



Weekly update - Minister for Climate Change

Finalised on 31 October for the week commencing 04 November 2019

Date: 04 November 2019
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: Lewis Stevens, Principal Advisor, Climate Change
For item 3: Mark Storey, Manager, Climate Change
For item 4: Matt Cowie, Manager, Climate Change

	Agenda	Lead	Time
1	Context	Cheryl Barnes	5 min
2	Zero Carbon Bill - Your feedback on Cabinet decisions and second reading speeches	Lewis Stevens	10 min
3	Agriculture - Next steps on governance of sector agreement	Mark Storey	10 min
4	Emissions Trading Reform Bill - Your feedback on draft papers and discussion documents, ministerial consultation and first reading speech	Matt Cowie	10 min

Upcoming meetings 04 November – 15 November

- Mon, 4 Nov**
 - MFAT officials meeting
 - MfE officials meeting
 - Mike Hart, CEO Sierra Energy
 - Dinner - Small Group of Sustainability Managers, Meridian Energy Limited
- Wed, 6 Nov**
 - Enviro-Mark Solutions brand launch event
- Thurs, 7 Nov**
 - Kurt Janssen, Orbica Ltd
 - Community Resilience Ministers meeting
- Mon, 11 Nov**
 - MFAT officials meeting
 - MfE officials meeting
 - Agricultural deep-dive brief (Hon O'Connor, MFAT and MPI)
- Thurs, 14 Nov**
 - MfE officials: monthly climate change adaptation meeting
- Fri, 15 Nov**
 - Meeting with Matt Walsh, Managing Director, Jill Garing, General Manager, Commercial and Regulatory, Simpson Grierson

1. Key decisions for you to make this week

- Decisions on NZ ETS settings for Ministerial consultation
- Lodgement of four Cabinet papers

2. Material for you to be aware of this week

Domestic

2.1. 2020 Legislation Bids

Bids for the 2020 Legislative Programme are due on 29 November 2019. We will be briefing you prior to this on our proposals, including ranking and priority. We will consult with the Parliamentary Counsel Office when preparing the bids.

At this stage we propose the Climate Change Response (Emissions Trading Reform) Amendment Bill is ranked 'Category 2', meaning it must be passed in the year.

2.2. PCE releasing the review of the Environmental Reporting System – 7 November

The PCE has undertaken a review of the Environmental Reporting system. On 6 November 2019 he will hold embargoed briefings with the Ministry and other stakeholders. On 7 November 2019 at 2pm, he will release the findings at a press event at his office. We will be issuing a press release on 7 November 2019 (joint with Stats NZ), in support of the review.

The review is likely to comment on the roles and responsibilities under the Environmental Reporting Act 2015, its purpose and its framework, the cycle for reporting, and the data and science that supports Environmental Reporting. There will very likely be overlaps between the findings of this review and the review of the Resource Management system, particularly around environmental monitoring.

The Ministry and many other stakeholders were consulted during the review process.

2.3. New Zealand and international emissions prices

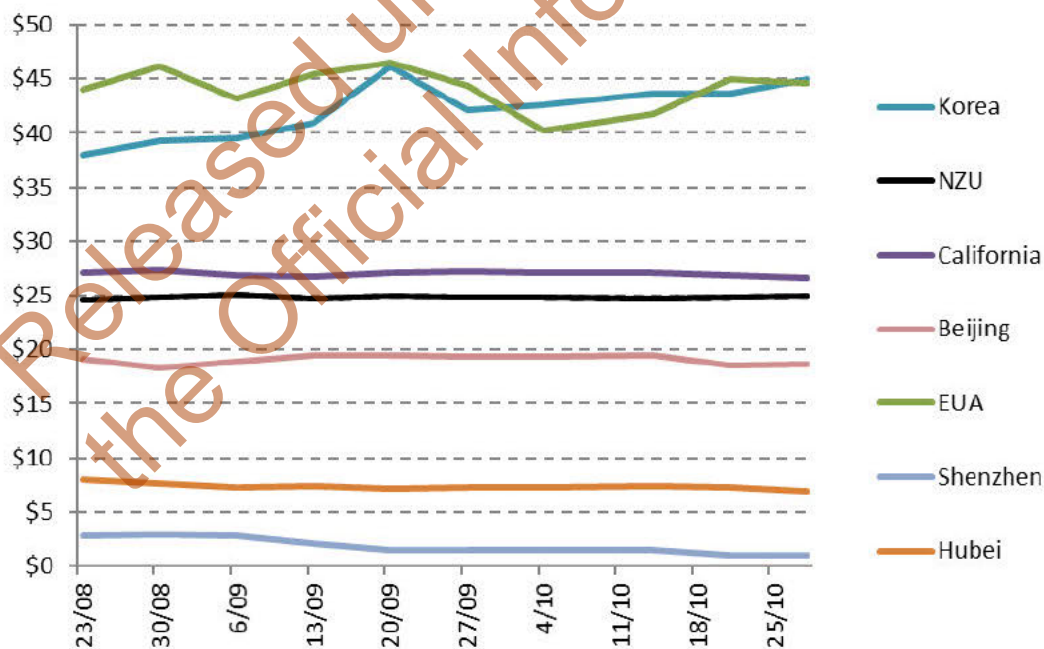
NZU prices have risen to \$25 this week, the value of the Fixed Price Option, for the first time since 2018 emissions surrenders were due at the end of May 2019. This is similar to September 2018, when NZU prices reached \$25 for the first time. Commentators see this as an indication that buyer interest is once again increasing, as we move towards 2020 quarter one, and participants seek to purchase NZUs to meet their 2019 emissions obligations. It is possible that the rise in price may also be related to the introduction to Parliament of the Emissions Trading Reform Bill on Thursday last week.

Other international emissions prices remain relatively steady this week.

Table: Current emissions prices

NZU, EUA and California emissions prices (NZD/t CO ₂ e) as at 30 Oct 2019		
NZU	EUA	California
25.00	44.50	26.75

Chart: Recent trends in international emissions prices



International

2.4. Chile cancels hosting of APEC and COP25 (as at midday Thursday 31 October)

Officials were advised Thursday morning that COP25 will not be hosted by Chile in December. Reactions to the news within Chile have (largely) termed the decision as 'the right thing to do' in the circumstances. Chile's President Sebastian Piñera has stated that the domestic agenda and his planned reforms needed to take priority.

The UNFCCC is looking into alternative arrangements for COP25, including date and venue, s 6(a) [redacted] e understand that Bonn, as the site of the UNFCCC secretariat, is the default option.

When more details are known, we will revisit preparation under way for COP25. We have advised all participants and stakeholders of our approach and will provide them with another update at end of next week. At this stage, officials will still host stakeholder outreach in Auckland and Wellington, if there is interest.

2.5. East Asia Summit Leaders' Statement on Partnership for Sustainability

Last week members of the East Asia Summit concluded the East Asia Summit (EAS) Leaders' Statement on Partnership for Sustainability, to be signed during the EAS Leaders' Summit in Bangkok next week. This follows several months of negotiations, s 6(a) [redacted]

2.6. Meeting of Contracting Parties to the London Protocol, London Convention

A Ministry for the Environment official attended the meeting of Contracting Parties to the London Convention and the London Protocol, from 7-11 October 2019.

A key decision was the adoption of the joint resolution from Norway and the Netherlands to provisionally apply the 2009 amendment to article 6 of the London Protocol. There was overwhelming support for the resolution that will allow states to transport CO₂ across boundaries for sequestration in sub-seabed geological formations. New Zealand participated in a drafting group on the proposed resolution, which further emphasised the importance of reducing greenhouse gas emissions and urged states to share information about agreements to transport CO₂ across boundaries.

Contracting Parties were also provided the latest scientific information on marine geoengineering activities (including ocean fertilisation), updates on CO₂ sequestration projects in Europe, and the work of the London Protocol as it relates to marine litter and microplastics. The delegation of Japan also updated the meeting on its treatment of contaminated water at the Fukushima Daiichi Nuclear Power Station.

2.7. Climate-related communication by Michael Smith at the International Criminal Court

Media reports that Climate Change spokesperson for the Iwi Leaders Group, Michael Smith, is bringing legal proceedings against the CEO of oil company OMV at the International Criminal Court, alleging genocide and other climate crimes impacting on indigenous communities. However, individuals may not bring legal proceedings in the ICC themselves. Instead, they may send information on alleged crimes to the Office of the Prosecutor who may then consider whether to launch an investigation with the consent of the Pre-Trial Chamber. It is likely that Mr Smith has made such a communication to the Office of the Prosecutor.

