide equivalent (CO₂e). This is a **reduction of 122.2 per cent** from 1990 levels.

Tasmania has achieved its legislated target of net zero emissions, or lower, by 2030 for the past nine reported years.

Tasmania has the lowest net emissions, and the lowest emissions per person, of all Australian states and territories.



Our key achievements

Over the past year, the Tasmanian Government has delivered a range of programs to help reduce our greenhouse gas emissions and adapt to a changing climate.

Low Emissions Livestock Grant Program

TasFarmers was recently awarded the \$4 million Low Emissions Livestock Grant funding.

The funding will support a commercial-scale trial of feed supplements to reduce emissions from livestock, and demonstrate the feasibility and benefits of these technologies, to encourage broader uptake.

TasFarmers will be working with the Tasmanian Institute of Agriculture (TIA), Fonterra, Annandale Dairy Farm, Sea Forest and AEON as key partners.

The TasFarmers proposal will introduce Sea Forest's *Asparagopsis* seaweed feed supplements to approximately 24,000 head of livestock, across both dairy and beef, to reduce an estimated 16,350 tonnes of carbon dioxide equivalent over the next three years.

The project will also include education and awareness activities and the development of tools and resources for livestock producers to support them to adopt low emissions technologies on their farms. The data and learnings from the trial will be used to develop the resources.

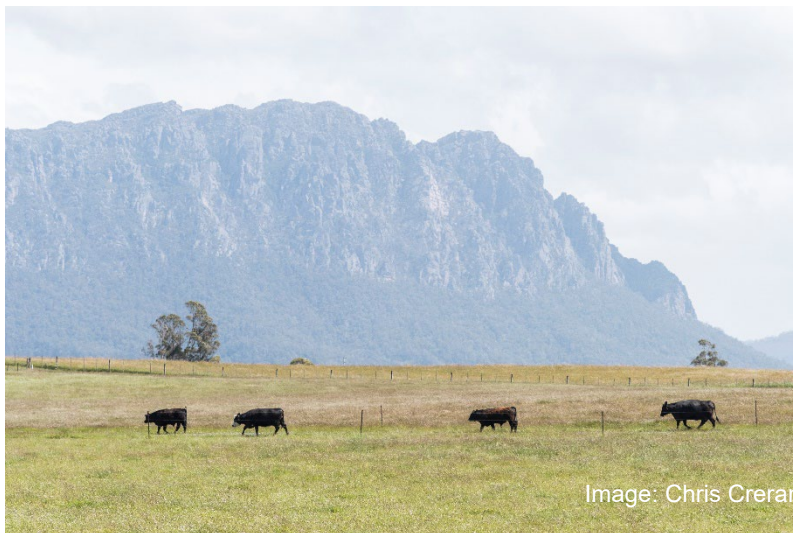


Image: Chris Crerar

E-mobility rebates



Image: Pixabay

Between November 2023 and March 2024, the government offered incentives to help reduce Tasmania's transport emissions, by encouraging people to swap their daily commute for an electric alternative, such as an e-bike.

The program distributed \$200,000 in rebates for purchases of e-bikes, cargo e-bikes and personal mobility devices, such as e-scooters. A total of 501 rebates were provided: 110 in the state's north, 171 in the north west and 220 in the south.

Electric vehicle rebates

In November 2023, the government launched a \$750,000 rebate program to support the purchase of battery electric vehicles. There was a total of 375 rebates available, at \$2,000 each.

As of the end of June 2024, 181 rebates were approved and paid, totaling \$362,000. One hundred and forty were to applicants in the south of the state, 28 to applicants in the north and 13 to applicants in the north west.

Business Resource Efficiency Program

The \$200,000 Business Resource Efficiency Program (BREP) aimed to help small to medium-sized Tasmanian businesses reduce their waste and use of resources, through waste audits, working groups, and online resources.

There have been two rounds of BREP, both delivered by Business Action Learning Tasmania and funded by the Tasmanian Government.

The most recent round was completed in early 2024. Fourteen businesses, made up of 19 individual participants, took part. Seven businesses were located in the north of the state, six in the south and one in the north west.

Resources from the program are publicly available on the ReCFIT and BALT websites.



Image: BALT

Youth Climate Leadership Program

The Youth Climate Leadership program aims to develop students' understanding of climate change and actions that can contribute to the global effort to address climate change and build sustainability.

In March 2023, Sustainable Living Tasmania was awarded a Tasmanian Government grant of \$180,000 to deliver the Youth Climate Leadership program, over two years, in partnership with the University of Tasmania.

There were over 200 participants across 22 schools and homeschool students from around Tasmania, delivering 23 climate action projects in their region.

Two sets of conferences are held each year. The first set aims to build participants' knowledge in climate science, skills to engage with others to take climate action, and hope and resilience for the future. The second set of conferences focus on students sharing the outcomes of climate action projects implemented in their schools.

The project outcomes and learnings were shared by students at the second set of conferences in September 2024.

Energy Saver Loan Scheme



Image: Chris Crerar

The Energy Saver Loan Scheme provides no-interest loans to help fund the purchase and installation of energy efficient products and upgrades.

The Scheme supports 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.





The Scheme has been extremely popular. Over 4,100 loans have been provided since the scheme launched, valued at \$34.6 million.

Summary of our progress

Our progress against *Tasmania's Climate Change Action Plan 2023-25*

Tasmania's climate change action plan has 98 actions across three priority areas. This activity statement shows progress against each of the actions in the action plan.

The following table summarises the status of the actions in the action plan. Actions are shown as in progress, nearing completion, complete, or ongoing.¹

	In progress	Nearing completion	Complete	Ongoing
 In progress				
 Nearing completion	Priority Area 1: Information and Knowledge 13	3	1	4
 Complete	Priority Area 2: Transition and Innovation 24	2	9	12
 Ongoing	Priority Area 3: Adaptation and Resilience 12	3	1	13
	Total	49	8	11

¹ One action has been discontinued. The Emissions Reduction Loan Support Scheme (action 2.7.2) did not commence as expected in 2024. The funding has been reallocated to the implementation of the sectoral emissions reduction and resilience plans.

1 – Information and knowledge










We will ensure our businesses, industries, governments and communities can make informed decisions by providing up-to-date, high quality and user-friendly information about Tasmania’s emissions, our future climate, and emissions reduction, sequestration and adaptation opportunities.

1.1 Tasmanians will have up-to-date information about our changing climate



Action	Description	Lead agency	Commentary	Status
1.1.1 Updating the fine-scale climate projections for Tasmania	Develop new fine-scale or “down-scaled” projections for Tasmania using the latest global climate models (CMIP6). The updated projections will support business, industry, community and government to understand the projected future climate for Tasmania, and plan for and build resilience to the impacts of a variable and changing climate.	ReCFIT (CCO)	Stakeholder consultation and user needs analysis is underway. Consultation is expected to commence in mid to late 2024.	●●● In progress
1.1.2 Updating our information on the impacts of climate change on Tasmania’s natural environments and resources	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.	Tasmanian Planning Commission	Drafting of the Tasmanian 2024 State of the Environment Report is well advanced and is due for release in mid to late 2024.	●●●●● Nearing completion
1.1.3 Updating our information on the impacts of climate change on Tasmania’s natural environments and resources	Explore options for updating hydrological estimates of water catchment yields using contemporary climate change projections, through the Water Catchment Yield Science Update.	NRE Tas	The research phase has been completed and a pathway developed. Funding has been obtained via the National Water Grid Authority to implement the program. New catchment yield estimates are expected by June 2027.	●●● In progress
1.1.4 Updating our information on the impacts of climate change on Tasmania’s natural environments and resources	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.	NRE Tas	The climate-related research undertaken through the SMRCA will inform future fisheries and aquaculture management by government. Core funding is set at \$2.6 million a year and the Tasmanian Government has recently committed to an additional \$2 million over four years. The SMRCA has a target to leverage funding from external organisations. Additional Department of Natural Resources and Environment Tasmania (NRE Tas) funding can be provided for supplementary projects.	🔄 Ongoing


