

From: [Redacted]
To: [Redacted]
Subject: RE: A Carbon Budget for New Zealand- Climate Change, Species Extinction, and Eco-Economics
Date: Wednesday, 6 March 2019 11:04:57 AM
Attachments: [Redacted]

Kia ora [Redacted],

Please find attached a response to your email below, sent on behalf of Hon James Shaw.

Kind regards
Rachel



[Redacted] | Private Secretary, Climate Change
Office of Hon James Shaw
 Minister for Climate Change | Minister of Statistics | Associate Minister of Finance
 Level 7, Bowen House, Parliament Buildings, 80 Lambton Quay | Private Bag 18041 | Wellington 6160 |
 New Zealand
 [Redacted]

From: [Redacted]
Sent: Tuesday, 15 January 2019 8:53 PM
To: Hon James Shaw <James.Shaw@parliament.govt.nz>; Hon Eugenie Sage <Eugenie.Sage@parliament.govt.nz>; Marama Davidson <Marama.Davidson@parliament.govt.nz>; Gareth Hughes <info@greens.org.nz>; Chlöe Swarbrick <Chloe.Swarbrick@parliament.govt.nz>; Jan Logie <Jan.Logie@parliament.govt.nz>
Subject: A Carbon Budget for New Zealand- Climate Change, Species Extinction, and Eco-Economics

Kia ora James, Marama, Eugenie, Julie Anne, Gareth, Chloe and Jan,

As the new year commences we desperately need to know what the carbon budget is for New Zealand. We need to know what we are aiming at, and to measure ourselves by. We need to set performance standards both budget-wise and with appliances in the sectors we use day to day and they need to be high standards and regularly improved upon.

Worldwide there's about 750Gt (about 75 billion tonnes) total of carbon available to spend before globally we all have to go Zero Carbon. That's not too much to play with per capita for a rich country like ours, so we need to start early, start now.

Each region in New Zealand needs to know what budget is available in their region. Each person within a region needs to know what they have available now and that when it's used it's finished, no more carbon be burned.

So we need plans, advance plans for Solar, for Wind, and Sea. We need to divert resources this year to producing that infrastructure and getting on with it. This requires cross party collaboration, everyone. It includes local government, everyone involved. It includes key businesses, all and everyone.

And not just the CEOs and MDs. It requires everyone in the country be committed. Education has a big role to play, re-skilling of workforces and financial help.

Importantly we need the Reserve Bank of New Zealand on board and closely involved together

with the commercial banks, the latter divesting of their fossil fuel credit extensions, accommodations and investments. We will only do this as a country by talking to one another, by moving together in coordinated fashion with purpose.

This is the scale of the problem we face. We need to be in close contact with foreign experts where we do not possess sufficient knowledge and proffer help where we can in our turn. We require a road map at least in outline of where we are going for New Zealand. It is a full time job for everyone.

We need the technology to develop Carbon Capture infrastructure at a scale never seen. Worldwide we need to extract a minimum of 10 billion tonnes per year of Carbon Dioxide (CO₂) from the atmosphere, as soon as we are able, to stay within sight of 2 degrees centigrade maximum and all the while operating Zero Carbon economies. It may not be possible 10 billion tonnes is equivalent to steel, concrete and coal combined. We will need to liquify the CO₂ and sequester it underground(?) the soil(?), the sea bed(?), in crushed rock(?)

We are on target for at least a 3 degree plus plus centigrade rise by 2100 at the present time. This is likely at minimum a metre and a half sea level rise, if not more by 2100 with a final outcome of eight plus metres or more in two or three centuries.

All this must be well known to yourself James as Minister for Climate Change.

May I remind you that "winning slowly is like losing outright, it guarantees defeat."

Eugenie Sage, Julie Anne Genter, yourself, Gareth Hughes, Marama Davidson, Chloe Swarbrick and Jan Logie have to move concertedly in a push to explain to other parties the urgency of the situation. The Zero Carbon Act (Bill) is but a step along this road, it is the start together with New Zealand's Accession to MARPOL APPENDIX SIX and the recent gains in mining and mineral extraction Law.

There is a reason that climate scientists, the World Wildlife Fund (WWF), and other experts around the world are using social media, YouTube and traditional media to reach wider publics. The countdown has begun.

Kicking the can down the road is not acceptable. We have been doing it for three decades or more and in the meantime have increased carbon in the atmosphere by 65 percent.

So much for the IPCC and the models they utilise, so much for successive Conferences of the Parties. As Greta Thunberg said to the UN leaders "you've done nothing".

Many people are wanting to know what is coming, and our elected leaders must spell it out together with the plan for New Zealand to succeed. Of course it will change, plans do, but we must start now.

It is no longer a case of growth at any cost. The situation of habitat loss, species loss, is at crisis point. Feeding ourselves could become a crisis point too, if we do not start acting now.

The public in all democratic countries will not wait much longer. We are lucky, we have the buffer of distance and relative isolation. It will not last.

James Renwick will tell you, Kevin Anderson, Hugh Hunt, Peter Wadhams, James Hanson, Tony Juniper, and many other scientists, too many to name all respected in their fields, will tell you we need to act now. Every year missed is a year that will increase the problems we face.

We need to be field testing the solar particle reflection technologies, ditto the extraction technologies.

We need the budgets in our faces at street level, and we need them now.

To act too late would be irresponsible, it would be gross negligence and criminal, an abdication of our responsibilities joint and several.

We still have the choice, but only just.

Personally, I hope the scientific community is wrong. But even if there is a small chance they're right we must not take the risk we must act now. I would rather be considered alarmist than wait for another year and another year or longer for something to happen. I would rather die on my feet than on my knees. I want my kids and all kids to have a decent shot at life as I have known it.

Don't leave it too late.

Nga mihi

Thank You
&
Kind Regards

Withheld under
s9(2)(a)

Released under the Official Information Act 1982

From: [Redacted]
To: [Redacted]
Subject: RE: Watch - Teen activist on climate change: If we don't do anything right now, we're screwed"
Date: Monday, 18 March 2019 5:15:25 PM
Attachments: [image001.jpg](#)
 [Redacted]

Kia ora [Redacted],

Please find attached a response to your email below, sent on behalf of Hon James Shaw.

