

## Weekly update - Minister for Climate Change

Finalised on 03 October for the week commencing 07 October

**Date:** 07 October  
**Time:** 1.45 - 2.45 pm  
**Location:** Office of the Minister for Climate Change

**Attendees:** Hon James Shaw, Minister for Climate Change  
Vicky Robertson, Secretary for the Environment  
Cheryl Barnes, Deputy Secretary, Water and Climate Change  
Roger Lincoln, Director, Climate Change  
Janine Smith, Director, Climate Change  
Lindy Fursman, Chief Advisor, Climate Change  
For item 2: Alex White, Senior Analyst, Climate Change  
For item 3: Matt Cowie, Manager, Climate Change  
For item 4: Matt Cowie, Manager, Climate Change  
Mark Storey, Manager, Climate Change  
For item 5: Kari Scrimshaw, Programme Director, Climate Change

	Agenda	Lead	Time
1	Context	Cheryl	5 min
2	Draft climate-related financial disclosures paper	Alex White	5 min
3	PEB discussion, programme and slides	Matt C	10 min
4	ETR timelines and agriculture	Matt C/Mark	10 min
5	Update on CCC shortlist and timing of announcements	Kari Scrimshaw	5 min

## Upcoming meetings 07-18 October

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<b>Monday 7 October</b>	MFAT Officials Meeting
	MfE Officials Meeting
	Tim Grafton, Insurance Council of NZ re: Rezealiance Project
<b>Tuesday 8 October</b>	Speak at the EDS conference
	Meeting with Prime Minister Rutte of the Netherlands
<b>Thursday 10 October</b>	Dr Christina Hood re: Zero Carbon Bill
<b>Monday 14 October</b>	MFAT Officials Meeting
	MfE Officials Meeting
<b>Tuesday 15 October</b>	Hon Mahuta - Community Resilience - subgroup conversation
	Kevin Hague, CEO Kaiwhakahaere Matua
	Monthly adaptation meeting with officials
<b>Wednesday 16 October</b>	MfE/MFAT Officials - Recommunication of the NDC
<b>Thursday 17 October</b>	TCFD Workshop (Wellington Only)
	Local Government New Zealand Quarterly Meeting
	EU Ambassadors Luncheon 'Exchange on climate action within the multilateral framework'
	TCFD Workshop networking event

## 1. Material for you to be aware of this week

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### Domestic

#### 1.1. Cabinet approval of a new drinking water regulator

On 30 September Cabinet agreed to a proposal by the Minister of Local Government to establish a new independent drinking water regulator as a Crown agent. The new regulator's statutory objectives will include promoting drinking water safety, administering the drinking water regulatory system, building capability among drinking water suppliers, and recognising and providing for Te Mana o te Wai in relation to drinking water.

The drinking water regulator will also be responsible for delivering the new central wastewater and stormwater regulatory functions previously agreed by Cabinet in July 2019. This includes collecting and publishing information on the performance of wastewater and stormwater operators, promoting good practices for wastewater and stormwater management, and monitoring contaminants of emerging concern. Regional councils will retain their existing role as the regulator of wastewater and stormwater discharges under the Resource Management Act.

A new Crown Entity (Water Services) Establishment Bill has been included on the 2019 Legislation Programme to give effect to these Cabinet decisions. An establishment unit will also be setup within the Department of Internal Affairs to oversee the transitional arrangements for the new regulator.

#### 1.2. Update on climate change adaptation partnership projects in Hawke's Bay and South Dunedin

MfE is developing partnership projects with local government. The purpose of the partnership projects is for central government to gain a better understanding about the barriers councils face in effectively adapting to climate change and to incorporate this knowledge into policy development at the national level.

Officials met with Hawke's Bay Regional Council staff on 6 September 2019 to scope a potential partnership project. The council has identified that the current regulatory regime for managing climate change adaptation related risks (including the Resource Management Act 1991 and the Local Government Act 2002) is creating barriers to the effective implementation of their coastal hazards strategy.

Some of these barriers relate to ambiguities as to the roles and responsibilities of city, district and regional councils for taking action to address climate change impacts under the current legislative regime, including the question of how councils fund these actions.

The partnership project will investigate these and other related issues, and produce a case study by the end of 2019 which will feed into advice to Community Resilience Ministers and to the Resource Management System Reform Panel in early 2020. We're in the process of finalising a Terms of Reference for this project with Hawke's Bay Regional Council. Officials are also scoping a project with Dunedin City Council, and will explore progressing a project with West Coast councils on a slower track.

### 1.3. New Zealand and international emissions prices

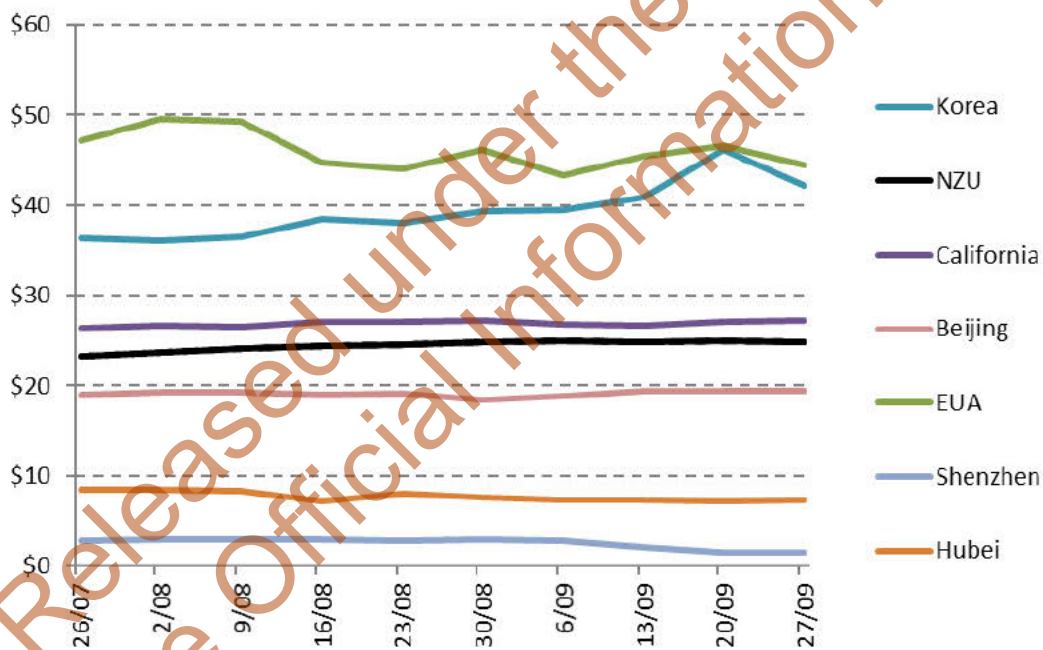
NZU prices remained below \$25 this week, with slow trade after reports in some media outlets that the Government has been unable to reach an agreement to bring agricultural emissions into the NZ ETS.

The EUA fell below 25 Euro, to a four month low, amongst projections of a weakening global economy, the US-China trade dispute and the possibility of a no-deal Brexit. The South Korea KAU price declined this week after a sustained period of gains. Reduced demand following the compliance period deadline on Monday the 30<sup>th</sup> September saw prices fall to \$46.44.

**Table: Current emissions prices**

NZU, EUA and California emissions prices (NZD/t CO <sub>2</sub> e) as at 02 Oct 2019		
NZU	EUA	California
24.80	42.27	27.28

**Chart: Recent trends in international emissions prices**



## International

### 1.4. IETA report on the economic potential of Article 6 of the Paris Agreement

The International Emissions Trading Association (IETA) has released a report *The Economic Potential of Article 6 of the Paris Agreement and Implementation Challenges*. It finds that:

- The potential benefits to cooperation in achieving the nationally determined contributions (NDCs) are large and all countries could benefit. Article 6 of the Paris Agreement, which encourages countries with a price on carbon to cooperate with one another, has the potential

to reduce the total cost of implementing NDCs by more than half (~\$US250 billion/ year in 2030).

- If countries then invest these cost savings in enhanced ambition, Article 6 could facilitate additional abatement under the Paris Agreement by 50 percent or ~5 GtCO<sub>2</sub>/year in 2030.
- The rules are critical. If written poorly, then rather than facilitate additional emissions reductions they could frustrate efforts to achieve the existing contributions and undercut progress.

This report was prepared by IETA and the University of Maryland with support from the Carbon Pricing Leadership Coalition. The findings support the work of building international carbon markets that have environmental integrity. IETA's final key point – the rules are critical – highlights the importance of New Zealand's efforts to develop effective and robust rules under Article 6 of the Paris agreement. We will update you on this work as it progresses.

### 1.5. Russia announces it will ratify the Paris Agreement

Last week, Russian Prime Minister Dmitry Medvedev formally announced that Russia would ratify the Paris Agreement. <sup>s 6(a)</sup>

According to our Embassy, Russia will aim to complete accession, including communicating its Nationally Determined Contribution, by the end of the year.

### 1.6. Caritas' State of the Environment report released

The 2019 edition of Caritas' annual State of the Environment report, titled 'Seeds of Hope' was released October 4th. The report is organised around five themes: extreme weather; food and water; coastal erosion and sea level rise; offshore mining and drilling; and climate finance and includes input from Caritas staff and affiliates around Oceania. It makes four recommendations: honour international climate change commitments and meet our 'fair share' of global climate finance goals; increase and improve climate-related finance for local communities; greater coordination between funding organisations, governments, and remote vulnerable populations; and a stop to both seabed mining and exploration.

These recommendations largely reflect work already under way. New Zealand's \$300m climate finance commitment signals our intent to commit our fair share to global climate finance goals. And our dedicated Climate Change Programme will seek to increase the Pacific's access to climate finance amongst other goals. While Caritas have rated climate finance contributions to Pacific communities as being "woefully inadequate" overall, they have noted New Zealand's increased climate financing during 2018, and that this is part of a trend of increased spending on climate finance from New Zealand.

### 1.7. Ireland to end offshore oil exploration

Ireland has announced it will end oil exploration in Irish waters at the UN Climate Summit last week, in an effort to meet its ambitious targets set out in Ireland's Climate Action Plan which was released earlier this year. In contrast to New Zealand's approach, Ireland will not ban natural gas

exploration “for now”, a controversial decision among critics. s 6(a)

## 2. Upcoming key events/announcements involving MfE/MFAT

- Chair of Climate Change Commission – announcement at Climate Change and Business conference, Auckland

## 3. Upcoming briefings

### Papers for week ending 11 October

Paper number	Issue or event	Lead	Further information
2019-B-06059	Monthly adaptation meeting - supporting material	MfE	Agenda and papers for your monthly meeting with officials on adaptation on 15 October
2019-B-06082	Updated climate-related financial disclosures discussion document & cabinet paper	MfE	Updated documents following your feedback and interagency consultation for Ministerial consultation (to 16 October)
2019-B-06078	Historical methane emissions	MfE	The purpose of this briefing is to respond to Minister Parker's request for information regarding the makeup and historic trends of NZ's total methane emissions, including methane from farming systems

## 4. Cabinet material being prepared for you

Paper number	Paper name	Committee	What this paper covers	Timeframes
31 2019-C-06068	Release of discussion document: climate-related financial disclosures	DEV	This paper seeks agreement to release a discussion document relating to the design of a climate-related financial disclosure regime for entities that participate in New Zealand financial markets. It includes background, key issues and options.	Lodge: 17-Oct DEV: 23-Oct Cabinet: 23-Oct
2019-C-05834	Update on progress in the cross-government Community Resilience Work Programme: development of joint work programme with Local Government	ENV	Report back to Cabinet on the scope, direction and progress of the community resilience work programme and any resourcing implications for Budget 2020.  Note: A draft version of this paper was provided to your office on 2 October, but officials are continuing to improve the paper, including	Lodge: 17-Oct ENV: 24-Oct Cabinet: 4 Nov

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			more clearly signalling the broad areas where the CRG work will land.	
2019-C-05932	NZ ETS approval to consult on auctioning and unit supply regulations	DEV	This paper seeks approval to consult on auctioning and unit supply regulations, and outlines the proposals contained in the associated consultation documents.	Lodge: 31-Oct DEV: 6-Nov Cabinet: 11-Nov
2019-C-06010	New Zealand Emissions Trading Scheme: Exemptions for Disposing Certain Waste	LEG	Regulations to exempt persons from NZ ETS obligations for disposing waste from the Fox Glacier Landfill	Lodge: 7-Nov LEG: 12-Nov Cabinet: 18-Nov

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the Official Information Act 1982

## 5. Cabinet material we have been consulted on

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Paper name	Agency	Committee	Our advice on the paper
2019-C-05889 Landfills vulnerable to the effects of climate change	MfE	ENV	We are working with the authors of this paper to ensure that the messaging is aligned with the community resilience cabinet paper and the national climate change risk assessment. The paper is likely to go to ENV on the same date as the community resilience cabinet paper.

