Queensland CAN!

A plan to make Queensland a climate champion.

Climate damage is here in Queensland, now. And people in Queensland are united in wanting action like never before. Queensland has current targets of 50% renewable energy by 2030 and 30% emissions reduction below 2005 levels by 2030.

However, these targets are not aligned with the Paris Agreement's 1.5 -degree goal and fall short of other states such as NSW, Victoria and South Australia.

Queensland's per capita emissions compared to other jurisdictions

2020 (or most recent data available), CO2-e emissions per capita (t CO2-e) incl. LULUCF

Jurisdiction	Tonnes CO_2-e per capita
Alberta (Canada)	64
Qatar	36
Queensland	31
Western Australia	31
Texas (US)	25
Australia	19
New South Wales	16
Victoria	13
OECD average	12
Germany	10
Poland	8
China	8
United Kingdom	7
Tasmania	-7

Source: Department of Industry, Science and Resources (2022), Australian Bureau of Statistics (2022), Climate Watch Data (2022), Alberta Government (2022), Texas Demographic Center (2019), The World Bank (2022)

Queensland's largest source of emissions are from electricity generation but other sources such as transport and agriculture also contribute.

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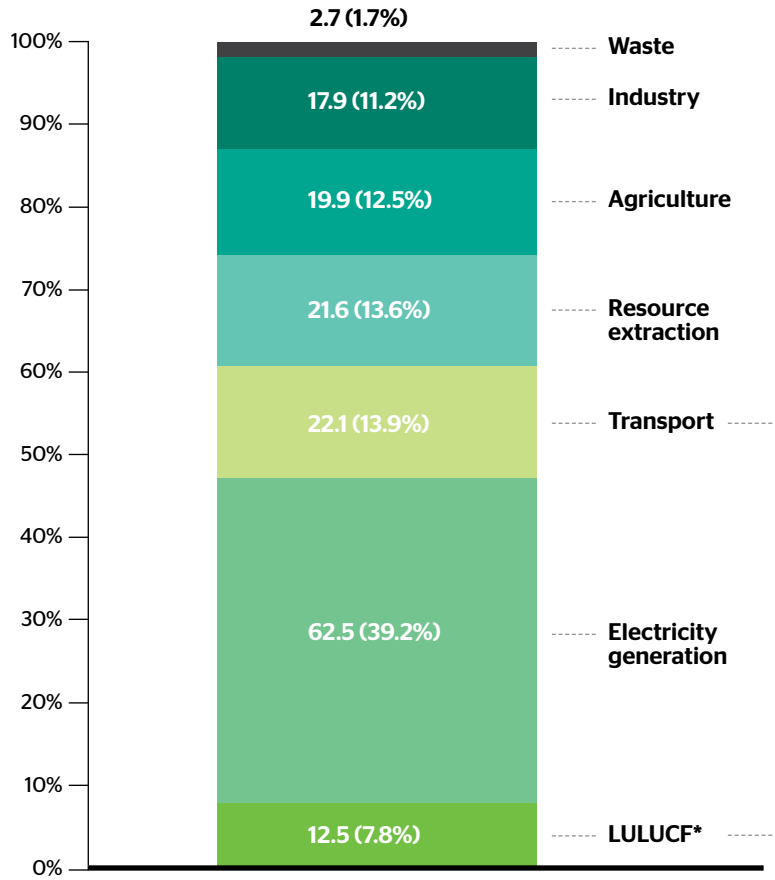
Share of each sector in Queensland's emissions

2020, Mt CO2-e and %



Transport sector policies have not been included in this report. Queensland's transport emissions are large and likely to grow. ~84% of transport emissions come from road transport. With the recent introduction of the EV rebate, Queensland's EV policy is now broadly aligned with other states' EV policies.

The sector will need further policy attention to continue decarbonising.

Queensland is responsible for 97.1% of Australia's total LULUCF emissions.

Note: *LULUCF is Land Use, Land-Use Change and Forestry
Source: Department of Industry, Science and Resources (2022), Accenture analysis

Queensland has a natural abundance of solar and wind energy. We could and should be a renewable energy superpower.

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Eight policies across three focus areas could create ~87,000 jobs[1], reduce CO2-e emissions by ~50% below 2020 levels and ~60% below 2005 levels by 2030[2], and create three new industries

Share of each sector in Queensland's emissions

Clean energy: 53,000 jobs

1. Build 25 GW of new renewable capacity by 2030 — **27,000 jobs**
2. Build 5 GW of storage and gradually phase out coal power — **11,000 jobs**
3. Accelerate rooftop solar installation and consider electrifying gas connections[3] — **11,000 jobs**

60 Mt CO2-e in reduced emissions

Land carbon: 10,000 jobs

4. Reset the Land Restoration Fund — **10,000 jobs**

15 Mt CO2-e in reduced emissions

Clean exports: 24,00 jobs

5. Underwrite 6 GW of green hydrogen — **20,000 jobs**
6. Develop a battery industry for domestic and international markets — **3,000 jobs**
7. Tighten coal mine methane regulation — **1,000 jobs**
8. Explore policies to curb methane from cattle[1]

5 Mt CO2-e in reduced emissions
(not counting No.5 and No. 82)

New industries

These are just eight ways Queensland can cut emissions and create jobs. There is much more that could be done across transport, waste, resource extraction, building, transport and other sectors that could make Queensland a leader in climate action. We can protect our beautiful nature and all our communities from devastating climate change-related impacts, future-proof jobs and maintain our wonderful Queensland way of life.