Kind regards
Rachel



Rachel [Redacted] | Private Secretary, Climate Change
Office of Hon James Shaw

Minister for Climate Change | Minister of Statistics | Associate Minister of Finance
 Level 7, Bowen House, Parliament Buildings, 80 Lambton Quay | Private Bag 18041 | Wellington 6160 |
 New Zealand

[Redacted]

From: [Redacted]
Sent: Monday, 24 December 2018 9:30 AM
To: Rt. Hon Jacinda Ardern <[x@xx](#)>; J Shaw (MIN) <[x@xx](#)>; J Ardern (MIN) <[x@xx](#)>
Cc: G Robertson (MIN) <[x@xx](#)>; Hon David Parker <[x@xx](#)>
Subject: Watch - Teen activist on climate change: If we don't do anything right now, we're screwed"

Hey Team,

Can we get some movement on Climate and Environment? Not just signing of international agreements. No working group required, the science has been done for 200 years. Joseph Fourier in 1824. Just crack on with a roll-out planning team, get some ex NZDF person to plan logistics, like done for Pike River.

Here is some examples:

- Stop subsidies to fossil fuels, make that industry pay up front for the externalised costs that the tax payer has been paying for decades. You know, costs like dying from pollution.
- Incentivise private EVs, batteries, solar, at equal and opposite levels to the fossil oligarchs, so the bad rich are hit not the struggling middle or poor.
- Grid scale EVs, batteries, solar for all Government departments, NZDF needs sorting for sure.
- Encourage building of soils, don't believe federated farmers that they know what they are doing, they don't. Permaculture can employ and feed orders of magnitude more people than cows can. Regional funding grants anyone? Landcorp anyone? Soil is more important, billions of trees maybe a result of a building soil policy. Pretty sure Dr Mike Joy would say something like this.

You lot have got to stay in after the next election. Lets get the messaging straight, the right

outperforms the left - always - on messaging, why? Put some effort in to messaging for sake. Often the down to earth obvious point, the sound bite that the average Kiwi will understand is missed.

Also, why all the dumb mistakes, looking at you Labour, ugh! How about keeping the boss (PM) informed, have a PMs' critical information requirement list made. I can provide a few for the list, but pretty sure a quick google search on silly mistakes made will get things started.

Anyway, here is a 15 year old doing more than New Zealand on Climate.

<https://www.newyorker.com/news/our-columnists/the-fifteen-year-old-climate-activist-who-is-demanding-a-new-kind-of-politics>

Watch "Greta Thunberg" on YouTube

<https://www.youtube.com/channel/UCQbz6u1CyABskXzDhav3vxw>

Jacinda is pretty cool though.

Kind Regards

Withheld under
s9(2)(a)

Palmy

Released under the Official Information Act 1982

From: [Redacted]
To: [Redacted]
Subject: FW: Declaration of a Climate Emergency [Redacted]
Date: Tuesday, 9 April 2019 3:03:01 PM [Redacted]

Kia ora Ministerials,

Please draft a response to the email below.

Please let me know if you don't think a response is appropriate, or if this message can be responded to through an acknowledgement email (which I can send out) rather than a letter from the Minister.

I make this initial assessment in the office, but sometimes it's not obvious what the best form of response is until the message is considered in more detail.

Nga mihi,
Rachel

From: [Redacted]
Sent: Tuesday, 9 April 2019 11:39 AM
To: [Redacted]
Subject: FW: Declaration of a Climate Emergency - Zel Whiting

Hi Rachel

Are you happy for me to transfer this?

Thanks
Arna

From: [Redacted]
Sent: Sunday, 7 April 2019 4:39 PM
To: Rt. Hon Jacinda Ardern <xxxxxxx.xxxxxx@xxxxxxxxxxx.xxxx.xx>
Subject: Declaration of a Climate Emergency [Redacted]

Dear Prime Minister Ardern,

My name is [Redacted]; I am 13 years old and live in Australia. I am part of the Fridays for Future international youth movement with Greta Thunberg and Sophie Hanford (you have met)

I love nature and like to make documentaries about Australian wildlife from Quolls to Giant Cuttlefish. Recently I've learnt to understand that all of these beautiful animals and plants we have marvelled are under critical threat from climate change, and government inaction, as are we as a species.

Like many people, I have known of Climate Change as an abstract thing but not comprehended what's happening because of it. I believe this stems from a lack of education and urgency. The term "Climate Change" is passive, whereas "Climate Emergency" calls for action and fast. This is what we need.

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A Declaration of a Climate Emergency means in practical terms that a community puts together an action plan tailored for their unique geography and challenges, to immediately reduce CO2 emissions, instigate carbon draw down initiatives, educate people on the climate emergency using existing or low cost communication channels and build community resilience.

I have been looking at practical ways this could happen and discovered that local councils across the world are becoming a grassroots movement of their own with over 410 local councils in Canada, UK, USA, Europe and Australia declaring a State of Climate Emergency.

You can find really good information about what has been occurring at both these websites:

www.cedamia.org www.caceonline.org

In Australia we haven't had a Capital City declare yet!

I am working with people in Queensland, Victoria, NSW, ACT and WA to form teams to petition City Councils to declare, we are making it a National Competition – the first Australian Capital City to declare for the title and the glory!

I am also working with some of the Fridays for Future team in Europe to also encourage this as the next step in their towns and cities. We have Italy, Sweden, France, Spain, UK and Portugal all working on this to happen and get the ball rolling.

I then thought how could we get a whole country to make a Declaration of a Climate Emergency and I know that New Zealand has always been a progressive nation when addressing climate change.

I know that you understand the urgency of us taking the next step to addressing Climate Change, because it is not only going to bring cataclysmic weather events, there is going to be extreme civil unrest because of no food and people having no homes.