1.2 Tasmanians will have improved access to resources about climate change and skills training in key industries

Action	Description	Lead agency	Commentary	Status
1.2.1 Improving accessibility and useability of information about climate change	Deliver a public education program on climate change impacts and opportunities	ReCFIT (CCO)	This program of work is currently being scoped and has strong links to the climate change resources for schools program. The program will focus on empowering and educating children and young people, and the Tasmanian community, to understand the causes and consequences of climate change on the Tasmanian environment, and ways to take action and adapt.	 In progress
1.2.2 Improving accessibility and useability of information about climate change	Develop a suite of resources that meet user needs to support state and local government, industry and the community make informed decisions about managing climate risks and opportunities.	ReCFIT (CCO)	After the statewide climate change risk assessment is complete, decision support tools and resources will be developed to support stakeholders to apply the findings from the risk assessment in a practical way. This project is funded under the Australian Government's Disaster Ready Fund.	 In progress
1.2.3 Improving accessibility and useability of information about climate change	Raise awareness about the links between climate change and health, and the ways communities can take action and respond to climate change.	Health	<p>A range of activities have been delivered to raise awareness about the links between climate change and health, including:</p> <ul style="list-style-type: none"> • Presentations at the Annual Climate Change Symposium, Statewide Health Environmental Steering Committee and Regional Mental Health Council Tasmania meetings. • Ongoing engagement with local government. • A webinar on sustainable healthcare projects in partnership with WA Health Sustainable Development Unit. <p>There is also a commitment to the Monash Consortium on Transitions to Sustainable Health Systems – an initiative to develop a roadmap to decarbonise the health system.</p>	 Ongoing
1.2.4 Updating Tasmania's enterprise suitability mapping	Update Tasmania's enterprise suitability maps to incorporate the latest climate projections and extend the maps out to 2100 to support decision making in our agriculture sector.	NRE Tas	The 2022 baseline climate layers for the Digital Climate Map Dataset Repository are complete (76 datasets). The project is now awaiting the new Global Climate Models (GCMs) to extend these maps to the year 2100 using the enterprise suitability mapping downscaling workflow.	 In progress
1.2.5 Promoting 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.	NRE Tas	<p>Support has been provided to RedMap to undertake an assessment of marine species moving location in Tasmania because of climatic changes.</p> <p>The overall objective of this project is to enable RedMap Tasmania to track the next ten years of marine species moving into new locations.</p>	 In progress




Action	Description	Lead agency	Commentary	Status
1.2.6 Investing in skills	Continue to provide subsidised training in key transition industries, agriculture, aquaculture and primary industries.	State Growth	Skills Tasmania administers a range of competitive funding programs for delivery of nationally recognised training to address the government's current workforce development and training priorities. Key transition industries are supported through these programs.	 Ongoing
1.2.7 Investing in skills	Build the skills and capacity of the energy sector workforce to deliver Battery of the Nation, Marinus Link, major renewable energy and other projects, including hydrogen and transport electrification.	State Growth	Industry Skills Compacts for the Energy and Building and Construction centres have both been signed. (Industry Skills Compacts are agreements between industry bodies and the Tasmanian Government to progress training and workforce development.) A demand and supply study has been completed for electrotechnology skills and training. The north west training facility is in the scoping stage.	 In progress


1.3 Climate change considerations will be embedded in government decision making

Action	Description	Lead agency	Commentary	Status
1.3.1 Ensuring government entities consider climate change	Develop a whole-of-government policy framework to embed climate change consideration into government decision making by late 2024. The framework will consider Ministerial guidelines, guidance material and decision support tools, information on scientific, legal and market developments, and training opportunities. It will be informed by the principles recommended by the independent review of the Act.	ReCFIT (CCO)	The government is progressing a framework to build capability and embed climate change consideration in whole-of-government policy. The next steps involve analysing agency baseline information to understand the current consideration of climate change in decision making (plans, policies and strategies) and introducing educational material to enable agencies to include climate change considerations in risk assessments.	 In progress
1.3.2 Ensuring government entities consider climate change	Develop a whole-of-state sustainability vision and strategy for Tasmania, which includes the social, environmental and economic objectives of the UN Sustainable Development Goals.	DPAC	In the second half of 2023, a discussion paper was released for public and targeted consultation, inviting Tasmanians help create Tasmania's sustainability vision and goals. The consultation website attracted 173 contributions, and 38 written submissions were also received. A draft sustainability strategy is being finalised with agencies before release for public consultation.	 In progress




Action	Description	Lead agency	Commentary	Status
1.3.3 Ensuring government entities consider climate change	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.	Treasury	Treasury has embedded the requirement to consider and provide information on climate-related risks into the annual corporate planning process for Government Business Enterprises and State-owned Companies. The emphasis is on the businesses understanding the risks, potential impacts, and mitigation strategies in relation to these risks.	 Complete

1.4 Our children and young people will be empowered to shape their future

Action	Description	Lead agency	Commentary	Status
1.4.1 Developing climate change resources for schools	Develop climate change resources for Tasmanian schools. The resources will aim to build a generation of young Tasmanians who are critical thinkers, involved in exploring and understanding the science of climate change, its causes and solutions, and how society and our economy will need to build resilience and adapt to its impacts.	ReCFIT (CCO), DECYP	CCO is working with the Department for Education, Children and Young People to incorporate climate change into the school curriculum. Work is underway to develop the curriculum and resources for teachers to implement the new materials.	 In progress
1.4.2 Supporting the delivery of 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.	ReCFIT (CCO)	Sustainable Living Tasmania was awarded a Tasmanian Government grant of \$180,000 to deliver the Youth Climate Leaders program over 2023-24. The first set of conferences in March were a great success. There were over 200 participants across 22 schools and homeschool students from around Tasmania, delivering 23 climate action projects in their region. The second set of conferences will be held in September 2024.	 Nearing completion
1.4.3 Consulting with children and young people	Work with key partners to develop appropriate mechanisms and resources for consulting with children and young people, in accordance with the Act.	ReCFIT (CCO), DECYP	CCO has drafted an Engagement Strategy for Children and Young People, aimed at improving the ways in which we engage and consult with Tasmania's youth. The Engagement Strategy is expected to be published and available on the ReCFIT website in late 2024.	 Nearing completion

Action	Description	Lead agency	Commentary	Status
1.4.4 Addressing the impacts of climate change on mental health and wellbeing of children and young people	Work with key partners to explore additional options to address the impacts of climate change on the mental health and wellbeing of Tasmanians, with a focus on children and young people.	ReCFIT (CCO)	<p>Work is underway, in collaboration with the Department of Health, to consider options to address the impacts of climate change on mental health, with a focus on children and young people.</p> <p>There are already various projects being undertaken or scoped for delivery by the Department of Health that address the impacts of climate change on mental health. CCO is planning to share information and resources to support children and young people on the ReCFIT website.</p>	 In progress

1.5 We will be continuing to collaborate and consult with key stakeholders to improve our understanding of climate change impacts, risks and opportunities

Action	Description	Lead agency	Commentary	Status
1.5.1 Improving climate change governance in Tasmania	Consult with the Climate Change Reference Group on the government's strategic priorities and emerging opportunities in climate change mitigation and adaptation.	ReCFIT (CCO)	The Climate Change Reference Group provides strategic advice and feedback to the Minister for Energy and Renewables and ReCFIT and held its first meeting in 2023. The Reference Group supports the achievement of Tasmania's net zero emissions target and is consulted on the government's priorities and emerging opportunities in climate change mitigation and adaptation.	 Ongoing
1.5.2 Improving climate change governance in Tasmania	Review climate change governance arrangements in Tasmania.	ReCFIT (CCO)	The governance review will be considered as part of the next independent review of the <i>Climate Change (State Action) Act 2008</i> , due to commence in late 2024.	 In progress
1.5.3 Incorporating Tasmanian Aboriginal knowledge	Explore options for incorporating Aboriginal knowledge into action on climate change.	ReCFIT (CCO), DPAC	CCO is continuing work to build relationships with Aboriginal people and organisations. This work will consider the perspectives and needs of palawa people in current work programs where possible, as well as in future policies and programs from the design phase onwards.	 In progress

Information and knowledge case studies

Curious Climate Schools

The Tasmanian Government has supported the University of Tasmania to deliver their award-winning Curious Climate Schools program. Students from schools around the state send in their climate change questions, which are answered online and in person at school visits. Questions are answered by a broad team of experts, including climate scientists, conservation biologists, fire scientists, chemists, lawyers, engineers, psychologists, social scientists, oceanographers, Indigenous knowledge holders and health experts. The team has so far answered more than 600 questions from Tasmanian school students. Visit curiousclimate.org.au/schools/ for more information about the program.



A recent research paper, published in science journal One Earth, analysed children's questions submitted to Curious Climate Schools in 2021-22 and found that children are most concerned about how to take action on climate change. Other major themes in children's questions were the impacts of climate change, and worries about the future of the planet. As well as a scientific paper, Curious Climate Schools has teamed up with local cartoonist Rosie Murrell to answer these 'most asked' questions in a new illustrated guide for children.