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## 6. OIA requests

### 6.1. Ministerial

Request	Correspondent	Organisation	Reference	Drafting agency	Due at your office/current status	Date due to send
<p>Dear Minister</p> <p>Under Section 12 of the Official Information Act 1982, could I please have a copy of all papers you have taken to Cabinet or Cabinet Committee relating to bringing agriculture into the emissions trading scheme.</p> <p>Could I also please have a copy of all formal advice you have received, including but not limited to aide memoirs, briefing notes, reports, memos, relating to bringing agriculture into the emissions trading scheme, in the last 2 months. Please exclude emails from this request.</p>	s 9(2)(a)	National Party	19-O-02252 James Shaw	MfE	Tue 22 Oct	Wed 30 Oct
<p>Hi there,</p> <p>I'm looking to get a copy of any advice sent to the Minister specifically addressing meeting the 2030 target of 30 per cent less emissions than the 2005 level. This could take the form of an entire briefing or paper or a substantial section of a piece of advice. (To cut down on collation time I want to make clear that a passing paragraph or sentence would not be captured by this.)</p> <p>This is a request under the Official Information Act 1982.</p>	s 9(2)(a)	Stuff	19-O-02251 James Shaw	MfE	Tue 22 Oct	Wed 30 Oct
<p>I'm looking to request a list of all documents, including but not exclusive to briefings, reports, aide memoirs, weekly bullets/reports, and memos reports relating to his climate change portfolio. Please restrict the dates of these documents to 1-August-2019 to 30-September-2019.</p>	s 9(2)(a)	Stuff	19-O-02241 James Shaw	MfE	Tue 22 Oct	Wed 30 Oct

IN CONFIDENCE

Request	Correspondent	Organisation	Reference	Drafting agency	Due at your office/current status	Date due to send
No content of the documents is required, just the name of the document, when it was received, and its reference number.						
<p>I would like to request the following under the OIA:</p> <p>A list of the briefings and reports the Minister has received from the Ministry for the Environment between September 1, 2019 and September 30, 2019.</p>	s 9(2)(a)	NZ Herald	19-O-02255 James Shaw	MfE	Wed 23 Oct	Thu 31 Oct
<p>I confirm that we are seeking formal advice which would have been presented to and/or considered by the Minister, contained in briefing papers (together with any supporting documents referenced in those briefing papers). Our request relates to information supplied to and/or considered by the Minister for Climate Change and the Minister for the Environment.</p> <p>Advice to the Minister for Climate Change and the Minister for the Environment on the range of options considered by the Government to address greenhouse gas emissions.</p> <p>Could I please request under the Official Information Act the following documents that were noted in replies to Written Parliamentary Questions to the Minister for Commerce and Consumer Affairs :</p>	s 9(2)(a)		OIA219	MfE	*Agreed to be release these documents in two batches, due to the large amount of documents in scope. Second batch to follow on a date TBC. Response still underway, as the OIA has been released in tranches, with the final tranche currently being reviewed by Robin (Kate 29/7)	Tue 21 May
<p>Could I please request under the Official Information Act the following documents that were noted in replies to Written Parliamentary Questions to the Minister for Commerce and Consumer Affairs :</p> <p>4. 6 August 2019 Climate change adaptation partnership projects</p>	s 9(2)(a)	National Party	OIA267	Office	With office	Tue 15 Oct

IN CONFIDENCE

Request	Correspondent	Organisation	Reference	Drafting agency	Due at your office/current status	Date due to send
<p>Under Section 12 of the Official Information Act 1982 I request the following cabinet committee papers (Ref WQ 30242 (2019):</p> <ul style="list-style-type: none"> <li>• UN Climate Negotiations Cabinet Paper Final Draft 23 July</li> <li>• Climate Change Negotiations Mandate: Update</li> <li>• NZ ETS Regulations Update: 2019 Consultation Report Back</li> </ul>	s 9(2)(a)	National Party	OIA272		With office – extension until 14/10/2019 for UN Climate Change Negotiations Mandate doc only	Mon 14 Oct
<p>...a copy of all papers you have received and any cabinet or cabinet committee papers you have taken since 1 August 2019 regarding putting agriculture into the ETS. I would also expect to receive copies of any associated Cabinet or Cabinet Committee minutes.</p>	s 9(2)(a)	National Party	OIA274	Office	With office	Fri 11 Oct
<p>Could I please be provided all advice the Minister James Shaw has received regarding agricultural emissions. I would expect that to include advice on a farm-level levy/rebate scheme, and advice on farmers entering the ETS before a farm-level rebate scheme is developed. Please include advice from April onwards.</p>	s 9(2)(a)	Mediaworks	OIA276		With office	Fri 18 Oct

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## 6.2. Ministry for the Environment OIAs

Request	Correspondent	Organisation	Reference	Date due to send
<p>@jamespeshaw OIA to @mfe_news on any information including advice to minister held on trends in news reporting of climate change in last 15 years. @mfe_news</p> <p>on any information including advice to minister held on trends in news reporting on climate change in last 15 years.</p>	s 9(2)(a)		19-D-02083 Departmental	Mon 14 Oct
<p>Please supply the following information under the Official Information Act (OIA).</p> <p>Specifically, I would like:</p> <ul style="list-style-type: none"> <li>- a table of measures undertaken by MFE to encourage a more sustainable, less polluting workspace</li> <li>- a table of measures that are being considered for the future</li> <li>- with each measure, can I request you provide the date each measure was started</li> </ul>	s 9(2)(a)	RNZ	19-D-02157 Departmental	Tue 22 Oct
<p>Dear Ministry for the Environment,</p> <p>Please provide any records (e.g. documents, emails, notes or minutes) mentioning scientists Ned Nikolov and/or Kari Zeller and/or Dr Roy Spencer as mentioned in the link below.</p> <p>For context - so that you can correctly identify the individuals - some links relevant to their work are mentioned in the links below.</p> <p>1) 2017 Peer Reviewed and Published Paper Describing How Earth's Long Term Average Temperature can be estimated from NASA data on other planets without referencing the composition of Earth's atmosphere. That is, the finding is that CO2 does not have an impact on the long term average temperature of Earth.</p> <p><a href="https://www.omicsonline.org/open-access/New-Insights-on-the-Physical-Nature-of-the-Atmospheric-Greenhouse-Effect-Deduced-from-an-Empirical-Planetary-Temperature-Model.pdf">https://www.omicsonline.org/open-access/New-Insights-on-the-Physical-Nature-of-the-Atmospheric-Greenhouse-Effect-Deduced-from-an-Empirical-Planetary-Temperature-Model.pdf</a></p> <p>2) Blog reply by Ned Nikolov in response to a critique by Dr Roy Spencer <a href="https://tallbloke.wordpress.com/2019/01/17/nikolov-zeller-reply-to-dr-roy-spencers-blog-article/">https://tallbloke.wordpress.com/2019/01/17/nikolov-zeller-reply-to-dr-roy-spencers-blog-article/</a></p>	s 9(2)(a)		19-D-02214 Departmental	Fri 25 Oct

IN CONFIDENCE

Request	Correspondent	Organisation	Reference	Date due to send
<p>Dear Ministry for the Environment,</p> <p>Please provide any records (including but not limited to internal/external: documents, emails, notes, minutes, text messages, or social media messages) mentioning climate activist Greta Thunberg or either of her parents, (Malena Ernman, Svante Thunberg). I do not need copies of public news articles held.</p> <p>For context - so that you can correctly identify the individual - some links relevant to her work are listed below:</p> <p>This is the Wikipedia page outlining her activities:</p> <p><a href="https://en.wikipedia.org/wiki/Greta_Thunberg">https://en.wikipedia.org/wiki/Greta_Thunberg</a></p>	s 9(2)(a)		19-D-02218 Departmental	Tue 29 Oct
<p>Dear Ministry for the Environment,</p> <p>Please provide any records (including but not limited to internal/external: documents, emails, notes, minutes, text messages, or social media messages) mentioning scientist Patrick Frank.</p> <p>For context - so that you can correctly identify the individual - some links relevant to his work are mentioned in the links below.</p> <p>1) This is the peer reviewed paper (published on 6 September 2019) which finds that the statistical techniques used for forecasting global surface air temperature have not used an appropriate error propagation technique - and are therefore unreliable forecasts for the IPCC or governments to be using for policy decisions.</p> <p><a href="https://www.frontiersin.org/articles/10.3389/feart.2019.00223/full">https://www.frontiersin.org/articles/10.3389/feart.2019.00223/full</a></p> <p>or</p> <p><a href="https://t.co/tdnQhjzDCS?amp=1">https://t.co/tdnQhjzDCS?amp=1</a></p> <p>2) This is Patrick Frank's blog about his paper when it was published - which was rather scathing and impolite.</p> <p><a href="https://wattsupwiththat.com/2019/09/07/propagation-of-error-and-the-reliability-of-global-air-temperature-projections-mark-ii/">https://wattsupwiththat.com/2019/09/07/propagation-of-error-and-the-reliability-of-global-air-temperature-projections-mark-ii/</a></p>	s 9(2)(a)		19-D-02217 Departmental	Tue 29 Oct

Request	Correspondent	Organisation	Reference	Date due to send
<p>or</p> <p><a href="https://t.co/\xX54HJh7f?amp=1">https://t.co/\xX54HJh7f?amp=1</a></p>				
<p>Dear Ministry for the Environment,</p> <p>Please provide any records (including but not limited to internal/external: documents, emails, notes, minutes, text messages, or social media messages) mentioning scientists Dr Ronan Connolly and/or Michael Connolly and/or Christopher Monckton.</p> <p>For context - so that you can correctly identify the individuals - some links relevant to their work are mentioned in the links below.</p> <p>1) This is the presentation of their findings that Earth's atmosphere is in thermo-dynamic equilibrium (directly opposite to a key IPCC assumption), and therefore CO2 cannot have any significant effect on the temperature of Earth's atmosphere.</p> <p><a href="https://youtu.be/XfRBr7PEawY">https://youtu.be/XfRBr7PEawY</a></p> <p>or</p> <p><a href="https://t.co/FoIJ8vWmGL?amp=1">https://t.co/FoIJ8vWmGL?amp=1</a></p> <p>2) This is the Connolly's blog site where they publish their results:</p> <p><a href="https://globalwarmingsolved.com/">https://globalwarmingsolved.com/</a></p> <p>3) This is where their empirical discovery is talked about by Christopher Monckton as a potential Nobel Prize winning paper (once published).</p> <p><a href="https://www.youtube.com/watch?time_continue=1103&amp;v=k6iOOuZCE_Y">https://www.youtube.com/watch?time_continue=1103&amp;v=k6iOOuZCE_Y</a></p> <p>or</p> <p><a href="https://t.co/gPBhw9GoID?amp=1">https://t.co/gPBhw9GoID?amp=1</a></p>	<p>s 9(2)(a)</p>		<p>19-D-02216 Departmental</p>	<p>Tue 29 Oct</p>

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### 6.3. Ministry of Foreign Affairs and Trade OIAs

Request	Correspondent	Organisation	Reference	Date due to send
<p>On or around 22 September 2019, New Zealand signed onto the attached declaration by the Marshall Islands (announced here by President Heine).</p> <p>Could I please request a copy of all documents held by MFAT in relation to New Zealand's decision to sign this declaration or how New Zealand intends to meet the commitments made in this Declaration?</p> <p>I am particularly interested in documents in relation to the commitments :</p> <ol style="list-style-type: none"> <li>1. "communicate by the first quarter of 2020 in line with the best available science, new and updated NDCs for 2030 that represent the highest possible ambition" and</li> <li>2. "by 2020, long-term low greenhouse gas emission development strategies aimed at achieving net zero global emissions by 2050".</li> </ol> <p>This is a request under the Official Information Act. I am making parallel requests to the Minister for Climate Change's office, the Prime Minister's office, and the Minister for Foreign Affairs' office for documents held by each of them.</p>	s 9(2)(a)	WWF	N/A	24 October due to office

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## Weekly update - Minister for Climate Change

Finalised on 10 October for the week commencing 14 October

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**Date:** 14 October  
**Time:** 1.45 - 2.45 pm  
**Location:** Office of the Minister for Climate Change

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**Attendees:** Hon James Shaw, Minister for Climate Change  
Vicky Robertson, Secretary for the Environment  
Cheryl Barnes, Deputy Secretary, Water and Climate Change  
Roger Lincoln, Director, Climate Change  
Janine Smith, Director, Climate Change  
Lindy Fursman, Chief Advisor, Climate Change  
For item 2: Matthew Cowie, Manager, Climate Change  
For item 3: Craig Salmon, Manager, Climate Change

	Agenda	Lead	Time
1	Context	Cheryl Barnes	5 min
2	Further feedback on NZ ETS consultation documents	Matthew Cowie	10 min
3	Climate Change CEs' meeting	Craig Salmon	10 min

## Upcoming meetings 14-25 October

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<b>Monday 14 October</b>	Spencer Dale, BP Group's Chief Economist MfE Officials Meeting
<b>Tuesday 15 October</b>	Kevin Hague, CEO Kaiwhakahaere Matua (Forest and Bird) Monthly adaptation meeting with officials Hon Mahuta - Community Resilience subgroup MFAT Officials Meeting Forest Growers Conference Dinner
<b>Wednesday 16 October</b>	MfE/MFAT Officials - Recommunication of the NDC
<b>Thursday 17 October</b>	TCFD Workshop (Opening Speech) Local Government New Zealand Quarterly Meeting EU Ambassadors Luncheon 'Exchange on climate action within the multilateral framework' TCFD Workshop (Opening Speech)
<b>Friday 18 October</b>	Simpson Grierson meeting on 'climate leasing'
<b>Monday 21 October</b>	MfE Officials Meeting MFAT Officials Meeting
<b>Tuesday 22 October</b>	Mike Chapman, Horticulture New Zealand Andrew Stewart, Trans Tasman Resources Ltd Jessica Desmond, Greenpeace Forest Growers Conference Dinner
<b>Wednesday 23 October</b>	Forestry Ministers Meeting
<b>Thursday 24 October</b>	SPEECH: Ballance Farm Environment Awards

## 1. Key decisions for you to make this week

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- Lodgement of Cabinet paper on releasing the climate-related financial disclosure discussion document (DEV committee 17 October).
- Lodgement of Community Resilience Cabinet paper

## 2. Material for you to be aware of this week

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### Domestic

#### 2.1. Release of a GNS report on managing risk in existing uses

We've received an embargoed copy of the GNS Science final report '*Reducing risk through the management of existing uses: tensions under the RMA*', which is due to be released around 16 October.