3. Upcoming briefings

Papers for week ending 08 November

Paper number	Issue or event	Lead	Further information
2019-B-06063	Next Steps on Joint Action Plan-He Waka Eke Noa	MfE	To advise you on how to progress next steps on the agricultural emissions Joint Action Plan/He Waka Eke Noa
2019-B-06174	Talking points for LEG - NZ ETS: Exemption for disposing certain waste	MfE	Talking points on an NZ ETS exemption for disposing of waste from the Fox Glacier Landfill for the LEG meeting of Tuesday 12 November 2019.
2019-B-06140	CIPA talking points for ENV	MfE	Talking points for CIPA Cabinet paper discussion at ENV.
2019-B-06103	Establishing the Commission – appointment of remaining Commissioners	MfE	Evaluation of interviewed candidates (including Deputy position) and draft APH paper for consideration.
2019-B-06153	Climate-related financial disclosures - Stakeholder engagement plan for consultations	MfE	Provides you with an outline of the Auckland, Wellington and Christchurch meetings with stakeholders on CRFD, including dates, venues and suggested running order.
TBC	Industrial allocation talking points for ENV	MfE	Talking points for the Cabinet paper allowing consultation on a review of the electricity allocation factor for the ENV meeting of Thursday 14 November 2019

Papers for week ending 15 November

Paper number	Issue or event	Lead	Further information
2019-B-06063	NZ ETS: Approval to issue call for data notice for New Zealand Aluminium Smelters	MfE	Seeks Ministers agreement to issue notice in the New Zealand Gazette calling for electricity data from New Zealand Aluminium Smelters in order to update the allocative baseline for aluminium smelting in the NZ ETS.

Paper number	Issue or event	Lead	Further information
2019-B-06134	Establishing the Commission: Contingency budget drawdown	MfE	Provides advice on the drawing down of the contingency budget and includes a letter, to Ministers of Finance and Environment, seeking their agreement for the joint draw down.

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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 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-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-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: 14-Nov ENV: 20-Nov Cabinet: 25-Nov
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

5. Cabinet material we have been consulted on

Paper name	Agency	Committee	Our advice on the paper
Consultation on the discussion paper – Accelerating Renewable Energy and Energy Efficiency	MBIE	DEV 20 November	<p>The discussion document provides initial advice and seeks public feedback on a wide range of policy options to encourage the use of renewable energy. It covers both supply and demand side measures across both process heat and electricity. MfE has provided input and comment, which has been reflected in the draft.</p> <p>MBIE have been thorough in assessing the barriers and options in each area, and we recommend that you support the paper. If the options to be consulted on here are implemented it would be a strong step towards reducing emissions from stationary energy in New Zealand.</p>

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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>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"> • 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. • 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. • 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. 	s 9(2)(a)		OIA219	MfE	ASAP	21-May-19
<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	MfE	With office	Wed 30 Oct
<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</p>	s 9(2)(a)	Stuff	19-O-02251	MfE	Wed 13 Nov	Wed 20 Nov

IN CONFIDENCE

Request	Correspondent	Organisation	Reference	Drafting agency	Due at your office/current status	Date due to send
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>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> <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>	s 9(2)(a)		N/A	MFAT	Thurs 24 Oct	Wed 6 Novt
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.	s 9(2)(a)		19-O-02260	MfE	With office	Thurs 31 Oct
I'm requesting all advice and correspondence received by the Minister concerning New Zealand Green Investment Finance in this calendar year.	s 9(2)(a)	Stuff	N/A	MFAT	Fri 25 Oct	Thurs 31 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)(a)		19-O-02391	MfE	Tue 05 Nov	Tue 12 Nov
<p>Understanding I am not asking for any personal information, just generalised statistics...</p> <p>1. Could the Greens Co-Leader please advise, how many of her ministers do not own at least one home?</p>	s 9(2)(a)		N/A	MFAT	Thurs 14 Nov	Mon 18 Nov

IN CONFIDENCE

Request	Correspondent	Organisation	Reference	Drafting agency	Due at your office/current status	Date due to send
<p>2. Could the Greens Co-Leader please advise how many homes her ministers own as a collective figure, taking in private residences owned personally in their own names, jointly with other persons, or owned in the names of their partners?</p> <p>3. Could the Greens Co-Leader please advise how many homes and other residence types her ministers collectively own, either personally in their own names, jointly with other persons, or owned in the names of their partners, that are not their private residences, but they rent out for private and or commercial purposes? And what is the total value of those rents and or leases, as a collective figure?</p>						

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6.2. Ministry for the Environment OIAs

Request	Correspondent	Organisation	Reference	Date due to send
<p>Under the OIA, could I please have an unredacted version of the A3 attached to the response? i.e. the one that has the following on the first page: 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 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>	s 9(2)(a)		19-D-02341 Departmental	Mon 11 Nov
<ul style="list-style-type: none"> • 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? • If we plant more forestry, how are we paid or rewarded for that and by whom? What happens to the money we are paid?□ • Should we produce more greenhouse gases and therefore we get penalised for this, where does the money that we pay for that end up? 	s 9(2)(a)		19-D-02362 Departmental	Tues 12 Nov
<p>With respect to Climate change, the Climate Change Response Act and various related policies, agreements, frameworks, legislation, etc. Please tell me:</p> <p>1.The total amount of money (NZ\$) the New Zealand Government has paid out to any and all entities, foreign and domestic, at any and all times (from 1990 – 2020) with respect to greenhouse gas (GHG) NZ Emissions Trading Scheme (however it may be called). •NZ has sent overseas over NZ \$2 billion/y from 2008 on. Exactly when, to whom (e.g., what country) and for what was the money sent (e.g., to build a dam)? •NZ has spent domestically similar amounts. Exactly when, to whom and for what was the money spent? •List the money has transferred between entities (including the government or government-owned entities or private parties, etc.) in NZ, e.g., from, say oil companies to land holders to 'retire' their land and so forth? •Include the record of money transferred domestically between GHG emitters and non-emitters.</p> <p>2.How much have NZ greenhouse gas emissions increased from 1990 to 2020</p>	s 9(2)(a)		19-D-02426 Departmental	Wed 20 Nov
<p>Pursuant to the OIA, I request copies of the following in electronic form to this email address: 12/09/2019, 19-B-06001 A Draft Proposal for the Provisional Emissions Budget</p>	s 9(2)(a)	Executive Director	19-D-02433 Departmental	Thu 21 Nov

IN CONFIDENCE

Request	Correspondent	Organisation	Reference	Date due to send
5/09/2019, 19-B-05897 The Environmental Integrity and Fiscal Impacts of Allocating Emission Units to Refining NZ		Sustainability Council		
<p>To whom it may concern,</p> <p>s41 of the Climate Change Response (Emissions Trading Reform) Amendment Bill released today would insert new clauses into the Climate Change Response Act governing the new "auction monitor". One of the new clauses - 30GF - would require the auction monitor to keep secret all information that comes into its knowledge when performing its functions or exercising its powers. Based on a ruling on a similar clause, this clause seems to over-ride the OIA.</p> <p>I would like to request the following information under the OIA:</p> <p>* all advice and communications on the drafting of this clause of the Climate Change Response (Emissions Trading Reform) Amendment Bill. I'm particularly interested in seeing the justification for the amendment, and who (if anyone) was consulted about it.</p> <p>As I doubt there is a formal document on this, I expect this request will have to look at emails.</p> <p>I ask that this request be handled urgently. I need this information to inform my select committee submission on the bill, and I understand that it will be seeing its first reading next week.</p>	s 9(2)(a)		19-D-02438 Departmental	Fri 22 Nov
<p>MfE: You requested any information on economics of climate clubs such as developed by William Nordhaus. However we need some clarification of the request. We need you to confirm if you are referring to the alignment of international carbon markets or something different? Furthermore in regards to your question, when you are enquiring regarding economics are you asking whether any economic analysis has been carried out by MfE or something different? We request that you clarify the question so that MfE can adequately answer your inquiry.</p> <p>Requestor: All of what you mentioned</p>	s 9(2)(a)		19-D-02445 Departmental	Mon 25 Nov
<p>The Carbon Tax collected from 1st April 2007 – 1st April 2010 for the following categories, but no limited to:</p> <ul style="list-style-type: none"> • Petroleum products (Petrol / Diesel / Lubricating oils / Natural gas / LPG gas) • Coal mining • Oil refineries • Jet fuel • Geothermal energy for heat or electricity generation • Imports of Coal / Oil refineries / Carbon Anodes / Pitch • Any other Carbon Tax collected <p>Where is Carbon Tax revenue accounted for in the Government accounts? Where is Carbon Tax revenue allocated for spending?</p>	s 9(2)(a)		19-D-02442 Departmental	Mon 25 Nov

IN CONFIDENCE

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>	s 9(2)(a)	National Party	N/A	TBC – Extension being sought
A copy of the submission dated 30 August 2019 on Including Non-official Representation on Official Delegations.	s 9(2)(a)	Newsroom NZ	N/A	Mon 4 Nov
A copy of the submission dated 22 September 2006 to the Acting Minister of Foreign Affairs on Environmental Migrants.	s 9(2)(a)		N/A	Mon 11 Nov

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Finalised on 07 November for the week commencing 11 November
2019

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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: Mark Storey, Manager, Climate Change
For item 3: Craig Salmon, Manager, Climate Change
For item 4: Sue-Ellen Fenelon, Principal Analyst, Climate Change
For item 5: Scott Gulliver, Senior Analyst, Climate Change