“Our new Climate Curious? cartoon guide responds to the questions we know children are asking about climate change, and offers some great ideas for students and teachers about how to cope with climate distress, and ways to take action yourself or with friends. We're looking forward to getting it out to schools around Tasmania”

Dr Chloe Lucas

Coordinator, Curious Climate Schools, University of Tasmania

Youth Climate Leaders Conference

The most recent Youth Climate Leaders Conferences were held in March 2024 at schools, community spaces and at the University of Tasmania in the north, north west and south of Tasmania. Supported by the Tasmanian Government, the program has been delivered by Sustainable Living Tasmania since 2023.

Over 200 participants from 22 schools and homeschool students participated in the conferences, which aimed to build participants' knowledge and understanding in three key areas: climate science, climate feelings and climate action.

Thirty three mentors and five support team volunteers, with a range of backgrounds, participated in the conferences. Mentors and volunteers included staff from the university, the agricultural institute, CSIRO and not-for-profits. They focused on bringing a variety of topics of interest to each conference. Students were able to engage and interact in meaningful conversations with mentors.

The second set of conferences were held in September 2024. Between the first and the second sets of conferences, students work on delivering climate action projects in their schools. Youth Program Officers work with students to develop their projects and explore meaningful ways to report back on their projects at the second conferences.



Image: Sustainable Living Tasmania

“Given the importance of climate action to Tasmanian young people in their communities, their identified climate anxiety and the vibrancy of this year’s projects, this project is the key support for the Climate Change Action Plan: Priority 1 supporting the empowerment of our children and young people to shape their future.”

Margaret Steadman
President, Sustainable Living Tasmania

"The youth climate leaders program is an incredible way to engage youth in their local community. It encourages students to question their actions and to consider how best they can take climate action as we move into the future."

Iola Fleming
Youth Program Officer, Sustainable Living Tasmania

2 – Transition and innovation






We will reduce our emissions by making the most of opportunities using existing and emerging technologies, and support businesses, industry and the community through the transition to a low emissions economy.






2.1 We will have plans in place to support our key sectors to transition to a low emissions future


Action	Description	Lead agency	Commentary	Status
2.1.1 Developing and implementing Emissions Reduction and Resilience Plans	Develop sector-based Emissions Reduction and Resilience Plans, in consultation with business, industry and the community, to ensure that a practical and balanced approach is taken to reduce emissions and build resilience to the impacts of a changing climate.	ReCFIT (CCO)	The plan for the transport sector will be released in mid-2024, and the remaining plans are on track to be prepared by November 2024. Public consultation opened in mid-2024. Further information on the plans is available on the ReCFIT website.	●●●● In progress
2.1.2 Developing and implementing Emissions Reduction and Resilience Plans	Support research into climate change risks and opportunities for our key sectors, to inform the development of sector-based Emissions and Reduction and Resilience Plans.	ReCFIT (CCO)	CCO is using existing research and data, as well preliminary findings from the statewide climate change risk assessment and feedback from consultation, to prepare the plans. Further research into climate change risks and opportunities for the transport, waste, energy, IPPU, agriculture and LULUCF sectors will be a considered in the plans.	●●●● In progress
2.1.3 Developing and implementing Emissions Reduction and Resilience Plans	Establish a fund to implement priority actions identified in the Emissions Reduction and Resilience Plans, with an initial focus on the transport sector.	ReCFIT (CCO)	All plans are on track to be delivered by November 2024, when the government will detail its approach to funding priority initiatives in all six Emissions Reduction and Resilience Plans.	●●●● In progress

2.2 Our communities and businesses will be supported to innovate and reduce emissions






Action	Description	Lead agency	Commentary	Status
2.2.1 Delivering a community climate action grants program	Deliver an open grants program to support community-level actions to improve information and knowledge about climate change, reduce emissions and build resilience.	ReCFIT (CCO)	A Community Climate Change Action Grants Program launched in mid-August 2024. The grants will support a wide range of community-level actions and projects of varying scales throughout the state. Successful applicants are expected to be notified in November 2024.	●●●● In progress





Action	Description	Lead agency	Commentary	Status
2.2.2 Supporting 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.	ReCFIT	The Energy Saver Loan Scheme has been an extremely popular initiative. Over 4,100 loans have been provided since the scheme launched (value \$34.6 million).	 In progress
2.2.3 Supporting electrification and energy efficiency in homes and businesses	Help natural gas users in Tasmania make informed choices and investment decisions.	ReCFIT	<p>The Tasmanian Future Gas Strategy was released in November 2023, setting out the government's vision for the role of natural gas in Tasmania and the pathways available to reduce emissions.</p> <p>The government's strategy supports consumer choice, while noting the longer-term challenges expected for gas price and availability. Government programs, including the Energy Saver Loan Scheme and the Business Energy Efficiency Scheme, are available to support households and businesses interested in switching to efficient electric appliances.</p>	 Complete
2.2.4 Supporting electrification and energy efficiency in homes and businesses	Develop a Tasmanian Housing Strategy which considers the impacts of climate change and energy efficiency on housing sustainability and ongoing standards of liveability.	Homes Tasmania	<p>The <i>Tasmanian Housing Strategy 2023-2043</i> and accompanying Action Plan 2023-27 were released on 16 November 2023.</p> <p>The Action Plan includes:</p> <ul style="list-style-type: none"> Action 1.2.6 – Improve energy efficiency of Tasmanian homes and provide assistance to further reduce household energy costs with the Energy Saver Loan Scheme and No Interest Loans Scheme (ReCFIT and DPAC). Action 1.2.7 – Develop a policy to improve sustainability of the design, construction and occupation of the Homes Tasmania portfolio, including the renovation and maintenance of existing homes (Homes Tasmania). 	 Complete

Action	Description	Lead agency	Commentary	Status
2.2.5 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 may voluntarily contribute to local offset projects.	State Growth, Tourism Tasmania	<p>A Tourism Emissions Reduction Grant Program was developed. Round 1 is complete and 14 tourism and hospitality businesses are currently undertaking emissions reduction projects. Round 2 is planned for 2024-25.</p> <p>A funding agreement has been developed with the Tourism Industry Council Tasmania to support 150 tourism and hospitality businesses to undertake emissions audits and develop emissions reduction plans. The program will be completed and evaluated by February 2025.</p>	 In progress
2.2.6 Providing 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.	Treasury	Eligible households received \$250 in bill relief in 2023-24 and eligible small businesses received \$650 in bill relief in 2023-24. Eligible households will receive a further \$250 in bill relief in 2024-25.	 In progress
2.2.7 Supporting community solar power installation	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.	DECYP	<p>Twenty one solar installations have been completed.</p> <p>Ten solar installations are currently under construction.</p>	 In progress
2.2.8 Supporting community solar power installation	Continue to support Tasmanian sporting clubs with their broader infrastructure needs, including installation of solar power systems.	State Growth	<p>The 2023-24 Tasmanian Active Infrastructure Grants Program provided \$5 million to sport and active recreation infrastructure programs.</p> <p>Items such as the installation of solar panel systems were eligible projects under the program guidelines. No applications were received seeking funding to install solar panels.</p> <p>The program will run again in 2024-25.</p>	 Ongoing
2.2.9 Improving 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.	ReCFIT (CCO)	<p>Funding of \$200,00 was provided to Business Action Learning Tasmania to deliver the program. Fourteen businesses took part. A final program forum was held in Launceston in September 2023, where participants shared their project outcomes. Resources, including fact sheets and case studies, are available on the ReCFIT and Business Action Learning Tasmania websites.</p>	 Complete

Action	Description	Lead agency	Commentary	Status
2.2.10 Supporting innovation	Maximise opportunities through existing programs such as Enterprize to support establishment of innovative, high growth startups in renewable energy.	State Growth	The office continues to work with Enterprize to support startups, through programs such as Enterprize Elevate, Enterprize Spark and Enterprize Activate.	 Ongoing

2.3 We will have reduced emissions from our transport sector by increasing the uptake of electric vehicles and public and active transport

Action	Description	Lead agency	Commentary	Status
2.3.1 Supporting the uptake of electric vehicles	Provide financial incentives to support the uptake of electric vehicles in Tasmania.	ReCFIT (CCO)	<p>The \$750,000 Electric Vehicle Rebate Program was launched in November 2023. The program provides rebates of \$2,000 each to support the purchase of eligible battery electric vehicles.</p> <p>As of the end of June 2024, 181 rebates had been approved and paid. Of the 181 paid, 140 were to applicants located in the south, 28 to applicants in the north and 13 to applicants in the north west.</p>	 Nearing completion
2.3.2 Supporting the uptake of active transport	Deliver a grant program to support Tasmanians to purchase an e-bike or e-scooter.	ReCFIT (CCO)	A \$200,000 e-mobility support program was delivered between November 2023 and March 2024. The program provided rebates on e-bikes, cargo e-bikes and personal mobility devices, such as e-scooters, and supported the purchase of a total of 501 e-mobility devices.	 Complete
2.3.3 Supporting 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.	State Growth	A draft updated strategy has been developed, which is expected to be finalised in 2024-25.	 In progress
2.3.4 Supporting the uptake of active transport	Work with local government to improve active transport and micro-mobility infrastructure and facilities.	State Growth	Round 1 of the Better Active Transport Grant Programs distributed \$4.5 million to local governments across the state in 2023-24 to improve active transport infrastructure.	 In progress
2.3.5 Trialling 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.	ReCFIT, State Growth	The Battery Electric Bus trial has commenced in the north. The Hydrogen Electric Bus (HEB) trial is expected to start with three HEBs by the end of 2024 and will run for three years. The HEBs are currently going through user acceptance testing.	 In progress