The report's key findings address how current provisions under the Resource Management Act 1991 (RMA) affect local authorities' understanding of their roles and options, as well as their abilities and imperatives to act to manage existing uses to reduce risk.

The report concludes that it is possible to use the RMA to implement a policy to reduce existing risk. However, there is considerable uncertainty around the ability for local authorities to completely extinguish existing uses and achieve risk reduction.

The report has a number of recommendations across three key areas relevant to the Community Resilience work programme:

- improving practice and implementation, including capacity building for those working under the RMA, coordination between local government entities, developing national direction under the RMA, and national tools and frameworks that support the RMA, eg, addressing and clarifying issues relating to compensation, infrastructure, and how risk is assessed
- legislative change of the RMA, including the development of a 'national planning document' such as a National Policy Statement (NPS), or National Environmental Standard (NES).
- further research, including implications for dynamic adaptive planning pathways (DAPP), and management of existing uses established through resource consents

The key recommendation for action under the current system is for local authorities to proactively use rules to manage existing uses.

We participated in the research for this report which was funded through the Deep South Science Challenge. We'll work with your office to provide material including talking points to support you should you receive questions about this report when it's publicly released.

### International

#### 2.2. Update on Germany's Domestic Climate Programme

The German government has presented a climate package that sets out its strategy to reach its 2030 reduction targets. The policy measures will be put into law in 2019 and will cost a total

€54 billion by 2023. At the heart of the strategy is a new national emission trading mechanism covering building and transport sectors. Critics have said it lacks incentive and will remain ineffective as long as CO2 prices remain low. The new trading scheme will launch in 2021 with a fixed price of €10 per tonne of CO2 and will rise to €35 per tonne by 2025. Researchers consider a price of €50 per tonne is needed to make significant changes.

### **2.3. Ministerial consultation on New Zealand acceding to the International Maritime Organisation convention on air pollution**

Minister Genter will soon undertake ministerial consultation on New Zealand acceding to Annex VI (air pollution) of the International Convention for the Prevention of Pollution from Ships (MARPOL). This annex aims to reduce the harmful effects of shipping on human health and the environment. It is also the convention under which parties to the International Maritime Organisation are negotiating measures to reduce greenhouse gas emissions from shipping. MFAT has been consulted on the Cabinet paper and supports New Zealand acceding to the treaty. It will improve air quality and support multilateral efforts to reduce emissions from shipping.

### **2.4. Caribbean states focus on climate change at the UN General Assembly**

All 14 CARICOM member states reaffirmed that climate change is a priority in their national statements at the UN General Assembly. The Bahamas recent Category Five Hurricane Dorian has brought climate change to the fore. A number of CARICOM member states announced their aim to be carbon neutral either by 2030 or 2040, and plans to accelerate renewable energy efforts. Including Trinidad and Tobago, a significant development given its fossil-fuel based economy. Official's analysis is that that on the whole, the regions views remain closely aligned with New Zealand's interests.

### **2.5. New project on New Zealand's tourism and climate consciousness concerns**

Minister Davis has announced that Tourism New Zealand (TNZ) in partnership with MBIE and industry partners will lead a project to understand the impact climate concerns could have on New Zealand's tourism industry. The project will look at the impact climate concerns could have on potential visitors choosing New Zealand as a destination (e.g. the European trend of 'flight guilt'). The scope of the project is still to be finalised.

### **2.6. New Zealand and international emissions prices**

Prices in the NZ ETS eased slightly this week, with commentators suggesting delays over the announcement of the treatment of agricultural emissions and the future of the FPO are discouraging the trade of NZUs above \$25.

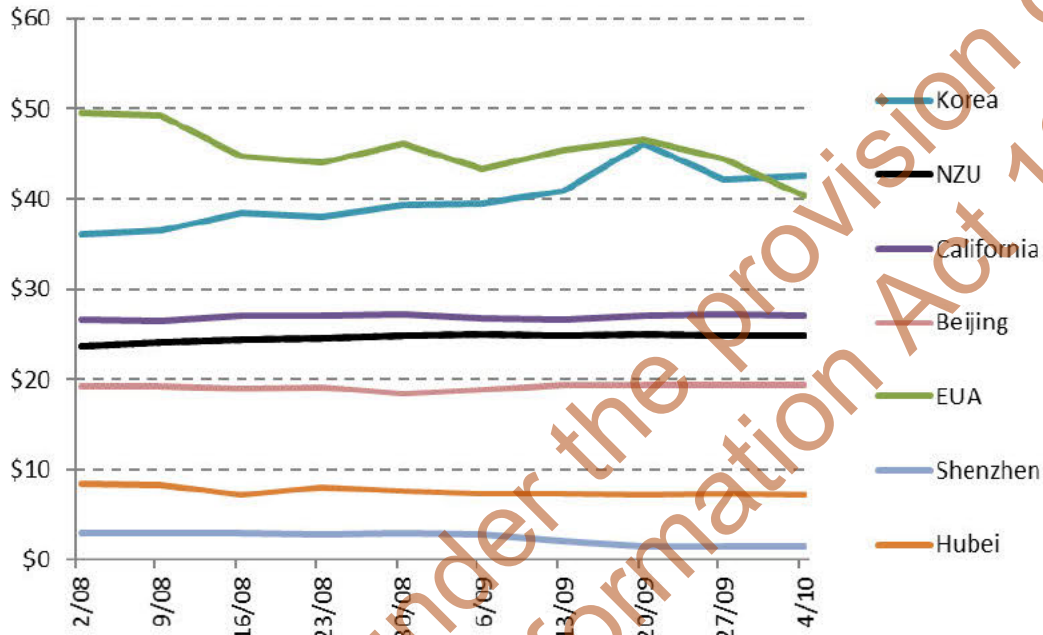
Pessimism over Brexit and the U.S.–China trade dispute has continued to drive down EUA prices, which have now reached a six month low.

Prices in California declined slightly last week as participants took advantage of a declining spread in its emissions trading market.

**Table: Current emissions prices**

NZU, EUA and California emissions prices (NZD/tCO <sub>2e</sub> ) as at 09 Oct 2019		
NZU	EUA	California
24.75	40.68	27.04

**Chart: Recent trends in international emissions prices**



### 2.7. President Macron to host a One Planet Summit in Tahiti (April 2020)

The One Planet Summit aims to mobilise stakeholders and boost climate action for Pacific Island Countries. The Summit has potential to turn the attention of France and EU on the Pacific, and potentially significant additional financial resources. New Zealand has an opportunity to shape our engagement with the Summit as well as the final outcomes during the preparatory period. The Summit could deliver positive impact for New Zealand’s relationship with Pacific Island Countries and with France.

## 3. Upcoming briefings

### Papers for week ending 18 October

Paper number	Issue or event	Lead	Further information
N/A	COP25 Objectives	MFAT	NZ delegations objectives for the UNFCCC, COP25 negotiations, Chile (December 2019)

2019-B-05995	OME2019 2nd Briefing note to Ministers	MfE	Briefing to Ministers 24 hours prior to the release of the report etc, with a copy of the report (and possibly summary report if published separately) and the comms products (media release and stakeholder brief presentation).
2019-B-06095	Covering briefing for Cabinet paper on industrial allocation	MfE	Sets out objectives and key points of attached Cabinet paper and recommends Ministerial consultation begin.
2019-B-06079	Update on International Carbon Markets	MfE	We are providing Minister Parker with an update on work to secure options of future access to international carbon markets (the meeting between Officials and Minister Parker is taking place on 21 October)
2019-B-06101	Our Marine Environment 2019 and the current work programme	MfE	Overview of government work programme relating to likely issues raised in the Our Marine Environment 2019 domain report.
2019-B-06105	CRFD Cabinet paper for lodgement	MfE	Provides update on changes made recently, and talking points for presentation at DEV on 23 October

#### Papers for week ending 25 October

Paper number	Issue or event	Lead	Further information
2019-B-06089	Aide-memoire - Environmental Responsibility - 2019-B-6089	MfE	Options for implementing concept of environmental responsibility
2019-B-05653	Covering brief for Cabinet paper on waste exemptions	MfE	Provides summary of attached LEG Cabinet paper and seeks the start of ministerial consultation
2019-B-06086	Market governance and the NZ ETS	MfE	An update on the market governance work programme for the NZ ETS

#### 4. Cabinet material being prepared for you

Paper number	Paper name	Committee	What this paper covers	Timeframes
2019-C-05834	Report back to Cabinet on community resilience work programme.	ENV	Report back to Cabinet on community resilience work programme.	Lodge: 17 Oct ENV: 24 Oct Cabinet: 28 Oct
2019-C-06068	Seeking approval to consult on climate-related financial disclosures	DEV - Economic Development –	This paper seeks agreement to release a discussion document relating to the design of a climate-related financial disclosure regime for entities	Lodge: 17 Oct DEV: 23 Oct with Power to Act

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		with Power to Act for Cabinet	that participate in New Zealand financial markets. It includes background, key issues and options.	
2019-C-05932	NZ ETS approval to consult on auctioning and unit supply regulations	DEV	NZ ETS approval to consult on auctioning and unit supply regulations	Lodge: 31 Oct DEV: 24 Oct Cabinet: 11 Nov
2019-C-05380	Seeks agreement to the final scope and terms of reference for a comprehensive review of the resource management system	ENV	Seeks agreement to the final scope and terms of reference for a comprehensive review of the resource management system	Lodge: 7 Nov ENV: 14 Nov Cabinet: 18 Nov
2019-C-06039	Industrial allocation	ENV	This paper notes increasing risks of over-allocation to emissions-intensive, trade-exposed firms. It also seeks approval to start a policy review starting with consult on remodelling the electricity allocation factor.	Lodge: 7 Nov ENV: 14 Nov Cabinet: 18 Nov
2019-C-06010	Regulations to exempt persons from NZ ETS obligations for disposing waste from the Fox Glacier Landfill	LEG	Regulations to exempt persons from NZ ETS obligations for disposing waste from the Fox Glacier Landfill	Lodge: 7 Nov LEG: 12 Nov Cabinet: 18 Nov

Released under the Official Information Act 1982

## 5. OIA requests

### 5.1. Ministerial

Request	Correspondent	Organisation	Reference	Drafting agency	Due at your office/current status	Date due to send
<p>I confirm that we are seeking formal advice which would have been presented to and/or considered by the Minister, contained in briefing papers (together with any supporting documents referenced in those briefing papers). Our request relates to information supplied to and/or considered by the Minister for Climate Change and the Minister for the Environment.</p> <ul style="list-style-type: none"> <li>• Advice to the Minister for Climate Change and the Minister for the Environment on the range of options considered by the Government to address greenhouse gas emissions.</li> <li>• Advice to the Minister for Climate Change and Minister for the Environment on how failure to address the adverse effects of climate change may specifically impact Māori and how measures to address climate change may specifically impact Māori.</li> <li>• Engagement with Māori conducted by the Ministry and/or Minister on the Zero Carbon Bill and New Zealand Emissions Trading Scheme (NZ ETS) review consultation between April 2018 and March 2019, including engagement plans and hui minutes.</li> </ul>	s 9(2)(a)		OIA219	MfE	ASAP	21-May-19
<p>Under Section 12 of the Official Information Act 1982 I request the following cab committee papers (Ref WQ 30242 (2019):</p> <ul style="list-style-type: none"> <li>• UN Climate Negotiations Cabinet Paper Final Draft 23 July</li> <li>• Climate Change Negotiations Mandate: Update</li> <li>• NZ ETS Regulations Update: 2019 Consultation Report Back</li> </ul>	s 9(2)(a)	National Party	OIA272	MFAT	26-Sep-19	14-Oct-19
<p>* A list of all documents, including but not exclusive to briefings, reports, aide memoirs, weekly bullets/reports, and memos reports relating to his climate change portfolio. Please restrict the dates of these documents to 1-August-2019 to 30-September- 2019.</p>	s 9(2)(a)	Stuff, Press Gallery, Parliament	OIA278 / 19-O-02241 James Shaw	MfE	24-Oct-19	29-Oct-19

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Request	Correspondent	Organisation	Reference	Drafting agency	Due at your office/current status	Date due to send
<p>* A copy of all papers you have taken to Cabinet or Cabinet Committee relating to bringing agriculture into the emissions trading scheme.</p> <p>* A copy of all formal advice you have received, including but not limited to aide memoirs, briefing notes, reports, memos, relating to bringing agriculture into the emissions trading scheme, in the last 2 months. Please exclude emails from this request.</p>	s 9(2)(a)	MP for Coromandel	OIA279	MfE	24-Oct-19	29-Oct-19
<p>* A copy of any advice sent to the Minister specifically addressing meeting the 2030 target of 30 per cent less emissions than the 2005 level. This could take the form of an entire briefing or paper or a substantial section of a piece of advice. (To cut down on collation time I want to make clear that a passing paragraph or sentence would not be captured by this.)</p>	s 9(2)(a)	Stuff, Press Gallery, Parliament	OIA280 / 19-O-02251 James Shaw	MfE	24-Oct-19	29-Oct-19
<p>* On or around 22 September 2019, New Zealand signed onto the attached declaration by the Marshall Islands (announced here by President Heine).</p> <p>* A copy of all documents held by your or your office in relation to New Zealand's decision to sign this declaration or how New Zealand intends to meet the commitments made in this Declaration?</p> <p>I am particularly interested in documents in relation to the commitments :</p> <ol style="list-style-type: none"> <li>1. "communicate by the first quarter of 2020 in line with the best available science, new and updated NDCs for 2030 that represent the highest possible ambition" and</li> <li>2. "by 2020, long-term low greenhouse gas emission development strategies aimed at achieving net zero global emissions by 2050"</li> </ol>	s 9(2)(a)	WWF-New Zealand	OIA281	MFAT	24-Oct-19	29-Oct-19
<p>* A list of the briefings and reports the Minister has received from the Ministry for the Environment between September 1, 2019 and September 30, 2019.</p>	s 9(2)(a)	NZME	OIA282 / 19-O-02255 James Shaw	MfE	25-Oct-19	30-Oct-19