Note: 1. Workforce number includes both operational and construction jobs, as well as both direct and indirect jobs created between now and 2030. it is hard to estimate the job creation impact of the policy on abating methane emissions from cattle in its current iteration, hence the number was omitted from the total for this policy package. 2. Emission reduction figure does not include abatement potential of policy on underwriting green hydrogen and abating methane emissions from cattle. See subsequent slides for more detail. 60% figure (reduction to 79 Mt from 2005's 197Mt) covers actions taken since the 2005 baseline to 2020 (reduction of 38Mt) and the policies in this report (reduction of 80Mt).3. Electrifying gas connections has not been included in investment, emission reduction or job creation numbers for this policy. Source: Accenture analysis

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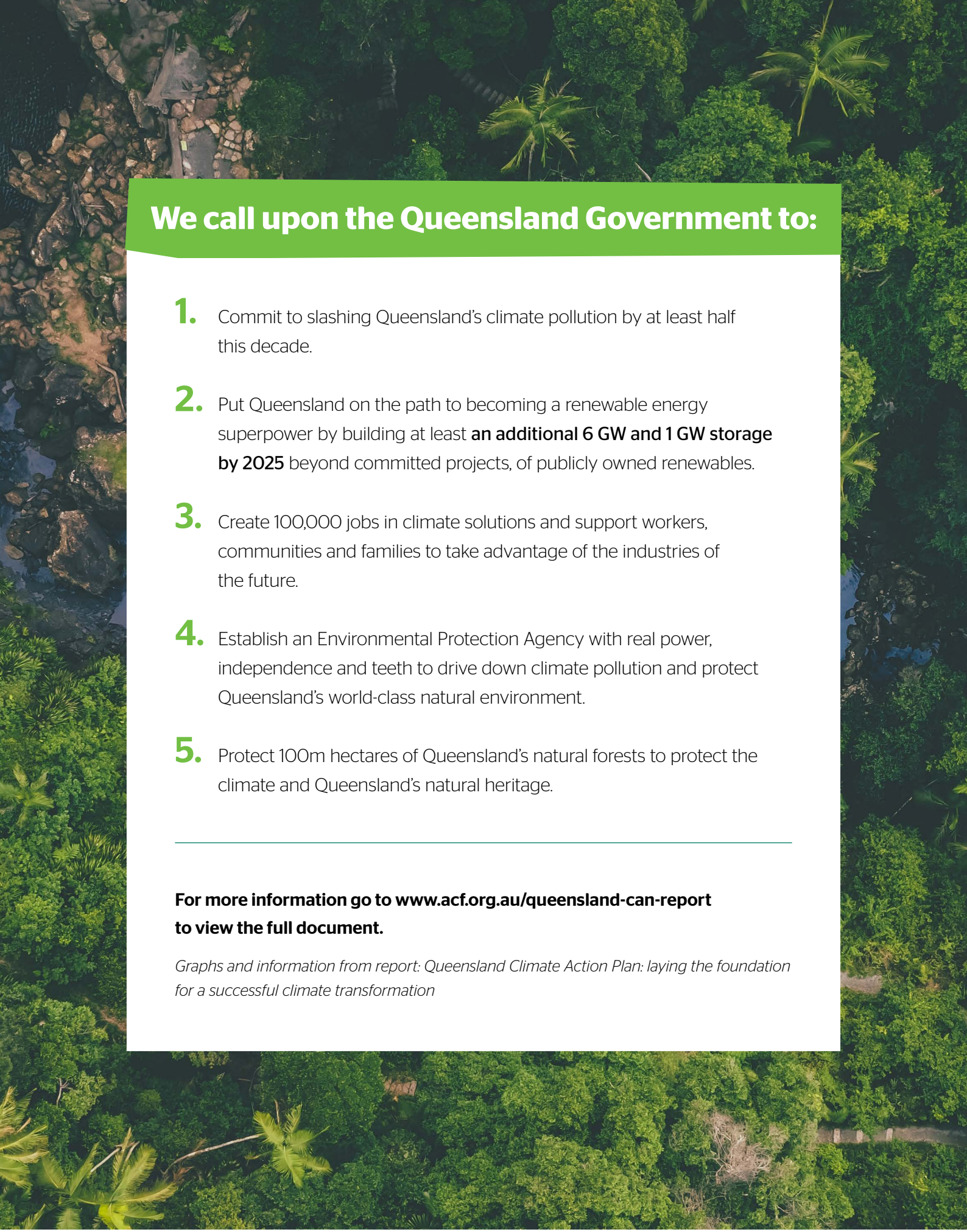

We call upon the Queensland Government to:

1. Commit to slashing Queensland's climate pollution by at least half this decade.

2. Put Queensland on the path to becoming a renewable energy superpower by building at least **an additional 6 GW and 1 GW storage by 2025** beyond committed projects, of publicly owned renewables.

3. Create 100,000 jobs in climate solutions and support workers, communities and families to take advantage of the industries of the future.

4. Establish an Environmental Protection Agency with real power, independence and teeth to drive down climate pollution and protect Queensland's world-class natural environment.

5. Protect 100m hectares of Queensland's natural forests to protect the climate and Queensland's natural heritage.

For more information go to www.acf.org.au/queensland-can-report to view the full document.

Graphs and information from report: Queensland Climate Action Plan: laying the foundation for a successful climate transformation

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