Horrible things are going to happen, today I was reading how African refugees trying to get to Europe because of unrest are stuck in Libya because the EU has close their borders, and because there is a power vacuum in Libya since the killing of General Gadhafi, they are now being sold as slaves for as little as \$200 and are being tortured. If Climate Change is not addressed it won't be long before this type of thing happens on an enormous scale.

New Zealand has led the world on speaking up about Climate Action being vital for the survival of humanity. The people of New Zealand get this and unlike Australia, the government of New Zealand also understand this.

I would like your nation to again lead the way and be the first nation to Declare a State of Climate Emergency. I believe this would set an important precedent and we could work towards other Oceanic countries actively responding to climate change, because even though we all know they are not the polluting nations (not by a mile) if we can ramp up people seeing that we can do something, then they will too.

If you have any questions or would like to talk about how we can make this happen my contact details are **Withheld under s9(2)(a)** and you can find me on Facebook as **Withheld under s9(2)** if you want to check that I am legit.

I hope to hear from you soon,

Kindest,

Withheld
under e9(2)(a)

Released under the Official Information Act 1982

From: Withheld
To: Withheld under s9(2)(a)
Subject: RE: Don't let one gunman shut down our children's voices
Date: Friday, 3 May 2019 12:55:28 PM
Attachments: Withheld under s9(2)(a)

Hi Rachel,

Please find draft response attached and hard copy in Friday afternoon bag.

Thanks, Dave

From: Withheld under s9(2)(a)
Sent: Friday, 29 March 2019 10:39 AM
To: Withheld under s9(2)(a)
Subject: FW: Don't let one gunman shut down our children's voices

Kia ora Ministerials,

Please draft a response to the email below.

Please let me know if you don't think a response is appropriate, or if this message can be responded to through an acknowledgement email (which I can send out) rather than a letter from the Minister.

I make this initial assessment in the office, but sometimes it's not obvious what the best form of response is until the message is considered in more detail.

Nga mihi,
Rachel

From: Withheld under s9(2)(a)
Sent: Thursday, 28 March 2019 10:18 AM
To: Withheld under s9(2)(a)
Subject: FW: Don't let one gunman shut down our children's voices

Rachel do you accept transfer please?
Alvina

From: Withheld under s9(2)(a)
Sent: Thursday, 28 March 2019 10:09 AM
To: Withheld under s9(2)(a)
Subject: FW: Don't let one gunman shut down our children's voices

Hi Alvina

Can I please transfer this to Minister Shaw under Climate Change?

Thanks

Lucy Withheld under
Office of Hon Eugenie Sage

From: Withheld under s9(2)(a)
Sent: Tuesday, 26 March 2019 8:08 AM
To: Hon Eugenie Sage <xxxxxxx.xxxx@xxxxxxxxxxx.xxx.xx>
Subject: Don't let one gunman shut down our children's voices

Dear Eugenie Sage

I am a Green Party member here in the Port Hills electorate. I greatly appreciate all the work you do for our country.

On the 15th March 2019 a lone gunman massacred innocent people. The gaze of the world turned towards New Zealand.

Perhaps some saw the worst of what we are. Most will have seen the best of what we are.

Our government and it seems our parliament, united and delivered a response that was sensitive, thoughtful and kind. In relation to gun law, parliament found a way to unite and is poised to pass legislation that for 25 years has seemed impossible.

On the 15th March something else momentous happened; well over 1.5 million students struck for the climate: in 2,083 places; in 125 countries; on all continents, “the biggest day of climate action ever”, to quote Greta Thunberg's Facebook post.

New Zealand's young people, by virtue of our position on planet Earth, “led” the world.

You will shortly be receiving, or have just received, an open letter addressed to every Member of Parliament. This letter will also be published in the Dominion Post on Wednesday 27 March. We are requesting the declaration of a state of Climate Emergency and the immediate delivery of effective climate policy.

Understand that we have written this letter to you because we have confidence in the process and confidence that you will act.

You have shown us that you are capable of uniting and acting quickly, decisively and correctly. We need you to do this - **We need you to do this again and again.**

Our Open Letter is signed by 2,291 New Zealanders. This is a small number; however it is the tip of the iceberg of public opinion that knows deep down that, once again to quote Thunberg “we need new politics, we need a new economics where everything is based on our rapidly declining and extremely limited carbon budget.”

This is your “Titanic” moment. We have elected you to captain the ship. The iceberg is not going to move. We trust you will take control, as you have demonstrated you can.

Rest assured your passengers and crew will support you as you lead NZ and lead the world. Turn our ship away!

Yours in hope and confidence

Withheld under s9(2)(a)

[Redacted]

[Redacted]

Released under the Official Information Act 1982

From: Withheld
To: Withheld under
Subject: RE: Now It's The EIB
Date: Thursday, 22 August 2019 4:44:18 PM
Attachments: Withheld
under s9(2)

Hi Kate,

Please find draft response attached and hard copy in Friday morning bag.

Thanks, Dave

From: Withheld under s9(2)(a)
Sent: Monday, 29 July 2019 5:17 PM
To: Withheld under s9(2)(a)
Subject: FW: Now It's The EIB

Kia ora Ministerials,

Please draft a response to the email below.

Please let me know if you don't think a response is appropriate, or if this message can be responded to through an acknowledgement email (which I can send out) rather than a letter from the Minister.

I make this initial assessment in the office, but sometimes it's not obvious what the best form of response is until the message is considered in more detail.

Thanks



Kate Withheld
eld | Private Secretary, Climate Change
Office of Hon James Shaw

Minister for Climate Change | Minister of Statistics | Associate Minister of Finance
Level 7, Bowen House, Parliament Buildings, 80 Lambton Quay | Private Bag 18041 | Wellington 6160 |
New Zealand

Withheld under s9(2)(a)
[Redacted]

From: Withheld under s9(2)(a)
Sent: Sunday, 28 July 2019 12:43 AM
To: Hon James Shaw <James.Shaw@parliament.govt.nz>
Subject: Fwd: Now It's The EIB

Tena kohe James,

I believe this is the sort of initiative the Minister for Climate (Breakdown) should be 100 percent behind and encouraging Adrian Orr at the RBNZ to follow suit.