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## 5.2. Ministry for the Environment OIAs

Request	Correspondent	Organisation	Reference	Date due to send
<p>Please supply the following information under the Official Information Act (OIA).</p> <p>Specifically, I would like:</p> <ul style="list-style-type: none"> <li>- a table of measures undertaken by MFE to encourage a more sustainable, less polluting workspace</li> <li>- a table of measures that are being considered for the future</li> <li>- with each measure, can I request you provide the date each measure was started</li> </ul>	s 9(2)(a)	RNZ	19-D-02157 Departmental	Tue 22 Oct
<p>Dear Ministry for the Environment,</p> <p>Please provide any records (e.g. documents, emails, notes or minutes) mentioning scientists Ned Nikolov and/or Kari Zeller and/or Dr Roy Spencer as mentioned in the link below.</p> <p>For context - so that you can correctly identify the individuals - some links relevant to their work are mentioned in the links below.</p> <p>1) 2017 Peer Reviewed and Published Paper Describing How Earth's Long Term Average Temperature can be estimated from NASA data on other planets without referencing the composition of Earth's atmosphere. That is, the finding is that CO2 does not have an impact on the long term average temperature of Earth.</p> <p><a href="https://www.omicsonline.org/open-access/New-Insights-on-the-Physical-Nature-of-the-Atmospheric-Greenhouse-Effect-Deduced-from-an-Empirical-Planetary-Temperature-Model.pdf">https://www.omicsonline.org/open-access/New-Insights-on-the-Physical-Nature-of-the-Atmospheric-Greenhouse-Effect-Deduced-from-an-Empirical-Planetary-Temperature-Model.pdf</a></p> <p>2) Blog reply by Ned Nikolov in response to a critique by Dr Roy Spencer <a href="https://tallbloke.wordpress.com/2019/01/17/nikolov-zeller-reply-to-dr-roy-spencers-blog-article/">https://tallbloke.wordpress.com/2019/01/17/nikolov-zeller-reply-to-dr-roy-spencers-blog-article/</a></p>	s 9(2)(a)		19-D-02214 Departmental	Fri 25 Oct
<p>"#OIA 2 @mfe_news @NZTreasury: any research on how #endcoal &amp; other demand-side emissions policies might quicken global warming <a href="https://t.co/ulAkgpwDn6">https://t.co/ulAkgpwDn6</a> <a href="https://t.co/6xLI9sqxsG">https://t.co/6xLI9sqxsG</a>"</p>	s 9(2)(a)		19-D-02221 Departmental	Fri 25 Oct
<p>Dear Ministry for the Environment,</p> <p>Please provide any records (including but not limited to internal/external: documents, emails, notes, minutes, text messages, or social media messages) mentioning climate activist Greta Thunberg or either of her</p>	s 9(2)(a)		19-D-02218 Departmental	Tue 29 Oct

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Request	Correspondent	Organisation	Reference	Date due to send
<p>parents, (Malena Ernman, Svante Thunberg). I do not need copies of public news articles held.</p> <p>For context - so that you can correctly identify the individual - some links relevant to her work are listed below:</p> <p>This is the Wikipedia page outlining her activities:</p> <p><a href="https://en.wikipedia.org/wiki/Greta_Thunberg">https://en.wikipedia.org/wiki/Greta_Thunberg</a></p>				
<p>Dear Ministry for the Environment,</p> <p>Please provide any records (including but not limited to internal/external: documents, emails, notes, minutes, text messages, or social media messages) mentioning scientist Patrick Frank.</p> <p>For context - so that you can correctly identify the individual - some links relevant to his work are mentioned in the links below.</p> <p>1) This is the peer reviewed paper (published on 6 September 2019) which finds that the statistical techniques used for forecasting global surface air temperature have not used an appropriate error propagation technique - and are therefore unreliable forecasts for the IPCC or governments to be using for policy decisions.</p> <p><a href="https://www.frontiersin.org/articles/10.3389/feart.2019.00223/full">https://www.frontiersin.org/articles/10.3389/feart.2019.00223/full</a></p> <p>or</p> <p><a href="https://t.co/tdnQhjzDCS?amp=1">https://t.co/tdnQhjzDCS?amp=1</a></p> <p>2) This is Patrick Frank's blog about his paper when it was published - which was rather scathing and impolite.</p> <p><a href="https://wattsupwiththat.com/2019/09/07/propagation-of-error-and-the-reliability-of-global-air-temperature-projections-mark-ii/">https://wattsupwiththat.com/2019/09/07/propagation-of-error-and-the-reliability-of-global-air-temperature-projections-mark-ii/</a></p> <p>or</p> <p><a href="https://t.co/VxX54HJh7f?amp=1">https://t.co/VxX54HJh7f?amp=1</a></p>	s 9(2)(a)		19-D-02217 Departmental	Tue 29 Oct

Released under the provision of the Official Information Act 1982

Request	Correspondent	Organisation	Reference	Date due to send
<p>Dear Ministry for the Environment,</p> <p>Please provide any records (including but not limited to internal/external: documents, emails, notes, minutes, text messages, or social media messages) mentioning scientists Dr Ronan Connolly and/or Michael Connolly and/or Christopher Monckton.</p> <p>For context - so that you can correctly identify the individuals - some links relevant to their work are mentioned in the links below.</p> <p>1) This is the presentation of their findings that Earth's atmosphere is in thermo-dynamic equilibrium (directly opposite to a key IPCC assumption), and therefore CO2 cannot have any significant effect on the temperature of Earth's atmosphere.</p> <p><a href="https://youtu.be/XfRBr7PEawY">https://youtu.be/XfRBr7PEawY</a></p> <p>or</p> <p><a href="https://t.co/FolJ8vWmGL?amp=1">https://t.co/FolJ8vWmGL?amp=1</a></p> <p>2) This is the Connolly's blog site where they publish their results:</p> <p><a href="https://globalwarmingsolved.com/">https://globalwarmingsolved.com/</a></p> <p>3) This is where their empirical discovery is talked about by Christopher Monckton as a potential Nobel Prize winning paper (once published).</p> <p><a href="https://www.youtube.com/watch?time_continue=1103&amp;v=k6iOOuZCE_Y">https://www.youtube.com/watch?time_continue=1103&amp;v=k6iOOuZCE_Y</a></p> <p>or</p> <p><a href="https://t.co/gPBhw9GoID?amp=1">https://t.co/gPBhw9GoID?amp=1</a></p>	s 9(2)(a)		19-D-02216 Departmental	Tue 29 Oct
<p>Could you please let me know the dollar value of New Zealand's financial commitment in relation to the Paris Agreement?</p> <p>A recent news New Zealand website mentioned (via FIA response) that it would be \$1.4 billion per annum over 10 years (commencing 2020). This was apparently going to be a contribution to other countries signed</p>	s 9(2)(a)		19-D-02233 Departmental	Tue 29 Oct

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Request	Correspondent	Organisation	Reference	Date due to send
<p>up to the agreement.</p> <p>(1) Could you please confirm or clarify this?</p> <p>(2) How does New Zealand plan to fund this commitment?</p>				
<p>Due to my heavy involvement in the current movement for climate action, I do a large amount of research into previous claims and reports in regards to what is being done on both a national and international scale. Yesterday, I stumbled across a Public service program update from the beehive website in regards to carbon neutrality, published in April 2008. It states that by 2012, it will ensure that "the leads six agencies (Ministry of Environment, The department of conservation, The NZ treasury, IRD, and the Ministry of economic development) will be carbon neutral by 2012."</p> <p>This was part of the same report that stated that New Zealand would be carbon neutral by 2020.</p> <p>Given the current reports are stating carbon neutrality is now set for 2050, I am looking into what went wrong with the first target.</p> <p>Because of this, given my rights under the official information act as well as my inability to find what I need on your website, I am requesting for full transparency and information in regards to your carbon status. Are you in fact carbon neutral? what are you doing to offset/manage your carbon production? what plans do you have in place (if any) in regards to achieving carbon neutrality, and what are your yearly carbon outputs?</p>	s 9(2)(a)		19-D-02258 Departmental	Thu 31 Oct

### 5.3. Ministry of Foreign Affairs and Trade OIAs

Request	Correspondent	Organisation	Reference	Date due to send
<p>On or around 22 September 2019, New Zealand signed onto the attached declaration by the Marshall Islands (announced here by President Heine).</p> <p>Could I please request a copy of all documents held by MFAT in relation to New Zealand's decision to sign this declaration or how New Zealand intends to meet the commitments made in this Declaration?</p> <p>I am particularly interested in documents in relation to the commitments :</p>	s 9(2)(a)	WWF	N/A	24 October 2019

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Request	Correspondent	Organisation	Reference	Date due to send
<p>1. "communicate by the first quarter of 2020 in line with the best available science, new and updated NDCs for 2030 that represent the highest possible ambition" and</p> <p>2. "by 2020, long-term low greenhouse gas emission development strategies aimed at achieving net zero global emissions by 2050".</p> <p>This is a request under the Official Information Act. I am making parallel requests to the Minister for Climate Change's office, the Prime Minister's office, and the Minister for Foreign Affairs' office for documents held by each of them.</p>				

Released under the provision of the Official Information Act 1982

## Weekly update - Minister for Climate Change

Finalised on 17 October for the week commencing 21 October

**Date:** 21 October  
**Time:** 1.45 - 2.45 pm  
**Location:** Office of the Minister for Climate Change

**Attendees:** Hon James Shaw, Minister for Climate Change  
Vicky Robertson, Secretary for the Environment  
Cheryl Barnes, Deputy Secretary, Water and Climate Change  
Roger Lincoln, Director, Climate Change  
Janine Smith, Director, Climate Change  
Lindy Fursman, Chief Advisor, Climate Change  
For item 2: Matthew Cowie, Manager, Climate Change  
Mark Storey, Manager, Climate Change  
For item 3: Craig Salmon, Manager, Climate Change  
For item 4: Scott Gulliver, Senior Analyst, Climate Change  
For item 5: Matthew Cowie, Manager, Climate Change  
For item 6: Sue-Ellen Fenelon, Principal, Climate Change

	Agenda	Lead	Time
1	Context	Cheryl	5 min
2	Next steps on CC(ETR) Amendment Bill	Matthew Cowie / Mark Storey	10 min
3	Next steps on Zero Carbon Bill	Craig Salmon	5 min
4	Feedback on draft industrial allocation Cabinet paper	Scott Gulliver	10 min
5	Feedback on NZ ETS supply settings discussion document	Matthew Cowie / Vanessa Chalk	10 min
6	Climate-related financial disclosures – Prep for DEV meeting	Sue-Ellen Fenelon	10 min

## Upcoming meetings 21 October – 01 November

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- |                            |   |
|----------------------------|---|
| <b>Monday 21 Oct</b>       | <ul style="list-style-type: none"><li>• MFAT officials meeting</li><li>• MfE officials meeting</li><li>• Just Transitions Budget 20 Meeting (Priority A)</li></ul>  |
| <b>Tuesday 22 Oct</b>      | <ul style="list-style-type: none"><li>• Mike Chapman, CEO and Michelle Sands, Natural Resources Manager, Horticulture NZ</li><li>• Andrew Stewart, Trans-Tasman Resources Ltd</li><li>• Jessica Desmond, Oceans Campaigner, Greenpeace Aotearoa New Zealand</li></ul>                               |
| <b>Wed 23 Oct</b>          | <ul style="list-style-type: none"><li>• Forestry Ministers Meeting</li></ul>  |
| <b>Tues 29 Oct</b>         | <ul style="list-style-type: none"><li>• Defence Assessment - Advancing Pacific Partnerships - New Zealand launch (Minister Mark hosted)</li><li>• MfE Officials Meeting</li><li>• Pre: Climate Change CE Board Meeting</li><li>• MFAT Officials Meeting</li><li>• Climate Change CE Board</li></ul> |
| <b>Thurs 31 Oct</b>        | <ul style="list-style-type: none"><li>• Sustainable Finance Forum</li></ul>   |
| <b>Sat 2 Nov/Sun 3 Nov</b> | <ul style="list-style-type: none"><li>• One New Zealand - One Summit (Wanaka and Queenstown)</li></ul>  |

### 1. Key decisions for you to make this week

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- **Cabinet decision on releasing discussion document on climate-related financial disclosures (DEV)**

### 2. Material for you to be aware of this week

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#### Domestic

#### 2.1. In-country review of New Zealand's Greenhouse Gas Inventory under the UNFCCC completed

This item is to notify you of the outcome of the in-country technical review of New Zealand's Greenhouse Gas Inventory (the Inventory) that was completed last week. The review was carried out by a team of international experts on behalf of the United Nations Framework Convention on Climate Change (UNFCCC). The Inventory is the key source of evidence on New Zealand's greenhouse gas emissions trends, and is used for both international and domestic reporting.