Action	Description	Lead agency	Commentary	Status
2.3.6 Supporting 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 encourage people living in regional areas to use public transport.	State Growth	Implementation of a statewide fare structure was completed on 10 July 2023. Half Price fares for a 12 month period were introduced on 1 June 2024.	 Complete
2.3.7 Transitioning the Tasmanian Government vehicle 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.	ReCFIT (CCO), Treasury	In 2023-24, ReCFIT finalised an assessment of government parking sites and provided charging infrastructure plans to agencies. Agencies were also provided with fact sheets and educational videos to support the transition. As of 30 June 2024, there were 33 battery electric vehicles and 29 plug-in hybrid vehicles in the government fleet.	 In progress
2.3.8 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.	DPAC, ReCFIT (CCO)	All planning schemes operating in Tasmania, with the exception of Sullivans Cove, have an exemption from requiring a planning permit for electric vehicle charging infrastructure as part of a car park.	 Complete
2.3.9 Chairing the EV Working Group	Continue bringing together key partners to develop a coordinated approach to support the uptake of electric vehicles in Tasmania.	ReCFIT (CCO)	The Electric Vehicle (EV) Working Group has transitioned to an information sharing group. This change recognises the growth of the EV market in Australia, as well as the leading role taken by the Australian Government in EV policy.	 Ongoing

Tasmanian Government fleet transition

In 2021, the Tasmanian Government set a target to transition its vehicle fleet to 100 per cent electric vehicles (EVs) by 2030. ReCFIT is working with the Department of Treasury and Finance to support the transition. A range of policies and initiatives to support the fleet transition are being implemented, including:

- a new whole-of-government contract for purchasing passenger and light commercial vehicles
- education resources for staff, including fact sheets and short instructional videos
- assessing 110 government parking sites across the state for EV charging infrastructure
- providing advice to agencies about installing charging infrastructure on their sites
- updating operational fleet management policies
- a procurement process for a panel of charging infrastructure suppliers
- financial support for agencies to purchase EVs and charging infrastructure.

As of 30 June 2024, there were 33 battery electric vehicles and 29 plug-in hybrid vehicles in the government fleet.

2.4 We will be implementing emissions reduction opportunities for the agriculture sector, including new livestock feed supplements and precision agriculture

Action	Description	Lead agency	Commentary	Status
2.4.1 Supporting research and development to reduce emissions from livestock	Support a large-scale trial of <i>Asparagopsis</i> (seaweed) or other feed supplements to reduce emissions from livestock.	ReCFIT (CCO)	The \$4 million Low Emissions Livestock Grant has been awarded to TasFarmers, in collaboration with the Tasmanian Institute of Agriculture (TIA), Fonterra, Annandale Dairy Farm, Sea Forest and Tasmanian feedlot AEON. The TasFarmers proposal will introduce Sea Forest's <i>Asparagopsis</i> feed supplements to 24,000 head of livestock, across both dairy and beef, to reduce an estimated 16,350 tonnes of carbon dioxide equivalent over the next three years.	●●● In progress





\$4 million Low Emissions Livestock Grant

"This project is world-leading, as the Sea Forest *Asparagopsis* initiative holds international significance in its efforts to go from concept to commercialisation, positioning Tasmania as a leader in agricultural innovation. With a total of 24,000 head of cattle, spanning both dairy and feedlot operations, the impact will be significant. For farmers, this translates to the ability to market environmentally sustainable beef and dairy products. Tasmanian consumers can have confidence that they will be able to eat meat and dairy which is climate friendly."




Nathan Calman, CEO TasFarmers



Action	Description	Lead agency	Commentary	Status
2.4.2 Supporting the 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.	NRE Tas	In the 2023-24 financial year there were four approved primary producer applications and eight approved adviser applications. The program remains open and available for applications.	🔄 Ongoing

Action	Description	Lead agency	Commentary	Status
2.4.3 Supporting the transition to low carbon agriculture	Expand the Landcare Action Grants program of practical on-ground works for sustainable agriculture to support carbon farming initiatives.	NRE Tas	<p>The Tasmanian Government has committed an additional \$900,000 over three years to expand the Landcare Action Grants program.</p> <p>The expansion will enable landholders to access grant funding for on-ground works that are required to access the carbon credit market.</p> <p>The delivery of these grants will assist Tasmanian landholders to enter the carbon credit market, through the Australian Government's Emissions Reduction Fund.</p>	 Ongoing
2.4.4 Supporting the transition to low carbon agriculture	Encourage dairy farmers to participate in the DairyTas 'The 10 Steps' program, which provides information to reduce the carbon footprint of Tasmanian dairy farms.	NRE Tas	'The 10 Steps for Reducing the Carbon Footprint for Tasmania Dairy' resources have been produced and are available for dairy farmers.	 Ongoing
2.4.5 Supporting the transition to low carbon agriculture	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.	NRE Tas	The project is being coordinated by the Tasmanian Agricultural Productivity Group and is underway.	 Ongoing
2.4.6 Supporting seaweed production	Support emerging seaweed production activities, including <i>Asparagopsis</i> , to support decarbonisation in other sectors and expand ocean carbon sequestration.	NRE Tas	<p>The Tasmanian Government's Agricultural Development Fund has invested \$542,000, along with additional funds with industry partners, towards the project 'Production of an <i>Asparagopsis</i> pellet that will be suitable for farmers to integrate into their feeding systems'. The project is due to be completed in May 2025.</p> <p>Support for research and industry development for seaweed is being implemented through the establishment of an emerging marine industries team within NRE Tas.</p> <p>Team activities include involvement in seaweed research being undertaken by the Marine Bioproducts Cooperative Research Centre (CRC), the Blue Economy CRC and the Institute for Marine and Antarctic Studies, through the Sustainable Marine Research Collaboration Agreement.</p> <p>NRE Tas is also facilitating the Tasmanian Seaweed Working Group.</p>	 In progress

2.5 We will have increased the carbon stored in our forests by increasing new timber plantations, expanding the adoption of agroforestry and reducing the conversion of plantations to other land uses



Action	Description	Lead agency	Commentary	Status
2.5.1 Supporting landowners to sequester carbon on their properties	Support Private Forests Tasmania to deliver grants for landowners to plant more trees on their properties, building on its successful Integrated Farm Forestry Program. This will increase Tasmania's carbon sequestration and has additional benefits, including improved farm productivity, water quality and biodiversity, and reduced soil erosion.	ReCFIT (CCO)	The government has provided funding of \$600,000 to Private Forests Tasmania to deliver the Stems for CO2 program. The program is providing \$450,000 in grants to support three farmers to plant more trees on their properties. The remaining funding is to undertake modelling of the carbon sequestration from the plantings and to develop case studies and educational resources to encourage more landowners to increase tree plantings.	 Ongoing
2.5.2 Supporting landowners to sequester carbon on their properties	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.	NRE Tas	Created by the Tasmanian Forestry Hub, in collaboration with Private Forests Tasmania, the Farm Forestry Carbon Tool was developed by Tasmanian tech company Indicium Dynamics and launched at Agfest in 2023. It is highly effective to support farmers as they start conversations and planning around carbon neutrality on their farms. In less than two minutes farmers can estimate two important factors: what their current emissions profile looks like and, if they are a net carbon emitter, how many trees would be required to bring them back to neutral. The tool is available at pft.tas.gov.au/farm-forestry-carbon-tool	 Complete
2.5.3 Supporting a 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.	NRE Tas	NRE Tas has been developing a range of policies and legislation to support a sustainable and adaptive forestry sector, including rewriting the Sustainable Timber Tasmania (STT) Ministerial Charter to formalise STT's participation in carbon markets. The Tasmanian Government committed to a range of deliverables, including unlocking Future Potential Production Forest Land to support industry and to make available an additional 10 per cent of high-quality sawlogs. This supply will be available exclusively to existing Tasmanian customers. The government has also committed an additional \$5 million to the on-island processing program, to value add to timber products produced around the state. <i>This action was transferred to the Department of State Growth on 1 July 2024.</i>	 Ongoing