The RBNZ needs to signal to the New Zealand registered banks they will no longer be permitted to extend credit of any sort to the fossil fuel industry by the end of 2020, and they must be fully withdrawn from that industry.

They should be directed to support only fully sustainable energy generation and uses.
This is how real prudential supervision works.

The RBNZ objectives and purpose must be changed to spell out this purpose.

The world's peoples will not stand idly by while some so called elites destroy life.

This is an important part of any climate minister's role.

I truly hope you understand this James and are working with all your resources to this end? This is what Greta Thunberg is talking about and XR is talking about. We are working for the survival of ourselves and the species.

Nga mihi nui

Withheld under
s9(2)(a)

----- Forwarded message -----

From: Withheld under s9(2)(a)

Date: Fri, 26 Jul 2019, 20:45

Subject: Now It's The EIB

To: <xxxxxx.xxx@xxxx.xxxx>xx

<https://www.theguardian.com/environment/2019/jul/26/eib-plans-to-cut-all-funding-for-fossil-fuel-projects-by-2020>

Hello Adrian,

The European Investment Bank now proposes to stop all leading to fossil fuels by the end of 2020.

What progress have we made, and by when will all registered New Zealand banks have committed to the same target?

Do we have a date?

Nga mihi nui

Withheld under
s9(2)(a)

Released under the Official Information Act 1982

From: Withheld
To: Withheld@under
Subject: Re: Watch "Greta Thunberg: "We want politicians to listen to the scientists"" on YouTube
Date: Friday, 23 August 2019 4:15:49 PM
Attachments: [image001.jpg](#)
 Withheld under s9(2)(a)

Hi Kate,

Here's the draft reply to Withheld under s9(2)(a) – and hard copy to come in the Monday morning bag.

Thanks, Dave

From: Withheld under s9(2)(a)
Sent: Monday, 5 August 2019 10:56 AM
To: Withheld under s9(2)(a)
Subject: FW: Watch "Greta Thunberg: "We want politicians to listen to the scientists"" on YouTube

Kia ora Ministerials,

Please draft a response to the email below.

Please let me know if you don't think a response is appropriate, or if this message can be responded to through an acknowledgement email (which I can send out) rather than a letter from the Minister.

I make this initial assessment in the office, but sometimes it's not obvious what the best form of response is until the message is considered in more detail.

Thanks
Kate



Kate Withheld
 eid | Private Secretary, Climate Change
Office of Hon James Shaw

Minister for Climate Change | Minister of Statistics | Associate Minister of Finance
 Level 7, Bowen House, Parliament Buildings, 80 Lambton Quay | Private Bag 18041 | Wellington 6160 |
 New Zealand

Withheld under s9(2)(a)

From: Withheld under s9(2)(a)
Sent: Monday, 5 August 2019 2:48 AM
To: Hon James Shaw <x@xx>
Subject: Watch "Greta Thunberg: "We want politicians to listen to the scientists"" on YouTube

<https://youtu.be/iTvGwjcBCL8>

Tena kohe James,

The video with Greta says it All.

Have you done your homework yet?

Released under the Official Information Act 1982

Do the school children who still can't vote have to clean up your mess?

Successive governments here and around the world have done nothing.

Politicians talk a lot, make promises, denials, tell half truths, originate (claytons) zero climate bills, promote greenwash and continue business as usual.

Have you done your homework James?

2020 is the year we must, absolutely must, turn around our emissions; emissions must reduce and that includes methane from agriculture, transport, industry electricity generation, natural gas, and clthyrates- the permafrost. It must all reduce at a minimum in line with Paris. Even that is not enough!

Have you done your homework James?

Tipping points abound, uncertainty abounds, and the very worst thing is we can't trust those elected to act.

This isn't about the green party, it's about parliament, the bureaucracy, the so called leaders, business leaders, rent skimmers, rate skimmers, oil corporations and their like.

It's people like you and me James.

It matters not whether your net worth is ranked in \$Billions or negative.

We are all affected. In the end we will all seriously lose all we value, billionaire, politician, all people alike.

There's no PLANET B.

Act Now
Tell The Truth
Citizens Assembly now

This is too big for the present or any NZ parliament, the politicians we're never elected to decide the future of us all.

Act Now!

Nga mihi nui

Withheld under
s9(2)(a)

XR member and supporter

From: Withheld
To: Withheld under
Subject: Re: Climate Change
Date: Thursday, 5 September 2019 1:40:04 PM
Attachments: Withheld
under s9(2)

Hi Kate,

Please find draft response attached and hard copy in Thursday afternoon bag.

Thanks, Dave

From: Withheld under s9(2)(a)
Sent: Monday, 19 August 2019 2:48 PM
To: Withheld under s9(2)(a)
Subject: FW: Climate Change

Kia ora Ministerials,

Please draft a response to the email below.

Please let me know if you don't think a response is appropriate, or if this message can be responded to through an acknowledgement email (which I can send out) rather than a letter from the Minister.

I make this initial assessment in the office, but sometimes it's not obvious what the best form of response is until the message is considered in more detail.

Thanks
Kate

From: Withheld under
s9(2)(a)
Sent: Friday, 16 August 2019 8:11 PM
To: Withheld under s9(2)(a)
Subject: FW: Climate Change

Hi Kate,

Please find correspondence regarding the Minister's Climate Change portfolio.

I will leave you to follow-up as appropriate unless informed otherwise.

Many thanks,
Dave



Withheld under s9(2)(a) | Private Secretary (Executive Support)
Office of Hon James Shaw | Green Party Co-leader | Minister for Climate Change | Minister of Statistics | Associate Minister of Finance
Level 7, Bowen House, Parliament Buildings, 80 Lambton Quay | Private Bag 18041 | Wellington 6160 | New Zealand

Withheld under s9(2)(a)

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Withheld under s9(2)(a)

The information contained in this email message is intended only for the addressee. It may be legally privileged. If you are not the intended recipient you must not use, disclose, copy or distribute this message or the information in it as this may be unlawful. If you have received this message in error, please email or telephone the sender immediately.