The review team checked that the Inventory adheres to the international reporting guidelines, and is reported in a transparent, consistent, accurate, complete and comparable way. Overall the review team was impressed with the quality of the Inventory and described it as “very good”. They also provided feedback and recommendations on improvements that can be made to the Inventory. There will be a formal review report released next year.

Two members of the review team attended a site visit to Manaaki Whenua and AgResearch in Palmerston North that includes a respiration chamber which accurately measures emissions from livestock. They were impressed and encouraged us to promote our world-leading emissions research into agriculture emissions.

## 2.2. Market transactions costs for small-scale NZ ETS participants

This item raises to your attention the problem that NZ ETS participants wanting to buy or sell small parcels of emission units are incurring relatively high market transactional costs. This problem is not new, however it has increased in visibility as emission unit prices have increased and from assessing a problem for some participants in accessing the FPO in particular situations.

Brokers typically have minimum trading fees and/or emission units block sizes (e.g. 5000 units minimum). These conditions mean that those who want to buy or sell a small number of units face higher costs per unit than those who trade higher volumes. This can make the cost of trading a small number of units expensive.

Market transaction costs are reducing the effectiveness of industrial allocation, decreasing the ability for small participants (e.g. small-scale foresters and industrial allocation recipients) to financially benefit from their emissions removals, or offset their NZ ETS costs, and increasing the costs of complying with the NZ ETS for small scale participants. While some participants use the FPO to meet surrender obligations instead of buying NZUs on the secondary market, this option will be removed once auctioning is introduced and the compliance cost problem will be exacerbated.

We are gathering more evidence with the EPA and MPI. § 9(2)(f)(iv)

## 2.3. Marine Report

*Our Marine Environment 2019*, the latest in the Ministry’s environment reporting series, was launched on Thursday. The report highlights the main issues affecting our marine environment, and particularly the cumulative effect of these issues. The report received significant media coverage at launch, with particular interest in plastic waste. We will continue to use the report to raise awareness and encourage action with stakeholders and the public.

## International

### 2.4. Update on 40<sup>th</sup> assembly of the International Civil Aviation Organisation (ICAO)

Ministry of Transport officials attended the 40<sup>th</sup> General Assembly of the International Civil Aviation Organisation (ICAO). The agenda included its Carbon Offsetting and Reduction Scheme for International Aviation (CORSIA). Brazil and China tried to include language in the 3-yearly ICAO resolution to tie CORSIA to the Clean Development Mechanism under the Kyoto Protocol, which could have imported many of its shortcomings. § 6(a), § 9(2)(g)(i)

s 6(a), s 9(2)(g)(i)

It is unlikely to make an outcome on Article 6.4 at COP25 any easier though.

## 2.5. Ecuador: Fossil fuel subsidies reinstated after large scale protests

On 2 October, Ecuador's President Moreno ended long standing fuel subsidies as part of an IMF-agreed fiscal reform programme. The prices of diesel and gasoline rose by 25-75 per cent overnight and no alternative policies were announced. The cuts especially affected people using public transport. Indigenous and workers' movements responded with large scale protests across the country. President Moreno declared a state of emergency and, on 8 October, announced that government operations would relocate 240km from the capital, to the city of Guayaquil. After 11 days of the worst civil unrest in over a decade, peace talks between indigenous leaders and other protest groups, president Moreno and a United Nations mediator resulted in fossil fuel subsidies being reinstated. Despite widespread acknowledgement of the need to undertake fossil fuel subsidy reform and the UN Secretary-General's recent advocacy for the issue, implementing fossil fuel subsidy reform remains highly politically sensitive s 6(a)

## 2.6. New Zealand and international emissions prices

NZUs continued to hold just below \$25 as the market awaits introduction of the Emissions Trading Reform amendment bill.

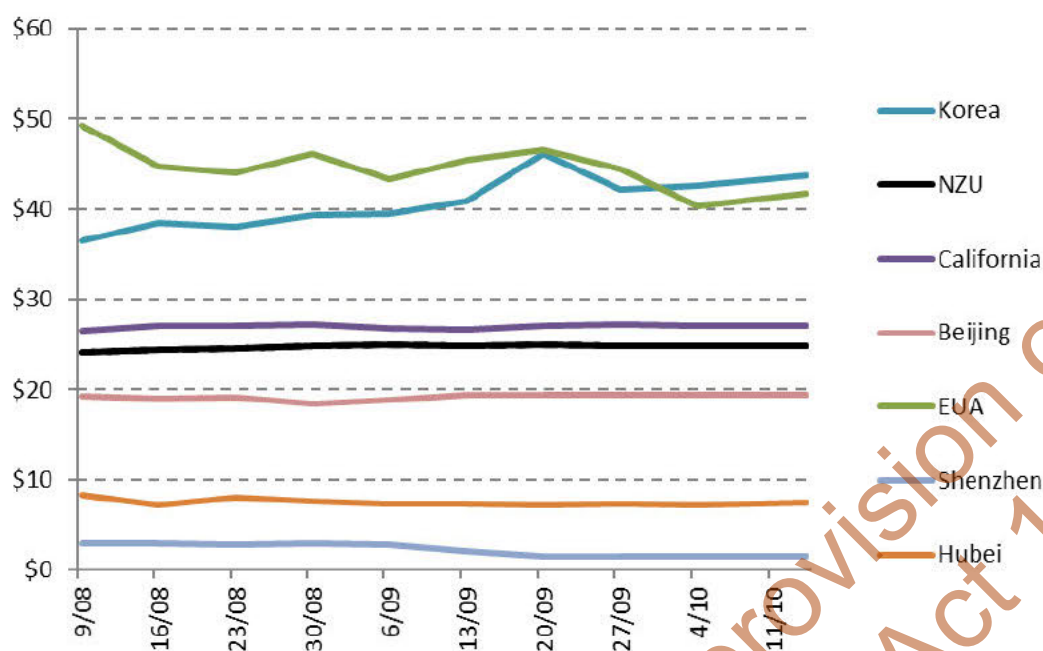
Prices in the EU ETS jumped this week on reports that Brexit negotiators were closer to an agreement. Commentators consider the risk of a no deal Brexit, and the attendant market shock, the cause of recent declines in EUA prices.

South Korea's KAU19 also increased in price this week as demand in the market continued to exceed supply.

Table: Current emissions prices

NZU, EUA and California emissions prices (NZD/t CO <sub>2e</sub> ) as at 16 Oct 2019		
NZU	EUA	California
24.80	45.21	27.24

Chart: Recent trends in international emissions prices



### 3. Upcoming briefings

#### Papers for week ending 25 October

Paper number	Issue or event	Lead	Further information
2019-B-05653	Covering brief for waste exemptions LEG paper	MfE	Provides summary of attached LEG Cabinet paper and seeks the start of ministerial consultation
2019-B-05988	Covering briefing for Cabinet paper on industrial allocation	MfE	Sets out objectives and key points of attached Cabinet paper and recommends Ministerial consultation begin.

#### Papers for week ending 01 November

Paper number	Issue or event	Lead	Further information
TBC	Nationally Determined Contribution	MfE	Timeframes and process for communication or updating of NDC
	Agriculture?		
2019-B-06134	Establishing the Commission - Budget Drawdown	MfE	Draft Budget drawdown paper for you to consider providing to the Minister of Finance and Minister for the Environment. The drawdown is against the contingency set aside in Budget 2019.

#### 4. Cabinet material being prepared for you

Paper number	Paper name	Committee	What this paper covers	Timeframes
2019-C-05932	NZ ETS approval to consult on auctioning and unit supply regulations	DEV - Economic Development	NZ ETS approval to consult on auctioning and unit supply regulations	Lodge: 31-Oct-19 DEV: 6-Nov-19 Cabinet: 11-Nov-19
Joint paper with Minister of Local Government and Civil Defence; no MfE tracking number	Update on progress in the cross-government Community Resilience Work Programme: development of joint work programme with local government	DEV – Economic Development	Reports back on the scope, direction and progress of the joint Community Resilience work programme, and Budget 2020 implications.	Lodge: 31-Oct-19 DEV: 6-Nov-19 Cabinet: 11-Nov-19
2019-C-06010	New Zealand Emissions Trading Scheme: Exemptions for Disposing Certain Waste	LEG - Legislation	Regulations to exempt persons from NZ ETS obligations for disposing waste from the Fox Glacier Landfill	Lodge: 7-Nov-19 LEG: 12-Nov-19 Cabinet: 18-Nov-19
2019-C-06039	Over-allocation in the Emissions Trading Scheme and updating the electricity allocation factor	ENV - Environment, Energy and Climate	This paper asks Cabinet to consider the risk of over-allocation in the NZ ETS and to begin consulting on updating the EAF.	Lodge: 7-Nov-19 ENV: 14-Nov-19 Cabinet: 18-Nov-19
2019-C-06046	Establishing the Climate Change Commission - appointment of remaining Commissioners	APH - Appointments and Honours	This paper seeks agreement by Cabinet for the appointment of the six remaining Board members of the Climate Change Commission.	Lodge: 28-Nov-19 APH: 4-Dec-19 Cabinet: 9-Dec-19
2019-C-06047	Establishing the Climate Change Commission - Appointment of the Nominating Committee	APH - Appointments and Honours	This paper seeks agreement by Cabinet to appoint members to the statutory Nominating Committee which will be established by the enactment of the Zero Carbon Bill, in order to make subsequent appointments to the Climate Change Commission.	Postponeto 2020

## 5. OIA requests

### 5.1. Ministerial

Request	Correspondent	Organisation	Reference	Drafting agency	Due at your office/current status	Date due to send
<p>Hi there,</p> <p>I'm looking to get a copy of any advice sent to the Minister specifically addressing meeting the 2030 target of 30 per cent less emissions than the 2005 level. This could take the form of an entire briefing or paper or a substantial section of a piece of advice. (To cut down on collation time I want to make clear that a passing paragraph or sentence would not be captured by this.)</p> <p>This is a request under the Official Information Act 1982.</p>	s 9(2)(a)	Stuff	19-O-02251 James Shaw	MfE	Tue 22 Oct	Wed 30 Oct
<p>I'm looking to request a list of all documents, including but not exclusive to briefings, reports, aide memoirs, weekly bullets/reports, and memos reports relating to his climate change portfolio. Please restrict the dates of these documents to 1-August-2019 to 30-September- 2019.</p> <p>No content of the documents is required, just the name of the document, when it was received, and its reference number.</p>	s 9(2)(a)	Stuff	19-O-02241 James Shaw	MfE	Tue 22 Oct	Wed 30 Oct
<p>Could I please request the following documents under the Official Information Act: 23 September 2019: Update on key upcoming milestones on sustainable finance.</p>	s 9(2)(a)		19-O-02391 James Shaw	MfE	Tue 05 Nov	Tue 12 Nov
<p>I confirm that we are seeking formal advice which would have been presented to and/or considered by the Minister, contained in briefing papers (together with any supporting documents referenced in those briefing papers). Our request relates to information supplied to and/or considered by the Minister for Climate Change and the Minister for the Environment.</p>	s 9(2)(a)		OIA219	MfE	ASAP	21-May-19

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Request	Correspondent	Organisation	Reference	Drafting agency	Due at your office/current status	Date due to send
<ul style="list-style-type: none"> <li>• Advice to the Minister for Climate Change and the Minister for the Environment on the range of options considered by the Government to address greenhouse gas emissions.</li> <li>• Advice to the Minister for Climate Change and Minister for the Environment on how failure to address the adverse effects of climate change may specifically impact Māori and how measures to address climate change may specifically impact Māori.</li> <li>• Engagement with Māori conducted by the Ministry and/or Minister on the Zero Carbon Bill and New Zealand Emissions Trading Scheme (NZ ETS) review consultation between April 2018 and March 2019, including engagement plans and hui minutes.</li> </ul>						
<p>*** On or around 22 September 2019, New Zealand signed onto the attached declaration by the Marshall Islands (announced here by President Heine).</p> <p>* A copy of all documents held by your or your office in relation to New Zealand's decision to sign this declaration or how New Zealand intends to meet the commitments made in this Declaration?</p> <p>I am particularly interested in documents in relation to the commitments :</p> <ol style="list-style-type: none"> <li>1. ""communicate by the first quarter of 2020 in line with the best available science, new and updated NDCs for 2030 that represent the highest possible ambition"" and</li> <li>2. ""by 2020, long-term low greenhouse gas emission development strategies aimed at achieving net zero global emissions by 2050"".</li> </ol> <p>"</p>	s 9(2)(a)		N/A	MFAT	Tue 22 Oct	Wed 30 Oct
<p>* A list of the briefings and reports the Minister has received from the Ministry for the Environment between September 1, 2019 and September 30, 2019.</p>	s 9(2)(a)		19-O-02260	MfE	Tue 22 Oct	Wed 30 Oct

