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From: Klaus Lotz [REDACTED]
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Dear all,

Since the eighties I have been passionate about the reduction of fossil fuel use to avoid pollution and climate problems.

In my country of birth Germany I have witnessed the transition from nuclear/fossil to a renewable energy oriented economy.

Considering the much more suitable condition for an increase in solar and wind in NZ the switch of transport sector from fossil to electric should be a no-brainer for any policy maker seriously committed to climate action.

My proposal to address climate change for NZ :

1. Improve conditions for grid feeding electricity for decentralized renewable energy producers
2. Make transport/commuting by (e)bike as attractive as possible. See example separate bicycle freeways systems in Netherlands.
3. Incentives for electric cars and schemes to use ecar batteries as buffer storage for grid
4. Installation of wind parks in the North island
5. Support or tax pressure to dairy farmers to treat effluent in biogas fermenters for nutrient recycling and energy production.
6. Organic farming uses 25% less fossil energy than conventional farming. Organic farms store more carbon in the soil. It needs support if not at least with certification fees and research.
7. Programs and research into the use of charcoal (biochar) as a soil amendment to bury carbon in a productive manner.

Greetings

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