Your submission to Zero Carbon Bill
neural.net.nz (Andrew McPherson)

Reference no: 2079
Submitter Type: Research institute

Clause
1. What process should the Government use to set a new emissions reduction target in legislation?
Position
The Government sets a 2050 target in legislation now
Notes
This is achievable by 2030 at the latest with my research.

Clause
2. If the Government sets a 2050 target now, which is the best target for New Zealand?
Position
Net Zero Emissions - Net zero emissions across all greenhouse gases by 2050
Notes
Carbon dioxide, Carbon monoxide and methane can easily be absorbed using my research.

Clause
3. How should New Zealand meet its targets?
Position
Domestic emissions reductions only (including from new forest planting)
Notes
New forest planting should be complemented with mechanical methods.

Clause
4. Should the Zero Carbon Bill allow the 2050 target to be revised if circumstances change?
Position
Yes
Notes
Yes, it should be revised to a closer date assuming that my research is funded.

Clause
5. 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?
Position
Yes
Notes

Clause
6. Should the Government be able to alter the last emissions budget (i.e. furthest into the future)?
Position
Yes - the third emissions budget should be able to be changed but only when the subsequent budget is set
Notes

Clause
7. Should the Government have the ability to review and adjust the second emissions budget within a specific range under exceptional circumstances? See p36 Our Climate Your Say
Notes
Not unless we need to rebuild one of our largest cities.

Clause
8. Do you agree with the considerations we propose that the Government and the Climate Change Commission take into account when advising on and setting budgets? See p44 Our Climate Your Say
Clause
9. Should the Zero Carbon Bill require Governments to set out plans within a certain timeframe to achieve the emissions budgets?
Position
Yes
Notes

Clause
10. 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?
Notes
My research in computational chemistry specific to carbon covers climate change mitigation for carbon compound gases and hydrocarbon gases.

Clause
11. 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? See p42 Our Climate Your Say
Position
Yes
Notes

Clause
12. What role do you think the Climate Change Commission should have in relation to the New Zealand Emissions Trading Scheme (NZ ETS)?
Position
Makes decisions itself in respect of the number of units available in the NZ ETS
Notes

Clause
13. 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? See p45 Our Climate Your Say
Position
Yes
Notes

Clause
14. Do you think the Zero Carbon Bill should cover adapting to climate change?
Position
Yes
Notes
Practicalities are covered by my research in climate change mitigation.

Clause
16. Should we explore setting up a targeted adaptation reporting power that could see some organisations share information on their exposure to climate change risks?
Position
Yes
Notes

Clause
Do you have any other comments you'd like to make?
Notes
My research is fairly important if the goal is to actually halt climate change in it's tracks