IN CONFIDENCE

## 5.2. Ministry for the Environment OIAs

Request	Correspondent	Organisation	Reference	Date due to send
<p>Please supply the following information under the Official Information Act (OIA).</p> <p>Specifically, I would like:</p> <ul style="list-style-type: none"> <li>- a table of measures undertaken by MFE to encourage a more sustainable, less polluting workspace</li> <li>- a table of measures that are being considered for the future</li> <li>- with each measure, can I request you provide the date each measure was started</li> </ul>	s 9(2)(a)	RNZ	19-D-02157 Departmental	Tue 22 Oct
<p>#OIA 2 &amp;#8294;&amp;#8234;@mfe_news&amp;#8236;&amp;#8297; &amp;#8294;&amp;#8234;@nztreasury&amp;#8236;&amp;#8297; &amp;#8294;&amp;#8234;@MFATgovtNZ&amp;#8236;&amp;#8297;: information on if nations who invest early in clean technologies are expected to make the deeper emission cuts in climate treaties utopiayouarestandinginit.com/2019/09/27/oia... pic.twitter.com/lnYRVbxqqA</p>	s 9(2)(a)		19-D-02350 Departmental	Fri 25 Oct
<p>Dear Ministry for the Environment,</p> <p>Please provide any records (e.g. documents, emails, notes or minutes) mentioning scientists Ned Nikolov and/or Kari Zeller and/or Dr Roy Spencer as mentioned in the link below.</p> <p>For context - so that you can correctly identify the individuals - some links relevant to their work are mentioned in the links below.</p> <p>1) 2017 Peer Reviewed and Published Paper Describing How Earth's Long Term Average Temperature can be estimated from NASA data on other planets without referencing the composition of Earth's atmosphere. That is, the finding is that CO2 does not have an impact on the long term average temperature of Earth.</p> <p><a href="https://www.omicsonline.org/open-access/New-Insights-on-the-Physical-Nature-of-the-Atmospheric-Greenhouse-Effect-Deduced-from-an-Empirical-Planetary-Temperature-Model.pdf">https://www.omicsonline.org/open-access/New-Insights-on-the-Physical-Nature-of-the-Atmospheric-Greenhouse-Effect-Deduced-from-an-Empirical-Planetary-Temperature-Model.pdf</a></p> <p>2) Blog reply by Ned Nikolov in response to a critique by Dr Roy Spencer <a href="https://tallbloke.wordpress.com/2019/01/17/nikolov-zeller-reply-to-dr-roy-spencers-blog-article/">https://tallbloke.wordpress.com/2019/01/17/nikolov-zeller-reply-to-dr-roy-spencers-blog-article/</a></p>	s 9(2)(a)		19-D-02214 Departmental	Fri 25 Oct
<p>"#OIA 2 @mfe_news @NZTreasury: any research on how #endcoal &amp; other demand-side emissions policies might quicken global warming <a href="https://t.co/ulAkqpWdN6">https://t.co/ulAkqpWdN6</a> <a href="https://t.co/6xLI9sqxsG">https://t.co/6xLI9sqxsG</a>"</p>	s 9(2)(a)		19-D-02221 Departmental	Fri 25 Oct

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Request	Correspondent	Organisation	Reference	Date due to send
<p>Dear Ministry for the Environment,</p> <p>Please provide any records (including but not limited to internal/external: documents, emails, notes, minutes, text messages, or social media messages) mentioning climate activist Greta Thunberg or either of her parents, (Malena Ernman, Svante Thunberg). I do not need copies of public news articles held.</p> <p>For context - so that you can correctly identify the individual - some links relevant to her work are listed below:</p> <p>This is the Wikipedia page outlining her activities:</p> <p><a href="https://en.wikipedia.org/wiki/Greta_Thunberg">https://en.wikipedia.org/wiki/Greta_Thunberg</a></p>	s 9(2)(a)		19-D-02218 Departmental	Tue 29 Oct
<p>Dear Ministry for the Environment,</p> <p>Please provide any records (including but not limited to internal/external: documents, emails, notes, minutes, text messages, or social media messages) mentioning scientist Patrick Frank.</p> <p>For context - so that you can correctly identify the individual - some links relevant to his work are mentioned in the links below.</p> <p>1) This is the peer reviewed paper (published on 6 September 2019) which finds that the statistical techniques used for forecasting global surface air temperature have not used an appropriate error propagation technique - and are therefore unreliable forecasts for the IPCC or governments to be using for policy decisions.</p> <p><a href="https://www.frontiersin.org/articles/10.3389/feart.2019.00223/full">https://www.frontiersin.org/articles/10.3389/feart.2019.00223/full</a></p> <p>or</p> <p><a href="https://t.co/tdnQhjzDCS?amp=1">https://t.co/tdnQhjzDCS?amp=1</a></p> <p>2) This is Patrick Frank's blog about his paper when it was published - which was rather scathing and impolite.</p> <p><a href="https://wattsupwiththat.com/2019/09/07/propagation-of-error-and-the-reliability-of-global-air-temperature-projections-mark-ii/">https://wattsupwiththat.com/2019/09/07/propagation-of-error-and-the-reliability-of-global-air-temperature-projections-mark-ii/</a></p>	s 9(2)(a)		19-D-02217 Departmental	Tue 29 Oct

Request	Correspondent	Organisation	Reference	Date due to send
<p>or</p> <p><a href="https://t.co/\xX54HJh7f?amp=1">https://t.co/\xX54HJh7f?amp=1</a></p>				
<p>Dear Ministry for the Environment,</p> <p>Please provide any records (including but not limited to internal/external: documents, emails, notes, minutes, text messages, or social media messages) mentioning scientists Dr Ronan Connolly and/or Michael Connolly and/or Christopher Monckton.</p> <p>For context - so that you can correctly identify the individuals - some links relevant to their work are mentioned in the links below.</p> <p>1) This is the presentation of their findings that Earth's atmosphere is in thermo-dynamic equilibrium (directly opposite to a key IPCC assumption), and therefore CO2 cannot have any significant effect on the temperature of Earth's atmosphere.</p> <p><a href="https://youtu.be/XfRBr7PEawY">https://youtu.be/XfRBr7PEawY</a></p> <p>or</p> <p><a href="https://t.co/FoIJ8vWmGL?amp=1">https://t.co/FoIJ8vWmGL?amp=1</a></p> <p>2) This is the Connolly's blog site where they publish their results:</p> <p><a href="https://globalwarmingsolved.com/">https://globalwarmingsolved.com/</a></p> <p>3) This is where their empirical discovery is talked about by Christopher Monckton as a potential Nobel Prize winning paper (once published).</p> <p><a href="https://www.youtube.com/watch?time_continue=1103&amp;v=k6iOOuZCE_Y">https://www.youtube.com/watch?time_continue=1103&amp;v=k6iOOuZCE_Y</a></p> <p>or</p> <p><a href="https://t.co/gPBhw9GoID?amp=1">https://t.co/gPBhw9GoID?amp=1</a></p>	<p>s 9(2)(a)</p>		<p>19-D-02216 Departmental</p>	<p>Tue 29 Oct</p>

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Request	Correspondent	Organisation	Reference	Date due to send
<p>Could you please let me know the dollar value of New Zealand's financial commitment in relation to the Paris Agreement?</p> <p>A recent news New Zealand website mentioned (via FIA response) that it would be \$1.4 billion per annum over 10 years (commencing 2020). This was apparently going to be a contribution to other countries signed up to the agreement.</p> <p>(1) Could you please confirm or clarify this?</p> <p>(2) How does New Zealand plan to fund this commitment?</p>	s 9(2)(a)		19-D-02233 Departmental	Tue 29 Oct
<p>Due to my heavy involvement in the current movement for climate action, I do a large amount of research into previous claims and reports in regards to what is being done on both a national and international scale. Yesterday, I stumbled across a Public service program update from the beehive website in regards to carbon neutrality, published in April 2008. It states that by 2012, it will ensure that "the leads six agencies (Ministry of Environment, The department of conservation, The NZ treasury, IRD, and the Ministry of economic development) will be carbon neutral by 2012."</p> <p>This was part of the same report that stated that New Zealand would be carbon neutral by 2020.</p> <p>Given the current reports are stating carbon neutrality is now set for 2050, I am looking into what went wrong with the first target.</p> <p>Because of this, given my rights under the official information act as well as my inability to find what I need on your website, I am requesting for full transparency and information in regards to your carbon status. Are you in fact carbon neutral? what are you doing to offset/manage your carbon production? what plans do you have in place (if any) in regards to achieving carbon neutrality, and what are your yearly carbon outputs?</p>	s 9(2)(a)		19-D-02258 Departmental	Thu 31 Oct
<p>Under the OIA, could I please have an unredacted version of the A3 attached to the response?</p> <p>i.e. the one that has the following on the first page:</p> <p>Domestic Gross Emissions Targets DRAFT - content under review by workshop attendees</p> <p>Context: MfE have received Ministerial direction to consider the following policy (below) and to reflect it in the Cabinet paper for the Zero Carbon Bill. A workshop was held on 12 November to discuss agency positions. The square brackets are not yet confirmed. 1. Emissions Neutrality Target - Net Zero by 2050 (New Zealand's</p>	s 9(2)(a)		19-D-02341 Departmental	Mon 11 Nov

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Request	Correspondent	Organisation	Reference	Date due to send
<p>gross emissions and removals (both forestry and international units) must balance to zero). 2. Two separate gross emissions reductions targets (Domestic Targets) [X] per cent gross emissions reduction for [short-lived GHGs]/[biogenic methane] [Y] per cent gross emissions reduction for [long-lived GHGs]/[all other GHGs] set in the Bill now</p>				
<p>Dear Ministry for the Environment,</p> <p>I am currently attempting to reproduce some of the calculations that you made in the 2017 Greenhouse Gas Inventory (published in April 2019). Some questions have arisen around the calculation of item 1.A.1.a, "Public electricity and heat generation".</p> <p>Section 3.3.6 of the national inventory report indicates that the source of the activity data for this item of the Inventory is MBIE, and that "all thermal electricity generators provide figures to MBIE for the amount of coal, natural gas, and oil used for electricity generation."</p> <p>The relevant fossil fuel energy consumption figures for the 2017 Inventory are set out in the "CRF tables" spreadsheet, on sheet "Table1.A(a)s1" under heading 1.A.1.a:</p> <p>Liquid fuels: 41.12 TJ</p> <p>Solid fuels: 5681.06 TJ</p> <p>Gaseous fuels: 57120.83 TJ</p> <p>The corresponding data from MBIE is contained in a series of spreadsheets available under the "Energy statistics" section of the MBIE website. [1] These spreadsheets detail the consumption of the different fuels (oil, coal, and gas) for various sectors, including "Electricity Generation". The relevant figures for the 2017 year from these spreadsheets are:</p> <p>Oil consumption for electricity generation: 0.06340 PJ (63.40 TJ) Coal consumption for electricity generation: 5.681059 PJ (5681.059 TJ) Natural gas for electricity generation: 45.693978 PJ (45693.97 TJ) Natural gas for co-generation: 13.881745 PJ (13881.745 TJ)</p> <p>As you can clearly see, the MBIE figures for coal consumption correspond precisely with the amounts as stated in the Inventory. However, the MBIE figures for oil and natural gas consumption do *not* correspond to the amounts as stated in the Inventory.</p>	<p>s 9(2)(a)</p>		<p>19-D-02355 Departmental</p>	<p>Mon 11 Nov</p>

Request	Correspondent	Organisation	Reference	Date due to send
For the gaseous fuels category, the issue of co-generation appears to complicate matters, as some co-generation is included in category 1.A.1.a whilst other co-generation is included within other categories. No explanation is provided that would account for the inconsistency between the Inve				
<ul style="list-style-type: none"> <li>• Where does the money go that is collected for or from the Emissions Trading Scheme? As in, does it stay in New Zealand or go overseas?</li> <li>• If we plant more forestry, how are we paid or rewarded for that and by whom? What happens to the money we are paid?</li> <li>• Should we produce more greenhouse gases and therefore we get penalised for this, where does the money that we pay for that end up?</li> </ul>	s 9(2)(a)		19-D-02362 Departmental	

### 5.3. Ministry of Foreign Affairs and Trade OIAs

Request	Correspondent	Organisation	Reference	Date due to send
<p>On or around 22 September 2019, New Zealand signed onto the attached declaration by the Marshall Islands (announced here by President Heine).</p> <p>Could I please request a copy of all documents held by MFAT in relation to New Zealand's decision to sign this declaration or how New Zealand intends to meet the commitments made in this Declaration?</p> <p>I am particularly interested in documents in relation to the commitments :</p> <ol style="list-style-type: none"> <li>1. "communicate by the first quarter of 2020 in line with the best available science, new and updated NDCs for 2030 that represent the highest possible ambition" and</li> <li>2. "by 2020, long-term low greenhouse gas emission development strategies aimed at achieving net zero global emissions by 2050".</li> </ol> <p>This is a request under the Official Information Act. I am making parallel requests to the Minister for Climate Change's office, the Prime Minister's office, and the Minister for Foreign Affairs' office for documents held by each of them.</p>	s 9(2)(a)	WWF	N/A	24 October 2019

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## Weekly update - Minister for Climate Change

**Finalised on 24 October for the week commencing 28 October**

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**Date:** 29 October  
**Time:** 11:00 - 11.45 am  
**Location:** Office of the Minister for Climate Change

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**Attendees:** Hon James Shaw, Minister for Climate Change  
Vicky Robertson, Secretary for the Environment  
Cheryl Barnes, Deputy Secretary, Water and Climate Change  
Roger Lincoln, Director, Climate Change  
Janine Smith, Director, Climate Change  
Lindy Fursman, Chief Advisor, Climate Change  
For item 2 and 3: Mark Storey, Manager, Climate Change and Agriculture  
Will Tait, Senior Analyst, Climate Change and Agriculture  
For item 4: Matthew Cowie, Manager, Climate Change

	Agenda	Lead	Time
1	Context	Cheryl Barnes	10 min
2	Agricultural emissions work programme – next steps	Mark Storey	10 min
3	Voluntary opt-in for agriculture – discuss briefing	Mark Storey	5 min
4	NZ ETS unit supply settings and auctioning – discuss next steps	Matthew Cowie	10 min
5	Preparations for Climate Change CEOs meeting	Janine Smith	5 min

## Upcoming meetings 28 October – 08 November

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- |                            |   |
|----------------------------|---|
| <b>Tues 29 Oct</b>         | <ul style="list-style-type: none"><li>• Defence Assessment - Advancing Pacific Partnerships - New Zealand launch (Minister Mark hosted)</li><li>• MfE officials meeting</li><li>• Pre: Climate Change CE Board meeting</li><li>• MFAT officials meeting</li><li>• Climate Change CE Board</li></ul> |
| <b>Thurs 31 Oct</b>        | <ul style="list-style-type: none"><li>• Sustainable Finance Forum - launch of interim report</li></ul>  |
| <b>Sat 2 Oct/Sun 3 Oct</b> | <ul style="list-style-type: none"><li>• One New Zealand - One Summit (Wanaka and Queenstown)</li></ul>  |
| <b>Mon, 4 Nov</b>          | <ul style="list-style-type: none"><li>• MFAT officials meeting</li><li>• MfE officials meeting</li><li>• Mike Hart, CEO Sierra Energy</li><li>• Dinner - Small Group of Sustainability Managers, Meridian Energy Limited</li></ul>  |
| <b>Wed, 6 Nov</b>          | <ul style="list-style-type: none"><li>• Enviro-Mark Solutions brand launch event</li></ul>  |
| <b>Thurs, 7 Nov</b>        | <ul style="list-style-type: none"><li>• Kurt Janssen, Orbica Ltd</li></ul>  |

### 1. Key decisions for you to make this week

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- Confirm timing for first reading of ETR Bill

### 2. Material for you to be aware of this week

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#### Domestic

##### 2.1. Update to Minister Parker on international carbon markets

On Monday 21 October officials from MfE and MFAT gave Minister Parker a brief update on international carbon markets [2019-B-06079 refers]. This was a short discussion that took place as part of MfE's weekly officials meeting.

