Tasmanian Government
Action on
Climate Change

Tasmanian Climate Change Office
Department of Premier and Cabinet
Our current knowledge is not perfect, but we do know:
Global emissions are growing faster than we thought.
Climate is changing faster than we predicted
The planet’s climate will continue to change for decades, even if we stop emitting today.
The costs of mitigation increase the longer we delay.
Climate change provides real risks and real opportunities for Tasmania.
Key climate change issues for Tasmania

- **Reducing** our emissions of greenhouse gases
- **Adapting** to inevitable changes in our environment
- **Capturing** opportunities presented by a changing climate
- **Contributing** to global climate change solutions
Tasmanian Government Response

- Building community engagement
- Participating in national forums
- Establishing a Climate Action Council
- Legislating targets
- Implementing Tasmania's Framework for Action
- Reducing Government's own emissions
- Setting up the Tasmanian Climate Change Office
- Participating in national forums
Tasmanian Climate Change Office

• Established earlier this year in the Department of Premier and Cabinet

  • A small team leading the Tasmanian Government’s response to climate change

  • Providing policy leadership, capacity building, representation and stakeholder engagement.
Government actions

- Set targets and implement emissions reduction plans
- Energy efficiency audits of 25 key government buildings
  - Sustainability standards for government buildings
- Minimum greenhouse standards for all government vehicles
Legislation - Climate Change (State Action) Act 2008

• Reduction of greenhouse gas emissions to at least 60% below 1990 levels by 2050
  • Allows for interim and sectoral targets to be set
  • Establishes a high-level, independent Tasmanian Climate Action Council
Tasmania’s Greenhouse Gas Emissions

- Tasmania’s emissions without renewable energy (19 Mt CO2-e)
- Tasmania’s Target – 60% below 1990 by 2050 (to 4.6 Mt CO2-e)

<table>
<thead>
<tr>
<th>Year</th>
<th>Carbon Dioxide Equivalent (Mt)</th>
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<tbody>
<tr>
<td>1990</td>
<td>11.5 Mt CO2-e</td>
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<tr>
<td>2006</td>
<td>8.4 Mt CO2-e</td>
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Tasmania’s Emission Profile By Sector

- Energy: manufacturing and construction: 20%
- Energy: electricity generation: 5%
- Energy: other industries: 5%
- Transport: 22%
- Industrial processes: 16%
- Agriculture: 26%
- Land use, land use change and forestry: 2%
- Waste: 4%
Tasmanian Framework for Action

- Released by Premier on 17th July 2008
- Flexible approach
- Sets out objectives, key principles and priority areas for action
- Recognises the need for a responsive document.
Priority areas for action

Government leadership

Consolidating Tasmania’s position as the renewable energy state

Planning for future change (adaptation)

Protecting Tasmania’s natural carbon stores
Priority areas for action

- Improving Tasmania’s transport system
- Innovations in agriculture
- Being energy smart
- Building resilient and adaptive communities
Tasmanian Framework for Action

- Some Current Activities
  - Wedges Analysis
  - Community Grants Program
  - Low Income Housing Project
  - Climate Futures Tasmania
  - earn your stars campaign
The Wedges Project

Tons of CO2-e emitted per year

Historical emissions

Current emissions pathway

Emission reduction 'wedges'

Emission reduction target

Emission reduction target
Are we ready?

- Climate change is not about certainty – it is about managing risk.
- Climate change is going to impact on all of us – how it impacts will depend on our strategic planning.
- Innovation, good risk management and strong partnerships provide the best chance for success in an uncertain future.
Earn Your Stars

www.climatechange.tas.gov.au