2.6 We will have reduced the volume of organic waste sent to landfill by 50 per cent and be moving towards a circular economy


Action	Description	Lead agency	Commentary	Status
2.6.1 Increasing organic waste reprocessing capacity in Tasmania	Partner with the Australian Government and industry to deliver two state-of-the-art composting facilities, reducing the volume of organic material sent to landfill and reducing emissions.	NRE Tas	Dulverton in-vessel compost facility is on track. Barwicks facility is in the approval process. The development application from the Council is expected by September 2024, and construction will begin after that. The final completion date is to be confirmed depending on revised engineering and budgets. Together, the projects will provide an additional approximately 74,000 tonnes of processing capacity.	●●●● In progress
2.6.2 Growing the circular economy	Phase out single use plastics by 2025 and continue to improve plastic recycling in Tasmania.	NRE Tas	Public consultation on a proposed approach to phasing out certain single use plastics is open until 1 October 2024. Feedback will then inform legislation development over the following 12-18 months.	●●●● In progress
2.6.3 Growing the circular economy	Support improved recycling in remote communities	NRE Tas	There have been some delays to projects due to challenges faced by remote communities. The Tasmanian Government is providing additional support through rebates of landfill levy and additional grants through the Waste and Resource Recovery Board. The revised completion date is June 2026.	●●●● In progress
2.6.4 Growing the circular economy	Continue to support the use of recycled materials such as crumb 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.	State Growth	Sixty sites were completed using crumb rubber in the 2023-24 resurfacing season (nine sites were specified in contracts). Crumb rubber has now been incorporated into a number of sites for the 2024-25 resurfacing season.	●●●● In progress




2.7 We will be supporting our industries to improve their energy efficiency and reduce emissions and improve energy efficiency

Action	Description	Lead agency	Commentary	Status
2.7.1 Providing financial support for businesses and industry to reduce emissions and improve energy efficiency	Continue the \$50 million Business Energy Efficiency Scheme (BEES) to support electricity customers with annual consumption of more than 150 MWh to invest in energy efficiency and electrification opportunities.	ReCFIT	BEES offers support to businesses in the form of an interest-free loan of up to \$10,000 over three years, and a low interest loan of up to \$50,000 over three years. Business Tasmania has promoted BEES to businesses.	●●●●● Nearing completion

Action	Description	Lead agency	Commentary	Status
2.7.2 Providing financial support for businesses and industry to reduce emissions and improve energy efficiency	Support 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.	ReCFIT (CCO)	This program did not commence as expected in 2024. A request has been made to reallocate the funding to the implementation of the sectoral emissions reduction and resilience plans.	 Discontinued
2.7.3 Advocating 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.	ReCFIT (CCO)	The Tasmanian Government advocates for Tasmania at a Ministerial level, through the Energy and Climate Change Ministerial Council (ECMC). CCO sits on a large number of officials-level intergovernmental working groups. At all levels, the government will continue to seek to maximise the opportunities for Tasmania through relevant Australian Government climate change policies and programs, including through the development of a national net zero plan and national sectoral decarbonisation plans.	 Ongoing

2.8 We will have achieved our target to generate 150 per cent of our 2020 electricity generation capacity from renewable energy sources, and be continuing to increase our renewable electricity generation to reach 200 per cent in 2040

Action	Description	Lead agency	Commentary	Status
2.8.1 Increasing renewable energy generation	Continue to implement the Tasmanian Renewable Energy Action Plan (TREAP) and Renewable Energy Coordination Framework (RECF).	ReCFIT	The government has made significant progress implementing actions under the TREAP and the RECF. Recent highlights include consultation on establishing Tasmania's first Renewable Energy Zone, and release of the Renewable Energy Approval Pathway to support new projects.	 In progress



Action	Description	Lead agency	Commentary	Status
2.8.2 Increasing renewable energy generation	Continue to implement the Tasmanian Renewable Hydrogen Action Plan to become a significant producer of renewable hydrogen for local use and export by 2030.	ReCFIT	<p>The Blue Economy CRC's project to produce Tasmania's first green hydrogen is targeted for completion by the end of 2024, and will provide 250kg per day of green hydrogen. This will supply the hydrogen bus trail and other demonstration projects.</p> <p>CountryWide Hydrogen aims to produce up to 690 tonnes per annum of green hydrogen for transport and local use, at two to three sites in Tasmania by 2025-26.</p> <p>The \$300 million Tasmanian Green Hydrogen Hub project has commenced. This includes funding of \$70 million from the Australian Government and additional funding from the Tasmanian Government. This project will provide the common use transmission, water and port infrastructure required to support one or more export-scale hydrogen production facilities in Bell Bay. A first stage will support up to 300MW electrolysers capacity and be producing green hydrogen or a derivative in 2028.</p>	 In progress
2.8.3 Increasing renewable energy generation	Update the Renewable Energy Action Plan to develop the Powered by Tasmania Plan, focusing on accelerating renewable energy developments.	ReCFIT	The government's updated renewable energy plan was announced at the 2024 election. The plan includes a focus on accelerating renewable energy developments by updating Hydro Tasmania's charter and removing legislative roadblocks to development.	 Complete
2.8.4 Increasing renewable energy generation	Continue to invest in hydro-electricity assets, considering the findings of relevant studies to further Tasmania's renewable electricity generation, and progressing opportunities for further renewable energy development.	ReCFIT	The Tasmanian Government has recently updated the Hydro Tasmania Ministerial Charter, which sets the Government's strategic expectations including working cooperatively on Tarraleah Redevelopment and Cethana Pumped Hydro Energy Storage Projects. The generation potential is being supported by investment in Marinus, North West Transmission Development and Renewable Energy Zones. The Australian Government's Capacity Investment Scheme also provides underwriting support. The first generation tender includes a minimum 300MW Tasmanian capacity target.	 Ongoing

Action	Description	Lead agency	Commentary	Status
2.8.5 Attracting renewable energy investment	Continue to progress national-scale renewable energy projects such as Marinus Link and the Battery of the Nation.	ReCFIT	<p>As of March 2024, Marinus Link Pty Ltd changed ownership structure and is now owned by the Australian Government (49%), the Victorian Government (33.3%), and the Tasmanian Government (17.7%).</p> <p>Under the new ownership structure, the Marinus Link project continues to progress through the design and approvals phase, working towards a Final Investment Decision (FID). A commissioning date is planned for 2030.</p> <p>The Marinus Link is heavily interconnected with and essential to supporting the Battery of the Nation and, together with the North West Transmission Developments (NWTN), these projects are key to attracting renewable energy investment and advancing Australia's national-scale renewable energy infrastructure.</p>	<p>●●●</p> <p>In progress</p>
2.8.6 Attracting renewable energy investment	Continue to work with and support a wide variety of proponents across renewable energy projects.	ReCFIT	<p>The Renewable Energy Approvals Pathway was announced in January 2024. A case management team is to be established as part of the government's 200 day commitments. The Renewable Energy Zone Bill has been released for consultation as part of the government's first 100 day commitments.</p> <p>A 300MW Tasmanian allocation has been provided as part of the Australian Government's first auction, as part of their Capacity Investment Scheme. Successful projects are expected to be announced by the end of 2024.</p>	<p>●●●</p> <p>In progress</p>



Image: Chris Crerar

2.9 The government will be leading by example

Action	Description	Lead agency	Commentary	Status
2.9.1 Reducing emissions from government operations	Develop an Emissions Reduction and Resilience Plan for Government Operations in conjunction with the whole-of-government policy framework, which will incorporate emissions reduction, transition to a low emissions economy, and resilience to climate-related risks.	ReCFIT (CCO)	A baseline emissions inventory for government operations has commenced, and key priorities developed for consultation across departments.	●●● In progress
2.9.2 Reducing emissions from government operations	Continue to monitor the government's energy use and the associated greenhouse gas emissions from its operations.	ReCFIT (CCO)	Government agencies currently use whole-of-government software to monitor energy use and emissions. Any additional opportunities to monitor emissions identified by the Emissions Reduction and Resilience Plan for Government Operations will be considered.	 Ongoing
2.9.3 Reducing emissions from government operations	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.	ReCFIT	Expert advice has been provided to government on the best renewable alternative for displacing fossil fuels across all 65 government-owned boilers. Based on this advice, ReCFIT identified priority sites and is working with relevant agencies to progress these projects.	 Complete
2.9.4 Reducing emissions from government operations	Implement renewable energy alternatives for government-owned fossil fuel boilers, with a focus on bioenergy solutions.	ReCFIT	ReCFIT is currently working with three government agencies to progress projects to displace fossil fuels used in existing boilers. These projects include a combination of bioenergy and renewable electricity options.	●●● In progress

Transition and innovation case studies

Business Resource Efficiency Program

The Business Resource Efficiency Program (BREP) aims to help small to medium-sized Tasmanian businesses reduce resource consumption and waste, through waste audits, working groups, and online resources.