Minister Parker noted that Cabinet had not made a decision about the use of international carbon markets, and that should be reflected in officials' communications overseas. s 9(2)(j)

He suggested that alongside exploring options from emissions trading schemes, officials should consider wider supply sources such as from avoided deforestation projects.

## 2.2. Rio Tinto announces strategic review of New Zealand Aluminium Smelters Ltd

Rio Tinto, the majority owner of New Zealand Aluminium Smelters Ltd (79.36%), has announced a strategic review of the smelter, pointing to recent losses from volatile aluminium prices, energy and transmission costs, and an upcoming refurbishment bill as reasons. Rio Tinto intends to approach the government and Meridian Energy Ltd as part of the review and provide a public update by the end of March 2020, although it appears some discussions have already occurred.

In 2013, Rio Tinto threatened closure should it be unable to gain more favourable energy prices from Meridian or a subsidy from the government. It subsequently renegotiated its electricity contract with Meridian, providing it with a lower cost and with pricing certainty out to 2030. The Government of the day provided a one-off payment of \$30m in August 2013 to prevent closure before 2017. This took place when the public sale of shares in Meridian was impending.

The smelter faces NZ ETS costs from the process emissions from converting alumina to aluminium, and from the use of a large proportion of New Zealand's electricity supply where Meridian passes through an 'opportunity cost' that includes a carbon price. NZAS is eligible to receive 90% of its emissions as a free allocation, s 9(2)(b)(ii)

Rio Tinto and NZAS have not indicated NZ ETS settings have influenced the decision for the review.

Other generators have an interest in the negotiations between NZAS and Meridian, as closure will impact profitability, close thermal plant, and defer or cancel new wind and geothermal investments. Closure would also require significant investment (estimated at \$500m over 3 to 8 years) by Transpower in transmission capacity, and force NZAS to start remediation works. In the meantime, while uncertainty persists, some new renewable generation investments plans are likely to be paused.

## International

### 2.3. Violent protests in Chile result in state of emergency

Following a modest increase in fares for the Santiago metro, violent protests broke out across Chile on Friday s 6(a)

Santiago is scheduled to host APEC Leaders Week (10-17 November) and COP25 (early December) and pressure is mounting on the Government to restore security as quickly as possible. s 6(a)

In response, President Piñera declared a state of emergency on Friday night (18 October) and curfews have been implemented in cities throughout Chile, including in Santiago for the fourth straight night. At this stage it is too early to make an assessment of what these events could mean for Chile's hosting of COP25. We continue to monitor the situation closely.

### 2.4. Trump administration takes legal action over California's emissions trading scheme link to Quebec

The US Department of Justice has announced legal action against the State of California, arguing that California's ETS is unlawful because it is run in collaboration with a foreign entity (Quebec) through the Western Climate Initiative. Californian officials have not commented in detail, although Governor Gavin Newsom has condemned the action. Quebec Premier François Legault has reaffirmed support for the Western Climate Initiative, noting Quebec's preference for

California to remain in the agreement, but noting that Quebec would likely continue with the scheme should California leave. While this suit is one of many similar challenges the Trump Administration has sought to bring against California's climate policies, this appears to be the first one targeting California's international linkages, alleging that the State has impinged on a federal competency. This legal action is expected to take some time to resolve through the courts. s

6(a)  
)

## 2.5. Development assistance for fossil fuel activities: OECD consideration

During a recent OECD Development Assistance Committee (DAC) meeting, a recommendation was put forward to revise the ODA eligibility criteria to exclude support for new fossil fuel-related activities. s 6(b)

Key findings in an upcoming report on climate action and development show development finance is used to support fossil fuel-related activities, and in 2016 and 2017 more than 80% of bilateral and 60% of multilateral development finance was given without consideration of its impact on the climate. A conservative estimate places average commitments of official development finance for upstream and downstream fossil fuels at \$3.9 billion annually.

Officials will continue to monitor the DAC's consideration of climate change matters.

## 2.6. Climate Citizens' Convention convenes in France

The French government has selected a sample group 150 French citizens as the Climate Citizens' Convention to provide ideas on climate policies to reduce carbon emissions. The Convention was formed in response to the *gilet jaunes* protests last year to ensure citizens were informing policy decisions after the failed introduction of a carbon tax. The Convention first met in early October and will report back to the government in January 2020 on how to cut carbon emissions in the construction, housing, transport and food production and consumption sectors.

## 2.7. Montreal Protocol 31<sup>st</sup> Meeting of the Parties

The 31<sup>st</sup> Meeting of the Parties to the Montreal Protocol will be held in Rome, Italy, from 4 to 8 November. The New Zealand delegation will be led by a representative from the Ministry for the Environment and a representative from the Environmental Protection Authority. The New Zealand Ambassador to Italy may also attend the high-level segment of the meeting. The meeting will cover a wide range of issues related to the implementation of the Protocol, and will continue discussions on the unexpected emissions of CFC-11, a powerful ozone-depleting substance and greenhouse gas. It will also include a roundtable discussion on the contribution of the Protocol to a sustainable cold chain to reduce food loss, as the meeting is being held at the headquarters of the United Nations' Food and Agriculture Organization.

The Ministry of Foreign Affairs and Trade (MFAT) has made a submission to the Minister of Foreign Affairs seeking approval for the New Zealand delegation. The submission also seeks approval for New Zealand to support the proposed non-binding outcome for the meeting, the Rome Declaration, which calls for strengthening international cooperation to facilitate the development of the cold chain to reduce food loss and waste.

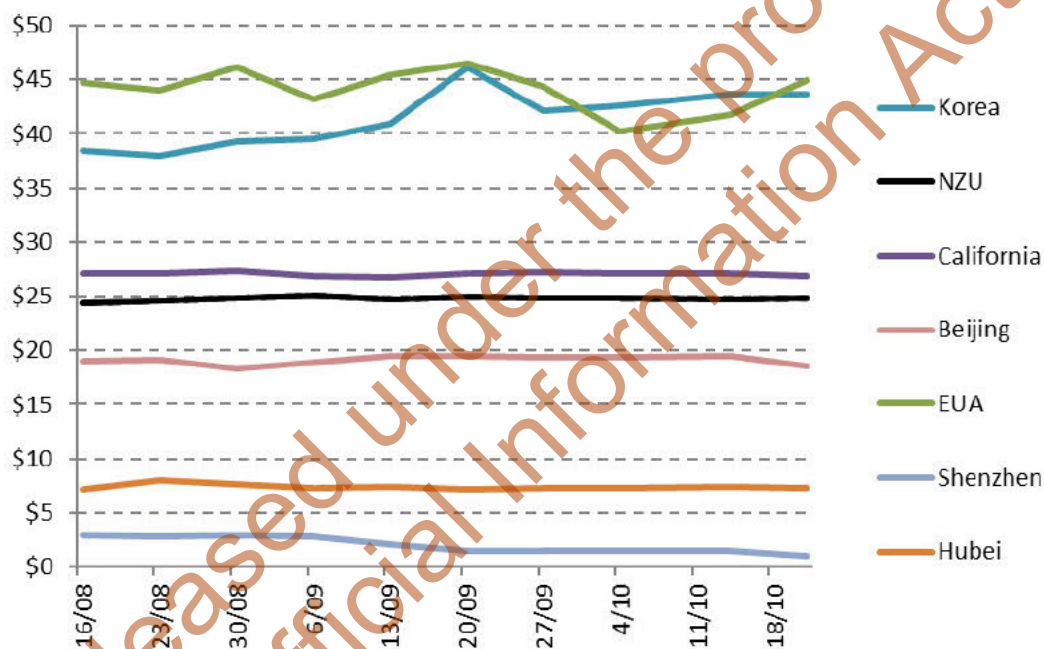
## 2.8. New Zealand and international emissions prices

NZUs continue to remain range bound as the market awaits introduction of the Emissions Trading Reform amendment bill and announcements regarding agriculture in the NZ ETS. Prices in the EU ETS continued to edge higher, despite ongoing uncertainty about the Brexit agreement. Other international emissions prices remain relatively steady this week.

**Table: Current emissions prices**

NZU, EUA and California emissions prices (NZD/t CO <sub>2</sub> e) as at 23 Oct 2019		
NZU	EUA	California
24.87	45.02	26.84

**Chart: Recent trends in international emissions prices**



## 3. Upcoming key events/announcements involving MfE/MFAT

- Launch of the Climate Related Financial Disclosures discussion document

## 4. Upcoming briefings

### Papers for week ending 01 November

Paper number	Issue or event	Lead	Further information
2019-B-06134	Establishing the Commission - Budget Drawdown	MfE	Paper seeking approval of budget drawdown for the Climate Change Commission
2019-B-06153	Briefing ahead of CRFD discussion document launch	MfE	Final information to support the launch of climate-related financial disclosures discussion document on 31 October; including final version of the document.
2019-B-06137	Climate change mitigation in the RMA	MfE	Technical working paper to go to Minister Parker and the RM expert panel on climate change mitigation under the RMA. Part of the comprehensive review of the resource management system.
N/A	New Zealand's submission to SBSTA on matters related to the transparency framework under the Paris Agreement	MFAT	To provide, for your information a voluntary submission to the UNFCCC on matters related to the transparency framework under the Paris Agreement.
N/A	Recommendations on Māori and youth representatives for New Zealand COP25 delegation	MFAT	To provide, for your decision, recommendations on Māori and youth representatives for the official delegation to COP25

### Papers for week ending 08 November

Paper number	Issue or event	Lead	Further information
TBC	Establishing the Climate Change Commission - appointment of remaining Commissioners	MfE	Supporting information, including Cabinet paper and talking points, for the lodgement of APH Cabinet paper
2019-B-06140	CIPA talking points for ENV	MfE	Talking points for CIPA Cabinet paper discussion at ENV.
2019-B-06139	CIPA Cabinet paper to lodge for ENV	MfE	CIPA Cabinet paper to lodge for ENV
2019-B-06169	Process for NDC decisions	MfE	Process for NDC decisions
TBC	Fox Glacier exemption talking points for LEG	MfE	Talking points for the Fox Glacier Landfill NZ ETS exemption Cabinet paper at LEG
TBC	Industrial allocation talking points for ENV	MfE	Talking points for the industrial allocation Cabinet paper at ENV

## 5. Cabinet material being prepared for you

Paper number	Paper name	Committee	What this paper covers	Timeframes
2019-C-05932	NZ ETS approval to consult on auctioning regulations	DEV - Economic Development	NZ ETS approval to consult on auctioning regulations	Lodge: 31-Oct DEV: 6-Nov Cabinet: 11-Nov
2019-C-06010	New Zealand Emissions Trading Scheme: Exemptions for Disposing Certain Waste	LEG – Legislation	Regulations to exempt persons from NZ ETS obligations for disposing waste from the Fox Glacier Landfill	Lodge: 07-Nov LEG: 12-Nov Cabinet: 18-Nov
2019-C-06148	CCR(ETR)AB - Inclusion of agricultural emissions provisions	LEG – Legislation	Seeks Cabinet approval to further draft text on agricultural emissions for inclusion in the Climate Change Response (Emissions Trading Reform) Amendment Bill.	Lodge: 7-Nov LEG: 12-Nov Cabinet: 18-Nov
2019-C-06039	Over-allocation in the Emissions Trading Scheme and updating the electricity allocation factor	ENV - Environment, Energy and Climate	This paper asks Cabinet to consider the risk of over-allocation in the NZ ETS and to begin consulting on updating the EAF.	Lodge: 07-Nov ENV: 14-Nov Cabinet: 18-Nov
2019-C-06165	NZ ETS approval to consult on unit supply regulations	ENV - Environment, Energy and Climate	This paper seeks approval to consult on NZ ETS unit supply regulations	Lodge: 7-Nov ENV: 14-Nov Cabinet: 18-Nov
2019-C-06073	CIPA report back to ENV	ENV - Environment, Energy and Climate	Cabinet paper, CIPA guidance and draft Cabinet Office circular for ENV approval.	Lodge: 7-Nov ENV: 14-Nov Cabinet: TBC
2019-C-06046	Establishing the Commission – appointment of 6 Commissioners	APH - Appointments and Honours	This paper seeks agreement by Cabinet for the appointment of the six remaining Board members of the Climate Change Commission.	Lodge: 28-Nov APH: 4-Dec with power to act for Cabinet
2019-C-06047	Establishing the Climate Change Commission - Appointment of the Nominating Committee	APH - Appointments and Honours	This paper seeks agreement by Cabinet to appoint members to the statutory Nominating Committee which will be established by the enactment of the Zero Carbon Bill, in order to make subsequent appointments to the Climate Change Commission.	Lodge: 2020

