

Comments

LTP 2021-31

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First name	David
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Are you submitting on behalf of an organisation?	No, I'm submitting as an individual
Are you willing to tell us more about yourself?	Yes
Which age category are you in?	40-64 years old
Which suburb or area do you live in?	
Do you think we've prioritised the right issues and opportunities?	Don't know
Which of the proposed options would you like to see us progress with?	Option 1: statutory work, prior commitments and accelerating key initiatives
Do you have any further comments on the activities proposed in specific portfolio/s (please select all those you wish to comment on):	<input type="checkbox"/> Water and Land <input type="checkbox"/> Climate Change and Community Resilience

Water and Land portfolio comments:

I am very concerned about nitrates in ground water. Permissible nitrate levels should be well below the Danish study amounts of 0.87 mg/l. Ecan should take much stronger steps in changing rules, lobbying central govt, monitoring and enforcement.

Climate Change and Community Resilience portfolio comments:

I welcome the climate education funding in option 1, but I would like more climate education and directed also at adults, not just schools. This should be led by central government but ECAN also has a role, including lobbying government. We need leadership on climate change similar to that shown for covid-19.

Climate education should emphasise:

- *geological time scale emphasizing the enormity of modern human activity, the holocene ending and the new anthropocene epoch.

- *the primary climate change driver of fossil fuels adding fossil carbon to Earth's carbon cycle. Hence the need to urgently end fossil fuels.

- *climate science, but including the uncertainties and therefore the need to follow the precautionary principle. For example the uncertain full potential of tipping points and the possibility they could cascade, causing abrupt and irreversible climate change. Also, for example the recent research published in Nature Climate which ran climate models including the "pattern effect" previously excluded from standard climate modeling. This increased the already committed warming from emissions to 2020 from 1.3K to 2.3K (at 50th percentile), and from 2.3K to 10.3K at the 95th percentile! In other words, the uncertainty also increased massively when including this single previously omitted parameter, the pattern effect.

- *Ocean acidification, the evil twin of climate change and often overlooked in the discourse.

- *global climate justice and equality, including the historic inequality of emissions to date.

- *The ongoing and increasing inequality. The recent (2020) Oxfam report "Confronting Carbon Inequality" says that the world's wealthiest one percent emitted (from 1990 to 2015) double the GHG emissions of the poorest 50 percent globally. The richest 1 percent were responsible for 15 percent of emissions, the poorest half of humanity only emitting 7 percent. Also, 52 percent of emissions were from the wealthiest 10 percent. The wealthiest 10 percent we would regard in Aotearoa as average income. The wealthiest 10 percent are also responsible for 75 percent of energy use linked to aviation. We are witness to astonishing and growing inequality in both consumption and emissions.

- *"The Great Acceleration": the dramatic surge in growth from the 1950's and continuing today, across a large range of measures of human activity. The great acceleration includes dramatic growth of emissions, fossil fuel use, and international tourism, amongst other indicators.

- *The sobering fact that our total accumulated GHG emissions since the start of the industrial revolution have more than doubled globally since 1990. In just 30 years, total accumulated global emissions are more than all the previous 250 years.

- *The decades to centuries lag between emissions and their full climate effect, which makes the above terrifying.

- *humanity already dominating the Earth: "Humans account for about 36 percent of the biomass of all mammals. Domesticated livestock, mostly cows and pigs, account for 60 percent, and wild mammals for only 4 percent. The same holds true for birds. The biomass of poultry is about three times higher than that of wild birds." (quote from Humans and Big Ag Livestock Now Account for 96 Percent of Mammal Biomass - EcoWatch, an article about the 2018 study The biomass distribution on Earth | PNAS).

- *The clear conclusion from the above that if Aotearoa and the rest of the world continue to grow, or even remain at current levels of economic activity, then we are on a clear path to ecological and economic collapse.

- *The need to challenge the seductive spell of "business as usual" and the dominant modern delusion of perpetual economic growth.

- *With awareness of the great acceleration and the dominance of humanity over nature, the need to imagine radical and transformative change. For example, the old adage in order of priority is: reduce, reuse, recycle. Economic degrowth is the first priority of reduce, requiring imaging wondering and equality with a transformative reduction in developed economies. And circular economics, where the remaining economic activity follows the reuse, recycle principles.

- *The need for a just transition and global action.

- *The need for collective action and systemic change, rather than individual consumer-led changes.

Is the proposed increase in rates affordable for your household? Option 1 is affordable

Is the proposed increase in rates affordable as a whole for the Canterbury community? Yes

Do you support the changes we're proposing to how we apply Uniform Annual General Charges? No

Any further comments on Uniform Annual General Charges?

There shouldn't be a uniform charge, the wealthy should pay more.

Would you support the use of borrowing for operating expenditure to offset some of the first year rates? Yes

Where do you live in Canterbury? Select your district below: Christchurch city including Banks Peninsula

Would you like to see us investing in the following initiatives in your area? Kaikoura

Would you like to see us investing in the following initiatives in your area? Hurunui

Would you like to see us investing in the following initiatives in your area? Waimakariri

Would you like to see us investing in the following initiatives in your area? Christchurch . On-demand public transport services

Would you like to see us investing in the following initiatives in your area? Selwyn

Would you like to see us investing in the following initiatives in your area? Ashburton

Would you like to see us investing in the following initiatives in your area? Mackenzie

Would you like to see us investing in the following initiatives in your area? Timaru

Would you like to see us investing in the following initiatives in your area? Waimate

Would you like to see us investing in the following initiatives in your area? Waitaki

Do you wish to speak to your submission? Yes

We may use your phone number to contact you to arrange attendance at a hearing. This information will be kept private.

Phone number

Would you like to be kept up-to-date with the outcome of this consultation? Yes

How did you find out about giving feedback?

- . Social media (Facebook, Instagram, Twitter)
- . Word of mouth

Your information is held and administered by Environment Canterbury in accordance with the Privacy Act 2020 and Environment Canterbury's Privacy Policy.

There is personal information/contact details in my submission I do not want disclosed: No