There have been two rounds of BREP, both delivered by Business Action Learning Tasmania (BALT) and funded by the Tasmanian Government. The most recent round was completed in early 2024. Fourteen businesses took part (seven from the north, six in the south and one in the north west).

Resources from the program are publicly available on the ReCFIT and BALT websites.

"Collaboration is at the heart of the Business Resource Efficiency Program, creating relationships that advance Tasmania's circular economy. The program focuses on practical learning through the implementation of circular economy principles, regenerative design, and resource efficiency. As a result, participating businesses have achieved measurable reductions in waste and decreased their emissions. The program also brings benefits such as cost savings, improved sustainability practices, and stronger industry connections, contributing to a more resilient and sustainable economy."

Genevieve Cother
Sustainable Systems Designer, Business Action Learning Tasmania

Reducing our transport emissions

E-mobility rebates

Between November 2023 and March 2024, the government offered incentives to help reduce Tasmania's transport emissions, by encouraging people to swap their daily commute for an electric alternative, such as an electric bike (e-bike).

The program distributed \$200,000 in rebates on purchases of e-bikes, cargo e-bikes and personal mobility devices, such as e-scooters. A total of 501 rebates were provided: 110 in the state's north, 171 in the north west and 220 in the south.

"Purchase cost can be a significant barrier for some people who want to ride an e-bike, which is why the government's e-bike rebate trial was such a welcome support."

"E-bikes are a cleaner, cheaper replacement for some car trips, so we should be doing as much as possible to promote their use."

Alison Hetherington
Public Affairs Manager Tasmania, Bicycle Network



Image: Chris Crerar

Electric Vehicle rebates

In November 2023, the government launched a rebate program to support the purchase of battery electric vehicles. There was a total of 375 rebates available, at \$2,000 each. As of June 2024, 181 rebates have been approved and paid.

Rebates have been paid to applicants in 23 local government areas around the state. Of the 181 paid, 140 were to applicants in the south, 28 to applicants in the north and 13 to applicants in the north west.

“The Australian Electric Vehicle Association (AEVA) commends the state government on the electric vehicle rebate program, and its goal of reducing Tasmania's transport emissions through electrification. We are pleased to see the government's ongoing plans for growing the share of electric vehicles on Tasmania's roads. The eMobility Rebate on electric scooters, bikes and cargo bikes was a national first, and deserves praise for such a progressive initiative other states would do well to replicate. With 100 per cent renewable electricity within reach, Tasmania's transport future is fully electric.”



Image: Chris Crerar

Jon Ettershank, State Branch Chair, AEVA

Electric bus trial

The government has allocated \$6 million over two years to Metro Tasmania to trial four battery electric buses. A further \$11.3 million from the Tasmanian Renewable Hydrogen Industry Development Fund will support a trial of three hydrogen electric buses for up to three years. The battery electric buses will be trialled in Launceston, and the hydrogen electric buses trialled in Hobart. The zero emission bus trials will provide valuable operational data and insights to help Metro explore and plan for a longer-term, future transition of its fleet to zero-emission technologies.

The battery electric buses started services in early 2024. Updates on the trials can be found on Metro's website (www.metrotas.com.au/).

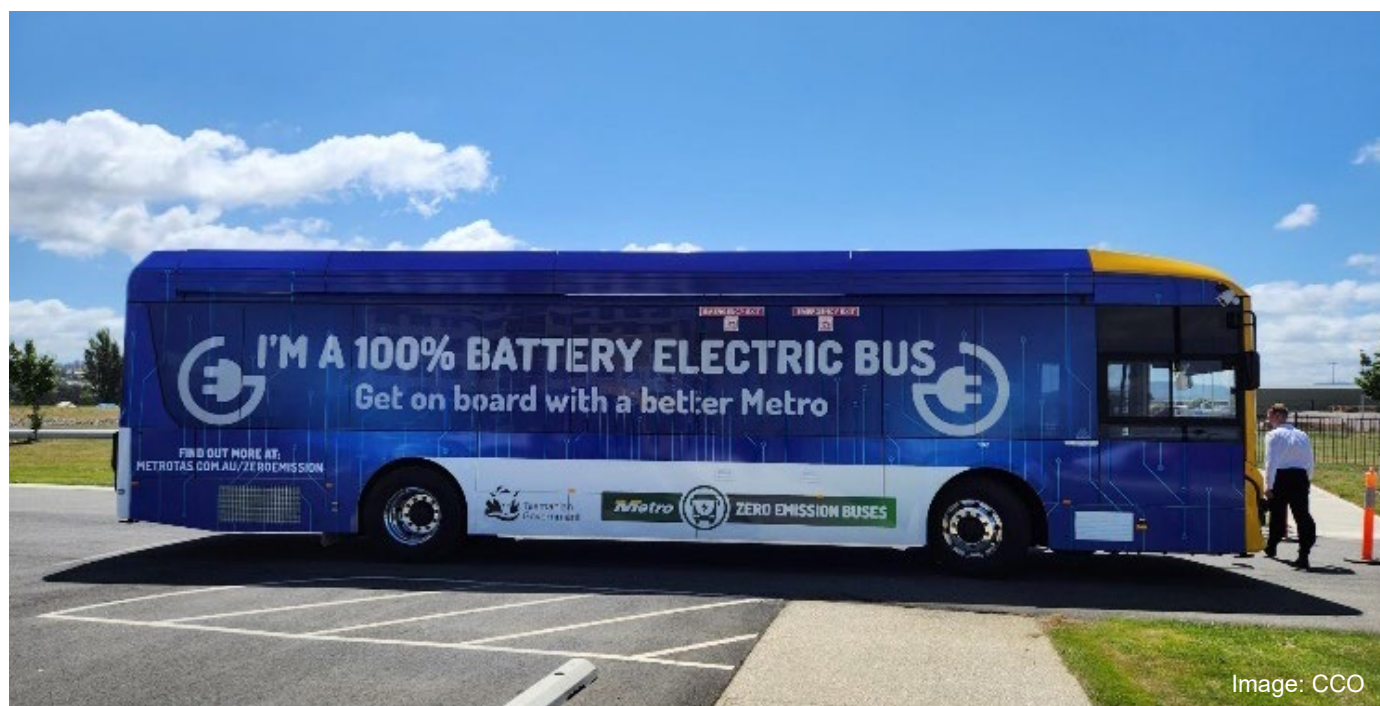




Image: CCO

3 – Adaptation and resilience



We will manage the risks and take advantage of the potential opportunities from climate change, supporting planning and decision making, and build the resilience of our communities, environments, industries and infrastructure.

3.1 Our response to climate change will be informed by an improved understanding of its economic, social and environmental implications

Action	Description	Lead agency	Commentary	Status
3.1.1 Preparing Tasmania's first Statewide Climate Change Risk Assessment	Develop a statewide climate change risk assessment by November 2024. The Risk Assessment will assist the government to prioritise actions that support adaptation to the impacts of climate change.	ReCFIT (CCO)	The first-pass risk and opportunity assessment is complete. The detailed risk and opportunity assessment is nearing completion. The risk assessment is on track for delivery by November 2024.	 Nearing completion
3.1.2 Analysing Tasmania's strategic disaster risks	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.	DPAC	<p>In 2023, the Department of Premier and Cabinet (DPAC) partnered with the University of Tasmania to undertake a pilot that explored and trialled strategic foresight tools (including horizon scanning). The pilot explored poly-crisis scenarios with a 10 year time horizon that considered driving forces such as climate-driven natural and environmental disasters, and climate change adaptation.</p> <p>An implementation plan has been developed to build systemic risk management skills across the Tasmanian Government.</p>	 Complete





3.2 We will have plans in place to support our key sectors to adapt and build resilience

Action	Description	Lead agency	Commentary	Status
3.2.1 Developing and implementing Emissions Reduction and Resilience Plans	<p>Develop sector-based Emissions Reduction and Resilience Plans (Plans) in consultation with business, industry and the community, to ensure that a practical and balanced approach is taken to reduce emissions and build resilience to the impacts of a changing climate.</p> <p>Plans will be developed for the Energy; Transport; Waste; Agriculture; Industrial Processes and Product Use; Land Use, Land Use Change and Forestry; and government sectors. All Plans are due to be completed by late 2024, with the exception of the transport Plan, due for completion by November 2023.</p>	ReCFIT (CCO)	The plan for the transport sector will be released in mid-2024, and the remaining plans are on track to be prepared by November 2024. Public consultation opened in mid-2024. Further information on individual plans is available on the ReCFIT website.	●●●● In progress