## 6. OIA requests

### 6.1. Ministerial

Request	Correspondent	Organisation	Reference	Drafting agency	Due at your office/current status	Date due to send
I'm looking to get a copy of any advice sent to the Minister specifically addressing meeting the 2030 target of 30 per cent less emissions than the 2005 level. This could take the form of an entire briefing or paper or a substantial section of a piece of advice. (To cut down on collation time I want to make clear that a passing paragraph or sentence would not be captured by this.)	s 9(2)(a)	Stuff	19-O-02251 James Shaw	MfE	Wed 13 Nov	Wed 20 Nov
I'm looking to request a list of all documents, including but not exclusive to briefings, reports, aide memoirs, weekly bullets/reports, and memos reports relating to his climate change portfolio. Please restrict the dates of these documents to 1-August-2019 to 30-September- 2019.  No content of the documents is required, just the name of the document, when it was received, and its reference number.	s 9(2)(a)	Stuff	19-O-02241 James Shaw	MfE	With office	Wed 30 Oct
Could I please request the following documents under the Official Information Act: 23 September 2019: Update on key upcoming milestones on sustainable finance.	s 9(2)		19-O-02391 James Shaw	MfE	Tue 05 Nov	Tue 12 Nov
I confirm that we are seeking formal advice which would have been presented to and/or considered by the Minister, contained in briefing papers (together with any supporting documents referenced in those briefing papers). Our request relates to information supplied to and/or considered by the Minister for Climate Change and the Minister for the Environment.	s 9(2)		OIA219	MfE	ASAP	21-May-19

IN CONFIDENCE

Request	Correspondent	Organisation	Reference	Drafting agency	Due at your office/current status	Date due to send
<ul style="list-style-type: none"> <li>• Advice to the Minister for Climate Change and the Minister for the Environment on the range of options considered by the Government to address greenhouse gas emissions.</li> <li>• Advice to the Minister for Climate Change and Minister for the Environment on how failure to address the adverse effects of climate change may specifically impact Māori and how measures to address climate change may specifically impact Māori.</li> <li>• Engagement with Māori conducted by the Ministry and/or Minister on the Zero Carbon Bill and New Zealand Emissions Trading Scheme (NZ ETS) review consultation between April 2018 and March 2019, including engagement plans and hui minutes.</li> </ul>						
<p>On or around 22 September 2019, New Zealand signed onto the attached declaration by the Marshall Islands (announced here by President Heine).</p> <p>* A copy of all documents held by your or your office in relation to New Zealand's decision to sign this declaration or how New Zealand intends to meet the commitments made in this Declaration?</p> <p>I am particularly interested in documents in relation to the commitments :</p> <ol style="list-style-type: none"> <li>1. ""communicate by the first quarter of 2020 in line with the best available science, new and updated NDCs for 2030 that represent the highest possible ambition"" and</li> <li>2. ""by 2020, long-term low greenhouse gas emission development strategies aimed at achieving net zero global emissions by 2050"".</li> </ol>	s 9(2)(a)		N/A	MFAT	Tue 22 Oct	Wed 30 Oct
<p>* A list of the briefings and reports the Minister has received from the Ministry for the Environment between September 1, 2019 and September 30, 2019.</p>	s 9(2)(a)		19-O-02260	MfE	with office	Wed 30 Oct

IN CONFIDENCE

Request	Correspondent	Organisation	Reference	Drafting agency	Due at your office/current status	Date due to send
<p>Official Information Request: Zero Carbon Bill Policy</p> <p>Any Cabinet minutes or advice provided to Cabinet relating to the Zero Carbon Bill regarding the legal form and powers of the Climate Change Commission, including statutory independence in the manner of the Reserve Bank.</p>	s 9(2)(a)		19-O-02424 James Shaw	MfE	Wed 13 Nov	Wed 20 Nov

Released under the provision of the Official Information Act 1982

## 6.2. Ministry for the Environment OIAs

Request	Correspondent	Organisation	Reference	Date due to send
<p>Please provide any records (e.g. documents, emails, notes or minutes) mentioning scientists Ned Nikolov and/or Kari Zeller and/or Dr Roy Spencer as mentioned in the link below.</p> <p>For context - so that you can correctly identify the individuals - some links relevant to their work are mentioned in the links below.</p> <p>1) 2017 Peer Reviewed and Published Paper Describing How Earth's Long Term Average Temperature can be estimated from NASA data on other planets without referencing the composition of Earth's atmosphere. That is, the finding is that CO2 does not have an impact on the long term average temperature of Earth.</p> <p><a href="https://www.omicsonline.org/open-access/New-Insights-on-the-Physical-Nature-of-the-Atmospheric-Greenhouse-Effect-Deduced-from-an-Empirical-Planetary-Temperature-Model.pdf">https://www.omicsonline.org/open-access/New-Insights-on-the-Physical-Nature-of-the-Atmospheric-Greenhouse-Effect-Deduced-from-an-Empirical-Planetary-Temperature-Model.pdf</a></p> <p>2) Blog reply by Ned Nikolov in response to a critique by Dr Roy Spencer  <a href="https://tallbloke.wordpress.com/2019/01/17/nikolov-zeller-reply-to-dr-roy-spencers-blog-article/">https://tallbloke.wordpress.com/2019/01/17/nikolov-zeller-reply-to-dr-roy-spencers-blog-article/</a></p>	s 9(2)(a)		19-D-02214 Departmental	Fri 25 Oct
<p>Please provide any records (including but not limited to internal/external: documents, emails, notes, minutes, text messages, or social media messages) mentioning climate activist Greta Thunberg or either of her parents, (Malena Ernman, Svante Thunberg). I do not need copies of public news articles held.</p> <p>For context - so that you can correctly identify the individual - some links relevant to her work are listed below:</p> <p>This is the Wikipedia page outlining her activities:</p> <p><a href="https://en.wikipedia.org/wiki/Greta_Thunberg">https://en.wikipedia.org/wiki/Greta_Thunberg</a></p>	s 9(2)(a)		19-D-02218 Departmental	Tue 29 Oct
<p>Please provide any records (including but not limited to internal/external: documents, emails, notes, minutes, text messages, or social media messages) mentioning scientist Patrick Frank.</p> <p>For context - so that you can correctly identify the individual - some links relevant to his work are mentioned in the links below.</p> <p>1) This is the peer reviewed paper (published on 6 September 2019) which finds that the statistical techniques used for forecasting global surface air temperature have not used an appropriate error propagation technique - and are therefore unreliable forecasts for the IPCC or governments to be using for</p>	s 9(2)(a)		19-D-02217 Departmental	Tue 29 Oct

IN CONFIDENCE

Request	Correspondent	Organisation	Reference	Date due to send
<p>policy decisions.</p> <p><a href="https://www.frontiersin.org/articles/10.3389/feart.2019.00223/full">https://www.frontiersin.org/articles/10.3389/feart.2019.00223/full</a></p> <p>or</p> <p><a href="https://t.co/tdnQhJzDCS?amp=1">https://t.co/tdnQhJzDCS?amp=1</a></p> <p>2) This is Patrick Frank's blog about his paper when it was published - which was rather scathing and impolite.</p> <p><a href="https://wattsupwiththat.com/2019/09/07/propagation-of-error-and-the-reliability-of-global-air-temperature-projections-mark-ii/">https://wattsupwiththat.com/2019/09/07/propagation-of-error-and-the-reliability-of-global-air-temperature-projections-mark-ii/</a></p> <p>or</p> <p><a href="https://t.co/VxX54HJh7f?amp=1">https://t.co/VxX54HJh7f?amp=1</a></p>				
<p>Please provide any records (including but not limited to internal/external: documents, emails, notes, minutes, text messages, or social media messages) mentioning scientists Dr Ronan Connolly and/or Michael Connolly and/or Christopher Monckton.</p> <p>For context - so that you can correctly identify the individuals - some links relevant to their work are mentioned in the links below.</p> <p>1) This is the presentation of their findings that Earth's atmosphere is in thermo-dynamic equilibrium (directly opposite to a key IPCC assumption), and therefore CO2 cannot have any significant effect on the temperature of Earth's atmosphere.</p> <p><a href="https://youtu.be/XfRBr7PEawY">https://youtu.be/XfRBr7PEawY</a></p> <p>or</p> <p><a href="https://t.co/FoJ8vWmGL?amp=1">https://t.co/FoJ8vWmGL?amp=1</a></p> <p>2) This is the Connolly's blog site where they publish their results:</p>	s 9(2)(a)		19-D-02216 Departmental	Tue 29 Oct

Request	Correspondent	Organisation	Reference	Date due to send
<p><a href="https://globalwarmingsolved.com/">https://globalwarmingsolved.com/</a></p> <p>3) This is where their empirical discovery is talked about by Christopher Monckton as a potential Nobel Prize winning paper (once published).</p> <p><a href="https://www.youtube.com/watch?time_continue=1103&amp;v=k6iOOuZCE_Y">https://www.youtube.com/watch?time_continue=1103&amp;v=k6iOOuZCE_Y</a></p> <p>or</p> <p><a href="https://t.co/gPBhw9GoID?amp=1">https://t.co/gPBhw9GoID?amp=1</a></p>				
<p>Due to my heavy involvement in the current movement for climate action, I do a large amount of research into previous claims and reports in regards to what is being done on both a national and international scale. Yesterday, I stumbled across a Public service program update from the beehive website in regards to carbon neutrality, published in April 2008. It states that by 2012, it will ensure that "the leads six agencies (Ministry of Environment, The department of conservation, The NZ treasury, IRD, and the Ministry of economic development) will be carbon neutral by 2012."</p> <p>This was part of the same report that stated that New Zealand would be carbon neutral by 2020.</p> <p>Given the current reports are stating carbon neutrality is now set for 2050, I am looking into what went wrong with the first target.</p> <p>Because of this, given my rights under the official information act as well as my inability to find what I need on your website, I am requesting for full transparency and information in regards to your carbon status. Are you in fact carbon neutral? what are you doing to offset/manage your carbon production? what plans do you have in place (if any) in regards to achieving carbon neutrality, and what are your yearly carbon outputs?</p>	s 9(2)(a)		19-D-02258 Departmental	Thu 31 Oct
<p>Under the OIA, could I please have an unredacted version of the A3 attached to the response?</p> <p>i.e. the one that has the following on the first page:</p> <p>Domestic Gross Emissions Targets DRAFT - content under review by workshop attendees</p> <p>Context: MfE have received Ministerial direction to consider the following policy (below) and to reflect it in the Cabinet paper for the Zero Carbon Bill. A workshop was held on 12 November to discuss agency positions. The square brackets are not yet confirmed. 1. Emissions Neutrality Target - Net Zero by 2050 (New Zealand's</p>	s 9(2)(a)		19-D-02341 Departmental	Mon 11 Nov

IN CONFIDENCE

Request	Correspondent	Organisation	Reference	Date due to send
gross emissions and removals (both forestry and international units) must balance to zero). 2. Two separate gross emissions reductions targets (Domestic Targets) [X] per cent gross emissions reduction for [short-lived GHGs]/[biogenic methane] [Y] per cent gross emissions reduction for [long-lived GHGs]/[all other GHGs] set in the Bill now				
<ul style="list-style-type: none"> <li>• Where does the money go that is collected for or from the Emissions Trading Scheme? As in, does it stay in New Zealand or go overseas?</li> <li>• If we plant more forestry, how are we paid or rewarded for that and by whom? What happens to the money we are paid?</li> <li>• Should we produce more greenhouse gases and therefore we get penalised for this, where does the money that we pay for that end up?</li> </ul>	s 9(2)(a)		19-D-02362 Departmental	Tue 12 Nov

### 6.3. Ministry of Foreign Affairs and Trade OIAs

Request	Correspondent	Organisation	Reference	Date due to send
<p>A copy of cabinet papers, draft cabinet papers, aide memoirs, reports, memo or any other formal advice sent to Ministers office that relates to the upcoming UNFCCC meeting in Chile (COP 25) 2 Dec – 13 Dec.</p> <p>A copy of any formal report back sent to the Minister from the previous COP in Poland, and the Bonn meeting 17 Jun, 2019 - 27 Jun, 2019.</p> <p>Where information is withheld, I request you provide the reason for refusal and the grounds in support of that reason as required by section 19(a)(i) and (ii) of the Official Information Act.</p> <p>I ask that you acknowledge receipt of this request and request that your acknowledgement and final response be emailed to <a href="mailto:scott.simpson@parliament.govt.nz">scott.simpson@parliament.govt.nz</a>.</p> <p>Where the documents are declined under Section 18 (d) on the grounds that it is already publicly available, please provide the URL or other reference to where the documents can be located.</p>	s 9(2)(a)	National Party	N/A	TBC