	Agenda	Lead	Time
1	Context	Cheryl Barnes	5 min
2	Agriculture – next steps	Mark Storey	10 min
3	Budget 2020	Craig Salmon	10 min
4	Commissioner advice (if required)	Sue-Ellen Fenelon	10 min
5	Industrial allocation – prep for ENV meeting (if required)	Scott Gulliver	5 min

Upcoming meetings 11 November – 22 November

- | | |
|----------------------|--|
| Mon, 11 Nov | <ul style="list-style-type: none">• MFAT officials meeting• MfE officials meeting• Housing Ministers meeting• Agricultural Deep-Dive Brief (Hon O'Connor, MFAT and MPI) |
| Tues, 12 Nov | <ul style="list-style-type: none">• Meeting with Dr. Itzhak Gerberg, Ambassador to Israel |
| Weds, 13 Nov | <ul style="list-style-type: none">• Meeting with Rod Carr |
| Thurs, 14 Nov | <ul style="list-style-type: none">• MfE officials: monthly climate change adaptation meeting |
| Fri, 15 Nov | <ul style="list-style-type: none">• Meeting with Matt Walsh, Managing Director, Jill Garing, General Manager, Commercial and Regulatory, New Zealand Carbon Farming |
| Mon, 18 Nov | <ul style="list-style-type: none">• MfE officials meeting |
| Thurs, 21 Nov | <ul style="list-style-type: none">• MFAT officials meeting |

1. Material for you to be aware of this week

Domestic

1.1. Adjustment to Half Year Economic and Fiscal Update for Fixed Price Option use

The Treasury has made a central adjustment to the Half Year Economic and Fiscal Update in relation to the use of the fixed price option. NZ ETS receipts have increased by \$2.1 billion across the forecast. The adjustment projects the uptake rate of the FPO for 2019 surrenders under the NZ ETS for the fiscal years 2020 – 2024. Half of NZ ETS surrender obligations for 2019 activities were made using the FPO.

We did not forecast FPO use in our earlier advice to the Treasury, however given Cabinet has not made decisions on replacement policies (being the supply settings and cost containment reserve), Treasury recommended a more conservative fiscal approach.

Although, the uptake of the fixed price option has improved net core Crown debt it has also increased the Government's obligation under the NZ ETS, which will need to be settled in the future.

1.2. National Climate Change Risk Assessment - progress update

Work on the first National Climate Change Risk Assessment is well underway. The AECOM-led project team is planning the first round of engagement, which will inform Stage 1 of the assessment (the identification and screening of a wide range of climate change risks).

Over the next couple of months, the project team will be gathering information to inform this assessment from various sources. The key engagement events include a national stakeholder workshop on 20 November in Wellington. Stakeholders from central and local government, business, infrastructure, and the research community have been invited. We will work with your office to determine your involvement. Planning is also underway for a hui with iwi/Māori, also in November. The aim of these meetings is to get people together to discuss the risks that they face, in order to inform the project team's analysis. Other smaller meetings and hui are also being considered, as well as an online survey.

The project team will deliver the first draft of their Interim Report, which presents the results of Stage 1 of the assessment, to MfE on 20 December 2019.

1.3. Government announces partnership in MethaneSat earth observation mission

The New Zealand Space Agency has established a partnership with the United States' Environmental Defense Fund to launch MethaneSat, a methane-sensing satellite designed primarily to detect methane leaks from oil and gas fields. The satellite will be launched in 2022 with an expected life of 5 years.

Last Wednesday, Minister Woods announced that New Zealand will contribute \$26 million to this global monitoring initiative, with \$10 million going towards setting up the mission control centre in a New Zealand university. This will create significant scope for graduate students to gain real world experience as they prepare for growing opportunities in the space sector. Funding will also go to New Zealand atmospheric physics researchers, who will participate in the calibration/validation of the instrument once launched. They will also investigate the possibility of detecting biogenic methane across our rural landscape, although this is not the primary objective of the mission.

1.4. Consultation on auctioning rules to open on Tuesday 12 November 2019

Consultation on auctioning rules for the New Zealand Emissions Trading Scheme will open on Tuesday 12 Nov, assuming Cabinet approval on Monday 11 Nov. See 2019-B-06186.

1.5. New Zealand and international emissions prices

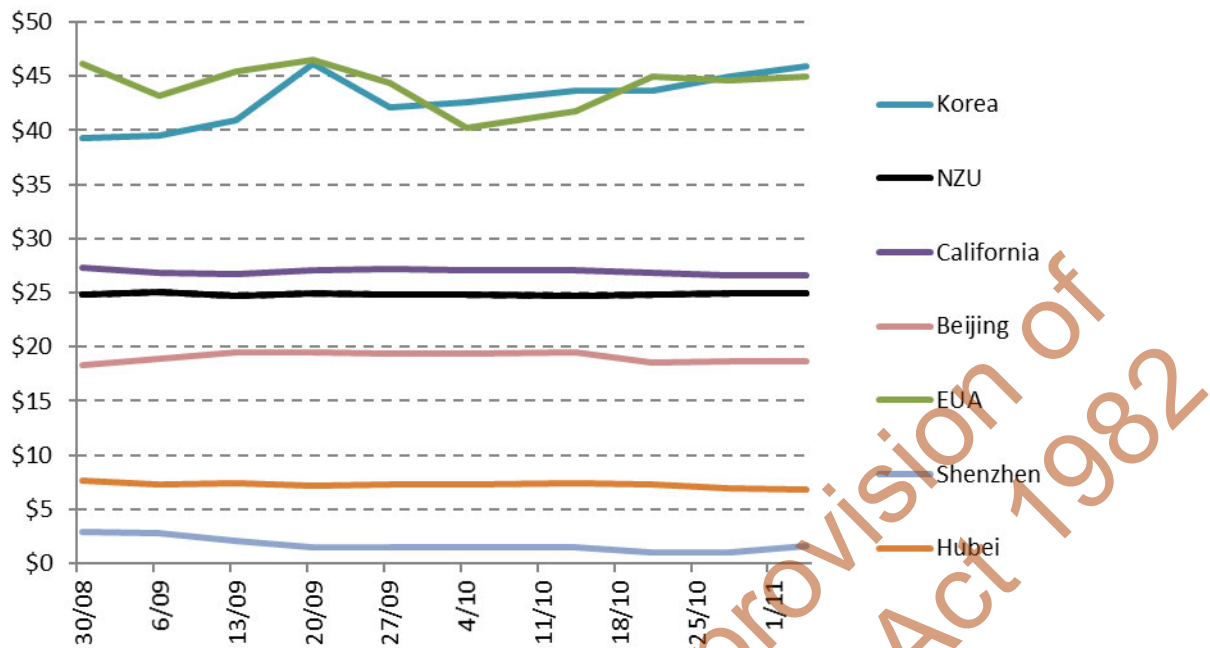
NZUs dipped slightly this week after earlier reaching the value of the Fixed Price Option. Commentators observed relatively quiet trading in New Zealand's carbon market, but expect this to increase in Q4 as the surrender obligation period draws nearer. There is also a suggestion that the impact of the ZCB and ETR Bill on emissions prices will only fully occur once both bills have been debated and passed.

Emissions prices in the E. U. and California were steady this week.

Table: Current emissions prices

NZU, EUA and California emissions prices (NZD/t CO ₂ e) as at 6 Nov 2019		
NZU	EUA	California
24.95	44.23	26.63

Chart: Recent trends in international emissions prices



1.6. Review of the Environmental Reporting System

The Parliamentary Commissioner for the Environment (PCE) released his review of the environmental reporting system on Thursday 7 November 2019.

In the review he recommended:

- A shift in environmental reporting system “from passive to active information gathering”, including the development of a “comprehensive nationally coordinated monitoring system
- Dedicated investment and funding is required over multiple years to back and maintain this system shift
- Changes to the way that environmental reporting is done, including a 6 year reporting cycle
- Changes and clarification of roles and responsibilities, including a role for the Government to formally 'respond' to synthesis reports, i.e. commenting on the effectiveness of policies.

The PCE's review presents an opportunity to progress a system-wide conversation on improvements to the science and data system.

We will look further at the report over the next week to assess the path ahead.

International

1.7. Global sea-level rise exposure triples with new elevation data – but does not significantly change the estimates of New Zealanders exposed to sea-level rise

A study titled ‘New elevation data triple estimates of global vulnerability to sea-level rise and coastal flooding’ was published in *Nature* this week by U.S researchers. Vulnerability to sea-level rise and coastal inundation is assessed globally by calculating how many people live within a certain elevation from mean sea level. The study involved reprocessing elevation data to remove inaccuracies associated with satellite estimates of surface elevation. This resulted in a tripling of global sea-level rise exposure. It identifies 150-250 million people currently live below the projected 2100 high tide line, under a low carbon emission scenario. This research has been widely publicised in national and international media.