3.3 We will continue to collaborate with local government to prepare for the impacts of climate change


Action	Description	Lead agency	Commentary	Status
3.3.1 Building climate change action capability in local government	Work with local government to co-design and implement a program of statewide climate change action in local government that builds the sector's capacity to respond to the impacts of a changing climate and reduce greenhouse gas emissions.	ReCFIT (CCO)	<p>The program has been initiated and the co-design phase is underway.</p> <p>The program Steering Committee meets quarterly. The Project Manager, Local Government Association of Tasmania, is working closely with the local government sector and the Working Group to co-design and progress the program.</p>	●●●● In progress
3.3.2 Managing coastal hazards	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.	ReCFIT (CCO)	Initial scoping for this project has commenced.	●●●● In progress
3.3.3 Developing a Risk Information Portal	Explore the development of a Risk Information Portal for Tasmania that spatially enables municipal emergency risk assessments. The risk assessments will identify and utilise hazard models (for example: flood, fire, coastal hazards, drought) that incorporate climate projections.	DPAC	The Australian Government and the Tasmanian Government are funding the Risk Information Portal Tasmania project under the Australian Government's Disaster Ready Fund. The first stage of the project is the development of resources to support consultation with local government and other stakeholders to understand their user requirements.	●●●● In progress

3.4 We will have improved our preparedness for natural disasters



Action	Description	Lead agency	Commentary	Status
3.4.1 Improving 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.	Tasmania Fire Service	<p>Across September 2023, 1,736 individuals and 579 households received weekly bushfire planning and preparedness challenge tasks, such as getting to know their bushfire risk, creating a bushfire plan, and preparing their property.</p> <p>The Bushfire-Ready Challenge will run again in September 2024 using a new interactive online platform. Over 135 community members have registered.</p>	 Ongoing
3.4.2 Improving bushfire preparedness	Continue delivering the Statewide Fuel Reduction Program to reduce the risk of bushfires impacting on communities.	NRE Tas, Tasmania Fire Service	During 2023-24, 81 fuel reduction burns (encompassing 27,680 hectares) were completed in strategic locations to protect Tasmanian communities.	 Ongoing
3.4.3 Improving bushfire preparedness	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.	State Growth	State Roads continues to work with Tasmania Fire Service to better understand and mitigate the risk of bushfires next to the State Road network – including consideration of risks on Coles Bay Road and on the Bass Highway near Port Latta.	 Ongoing
3.4.4 Improving Tasmania's disaster resilience	Develop Tasmania's Disaster Resilience Strategy 2026-2030 that will outline the government's vision, goals and priority actions to improve Tasmanians' resilience to disasters.	DPAC	A project has commenced to develop Tasmania's next disaster resilience strategy.	 In progress





3.5 We will have increased the resilience of our natural environments and unique biodiversity

Action	Description	Lead agency	Commentary	Status
3.5.1 Managing the risk of fire in the Tasmanian Wilderness World Heritage Area	Undertake planned burning in the Tasmanian Wilderness World Heritage Area (TWWHA) to reduce the risk of bushfire and protect natural and cultural values.	NRE Tas	<p>As part of the Statewide Fuel Reduction Program, the Parks and Wildlife Service has undertaken nine burns in Autumn 2024 in the TWWHA.</p> <p>A number of reserve value protection plans have been written to assist in the protection of critical values in the TWWHA.</p> <p>A cache of fire equipment has been established at Melaleuca to assist with rapid response to fires.</p> <p>Remote cameras have been deployed to strategic locations in the TWWHA to assist with early fire detection.</p>	 Ongoing

Action	Description	Lead agency	Commentary	Status
3.5.2 Mitigating biosecurity risks	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.	NRE Tas	<p>Biosecurity Tasmania's risk assessment methodologies and processes account for the impacts of climate change in terms of addressing future risk with a changing climate scenario.</p> <p>Prioritisation of pests and diseases for risk assessment and analysis is continually reviewed and considers a wide range of risk factors, including climate change.</p>	 Ongoing


3.6 We will have increased the resilience of our communities and built environments






Action	Description	Lead agency	Commentary	Status
3.6.1 Addressing the 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.	Health	<p>Engagement and scoping are underway to develop a climate distress youth mental health project. The Nature Connection Youth Mental Health project will commence in mid-2024.</p> <p>There is a dedicated climate change and health focus area of the Tasmanian Public Health Research and Action Collaboration. The initial focus is on air health.</p> <p>There is Public Health collaboration in Tasmanian emergency management liaison (for example on climate change and heatwave preparedness planning).</p>	 Ongoing
3.6.2 Addressing the impacts of climate change on the physical health and wellbeing of Tasmanians	Support community action on climate change and health through the Healthy Tasmania Fund - Healthy Focus Grants.	Health	<p>Healthy Tasmania currently supports six grants that enable community action on climate change and health. Projects cover flood preparedness, building community resilience, climate healthy councils, food waste, and active living.</p>	 Ongoing


Action	Description	Lead agency	Commentary	Status
3.6.3 Addressing the impacts of climate change on the physical health and wellbeing of Tasmanians	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.	Health	<p>The Tasmanian Government has engaged in the development and implementation of the National Health and Climate Strategy (Australian Government-led) including involvement with the Health Adaptation leads network on risk and adaptation planning.</p> <p>Health, in collaboration with key partners, has initiated the Sustainable Institutional Food Procurement Tasmania project to conduct research, engagement and planning to develop healthy and environmentally sustainable food procurement practices in Tasmanian Government (and government-funded) institutions.</p> <p>The Tasmanian Active Living Coalition works together to influence and inform policies, decisions and strategies encouraging the creation of active living environments, food security and social inclusion, benefiting health and wellbeing.</p> <p>Business-as-usual public health activities for water and air quality management are ongoing.</p>	 Ongoing
3.6.4 Improving the resilience of Tasmanian businesses	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.	State Growth	A grant program is planned for delivery across 2024-25 and 2025-26 to assist small businesses to design and implement continuity plans and build resilience. The program will be funded by DPAC and delivered by State Growth's Small Business Unit. The Small Business Unit has also started planning and delivery of an online business continuity planning tool, due for completion by October 2025.	 Ongoing
3.6.5 Improving the resilience of Tasmanian businesses	Promote and support cross-sectoral opportunities for businesses to work together to improve their capacity and capability to respond to climate change.	State Growth	This project is currently being scoped and will be expanded to include other challenges businesses are facing such as changing consumer behaviour and other economic conditions.	 In progress
3.6.6 Embedding climate change in planning	Ensure the impacts of climate change are considered in Tasmania's planning policies and regional land use strategies, and planning regulations.	DPAC	The Tasmanian Planning Policies (TPPs) include a climate change statement about each topic. The Tasmanian Planning Commission has reviewed the TPPs and they are close to finalisation. The TPPs are required to be implemented through the regional land use strategies that are currently being reviewed.	 Nearing completion

Action	Description	Lead agency	Commentary	Status
3.6.7 Embedding climate change in 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.	DPAC	The Tasmanian Planning Policies (TPPs) require consideration of the impacts of climate change when mapping hazards, such as bushfire, flooding and coastal erosion and inundation. The TPPs also require consideration of climate change impacts when assessing strategic planning processes and rezonings.	●●●● Nearing completion
3.6.8 Delivering sustainable and resilience infrastructure	Work across state agencies to establish sustainability and resilience best practice principles in the planning and delivery of infrastructure.	State Growth	Infrastructure Tasmania is working on a whole-of-government Strategic Infrastructure Framework, including guiding principles to support better sustainability outcomes. This framework builds on the commitment of the Building Tasmania's Future Memorandum of Understanding to improve sustainability in building and construction.	●●●● In progress
3.6.9 Delivering sustainable and resilience infrastructure	Identify opportunities for improving resilience as part of the upfront planning work when developing corridor strategies for state roads.	State Growth	Infrastructure Tasmania (ITas) has updated its corridor strategy guidance materials to highlight challenges and improvement opportunities specific to resilience and the environment. ITas will continue refining its planning materials to further incorporate resilience and sustainability into the planning process.	●●●● In progress