From: Withheld under s9(2)(a)
Sent: Friday, 16 August 2019 12:39 PM
To: Hon James Shaw <James.Shaw@parliament.govt.nz>
Subject: Climate Change

Withheld under s9(2)(a)

James.shaw@parliament.govt.nz
Parliament office
Private bag 18888
Parliament Buildings
Wellington 6160

Friday 16/8/2019

Dear Honorable James Shaw

My name is Withheld under s9(2)(a), and I'm a student from Kapiti College. I am writing to you about climate change, and the Zero Carbon Bill which is currently in parliament. I feel that climate change and finding a solution for it is paramount to the future of our nation, and the world.

I know that something is already being done to address this issue but I believe that we can do more to protect our home. One of New Zealand's biggest industries is agriculture, contributing 10.6 billion dollars to the GDP. Meat, wool, milk/dairy etc. But agriculture is the second biggest contributor to the production of greenhouse gasses, making 25% of all greenhouse gasses. I believe that the bill should be even tougher on large farming/agriculture corporations, even though they are one of the highest contributors to our economy.

One of the ways to solve this would be having the entire country eat less meat, or maybe even stop altogether. We could do this by implementing a tax on meat, this would encourage people to buy other food, and less meat. We could also remove GST from vegetables, reducing the price and furthermore encouraging people to buy them. Removing GST from vegetables wouldn't have an effect on how much the government are getting in taxes, because we could add an extra 15% onto meat as the meat tax, balancing it back out. This would also help people in poverty, who cannot buy fresh fruit and vegetables because they are too expensive. This would also reduce the rates of obesity related diseases because by having people eat more vegetables, it would improve their health.

Even though this is quite an extreme solution, I believe it is needed in this extreme situation. As Greta Thunberg, initiator of the school strike for climate said, "Avoiding climate breakdown will require cathedral thinking. We must lay the foundation while we may not know exactly how to build the ceiling."

This is the biggest problem the human race has ever faced. We must not just ignore, because our lives, futures, and future generations are at risk, and if we don't do anything, we will be the generation responsible for destroying our planet. You have the power to fix this, please don't waste it. I look forward to hearing your response.

Yours Sincerely

Withheld under
59(2)(a)

Released under the Official Information Act 1982

8. Extract document: Briefing note and various emails that mention Greta Thunberg

Add your voice by joining the Talanoa Call For Action!

Saturday, 15 December 2018

You can join the call by sharing our video on Facebook, summarizing the key messages of the Talanoa, [here](#).

Or by sharing Greta Thunberg's and Timoci Naulusala's invitation to join the call for action, [here](#).

A quick review please!

Friday, 21 December 2018

As we look ahead, one thing I think we should carry from our mahi in 2018 is the power of inward change to spark outward change. If you need a final end of year piece of inspiration, take a moment to watch this [video from COP 2019](#) of 15 year old Greta Thunberg.

Climate Change Articles for information junkies

Tuesday, 29 January 2019

My personal hero – Climate activist Greta Thunberg, speaking to world's elite at Davos

<https://www.youtube.com/watch?v=zrF1THd4bUM>

RE: CarbonClick (aka bitcoin trading for trees)

Friday, 1 February 2019

Offsets send the wrong messages to consumers, businesses, and policy makers.

If humanity is going to keep warming below 1.5 degrees let alone 2, then each of us needs to fly and use taxis as little as possible (among many other things). If flights and taxis reflected the true cost of their emissions, then far fewer New Zealanders could afford them and those businesses will be less profitable. Subsidising high emissions transport options (per capita/trip) rather than funding lower emission transport or alternatives, like remote work, may not be the optimal use of ratepayer money.

Also, having a voluntary option for consumers to pay distracts from the legitimate question – which is not entirely outside of MfE's scope given our involvement in the Climate Related Financial Disclosures work – about who should pay for the costs of climate change. Climate activist Greta

Thunberg offered her view at the World Economic Forum last week ([See Teen activist tells Davos elite they're to blame for climate crisis](#)).

Wrap up of Youth Engagement

Friday, 15 February 2019

After my presentation at Victoria yesterday I was questioned about how MfE was responding to the youth movement happening across the globe atm, initiated by the Swedish (superstar in my opinion) 15 year old Greta Thunberg. I couldn't say that I remember hearing any talk about this, but it definitely seems like something we should be tapping into.

<https://www.theguardian.com/science/2018/sep/01/swedish-15-year-old-cutting-class-to-fight-the-climate-crisis>

<https://www.nrk.no/urix/de-unges-klimaoppgjor-1.14419489> This one is in Norwegian, but the gist of it is that youth in Norway, USA, and Sweden feels like they are not being listened to, so they are taking matters into their own hands.

"If you don't act like adults, we will"

Tuesday, 5 March 2019

[external author, name redacted]

We'll be marching in solidarity with students who are calling on the government for meaningful climate action, and a fast and just transition to 100% renewable energy. Will you join us and march alongside our tamariki?

As the literal poster child of this movement, Greta Thunberg said, "we have to understand the emergency of the situation. Our leadership has failed us. Young people must hold older generations accountable for the mess they have created. We need to get angry, and transform that anger into action."

Greta Thunberg nominated for Nobel Peace Prize

Friday, 15 March 2019

https://www.theglobeandmail.com/world/article-swedish-teen-climate-activist-greta-thunberg-nominated-for-nobel-peace/?cmpid=rss&utm_source=dlvr.it&utm_medium=twitter

Go young people!

Greta Thunberg - climate and your gen

Monday, 18 March 2019

Girls – some interesting graphics looking back at what the current world leaders knew when they were Greta's

https://insideclimatenews.org/news/15032019/infographic-climate-change-teens-school-strikegreta-thunberg-future-trump-macron-merkel?utm_source=InsideClimate+News&utm_campaign=ea00c56978-&utm_medium=email&utm_term=0_29c928ffb5-ea00c56978-327744925

Map #43: Whose Ideas Will Govern The Future?