A 2019 Deep South National Science Challenge report calculated the 'Coastal Flooding Exposure Under Future Sea-Level Rise for New Zealand'. For this study, NIWA used airborne measurements rather than satellites. In remote and low-population areas of New Zealand such as the West Coast, satellite data was used where airborne was unavailable. The new *Nature* research would be a minor change to this calculation, and not significantly change the estimates of New Zealanders exposed to sea-level rise provided in the NIWA report.

1.8. US withdrawal from Paris Agreement

As expected, the United States deposited 4 November its Letter of Intention to withdraw from the Paris Agreement. While President Trump announced the US withdrawal in 2017, 4 November 2019 was the first day it was possible to do this according to the Paris Agreement rules. The withdrawal takes effect in 12 months' time, which is the day after the 2020 US General Election. We will continue to work with our US colleagues multilaterally as Parties to the UN Framework Convention on Climate Change.

2. Upcoming briefings

Papers for week ending 15 November

Paper number	Issue or event	Lead	Further information
N/A	Submission on delegation composition and letter of credentials	MFAT	Submission on the UNFCCC COP25 delegation composition and letter of credentials

Papers for week ending 22 November

Paper number	Issue or event	Lead	Further information
2019-B-06153	Stakeholder engagement plan on CRFD consultation	MfE	Provides you with an outline of the Auckland, Wellington and Christchurch meetings with stakeholders on CRFD, including dates, venues and suggested running order.

3. Cabinet material being prepared for you

Paper number	Paper name	Committee	What this paper covers	Timeframes
2019-C-06046	Establishing the Commission – appointment of six 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
2019-C-06148	ETR Bill - 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: TBC LEG: TBC Cabinet: TBC
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: TBC ENV: TBC Cabinet: TBC

4. OIA requests

4.1. 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"> • 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. • 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. • 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. 	s 9(2)(a)		OIA219	MfE	ASAP	21-May-19
<p>Official Information Request: Zero Carbon Bill Policy lease supply the following information under the Official Information Act:</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	MfE	Weds 13 Nov	Wed 20 Nov

IN CONFIDENCE

Request	Correspondent	Organisation	Reference	Drafting agency	Due at your office/current status	Date due to send
Thanks for this response. As a follow-up OIA request, can I please ask for copies of the following documents: Next steps on climate-related financial disclosures (29 August 2019)	s 9(2)(a)	Political editor Newsroom	19-O- 02439	MfE	Thurs 14 Nov	Wed 20 Nov
Understanding I am not asking for any personal information, just generalised statistics... 1. Could the Greens Co-Leader please advise, how many of her ministers do not own at least one home? 2. Could the Greens Co-Leader please advise how many homes her ministers own as a collective figure, taking in private residences owned personally in their own names, jointly with other persons, or owned in the names of their partners? 3. Could the Greens Co-Leader please advise how many homes and other residence types her ministers collectively own, either personally in their own names, jointly with other persons, or owned in the names of their partners, that are not their private residences, but they rent out for private and or commercial purposes? And what is the total value of those rents and or leases, as a collective figure?	s 9(2)(a)		N/A	MFAT	Thurs 14 Nov	Mon 18 Nov
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/OIA 280	MfE	Wed 13 Nov	Wed 20 Nov
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)(a)		19-O- 02391 /OIA284	MfE	Tue 19 Nov	Tue 26 Nov
A list of all documents, including but not exclusive to briefings, reports, aide memoirs, weekly bullets/reports,	s 9(2)(a)	Stuff	19-O- 02478	MfE	Thurs 21 Nov	Thurs 28 Nov

IN CONFIDENCE

Request	Correspondent	Organisation	Reference	Drafting agency	Due at your office/current status	Date due to send
<p>and memos reports relating to the Minister's climate change portfolio. Please restrict the dates of these documents to October.</p> <p>No content of the documents is required, just the name of the document, when it was received, and its reference number.</p>						
<p>I'd like to request copies of two documents sent to Minister Shaw's office in August.</p> <p>Establishing the Commision - lost list of candidates and Establishing the Commission - Revised long list.</p> <p>This is a request under the Official Information Act 1982.</p>	s 9(2)(a)	Stuff	19-O-02477	MfE	Fri 22 Nov	Fri 29 Nov

Released under the provision of the Official Information Act 1982

4.2. Ministry for the Environment OIAs

Request	Correspondent	Organisation	Reference	Date due to send
<p>Under the OIA, could I please have an unredacted version of the A3 attached to the response? i.e. the one that has the following on the first page: 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 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>	s 9(2)(a)		19-D-02341 Departmental	Mon 11 Nov
<p>With respect to Climate change, the Climate Change Response Act and various related policies, agreements, frameworks, legislation, etc. Please tell me: 1.The total amount of money (NZ\$) the New Zealand Government has paid out to any and all entities, foreign and domestic, at any and all times (from 1990 – 2020) with respect to greenhouse gas (GHG) NZ Emissions Trading Scheme (however it may be called). •NZ has sent overseas over NZ \$2 billion/y from 2008 on. Exactly when, to whom (e.g., what country) and for what was the money sent (e.g., to build a dam)? •NZ has spent domestically similar amounts. Exactly when, to whom and for what was the money spent? •List the money has transferred between entities (including the government or government-owned entities or private parties, etc.) in NZ, e.g., from, say oil companies to land holders to 'retire' their land and so forth? •Include the record of money transferred domestically between GHG emitters and non-emitters. 2.How much have NZ greenhouse gas emissions increased from 1990 to 2020</p>	s 9(2)(a)		19-D-02426 Departmental	Wed 20 Nov
<p>Pursuant to the OIA, I request copies of the following in electronic form to this email address: 12/09/2019, 19-B-06001 A Draft Proposal for the Provisional Emissions Budget 5/09/2019, 19-B-05897 The Environmental Integrity and Fiscal Impacts of Allocating Emission Units to Refining NZ</p>	s 9(2)(a)	Executive Director Sustainability Council	19-D-02433 Departmental	Thu 21 Nov
<p>To whom it may concern, s41 of the Climate Change Response (Emissions Trading Reform) Amendment Bill released today would insert new clauses into the Climate Change Response Act governing the new "auction monitor". One of the new clauses - 30GF - would require the auction monitor to keep secret all information that comes into its</p>	s 9(2)(a)		19-D-02438 Departmental	Fri 22 Nov

IN CONFIDENCE

Request	Correspondent	Organisation	Reference	Date due to send
<p>knowledge when performing its functions or exercising its powers. Based on a ruling on a similar clause, this clause seems to over-ride the OIA.</p> <p>I would like to request the following information under the OIA:</p> <p>* all advice and communications on the drafting of this clause of the Climate Change Response (Emissions Trading Reform) Amendment Bill. I'm particularly interested in seeing the justification for the amendment, and who (if anyone) was consulted about it.</p> <p>As I doubt there is a formal document on this, I expect this request will have to look at emails.</p> <p>I ask that this request be handled urgently. I need this information to inform my select committee submission on the bill, and I understand that it will be seeing its first reading next week.</p>				
<p>MfE: You requested any information on economics of climate clubs such as developed by William Nordhaus. However we need some clarification of the request. We need you to confirm if you are referring to the alignment of international carbon markets or something different? Furthermore in regards to your question, when you are enquiring regarding economics are you asking whether any economic analysis has been carried out by MfE or something different? We request that you clarify the question so that MfE can adequately answer your inquiry.</p> <p>Requestor: All of what you mentioned</p>	s 9(2)(a)		19-D-02445 Departmental	Mon 25 Nov
<p>The Carbon Tax collected from 1st April 2007 – 1st April 2010 for the following categories, but no limited to:</p> <ul style="list-style-type: none"> • Petroleum products (Petrol / Diesel / Lubricating oils / Natural gas / LPG gas) • Coal mining • Oil refineries • Jet fuel • Geothermal energy for heat or electricity generation • Imports of Coal / Oil refineries / Carbon Anodes / Pitch • Any other Carbon Tax collected <p>Where is Carbon Tax revenue accounted for in the Government accounts? □ Where is Carbon Tax revenue allocated for spending?</p>	s 9(2)(a)		19-D-02442 Departmental	Mon 25 Nov
<p>What are the specific chemicals used (or planned to be used) in the Stratospheric Aerosol Injection program? https://www.google.com/amp/s/www.newshub.co.nz/home/world/2018/11/scientists-study-spraying-chemicals-in-atmosphere-to-slow-global-warming.amp.html</p>	s 9(2)(a)		19-D-02488 Departmental	Fri 29 Nov

4.3. Ministry of Foreign Affairs and Trade OIAs

Request	Correspondent	Organisation	Reference	Date due to send
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. 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.	s 9(2)(a)	National Party	N/A	Mon 11 Nov
A copy of the submission dated 22 September 2006 to the Acting Minister of Foreign Affairs on Environmental Migrants.	s 9(2)(a)		N/A	Mon 11 Nov

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the Official Information Act 1982



Weekly update - Minister for Climate Change

Finalised on 14 November for the week commencing 18 November

Date: 18 November
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: Sue-Ellen Fenelon, Principal Analyst, Climate Change
For item 3: Mark Storey, Manager, Climate Change
For item 4: Stephen Walter, Manager, Climate Change
For item 5: Matthew Cowie, Manager, Climate Change

