

## Your details

Name / Organisation name:

David Wanless

## Reducing Tasmania's greenhouse gas emissions

1. What do you think are the key opportunities to reduce Tasmania's emissions? Please choose your top three.:

Avoid fossil fuel use by energy efficiency, demand reduction (e.g., move to public and active transport, telecommuting, urban planning and design). Substitute green electricity and green hydrogen for the (no doubt, substantial) remainder. Stop logging old-growth and high conservation value forests and clearing of other forests and woodlands.

2. What do you think are the key gaps in Tasmania's current efforts to reduce emissions?:

Lack of sectoral and interim targets. Overreliance on LULUCF. We should be setting NZE targets for each sector, as ambitiously as possible. For the whole state, adopt the 2035 target, the first option in the Point Advisory report, and grab the first mover and leadership advantages, as well as providing hope to the world. Lack of apparent urgency. This is an unparalleled crisis and requires a whole of government and whole of community response. We need a 'war footing' (as per the Federal Government's recent actions in ramping up National Cabinet's efforts on COVID-19) on climate change. Appoint a high level coordination body with community involvement, to oversee whole of government work and assess major government programmes under a climate lens. Require climate impact assessments of all major government decisions. Post-COVID-19 rebuilding is not apparently being done with a sufficient view to climate change mitigation and adaptation.

3. What do you think are the main opportunities for Tasmania to transition to a low carbon economy?:

See question 1. Also, carbon sequestration via reforestation and regeneration, including of the kelp forests. As per the Point Advisory report, medium to large gains could be achieved from reducing risk of major bushfires, cement substitutes or low-emission cements, low emissions vehicles (EV/green hydrogen), reduction of methane from landfills etc. If we're going to use alternative building products such as wood, as suggested in the discussion paper, such wood should be from plantations, not old-growth or high conservation value forests. Government can drive these changes without having to specify all details, by setting clear and ambitious goals and taking climate change into account seriously in all major decisions.

## Helping Tasmania adapt to a changing climate

1. What aspects of Tasmania's projected future climate most concern you and why?:

Bushfires, marine heatwaves and the drying out (and hence eventual burning) of the alpine and sub-alpine areas like the Walls of Jerusalem.

2. Which parts of Tasmania (for example locations, industries, communities) do you think are most vulnerable to a changing climate?:

The natural environment, which I note wasn't listed in the "Who is affected?" section of the discussion paper. We need to consider our fellow creatures, who are often least able to defend themselves and adapt. In particular, the marine species on the east coast, the rainforests and the alpine areas. Our threatened species and ecological communities will become even more vulnerable.

3. What do you think are the key opportunities to help Tasmania adapt to a changing climate? Please choose your top three.:

Strengthen the role of the community in planning (including appeals) and ensure that planning is for the long term and takes climate change into account. Ensure that investment (government and private) is geared towards mitigation and adaptation. Urban greening and regional (land and sea) reforestation.

## General

Is there anything else you'd like to add?:

Please treat climate change as the unparalleled crisis which it is. It is not just a problem which can be managed whilst business as usual continues. It must become the most important consideration in government (and business and community) decision making whilst we still have some time to act.

## Publication

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