Monday, 29 April 2019

In response, four Table members [names redacted] set forth from Toronto to start a new global conversation about the purpose of schools, with the aim of mobilizing three under-heard voices: the student voice; the voice of parents as partners in education; and the voice of teacher unions around the world. Since November, they've pulled in union leaders and researchers from Australia, California, Canada and New Zealand, and published a handful of opinion pieces (for example here, here and here). They're gathering some 60+ students and teachers this weekend in Banff, Alberta to explore the future that students wish to see. A timely gathering. (I'm thinking of Greta Thunberg's climate activism, and of the #ExtinctionRebellion.) And they're beginning to plot a public engagement strategy on the purpose of public schools for the fall of 2019 and throughout 2020. How can society help youth to lead the purposeful lives they want to live? It's an urgent question. This group already has some good answers.

There's some in here for the CIPA team

Monday, 29 April 2019

All decisions should think about emissions!

<https://www.theguardian.com/environment/2019/apr/23/greta-thunberg-full-speech-to-mpsyou-did-not-act-in-time>

UK government advisers to recommend net zero emissions by 2050

Tuesday, 30 April 2019

Extinction rebellion (and Greta Thunberg) seems to be having growing influence with UK politicians.

Interesting: "The recommendation comes as climate change has moved up the political agenda, with the UK's governing Conservative party keen to burnish its green credentials while cross-party support for more aggressive action to curb pollution has grown."

And the support of business who want certainty and will get that: "Chris Stark, the CCC's chief executive, said in March that the UK setting tougher emission targets would be a "powerful signal to other countries" and would see it become the first country after Sweden to fix a target of net zero. Matthew Fell, UK policy director at the CBI business lobby group, said last week that British

businesses supported the adoption of a net zero target, but needed "certainty, certainty, certainty" from the government.

Wonder why Scotland has a more ambitious target (net Zero by 2045)?

Greta in Da House

Tuesday, 30 April 2019

Two of the world's biggest names right now, Greta Thunberg (16 year old Swedish Climate Activist) and John Bercow (Speaker of UK Parliament and one of the best voices of all time), together at last!

<https://www.youtube.com/watch?v=oZJbFZe0EC4>

Hashtag youth engagement

Climate change speech from 16 year old

Monday, 6 May 2019

This came across my desk in the weekend, a bit late I know, but presents a very interesting challenge to our policy makers:

<https://www.theguardian.com/environment/2019/apr/23/greta-thunberg-full-speech-to-mps-you-did-not-act-in-time>

emissions requests

Monday, 13 May 2019

[External author, name redacted]

In April, Greta Thunberg described the UK's carbon emissions reduction as "very creative" accounting because it excluded aviation, shipping, imports and exports. I understand that NZ follows the same practice (allowed with the Kyoto protocol).

Can MFE provide me with the emissions data for aviation, shipping, imports and exports - and explain how it would change our reporting on the 2008-12, 2013-20 and 2021-2030 target periods if these were included.

Tuesday, 14 May 2019

[Internal author, name redacted]

Hi both,

Would one of you be able to draft something on the below requests, get the other to review (or someone else if capacity is an issue), and then send back to me for sign out? Lucy has asked for this by end of today.

Thank you very much!

Tuesday, 14 May 2019

[Internal author, name redacted]

Hello again. I was off yesterday, so just picking this enquiry up now – I'd like to reply to this today – we have answered some similar questions re splitting of emissions between sectors.

[Internal author, name redacted]

If I understand correctly, this would involve adding to gross emissions:

- (Assuming International) aviation
- (Assuming International) shipping
- Imports and exports: unsure whether this is referring to imports and exports of fuel?

I am happy to draft if I have a clear enough understanding.

[Internal author, name redacted]

Thank you for agreeing to take it on.

Re your points:

- I'd suggest doing it separately for international and domestic aviation and navigation. This is because international aviation and international navigation, although reported annually, do not contribute to NZ's national totals.
- Imports and exports
 - Imports and exports of fuels are factored in the reference approach to estimating CO₂ emissions from the Energy sector. They also do not contribute to the national totals and used a verification data only. Therefore, the import/export data for CO₂ emissions from fuels should not affect our reporting for any period of time. The emissions for CO₂ and non-CO₂ gases from fuels within the national totals are coming from the sectoral approach only.
 - There are also exports and imports of F-gases that are taken into account in estimating relevant emissions in the IPPU sector as we are using mass-balance approach in that sector. These obviously are included in the totals but as a part of a bigger equation. If you'd like to cover this to a greater detail, it's best to discuss with [name redacted]
 - The third part of the inventory where imports and exports are involved is the Tokelau sector. As all fuels in Tokelau are imported, any variations in fuel imports would affect Tokelau's emissions (CO₂, CH₄, N₂O). However, as Tokelau contributes

less than 0.004% of NZ's total emissions, these variations wouldn't make any significant difference to New Zealand's reporting over the specified periods.

[Internal author, name redacted]

First I'll take a step back to make sure we agree on what's being asked, so I can provide the right response. As such I've interpreted the questions to be clearer for us – please let me know if you agree:

...

What are NZ's emissions for international aviation & navigation, fuel imports and exports?

If NZ's international reporting was to include items in part 2 in gross emissions, how would that change our reporting on the target periods CP1, CP2 & 2021-2030?

My proposed response will take the following approach

...

2. I will report emissions for 1990 and 2017 for:
 - a. international aviation
 - b. international navigation
 - c. imports of fuel
 - d. exports of fuel
 - e. net impact of the above

What I won't include here: F-gases are already taken into account therefore it won't affect this calculation;

Tokelau: ignore as it's negligible; domestic aviation & navigation are already included

3. I anticipate this to be a brief text description of how the accounting would be affected (noting that it would change emissions for the entire time series therefore may not affect the targets much at all).