	Agenda	Lead	Time
1	Context	Cheryl Barnes	5 min
2	Climate Change Commissioner appointments	Sue-Ellen Fenelon	10 min
3	He Waka Eke Noa next steps	Mark Storey	10 min
4	NDC policy decisions	Stephen Walter	10 min
6	ETS supply settings – feedback on papers	Matthew Cowie	10 min

Upcoming meetings 18 November – 29 November

Monday, 18 November MfE Officials Meeting

 Housing Ministers meeting

Wednesday, 20 November Agricultural Deep-Dive with Hon O'Connor/MFAT/MPI

 National stakeholder workshop for the National Climate Change Risk Assessment

Thursday, 21 November MFAT Officials Meeting

 Dr. Itzhak Gerberg, Ambassador to Israel

 MfE Officials: Monthly Climate Change Adaption

Monday, 25 November MfE Officials Meeting

 Meteorological Society of New Zealand - Annual Conference

 Housing Ministers meeting

 Wellington CRFD Consultation Workshop

 Meeting with MoF - Budget 2020 - Climate Change and Statistics

 MFAT Officials Meeting

Wednesday 27 November Alisco - Launch of NZs first regular long-haul EV road freighter

Tuesday, 26 November to Sunday, 1 December On leave

1. Key decisions for you to make this week

a. Timing of ETS supply settings

2. Material for you to be aware of this week

Domestic

2.1. New Zealand and international emissions prices

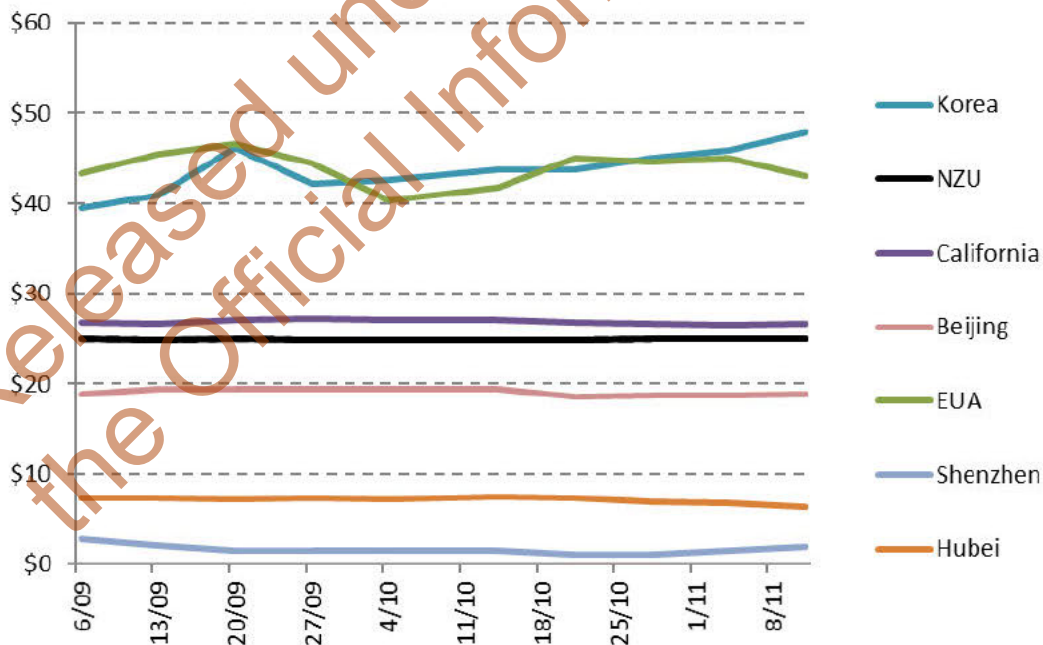
NZUs remain close to \$25, without much impetus in the market for prices to rise above this level until further signals from the Government are released regarding future price intentions.

Prices in the EU ETS declined last week, but have since recovered on positive economic data and reduced auction supply.

Table: Current emissions prices

NZU, EUA and California emissions prices (NZD/t CO ₂ e) as at 13 Nov 2019		
NZU	EUA	California
24.95	41.39	26.63

Chart: Recent trends in international emissions prices



2.2. National Climate Change Risk Assessment - progress update on key engagement events in November

There are two key engagement events coming up for Stage 1 of the Risk Assessment. The national one day stakeholder workshop will be held on 20 November 2019 in Wellington. At least 100 attendees from across central and local government, business, infrastructure, and the research community are expected. Your office has confirmed your attendance at the workshop between 9.00-9.15am. We will work with your office on providing key details around the event and speaking points.

A hui with iwi/Māori is now confirmed and will be held on 29 November at the NIWA head office in Auckland. This hui will be supported by other targeted regional meetings with iwi/Māori.

International

2.3. Request for New Zealand to join the International Platform for Sustainable Finance

Sean Kidney from Climate Bonds Initiative has reached out to officials to request that New Zealand join the recently announced International Platform for Sustainable Finance (IPSF).

The IPSF was launched at IMF autumn meetings with speeches from Valdis Dombrovskis, Vice President of the European Commission and Yi Gang, Chinese Central Bank Governor. Founding members are the EU, Argentina, Canada, Chile, China, India, Kenya, and Morocco. Observers of IPSF include the following organisations which New Zealand is involved with; Coalition of Finance Ministers for Climate Action, OECD and Network for Greening the Financial System.

The main purpose of IPSF is to build greater international cooperation to join up efforts to scale up environmentally sustainable finance globally and promote the integration of markets for green financial products at international scale. The IPSF intends to act as a forum for facilitating exchanges and, where relevant, coordinating efforts on initiatives and approaches to environmentally sustainable finance, while respecting national and regional contexts.

MfE are in the process of reaching out to the European Union's DG FISMA to determine what will be required if New Zealand were to become a member, before providing any advice on the matter to Ministers.

2.4. Pacific Climate Change Dialogue with New Zealand, in Apia, Samoa (8 November)

MFAT and MfE officials attended the first formal Climate Change Dialogue with Pacific officials in Apia on 8 November ahead of COP25 to build relationships and deepen our engagement with PIC climate change experts ahead of the COP. The delegation sought to understand Pacific negotiation positions rather than seek alignment with ours. Rapport was good and a lot of useful information attained. Key items on the agenda comprised carbon markets, loss and damage and a possible UNFCCC oceans work shop in 2020. A reception held a few hours after the Zero Carbon Bill passed its third reading enabled announcement of New Zealand's legislation. This news was very well received by participants. The ZCA is understood as reflecting genuine leadership by New Zealand. This is the first substantive expert level meeting on multilateral climate change issues New Zealand has convened in the region, and a significant milestone in building relationships with Pacific negotiators. Continued close engagement through COP25 and beyond will be important to deliver on the expectations of collaboration and support resulting from this meeting.

2.5. COP25 Korero with stakeholders (Thursday 14 Auckland and Tuesday 19 Wellington)

Kay Harrison and negotiators from MfE and MFAT will hold two kōrero with stakeholder's in Wellington and Auckland respectively. The conversations will be focused on New Zealand's international climate change priorities for COP25 (carbon markets, loss and damage and multilateral assessment). The public are invited to drop in and contribute to the discussion. You will receive an update following the events.

2.6. Australia First Assistant Secretary Isbister to visit Wellington (20-22 November)

Newly appointed Australian First Assistant Secretary responsible for climate change, Jamie Isbister, will visit Wellington from 20-22 November. The programme is based on discussions with MFAT officials, but will include a call on the Interim Climate Change Committee. Discussions on international climate change are likely to focus on COP25: Article 6, other negotiating priorities, priorities for the Umbrella Group (UG, chaired by Australia); engagement with Pacific countries on climate change and New Zealand's domestic climate change policies. Isbister has not (yet) been designated Australia's Environment or Climate Ambassador.

3. Upcoming briefings

Papers for week ending 22 November

Paper number	Issue or event	Lead	Further information
2019-B-06209	Proactive release of Crown land and forestry in the New Zealand Emissions Trading Scheme and the 1 hectare mapping standard for pre-1990 forest land	MfE	Brief outlining proactive release of Cabinet paper and minutes

4. Cabinet material being prepared for you

Paper number	Paper name	Committee	What this paper covers	Timeframes
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: 4-Dec-19
2019-C-06165	Approval to consult on NZ ETS settings	ENV - Environment, Energy and Climate	This paper seeks approval to consult on proposals for regulations which will determine NZ ETS settings.	Lodge: 28-Nov-19 ENV: 5-Dec-19 Cabinet: 9-Dec-19

5. Cabinet material we have been consulted on

Paper name	Agency	Committee	Our advice on the paper
WAI 262 TE PAE TAWHITI – REPORT BACK AND NEXT STEPS	MFAT	Te Arawhiti Committee	TBC
LIMITING PLANTATION FORESTRY ON PRODUCTIVE LAND	MfE	ENV	This draft Cabinet paper from the Minister for the Environment proposes work on a national direction under the RMA to limit the scope for new plantation forestry on productive land. s 9(2)(g)(i)
Discussion paper - Inhibitor Regulation	Ministry for Primary Industries	ENV	The discussion paper presents high level options for which there is insufficient activity data to carry out greenhouse gas analysis at this stage. The Ministry for the Environment expects that greenhouse gas analysis will be carried out and reported once a preferred option(s) has been identified.
Discussion paper – Accelerating Renewable Energy and Energy Efficiency	Ministry for Business, Innovation and Employment	DEV	The discussion paper presents high level information on the likely impacts of options to accelerate renewable energy and energy efficiency. Some greenhouse gas analysis is provided, where evidence exists. The Ministry for the Environment expects that this analysis will be further refined and reported once a preferred package of options to enable the energy transition has been identified.

