

19-D-00791

6 JUN 2019

s 9(2)(a)

Office of Simon Bridges

s 9(2)(a) @parliament.govt.nz

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Dear

Thank you for your email of 8 May 2019 requesting information under the Official Information Act 1982 (the Act). On 31 May 2019 you agreed to a narrower scope, revising the original request to read as follows:

*'a copy of final versions of excel spreadsheets received from external economic consultancies that consider cost options for the zero carbon bill (either included or not included in the below RIS)? Could I also please have any key explanatory cover emails and final version of documents associated with these spreadsheets also.*

*<http://www.mfe.govt.nz/sites/default/files/media/Climate%20Change/regulatory-impact-statement-zero-carbon-bill.pdf>*

*For example, the modelled economic impact and carbon price for net zero GHG, or net zero long lived gas with stabilised short lived gas, from agencies such as NZIER.*

*Please limit this to information received since August 2018.'*

The Ministry for the Environment has identified fourteen documents in scope of your request, as listed in the attached table.

The first document is NZIER's final Stage 2 report. This report is available online at <https://www.mfe.govt.nz/climate-change/climate-change-and-government/economic-modelling>. Thirteen further documents are released in full: a cover email from NZIER and twelve excel spreadsheets with NZIER's final Stage 2 modelling results.

The information released in response to this OIA is part of the wider suite of economic analyses used to support policy advice on a new emissions target. The reports covering the suite of analysis need to be read as a package as they each assess different elements of the challenges and opportunities of the transition. The complete set of analysis is shown in the table overleaf. Appendix 3 of the RIS summarises the findings across all reports.

The NZIER modelling results reflect the upper range of cost estimates of targets, as they do not incorporate opportunities identified in the qualitative studies. These include the benefits of avoiding climate damage if the rest of the world acts too, additional innovation with innovation spillovers, and co-benefits to wider health and environmental outcomes.

*The suite of economic analyses used to support policy advice on a new emissions target*

CHALLENGES	Emissions prices	Whole-of-economy modelling Bottom-up modelling	NZIER Stage 2 2018 NZIER Stage 1 2018 CMV Stage 2 (co-commissioned with Productivity Commission) CMV Stage 1 (co-commissioned with Productivity Commission)
	Economic growth and other macro-economic impacts	Whole-of-economy modelling	NZIER Stage 2 2018 NZIER Stage 1 2018
	Competitiveness challenges	Economic analysis of EITE sectors	Sense Partners, 2018
OPPORTUNITIES	Avoiding damages caused by climate change	Short review of relevant literature	<i>See summary of research in</i> Ministry for the Environment, 2018, Synthesis of economic impacts
	Innovation opportunities	Economic analysis and review of the international literature	Ministry for the Environment, 2018 Emissions pricing impact on innovation and competitiveness: A review of the international literature Sense Partners, 2018
	Wider co-benefits	Review of relevant literature	Ministry for the Environment, 2018, The co-benefits of emissions reduction: An analysis

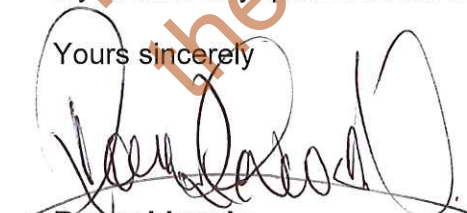
The target itself does not determine how the transition will be managed. Policy choices and actions by governments, businesses and households, will all play a part in how this transition evolves. There is therefore no immediate impact from these decisions on the cost of living, and the government will have a number of tools to manage the distributional impacts of higher price paths.

The Concept, Motu, Vivid (CMV) spreadsheets and reports (co-commissioned by the Productivity Commission and the Ministry) were provided to the Ministry before August 2018 and so do not fall within the scope of this OIA. You may wish to note that the CMV reports are already online at both the Ministry and the Productivity Commission's websites, and the Productivity Commission has previously shared the underlying spreadsheets upon request.

Please note that due to the public interest in our work the Ministry for the Environment publishes responses to requests for official information on our website on our [OIA responses page](#) shortly after the response has been sent.

If you have any queries about this, please feel free to contact our Executive Relations team.

Yours sincerely



**Roger Lincoln**  
Director, Climate

### List of documents

Document no.	Document date	Content	Decisions	OIA sections applied
1	9 November 2018	Report: Economic impact of meeting 2050 emissions targets Stage 2 modelling - final report revised 9 Nov 2018	Available online at <a href="http://www.mfe.govt.nz/climate-change/climate-change-and-government/economic-modelling">www.mfe.govt.nz/climate-change/climate-change-and-government/economic-modelling</a>	
2	18 October 2018	Email: Final set of NZIER Stage 2 modelling results spreadsheets, from John Ballingall	Released in full	N/A
3	18 October 2018	Spreadsheet: A-Mod final results.xlsx	Released in full	N/A
4	18 October 2018	Spreadsheet: BF50 final results.xlsx	Released in full	N/A
5	18 October 2018	Spreadsheet: BF75 final results.xlsx	Released in full	N/A
6	18 October 2018	Spreadsheet: BNF50 final results.xlsx	Released in full	N/A
7	18 October 2018	Spreadsheet: BNF75 final results.xlsx	Released in full	N/A
8	18 October 2018	Spreadsheet: C(Wide) 30Mt final results.xlsx	Released in full	N/A
9	18 October 2018	Spreadsheet: C(Wide) 40Mt final results.xlsx	Released in full	N/A
10	18 October 2018	Spreadsheet: C(Wide)80%-Int-\$150 final results.xlsx	Released in full	N/A
11	18 October 2018	Spreadsheet: Forestry and processing impacts final results.xlsx	Released in full	N/A
12	18 October 2018	Spreadsheet: Industry value added summary final results.xlsx	Released in full	N/A
13	18 October 2018	Spreadsheet: NZIER final results summary across scenarios.xlsx	Released in full	N/A
14	18 October 2018	Spreadsheet: SQ final results.xlsx	Released in full	N/A

Note: due to file size and formatting, please email [ministerials@mfe.govt.nz](mailto:ministerials@mfe.govt.nz) for copies of the attachments

Released under the provision of  
the Official Information Act 1982