[Internal author, name redacted]

It is not clear from the question if Greta is asking about international navigation/shipping and not the domestic one.

In my opinion, she does not have clear understanding of what it means and what is included in the national totals and what is reported in the inventory. So I would add an explanation to clarify for Greta that:

1. Domestic navigation and aviation are included in the national totals already (it is not obvious for Greta)
2. Exports and imports are not universal terms in the inventory and are concerned with very specific terms and concepts:
 - a. Exports and imports of fuels in the Energy sector
 - b. Exports and imports of fluorinated gases in the IPPU sector

- c. Exports and imports of fuels in the Tokelau sector
3. Then you can explain that:
 - a. 2(a) do not contribute to the national totals and used a verification data only. Therefore, the import/export data for CO2 emissions from fuels should not affect our reporting for any period of time.
 - b. 2(b) are reported in the inventory under the IPPU sector as a part of the method used for estimating emissions of fluorinated gases from that sector
 - c. Imports of fuels to Tokelau contribute to less than 0.004% of New Zealand's total emissions, and therefore, variations in these values will not affect the total New Zealand's emissions.
 - d. According to the inventory reporting rules, emissions from the international transport (aviation and navigation) are reported in the inventory annually as memo items, so their emissions data are available.
4. Then the interpretation you have proposed would work (points 1 – 3 from your message)
5. Please be careful with "reporting emissions from export and import of fuels" as they do not cover ALL direct GHGs, only CO2 and only approximately. Adding them to the totals WILL NOT be appropriate or even technically correct as this would be double counting of already reported CO2 emissions without taking into account other direct GHGs.

Use of climate language

Monday, 20 May 2019

Kia ora

The Guardian has tweaked how it is using its language with respect to the climate crisis as it more accurately describes the environmental situation.

Is this something we're considering? Particularly if the Parliament agrees to pass a motion that we are indeed facing a climate crisis?

[internal author, name redacted]

I'll discuss this one with EECA in the context of the joined up climate change narrative. But also with Janine and Roger... climate heating is probably more accurate yes.

Climate crisis and emergency – yes both accurate but we need to watch we don't further overwhelm some audiences into further inaction.

[internal author, name redacted]

Greta Thunberg will tell you she wants you to panic!

RE: PLEASE PRIORITISE: Information on School Strike 4 Climate & key information on the ZCB

Tuesday, 21 May 2019

School Strike 4 Climate notes for Prime Minister Ardern

The School Strike 4 Climate (SS4C) movement started in August 2018 after Greta Thunberg, a then 15-year-old Swedish student, protested outside Swedish Parliament, demanding more action to be taken to prevent further climate change. Her message gained significant momentum following COP24 in Poland in December, with strikes taking place in over 270 cities.

- The SS4C movement are holding another round of strikes on Friday 24 May, with New Zealand students aged 8-18 striking nationwide, united by their concern about the planet.
- They plan to tell politicians to take the youths' futures seriously by;
 - declaring a climate emergency;
 - passing a Zero Carbon Bill puts in place a legally enforceable plan to reach zero carbon by 2040; and
 - ceasing all new exploration and extraction of fossil fuels.

RE: FORMAL MESSAGE: EUROPEAN PARLIAMENT: ELECTION OUTCOME: SWEDEN: "BLUE WAVE"

Thursday, 30 May 2019

The losers - No green wave on Greta Thunberg's home turf

...

Sweden's Green party lost almost 4% of their vote compared to the 2014 election. It appears most of their votes went to the Center party, who also campaigned on climate issues.

AR ideas

Friday, 7 June 2019

From under northern skies – the 16-year-old who organised the very first climate strike, Greta Thunberg - can propagate a tide of change, a call for action. Even more profound is her refrain that 'no-one is too small to make a difference'.

And that single, small, daily choice may just enable our grandchildren to taste that bowl of steaming green-lipped mussels.

FORMAL MESSAGE: EUROPEAN PARLIAMENT ELECTIONS - WHAT TO EXPECT OF THE EU OVER THE NEXT FIVE YEARS

Tuesday, 2 July 2019

The highly-touted 'green wave' was a mainly North Sea phenomenon. Gains were localised in Germany, France and the UK and to a lesser extent in the Netherlands, Belgium, Denmark, Finland and Ireland (it missed Sweden despite the expected "Greta Thunberg effect").

A plan for our session on Saturday

Wednesday, 24 July 2019

a couple of quotes:

"Hope is not something that you have. Hope is something that you create, with your actions. Hope is something you have to manifest into the world, and once one person has hope, it can be contagious. Other people start acting in a way that has more hope." - Alexandria Ocasio-Cortez

"Act. Do something. Because that is the best medicine against sadness and depression." - Greta Thunberg

Ehara taku toa i te toa Takitahi engari he toa takimono - My strength is not that of an individual but that of the collectives

Friday, 9 August 2019

I'm going to follow Greta Thunberg's footsteps in climate change.

I will be joining the New Zealand Interim Climate Change Commission in the Transportation group.

Hope we will cross our paths again.

Register for our webinar: Quality, availability and price of carbon offsets in Australia

Tuesday, 20 August 2019

From Sydney to Perth, thousands of students have walked out of classrooms to take part in School Strike 4 Climate as the Greta Thunberg effect sweeps the nation and the globe.

Generational bonding in a picture

Wednesday, 18 September 2019

How's this for some generational bonding! Photo of the year, surely

Greta Thunberg and Barack Obama are now pals



Greta Thunberg's free and frank advice at the UN today

Tuesday, 24 September 2019

[Internal author, name redacted]

<https://www.youtube.com/watch?v=TMrtLsQbaok>

[Internal author, name redacted]

Thanks. I had to give my kids extra hugs this morning after hearing it on the radio. Made me quite emotional.

Fortunately both of them are definitely going to the climate strike.

Have a good day, despite that. ☺

[Internal author, name redacted]

Agree. It makes me so angry for my daughter, who did nothing to deserve what's coming. And for people our age, who probably won't get the 80 or 90 years of life our parents and their parents will have. But her outrage gives me motivation to stay in this often frustrating job and push for every last uncompromising inch. We may yet prevail.