Progressing the Electricity Price Review's Recommendations	Ministry for Business, Innovation and Employment	DEV	TBC
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the Official Information Act 1982

6. OIA requests

6.1. 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"> • 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. • 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. • 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. 	s 9(2)(a)		OIA219	MfE	ASAP	21-May-19
<p>Official Information Request: Zero Carbon Bill Policy please supply the following information under the Official Information Act: 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.</p>	s 9(2)(a)		19-O-02424	MfE	Weds 13 Nov	Wed 20 Nov

IN CONFIDENCE

Request	Correspondent	Organisation	Reference	Drafting agency	Due at your office/current status	Date due to send
including statutory independence in the manner of the Reserve Bank.						
Thanks for this response. As a follow-up OIA request, can I please ask for copies of the following documents: Next steps on climate-related financial disclosures (29 August 2019)	s 9(2)(a)	Political editor Newsroom	19-O-02439	MfE	Thurs 14 Nov	Wed 20 Nov
Understanding I am not asking for any personal information, just generalised statistics... 1. Could the Greens Co-Leader please advise, how many of her ministers do not own at least one home? 2. Could the Greens Co-Leader please advise how many homes her ministers own as a collective figure, taking in private residences owned personally in their own names, jointly with other persons, or owned in the names of their partners? 3. Could the Greens Co-Leader please advise how many homes and other residence types her ministers collectively own, either personally in their own names, jointly with other persons, or owned in the names of their partners, that are not their private residences, but they rent out for private and or commercial purposes? And what is the total value of those rents and or leases, as a collective figure?	s 9(2)(a)		N/A	MFAT	Thurs 14 Nov	Mon 18 Nov

IN CONFIDENCE

Request	Correspondent	Organisation	Reference	Drafting agency	Due at your office/current status	Date due to send
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/OIA 280	MfE	Wed 13 Nov	Wed 20 Nov
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)(a)		19-O-02391 /OIA284	MfE	Tue 19 Nov	Tue 26 Nov
A list of all documents, including but not exclusive to briefings, reports, aide memoirs, weekly bullets/reports, and memos reports relating to the Minister's climate change portfolio. Please restrict the dates of these documents to October. 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-02478	MfE	Thurs 21 Nov	Thurs 28 Nov
I'd like to request copies of two documents sent to Minister Shaw's office in August. Establishing the Commission - long list of candidates and Establishing the Commission - Revised long list. This is a request under the Official Information Act 1982.	s 9(2)(a)	Stuff	19-O-02477	MfE	Fri 22 Nov	Fri 29 Nov

IN CONFIDENCE

6.2. Ministry for the Environment OIAs

Request	Correspondent	Organisation	Reference	Date due to send
<p>With respect to Climate change, the Climate Change Response Act and various related policies, agreements, frameworks, legislation, etc.</p> <p>Please tell me:</p> <p>1.The total amount of money (NZ\$) the New Zealand Government has paid out to any and all entities, foreign and domestic, at any and all times (from 1990 – 2020) with respect to greenhouse gas (GHG) NZ Emissions Trading Scheme (however it may be called).</p> <ul style="list-style-type: none"> •NZ has sent overseas over NZ \$2 billion/y from 2008 on. Exactly when, to whom (e.g., what country) and for what was the money sent (e.g., to build a dam)? •NZ has spent domestically similar amounts. Exactly when, to whom and for what was the money spent? •List the money has transferred between entities (including the government or government-owned entities or private parties, etc.) in NZ, e.g., from, say oil companies to land holders to 'retire' their land and so forth? •Include the record of money transferred domestically between GHG emitters and non-emitters. <p>2.How much have NZ greenhouse gas emissions increased from 1990 to 2020</p>	s 9(2)(a)		19-D-02426 Departmental	Wed 20 Nov
<p>Pursuant to the OIA, I request copies of the following in electronic form to this email address:</p> <p>12/09/2019, 19-B-06001 A Draft Proposal for the Provisional Emissions Budget</p> <p>5/09/2019, 19-B-05897 The Environmental Integrity and Fiscal Impacts of Allocating Emission Units to Refining NZ</p>	s 9(2)(a)	Sustainability Council	19-D-02433 Departmental	Thu 21 Nov
<p>s41 of the Climate Change Response (Emissions Trading Reform) Amendment Bill released today would insert new clauses into the Climate Change Response Act governing the new "auction monitor". One of the new clauses - 30GF - would require the auction monitor to keep secret all information that comes into its knowledge when performing its functions or exercising its powers. base don a ruling on a similar clause, this clause seems to over-ride the OIA.</p>	s 9(2)(a)		19-D-02438 Departmental	Fri 22 Nov

IN CONFIDENCE

Request	Correspondent	Organisation	Reference	Date due to send
<p>I would like to request the following information under the OIA:</p> <p>* all advice and communications on the drafting of this clause of the Climate Change Response (Emissions Trading Reform) Amendment Bill. I'm particularly interested in seeing the justification for the amendment, and who (if anyone) was consulted about it.</p> <p>As I doubt there is a formal document on this, I expect this request will have to look at emails.</p> <p>I ask that this request be handled urgently. I need this information to inform my select committee submission on the bill, and I understand that it will be seeing its first reading next week.</p>				
<p>MfE: You requested any information on economics of climate clubs such as developed by William Nordhaus. However we need some clarification of the request. We need you to confirm if you are referring to the alignment of international carbon markets or something different? Furthermore in regards to your question, when you are enquiring regarding economics are you asking whether any economic analysis has been carried out by MfE or something different? We request that you clarify the question so that MfE can adequately answer your inquiry.</p> <p>Requestor: All of what you mentioned</p>	s 9(2)(a)		19-D-02445 Departmental	Mon 25 Nov
<p>The Carbon Tax collected from 1st April 2007 – 1st April 2010 for the following categories, but not limited to:</p> <ul style="list-style-type: none"> • Petroleum products (Petrol / Diesel / Lubricating oils / Natural gas / LPG gas) • Coal mining • Oil refineries • Jet fuel • Geothermal energy for heat or electricity generation • Imports of Coal / Oil refineries / Carbon Anodes / Pitch • Any other Carbon Tax collected 	s 9(2)(a)		19-D-02442 Departmental	Mon 25 Nov

IN CONFIDENCE

Request	Correspondent	Organisation	Reference	Date due to send
<p>Where is Carbon Tax revenue accounted for in the Government accounts?</p> <p>Where is Carbon Tax revenue allocated for spending?</p>				
<p>What are the specific chemicals used (or planned to be used) in the Stratospheric Aerosol Injection program?</p> <p>https://www.google.com/amp/s/www.newshub.co.nz/home/world/2018/11/scientists-study-spraying-chemicals-in-atmosphere-to-slow-global-warming.amp.html</p>	s 9(2)(a)		19-D-02488 Departmental	Fri 29 Nov

Released under the provision of the Official Information Act 1982

Request	Correspondent	Organisation	Reference	Date due to send
<p>Please supply the following information under the Official Information Act (OIA):</p> <p>What advice has been provided to the Minister for Climate Change from May 2018 regarding the proposed Zero Carbon Act?</p> <p>This would include written advice in the form of briefings to the Minister from the Ministry for Foreign Affairs & Trade.</p> <p>Please email the information to me in a pdf version or as attachments.</p>	s 9(2)	Victoria University of Wellington	19-D-02556 Departmental	Wed 11 Dec

Released under the provision of the Official Information Act 1982

Weekly update - Minister for Climate Change

Finalised on 21 November for the week commencing 25 November

Date: Monday 25 November
Time: 4.00 - 4.30 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: Matt Cowie, Manager, Emissions Trading Policy
 For item 3: Mark Storey, Manager, Agriculture and Climate Change
 For item 4: Sue-Ellen Fenelon, Principal Advisor
 For item 5: Matt Cowie, Manager, Emissions Trading Policy
 For item 6: Kirsty Millard, Director, Legal Services

	Agenda	Lead	Time
1	Context	Cheryl Barnes	5 min
2	NZ ETS supply settings – discuss feedback from Ministerial consultation	Matt Cowie	10 min
3	He Waka Eke Noa	Mark Storey	10 min
4	Commissioning monitoring agency	Sue-Ellen Fenelon	5 min
5	2020 Legislative Bid	Kirsty Millard	5 min

