

Name	Alexander Gorrie
Email	
A Zero Carbon Act is important to me because...	If we don't set ambitious carbon emissions targets, the world is going to be very inhospitable over the next few decades. It is not purely an environmental problem, we are facing a myriad of social and ethical injustices if we sit back and continue to operate as usual. It concerns me how many people will die, how many cultures will disappear and how much biodiversity we stand to lose if inadequate action is taken. He waka eke noa - we're all in the same waka together . Everyone. Everything.
Q1. What process should the Government use to set a new emissions reduction target in legislation?	The Government should set a target for 2050 in legislation now.
Q2. If the Government sets a 2050 target now, which is the best target for New Zealand?	The most ambitious target: reducing total greenhouse gases to net zero by 2050. I also support taking a science-based approach to ensure our efforts to reduce emissions are as impactful as possible: we should aim for negative levels of long-lived gases, while reducing short-lived gases to sustainable levels.
Q3. How should New Zealand meet its targets?	By using domestic emissions reductions only (including from new forest planting).
Q4. Should the Zero Carbon Bill allow the 2050 target to be revised if circumstances change?	The 2050 target should not be altered in response to “economic changes” as this undermines its long-term certainty. However, the ability to revise the 2050 target in light of major changes in scientific understanding or international agreements should be permitted.
Q5. The Government proposes that three emissions budgets of five years each (i.e. covering the next 15 years) be in place at any given time. Do you agree with this proposal?	yes - I agree with 5-year budgets set 10-15 years in advance, so that 3 are in effect at all times.
Q6 - Q7. Should the Government be able to alter emissions budgets?	No - emissions budgets should not be altered in response to “economic changes” as this undermines their long-term certainty. However, the ability to revise budgets in light of major changes in scientific understanding or international agreements should be permitted.
Q8. Do you agree with the proposed considerations that the Government and the Climate Commission will need to take into account when advising on and setting budgets?	I agree that the Government and the Climate Commission should take the following factors into consideration when advising on and setting budgets: <ul style="list-style-type: none"> • scientific knowledge regarding climate change • technology relevant to climate change • economic circumstances and the likely impact of a decision on the economy, as well as the competitiveness of particular sectors of the economy • fiscal circumstances and the likely impact of the decision on taxation, public spending and public borrowing • social circumstances • energy policy and the likely impact of a decision on energy supplies and the carbon and energy intensity of the economy.
Q9. Should the Zero Carbon Bill require Governments to set out plans within a certain timeframe to achieve the emissions budgets?	Yes - we must learn from the mistakes of the UK's Climate Change Act and specify a strict time frame for producing a plan and producing outcomes.

<p>Q10. What are the most important issues for the Government to consider in setting plans to meet budgets? For example, who do we need to work with, what else needs to be considered?</p>	<p>The Government's policy plans to meet emission budgets should be comprehensive, fair, cost-effective, environmentally sustainable, and reflect a commitment to Te Tiriti o Waitangi.</p>
<p>Q11. The Government has proposed that the Climate Change Commission advises on and monitors New Zealand's progress towards its goals. Do you agree with these functions?</p>	<p>The Commission should reflect what is best for the climate and as an independent entity from the Government, should have the power to veto the Government when decisions are made contrary to meeting emissions targets.</p>
<p>Q12. What role do you think the Climate Change Commission should have in relation to the New Zealand Emissions Trading Scheme (NZ ETS)?</p>	<p>The Commission should tighten the emissions trading scheme so there aren't loopholes for corporations to get off lightly (i.e. paying less for carbon tax). If the Commission is actually concerned with making a difference, the current ETS needs to be overhauled to encompass agricultural sector emissions and crack down on .</p>
<p>Q13. The Government has proposed that Climate Change Commissioners need to have a range of essential and desirable expertise. Do you agree with the proposed expertise?</p>	<p>I agree with the following collective expertise:</p> <ul style="list-style-type: none"> • climate change policy (excluding the current emissions trading scheme) • resource economics and impacts (including social impacts, labour markets and distribution) • te Tiriti o Waitangi, te reo me ona tikanga Māori and Māori interests • climate and environmental science including mātauranga Māori • experience with addressing adaptation challenges like planning, insurance and local government • risk management • engineering and/or infrastructure • community engagement and communications. • knowledge of the public and private innovation and technology development system. <p>I think expertise in public health is also important.</p>
<p>Q14. Do you think the Zero Carbon Bill should cover adapting to climate change?</p>	<p>Yes. This should require a separate adaptation sub-committee within the Climate Commission.</p>
<p>Q15. The Government has proposed a number of new functions to help us adapt to climate change. Do you agree with the proposed functions?</p>	<p>I agree with the proposed functions below, but recognise that nuance is required in terms of how local councils are involved:</p> <ul style="list-style-type: none"> • a national climate change risk assessment • a national adaptation plan with binding emissions targets • regular review of progress towards implementing the national adaptation plan • an adaptation reporting power
<p>Q16. Should the Government explore setting up a targeted adaptation reporting power that could see some organisations share information on their exposure to climate change risks?</p>	<p>Yes</p>
<p>Further comments</p>	<p>How are we currently incentivising lower emissions activities such as</p> <ul style="list-style-type: none"> - promoting communal transport (free or heavily subsidised) - bicycle usage - electric bus uptake - converting old vehicles to electric (in doing so promoting skilled, local industry)