[Internal author, name redacted]

We want more asbestos! More asbestos!

This speech is truly the king of kings.

[Internal author, name redacted]

Released under the Official Information Act 1982

And as a follow up:

<https://edition.cnn.com/2019/09/23/world/united-nations-greta-thunberg-children-climatechange-human-rights-complaint/index.html>

<https://www.forbes.com/sites/jeffmcmahon/2019/09/22/no-one-seemed-to-notice-greta-thunbergs-critique-of-the-green-new-deal/#6e71558238da>

Greta Thunberg's free and frank advice at the UN today

Tuesday, 24 September 2019

Compulsory viewing.

<https://www.youtube.com/watch?v=TMrtLsQbaok>

Q8, Q11, Q12 today

Tuesday, 24 September 2019

[external author, name redacted]

Q12: MARAMA DAVIDSON to the Minister for Climate Change: Does he agree with Greta Thunberg that when it comes to the climate crisis, "The world is waking up. And change is coming, whether you like it or not"?

RE:

Tuesday, 24 September 2019

Check this out:

<https://www.flightradar24.com/14.54,-91.21/2>

Gives an idea of the extent of the problem...

<https://www.vox.com/the-highlight/2019/7/25/8881364/flying-shame-climate-change-airlinegreta-thunberg>

Context for the week - 25 Spetember

Wednesday, 25 September 2019

Climate Action Summit – the Climate Action Summit happened in NY yesterday.

Amazing speech from Greta Thunberg – climate change is everywhere in the media and a climate strike is taking place this Friday. See the UN website here:

<https://www.un.org/en/climatechange/un-climate-summit-2019.shtml>

Final Content for the Intranet - Climate Strike 27 September

Wednesday, 25 September 2019

You've probably seen in the media that on Friday 27th September there will be the third climate strike. This is an intergenerational strike and is a part of the Global Climate Strike (20-27 September), in over 150 countries.

Alongside the strike in Wellington there is a march which starts at 11am at Civic Square, heading toward Parliament at 11.50am. In Auckland there is a gathering in Aotea Square between 12:00pm - 15:00pm and in Christchurch at Cathedral Square at 13:00pm-15:00pm.

There has been heightened press and attention to this following the UN Climate Summit, and in particular following Greta Thunberg's speech yesterday, as a result we are expect a significant number of people to attend these events.

RE: Climate Change Protest

Wednesday, 25 September 2019

- This is a part of the Global Climate Strike (20-27 September). In over 150 countries, people are stepping up to support young climate strikers and demand an end to the age of fossil fuels.
- this is an intergenerational strike and we are encouraging parents, teachers, grandparents, workers and all adults to join us in this fight for climate justice
- protest starts at 11am @ Civic Square, marching toward Parliament @ 1150am I'd say there would be 5,000 people there, easily. Possibly 10,000

There is heightened press and attention to this following the UN Climate Summit, and in particular following Greta Thunberg's speech yesterday.

some interesting talks

Thursday, 26 September

Kia ora Sustainability whanau,

A couple of things you may be interested in:

Greta Thunberg and Naomi Klein and others – from 9 Sep but I just came across it yesterday:

<https://www.youtube.com/watch?v=Vw58ckJdDmI>

Friday, 27 September

[internal author, name redacted]

Thanks Anne! Watching Greta's recent speech is on my weekend to-do list ☺ Will try remember to let you know next week how I find it

RE: Climate strike reminder

Friday, 27 September 2019

Climate Strike

You've probably seen in the media that on Friday 27 September there will be the third climate strike. This is an intergenerational strike and is a part of the Global Climate Strike (20-27 September) in over 150 countries.

Alongside the strike in Wellington there is a march which starts at 11am at Civic Square, heading toward Parliament at 11.50am. In Auckland there is a gathering in Aotea Square between 12:00pm - 15:00pm and in Christchurch at Cathedral Square at 13:00pm-15:00pm.

There has been heightened press and attention to this following the UN Climate Summit, and in particularly following Greta Thunberg's speech yesterday, as a result we are expect a significant number of people to attend these events.

Write up from talk by Sophie Handford, organiser of the school climate strikes

Friday, 7 June 2019

Earlier this year, Sophie read about Greta Thunberg and was inspired to start organising school strikes for the climate in Aotearoa. She got a team together and started planning the first strike in February. Approximately 20,000 students went on strike on the 15 March – pretty effective! A further 15,000 students participated in the recent May strike, and thousands more spent the day planting trees and picking up rubbish.

worth watching - Greta UN speech

Tuesday, 24 September

<https://www.theguardian.com/commentisfree/2019/sep/23/world-leaders-generation-climate-breakdown-gretathunberg>

UK Guardian article on GHG emissions rise

Wednesday, 12 June 2019

Just in case Mr Muller makes reference to information like that contained in this Guardian article:

...Public concern over the global climate breakdown has grown significantly in recent months, driven by factors ranging from the protests led by the teenage activist Greta Thunberg to the Extinction Rebellion action, which brought parts of central London to a standstill.

Released under the Official Information Act 1982

Briefing note: Notes for meeting with school strike organisers

22 May 2019

...

The School Strike 4 Climate

1. The School Strike 4 Climate (SS4C) movement started in August 2018 after Greta Thunberg, a Swedish school student, protested outside Swedish Parliament, demanding more action to prevent further climate change. Following COP24 in Poland in December 2018, school strikes took place in over 270 cities.
2. The first strikes in New Zealand were held on the morning of 15 March 2019.
3. Minister for Climate Change Hon James Shaw, Minister of Finance Hon Grant Robertson, and National MP Nicola Willis took part in a Q&A session with the crowd at the 15 March strike. In that session, Minister Shaw said that Government was committed to passing the Zero Carbon Amendment Bill this year.
4. The SS4C movement is holding another round of strikes on Friday 24 May, with New Zealand students aged 8-18 expected to strike throughout the country, expressing concern about the planet.

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