Upcoming meetings 25 November – 06 December

- | | |
|---|--|
| Monday, 25 November | <ul style="list-style-type: none">• MfE officials meeting• Meteorological Society of New Zealand - Annual Conference• Housing Ministers meeting• Wellington CRFD Consultation Workshop• Meeting with MoF - Budget 2020 - Climate Change and Statistics• Lawyers for Climate Action• MFAT officials |
| Wednesday, 27 November | <ul style="list-style-type: none">• AlSCO - Launch of NZ's first regular long-haul EV road freighter |
| Tuesday, 26 November to Sunday, 1 December | <ul style="list-style-type: none">• On leave |
| Monday, 2 December | <ul style="list-style-type: none">• MfE officials meeting• DairyNZ Annual Dairy Environment Leaders Forum• MFAT officials meeting |
| Wednesday, 4 December | <ul style="list-style-type: none">• Dinner with the Board of the Electricity Networks Association |
| Thursday, 5 December | <ul style="list-style-type: none">• Monthly Climate Change Adaptation meeting |

1. Key decisions for you to make this week

- Lodge Cabinet paper by Thursday 28 November – Approval to consult on NZ ETS settings
- Lodge APH paper by Thursday 28 November – Appointment of six commissioners if still to be considered at 4 December, with power to act

2. Material for you to be aware of this week

Domestic

2.1. New Zealand and international emissions prices

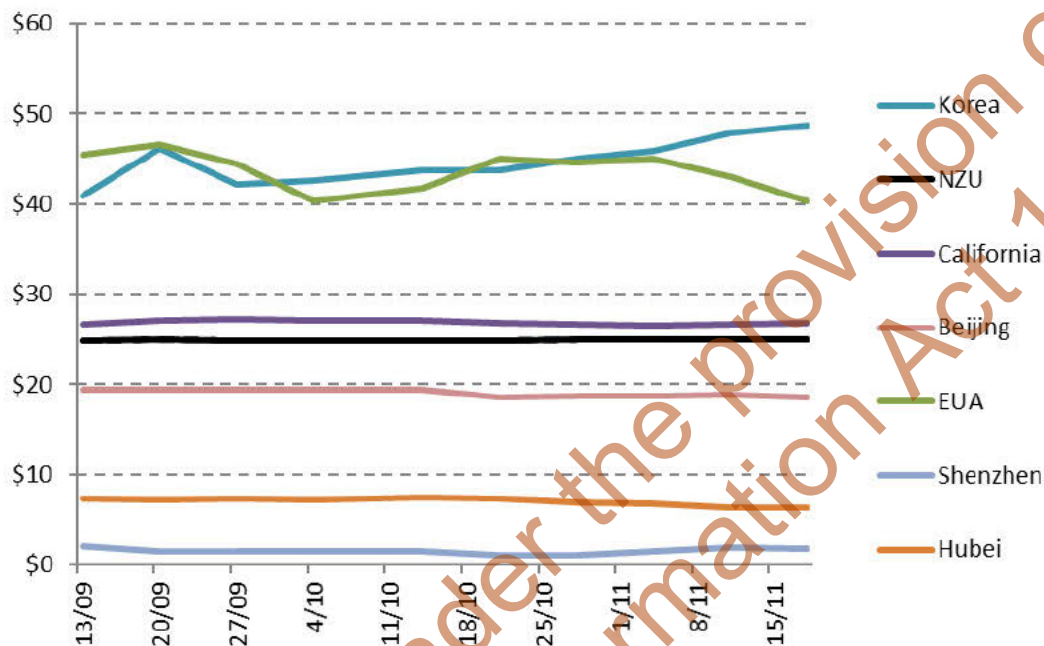
There has been little change in the emissions prices that we monitor. NZUs drifted lower this week on quiet trade in New Zealand's carbon market. Commentators expect that trading may pick up if prices continue to move below the fixed price option and become more attractive to market participants.

EUAs sunk to a six week low, although managed to rebound late Wednesday on increased auction interest and a surge in short-covering. Prices in the WCI were steady.

Table: Current emissions prices

NZU, EUA and California emissions prices (NZD/t CO ₂ e) as at 20 Nov 2019		
NZU	EUA	California
24.80	41.48	26.73

Chart: Recent trends in international emissions prices



2.2. NZ Super Fund Annual Report

In its 2019 Annual Report, NZ Super Fund has included two pages on climate change. It sets out NZ Super's governance arrangements, strategy, risk management approach, and metrics and targets with relation to climate change, aligning with the four categories of disclosure recommended by the Task Force on Climate-related Financial Disclosures (TCFD).

NZ Super's Climate Change Investment Strategy aims to improve investment resilience to climate change risk over the long-term horizon of the Fund. For example, in June 2017 NZ Super transitioned 40% of the Fund to become low carbon. It has created a risk assessment process so each new investment opportunity is considered through the lens of the degree to which those investments are exposed to climate change risks and how well positioned they are to provide solutions. This strategy is overseen by the Chief Investment Officer.

NZ Super is also using 2, 3 and 4°C scenarios for scenario analysis, both to consider the valuation of assets where climate change presents a material risk, and to test the robustness of investments to different climate change outcomes.

2.3. Climate Change Chief Executive and Sustainability Board meeting

The Climate Change Chief Executive and Sustainability Board are meeting on 26th November. For your information, the agenda will cover the following:

1. The Board will review and agree cross-system advice to Ministers on enabling the transition. This follows from your discussion with the Board on the 29th October, where it was agreed that Climate Change Directors and CEs would frame up advice on where we could decarbonise the economy, and how we could accelerate more.
2. The Board will review and agree collective advice to Ministers on the Just Transition package.
3. Craig Weise, CEO NZGIF, will speak to the Board on the Green Investment Fund. The paper 'A Guide to New Zealand Green Investment Finance' has been circulated to the Board in advance of the meeting.
4. The Board will review Climate Change Directors' advice on the emissions budget work programme.

2.4. MFATs input to the WAI 262 TE PAE TAWHITI – REPORT BACK AND NEXT STEPS paper going to the Te Arawhiti Committee

In April, Cabinet agreed the Minister for Māori Development should develop a draft whole-of-government strategy to address issues raised in Wai 262, and invited the Minister to report back in November to seek approval of the draft strategy. Cabinet further decided to establish a Ministerial Oversight Group to assist in the development of the strategy and agreed in principle to establish three Ministerial focus groups on (1) Taonga works and matauranga Māori (e.g., intellectual property, arts, culture, language), (2) Taonga species and matauranga Māori (e.g., conservation, environment, climate change), and (3) International indigenous matters (e.g., engagement with Māori on international instruments and representation at international forums). Cabinet anticipated your participation in all three focus groups, in your respective statistics and climate change portfolios.

Subsequently, Minister Mahuta has undertaken targeted engagement with Maori groups and individuals to obtain feedback on the Crown's proposals for how it might organise itself on the Wai 262 kaupapa, and officials have completed some preliminary work to identify a wide range of existing and forthcoming Government work streams that have Wai 262 implications. These work streams include multiple programmes and topics of relevance to your portfolios (as examples, review of the Statistics Act 1975, development of a new national biodiversity strategy, Zero Carbon Bill, Emissions Trading Scheme, Convention on Biological Diversity). At this stage, the precise contribution of the focus groups to these and other work streams is not yet defined.

Te Puni Kokiri is now leading an inter-agency process to prepare a draft paper to enable Minister Mahuta to report back to Cabinet. s 9(2)(g)(i)

MFAT is participating in the inter-agency process; we are especially interested to see clarity in how the focus groups will operate and how agencies will support them. MFAT will have an important contribution to make in terms of Focus Group 3 and work on identifying Māori interests at international level, engagement with Māori when representing New Zealand, and how Māori should be represented in international forums.

International

2.5. Pedro Sánchez announces left-wing coalition deal, as the far right surges in Spanish election

Acting Spanish Prime Minister Sánchez announced that his centre-left Socialist Party (PSOE) has signed a preliminary coalition agreement with the further-left Podemos party to try to form a government, although the deal still falls short of the seats needed for a parliamentary majority. The move comes less than 48 hours after Spain's second election in 2019, and fourth in four years. The results have produced no clear pathway to a stable government, with PSOE securing the most votes and seats, but once again falling short of a majority. The vote took place against a backdrop of high social and political polarisation and has reshaped national politics, with the near elimination of centre-right Ciudadanos (Citizens) and a huge surge for the far right Vox (Voice).

s 6(a)

2.6. IMO 6th Intersessional Working Group on GHG Emissions from Shipping

Last week, officials from the Ministry of Transport and MFAT participated in an International Maritime Organisation (IMO) working group focused on reducing emissions from shipping. The group considered in detail 10 proposed measures capable of being agreed in the short-term (entering into force before 2023). These were assessed against the IMO's Initial Strategy to Reduce Emissions from Shipping. The discussions were largely technical rather than political in approach, a welcome change from the last meeting.

Ultimately, the working group agreed to develop two types of mandatory measures: one focused on a technical approach (essentially improving ship design or performance parameters) and one focused on operational approach (essentially ship operations). New Zealand considers both aspects are needed for the IMO's Initial Strategy, but there was a risk the operational measure would not receive sufficient support.