3.7 We will have increased the resilience of our agriculture and fisheries sectors

Action	Description	Lead agency	Commentary	Status
3.7.1 Supporting the agriculture industry to prepare for the impacts of climate change	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.	NRE Tas	DairyTas and RMCG Consulting provide coaching, training and tools to farmers across the dairy and wider farming sectors, respectively. Farmers are using 'Our Farm Our Plan' (DairyTas) or the 'Farm Business Resilience Plan' process to examine the business risks and opportunities for their farm. A range of workshops is also being held across the state to engage farmers with the Program to encourage discussions about managing risk and participation in more detailed planning.	 Ongoing
3.7.2 Supporting the agriculture industry to prepare for the impacts of climate change	Partner 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 local actions to build Tasmania's resilience to future droughts.	DPAC	Community consultation is significantly progressed in each region. Draft plans will be completed by the end of 2024 and initial implementation activities are expected to commence in 2025.	●●●● In progress

Action	Description	Lead agency	Commentary	Status
3.7.3 Supporting the agriculture industry to prepare for the impacts of climate change	Partner with DairyTas to deliver a climate adaptation and environmental sustainability program for the dairy industry.	NRE Tas	Rollout of the project has commenced with DairyTas. The program activities will increase later in 2024.	 In progress
3.7.4 Extending 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.	NRE Tas	<p>The first Tranche III construction project has been completed. The Don Irrigation Scheme commenced irrigation water delivery in October 2023.</p> <p>The business case for the Greater South East Irrigation Scheme (GSEIS) was completed in November 2023. The Tasmanian Government has committed \$75 million for construction of the GSEIS and work is underway to secure the Australian Government funding necessary to deliver this scheme.</p> <p>Both the Northern Midlands Irrigation Scheme project and the Sassafra-Wesley Vale Irrigation Scheme Augmentation project have funding approved and are approaching construction readiness. The construction on both projects is expected to commence in 2024-25.</p>	 In progress
3.7.5 Improving the resilience of our fisheries	Improve the design of Harvest Strategies for commercial and recreational fisheries to better incorporate climate resilience.	NRE Tas	Harvest strategies being developed for local species will allow fisheries to adjust regulations in real time, enabling them to adapt to changes in the environment that impact fish abundance and distribution.	 Ongoing
3.7.6 Improving the resilience of our fisheries	Reduce the impacts of range-extended urchins on Tasmania's marine ecosystems caused by warming waters on Tasmania's east coast.	NRE Tas	<p>Approximately \$600,000 has been allocated in 2023-24 to the longspined sea urchin (centro) harvest sector and centro-related research, to improve harvest and processing rates.</p> <p>Three hundred and sixty tonnes of centro were removed this season.</p>	 Ongoing
3.7.7 Improving the resilience of our fisheries	Work with CSIRO on integration of new national climate adaptation guidelines into fishery management approaches.	NRE Tas	<p>NRE Tas fisheries managers and industry representatives participated in the CSIRO fisheries climate change adaptation handbook workshop in 2023.</p> <p>Consideration of potential climate change impacts on fisheries will be incorporated in fishery assessments and management approaches as resources allow.</p>	 In progress

Action	Description	Lead agency	Commentary	Status
3.7.8 Improving the resilience of our fisheries	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).	NRE Tas	NRE Tas representatives have commenced discussions with Blue Economy CRC and industry representatives who are working to decarbonise the Tasmanian salmon industry to meet the Tasmanian Government's commitment in the Tasmanian Salmon Industry Plan.	 Ongoing

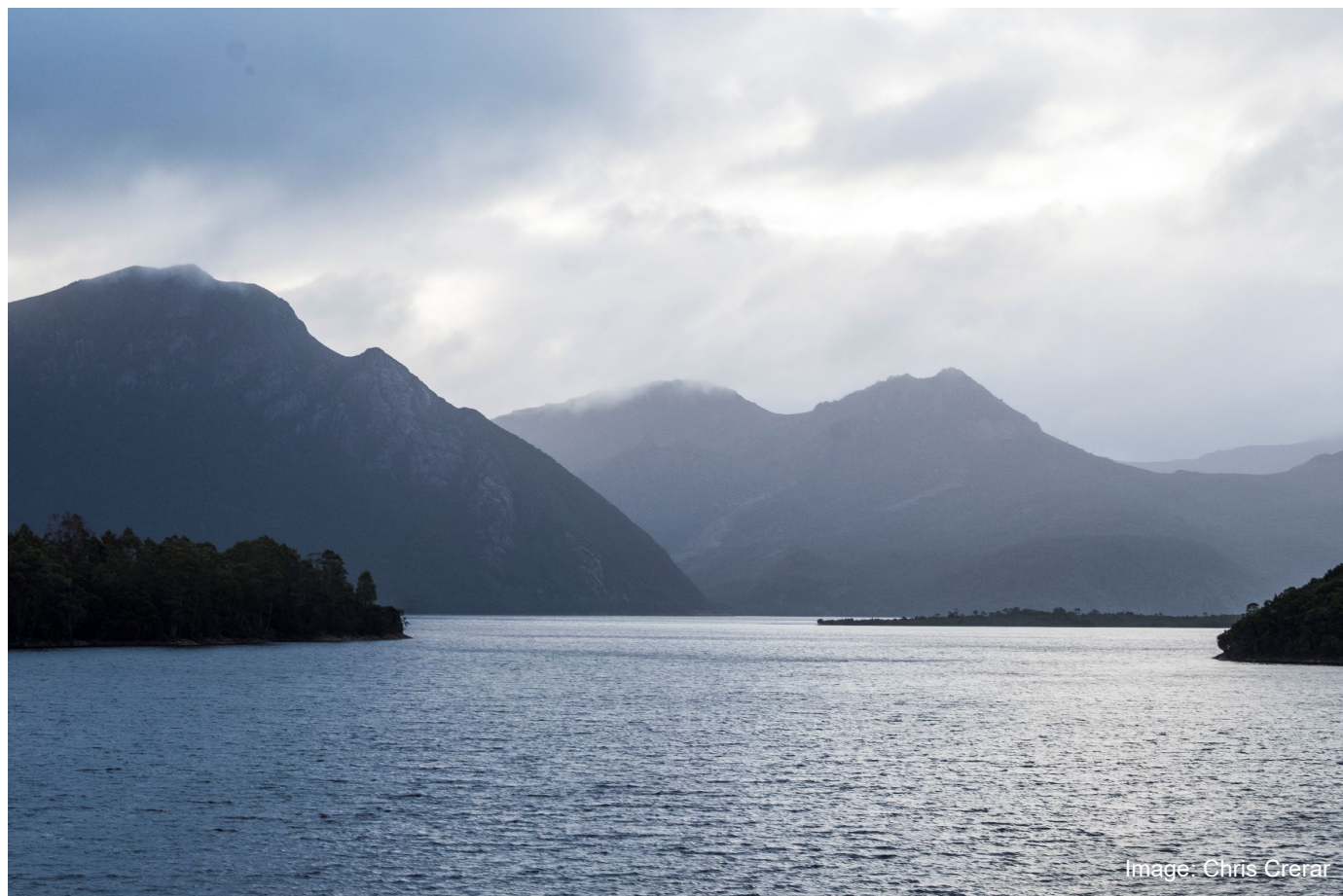


Image: Chris Crerar

Adaptation and resilience case study

Statewide climate change risk assessment

Tasmania's first assessment of risks from climate change is underway. The risk assessment will assist the government to prioritise actions that help us adapt to the impacts of a changing climate.

Types of risks

- **physical** climate-related risks and opportunities, including:
 - climate-related acute shocks, such as heatwaves, floods, bushfires, drought, coastal erosion, coastal storm surge
 - longer-term climate trends, such as temperature change, sea level rise, seasonal distribution and intensity of rainfall, incidence of frost, distribution of invasive species and diseases
- climate-related **transition** risks and opportunities, which are driven by policy, regulation, technology development, reputation, and market shift, as a result of goals to reduce greenhouse gas emissions
- climate-related **complex, compounding, and cascading** risks and opportunities, which involve multi-directional interactions between types of risk.

The risk assessment draws on leading practice climate risk frameworks, including the Intergovernmental Panel on Climate Change (IPCC)-accepted definition of climate risk, as published by Simpson et al (2021).

The first-pass risk and opportunity assessment is complete. The detailed risk and opportunity assessment is nearing completion and will explore the hazards, drivers, exposure, vulnerability, and existing adaptation responses for risks and opportunities into the future. The risk assessment is on track for delivery by November 2024.



Acronyms and abbreviations

Term	Description
CCO	Climate Change Office, Renewables, Climate and Future Industries Tasmania
CO₂-e	Carbon dioxide equivalent
DECYP	Department for Education, Children and Young People
DPAC	Department of Premier and Cabinet
Health	Department of Health
NRE Tas	Department of Natural Resources and Environment Tasmania
ReCFIT	Renewables, Climate and Future Industries Tasmania
SMRCA	Sustainable Marine Research Collaborative Agreement (SMRCA), University of Tasmania
State Growth	Department of State Growth
Treasury	Department of Treasury and Finance

ReCFIT

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