The working group will further develop the proposals ahead of the next two week meeting in March 2020. It may be possible to finalise one or both measures at that meeting, although risks remains that countries will lower the ambition or delay finalisation of measures.

The Group also finalised a draft resolution on Voluntary National Action Plans, proposed by China. The resolution invites Member States to submit a NAP to the IMO and encourages early action

s 9(2)(g)(i)

2.7. s 6(b)

s 6(b)

2.8. Canada: Jonathan Wilkinson is the new Minister of Environment and Climate Change

Prime Minister Trudeau has unveiled the new Cabinet for his second term in government. Jonathan Wilkinson now has responsibility for the Environment and Climate Change portfolio following a strong performance as Minister for Fisheries and Oceans. While not confirmed, Wilkinson is expected to attend COP25 in Madrid. Former Environment and Climate Change Minister, Catherine McKenna, takes up the Infrastructure and Communities portfolio.

3. Upcoming briefings

Papers for week ending 29 November

Paper number	Issue or event	Lead	Further information
2019-B-06251	Cover briefing note for Cabinet report-back on He Waka Eke Noa governance arrangements	MfE	Appends and seeks Minister's approval to Cabinet paper reporting back on proposed He Waka Eke Noa governance arrangements.
2019-B-06236	Final version of Cabinet paper seeking approval to consult on NZ ETS settings	MfE	This briefing provides a final version of the Cabinet paper seeking approval to consult on NZ ETS settings
2019-B-06265	Update on adaptation reporting power	MfE	This provides you with an update on how we are progressing towards implementation of the reporting power.
TBC	Establishing the Commission – update on progress to end of 2019	MfE	This will provide you with a wrap-up of where key workstreams are at, as much as possible to the end of this year. It will also set out key actions that will be required early in 2020, noting any key decisions that you will need to make.
2019-B-06243	Emissions Trading Reform Bill: Initial Briefing for your review	MfE	This briefing appends, for your review, the Initial Briefing to the Environment Select Committee on the Climate Change Response (Emissions Trading Reform) Amendment Bill. The Initial Briefing has two components: a word document and a PowerPoint presentation. The Select Committee has not confirmed a date for the Briefing, but it is likely to be in early December 2019 or late January 2020.

4. Cabinet material being prepared for you

Paper number	Paper name	Committee	What this paper covers	Timeframes
2019-C-06046	Establishing the Climate Change Commission - appointment of remaining Commissioners	APH - Appointments and Honours		Lodge: 28-Nov-19 APH: 4-Dec-19 With power to act
2019-C-06250	Confirming governance arrangements for joint Action Plan on agricultural emissions	ENV - Environment, Energy and Climate		Lodge: 28-Nov-19 ENV: 5-Dec-19 Cabinet: 9-Dec-19
2019-C-06165	Approval to consult on NZ ETS settings	ENV - Environment, Energy and Climate	Attaches consultation document on provisional emissions budget, unit supply and price control settings.	Lodge: 28-Nov-19 ENV: 5-Dec-19 Cabinet: 9-Dec-19

5. Cabinet material for proactive release (30 working days after confirmation by Cabinet)

Paper number and name	What this paper covers	Date confirmed by Cabinet	Date due to your office	Date due for proactive release	Date published
2019-C-06073 Climate implications of Policy Assessment: Report Back to ENV	Cabinet paper, CIPA guidance and draft Cabinet Office circular for ENV approval.	18 November 2019	TBC	23 January 2020	
2019-C-06039 New Zealand Emissions Trading Scheme: A Review of Industrial Allocation	This paper asks Cabinet to consider the risk of over-allocation in the NZ ETS and to begin consulting on updating the EAF.	18 November 2019	TBC	23 January 2020	

6. Cabinet material we have been consulted on

Climate Implications of Policy Assessments (CIPA)

The CIPA requirement came into force on 1 November 2019. The following table sets out current CIPAs that we are working with agencies on, where the CIPA requirements apply.

Paper name	Agency	Committee	Our advice on the GHG analysis
Discussion paper - Inhibitor Regulation	Ministry for Primary Industries	ENV	The discussion paper presents high level options for which there is insufficient activity data to carry out greenhouse gas analysis at this stage. The Ministry for the Environment expects that greenhouse gas analysis will be carried out and reported once a preferred option(s) has been identified.
Discussion paper – Accelerating Renewable Energy and Energy Efficiency	Ministry for Business, Innovation and Employment	DEV	The discussion paper presents high level information on the likely impacts of options to accelerate renewable energy and energy efficiency. Some greenhouse gas analysis is provided, where evidence exists. The Ministry for the Environment expects that this analysis will be further refined and reported once a preferred package of options to enable the energy transition has been identified.
Approval to consult on NZ ETS settings	Ministry for the Environment	ENV	The application of CIPA requirements to this paper is under discussion.
Accelerated implementation of the Clean Car Discount	Ministry of Transport	DEV	[work in progress]

7. OIA requests

7.1. Ministerial

Request	Correspondent	Organisation	Reference	Drafting agency	Due at your office/current status	Date due to send
A list of all documents, including but not exclusive to briefings, reports, aide memoirs, weekly bullets/reports, and memos reports relating to the Minister's climate change portfolio. Please restrict the dates of these documents to October. 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-02478 James Shaw	MfE	Thu 21 Nov	Thu 28 Nov
Hi there, I'd like to request copies of two documents sent to Minister Shaw's office in August. Establishing the Commission - lost list of candidates and Establishing the Commission - Revised long list. This is a request under the Official Information Act 1982.	s 9(2)(a)	Stuff	19-O-02477 James Shaw	MfE	Fri 22 Nov	Fri 29 Nov
With respect, I request the following information under the terms of the Official Information Act 1982: - Copies any reports, briefing materials, documents, memoranda, correspondence, legal advice or emails, both internal and external, specifically regarding: *The release and findings of the Royal Society Te Apāhāri August report on gene editing. The information sought in this request is to be used as part of a report by the New Zealand Herald. I anticipate receiving the information under the	s 9(2)(a)	NZ Herald	19-O-02576 James Shaw	MfE	Fri 06 Dec	Thu 12 Dec

IN CONFIDENCE

Request	Correspondent	Organisation	Reference	Drafting agency	Due at your office/current status	Date due to send
terms of the act, which stipulates a maximum period of 20 business days. Written confirmation of receipt of this request would be appreciated.						
<p>I would like to request the following under the OIA:</p> <p>19-B-05881 Talking Points - NZ ETZ exemptions for Fox Glacier Landfill Waste</p> <p>19-B-06001 A Draft Proposal for the Provisional Emissions Budget</p> <p>19-B-06016 Aide Memoire - Getting to farm level interim Options 1 and 2</p> <p>19-B-06040 Letter to Westland District Council on NZ ETS exemption</p>	s 9(2)(a)	Political Reporter, NZ Herald	19-O-02588 James Shaw	MfE	Tue 10 Dec	Tue 17 Dec

Released under the provision of the Official Information Act 1982

7.2. Ministry for the Environment OIAs

Request	Correspondent	Organisation	Reference	Date due to send
<p>MfE: You requested any information on economics of climate clubs such as developed by William Nordhaus. However we need some clarification of the request. We need you to confirm if you are referring to the alignment of international carbon markets or something different? Furthermore in regards to your question, when you are enquiring regarding economics are you asking whether any economic analysis has been carried out by MfE or something different? We request that you clarify the question so that MfE can adequately answer your inquiry.</p> <p>Requestor: All of what you mentioned</p>	s 9(2)(a)		19-D-02445 Departmental	Mon 25 Nov
<p>The Carbon Tax collected from 1st April 2007 – 1st April 2010 for the following categories, but no limited to:</p> <ul style="list-style-type: none"> • Petroleum products (Petrol / Diesel / Lubricating oils / Natural gas / LPG gas) • Coal mining • Oil refineries • Jet fuel • Geothermal energy for heat or electricity generation • Imports of Coal / Oil refineries / Carbon Anodes / Pitch • Any other Carbon Tax collected <p>Where is Carbon Tax revenue accounted for in the Government accounts? Where is Carbon Tax revenue allocated for spending?</p>	s 9(2)(a)		19-D-02442 Departmental	Mon 25 Nov
<p>What are the specific chemicals used (or planned to be used) in the Stratospheric Aerosol Injection program? https://www.google.com/amp/s/www.newshub.co.nz/home/world/2018/11/scientists-study-spraying-chemicals-in-atmosphere-to-slow-global-warming.amp.html</p>	s 9(2)(a)		19-D-02488 Departmental	Fri 29 Nov

7.3. Ministry of Foreign Affairs and Trade OIAs

Request	Correspondent	Organisation	Reference	Date due to send
<p>What advice has been provided to the Minister for Climate Change by the Ministry of Foreign Affairs and Trade since May 2018 regarding the proposed Zero Carbon Act?</p>	s 9(2)(a)	Victoria University of Wellington	N/A	Fri 29 Nov