



OFFICE OF THE PARLIAMENTARY BUDGET OFFICER
BUREAU DU DIRECTEUR PARLEMENTAIRE DU BUDGET

2 May 2019

The Honourable Catherine McKenna, Minister
Environment and Climate Change Canada
200 Sacré-Coeur Boulevard
Gatineau, QC
K1A 0H3

ec.ministre-minister.ec@canada.ca

Information Request: IR0421

Dear Minister McKenna:

As you are likely aware, the Parliamentary Budget Officer (PBO) provides independent and non-partisan analysis to the Senate and to the House of Commons about matters related to the nation's finances and the economy, the estimates, certain other documents government documents and the cost of proposals. In carrying out my mandate, I often require information held by government departments and Crown corporations and I am entitled to free and timely access – subject to limited exceptions – to such information under section 79.4 of the *Parliament of Canada Act*.

I am currently undertaking an analysis pursuant to paragraph 79.2(1)(b) of the *Parliament of Canada Act*, which mandates the PBO to prepare reports on matters of particular significance relating to the nation's finances or economy that are listed in an annual work plan.

For this analysis, I am requesting the following information:

- In electronic format, the actual and projected CO₂, N₂O and CH₄ emissions for Canada (2011-2030) by 75 economic sectors. More specifically, I would like such emissions for both the Reference Case, and the Additional Measures Case in the report entitled, "Canada's greenhouse gas and air pollutant emissions projections: 2018" for the sectors defined in attached Appendix A. In addition, I would like the projections of GDP and population used for those scenarios.

In order to provide the analysis to parliamentarians in a timely manner, I ask the information be provided to my office no later than **9 May 2019**. If access to the requested information cannot be granted by that date, a response must be provided by you or your deputy minister as soon as possible.

Should you or your staff have any questions about this information request, the analyst responsible, Philip Bagnoli can be contacted directly at Philip.Bagnoli@parl.gc.ca, 613-286-2687.

Attached is a reply form. It too should be filled out and returned by 9 May 2019, whether or not you provide access to the requested information. Should you refuse to provide access to the requested information, you or your deputy minister must provide a written justification for the refusal as required under section 79.41 of the *Parliament of Canada Act*.

The response letter will be posted on the PBO website and, therefore, it should not be marked "confidential". As well, the requested information should be attached separately. If this information is confidential, please clearly mark it as such, either on the electronic spreadsheet or the hard copy version.

Providing timely and effective analysis to the Senate and House of Commons and promoting greater budget transparency and accountability are the PBO's primary objectives. The degree to which this is possible depends, to a large extent, on free and timely access to quality information held by government departments. In doing so, you are assisting us in better serving the Senate, the House of Commons, and their members.

Yours sincerely,



Yves Giroux
Parliamentary Budget Officer

c.c.: Antoine Brunelle-Côté, Privy Council Office, Assistant Secretary to the Cabinet,
Liaison Secretariat for Macroeconomic Policy
Stephen Lucas, Deputy Minister, ECCC

Attachment: Annex A
Reply form for IR0421

IR0421_ECCC_Actual and Projected_GHG emissions_Appendix_A_EN

In electronic format, the actual and projected CO₂, N₂O and CH₄ emissions for Canada (2011-2030) by 75 economic sectors. More specifically, I would like such emissions for both the **Reference Case**, and the **Additional Measures Case** in the report entitled, "Canada's greenhouse gas and air pollutant emissions projections: 2018" for the sectors defined in Appendix A. In addition, I would like the projections of GDP and population used for those scenarios.

Appendix A

Detailed Sectors	Detailed Sectors	Detailed Sectors
1 Single Family	26 CSS Oil Sands	51 Other Non-Metallic
2 Multi Family	27 Oil Sands Mining	52 Fabricated Metals
3 Other Residential	28 Oil Sands Upgraders	53 Machines
4 Wholesale Trade	29 Iron Ore Mining	54 Computers
5 Retail Trade	30 Non-Metal Mining	55 Electric Equipment
6 Warehousing and Storage	31 Other Metal Mining	56 Transport Equipment
7 Information and Cultural Industries	32 Pulp and Paper Mills	57 Other Manufacturing
8 Offices	33 Petrochemicals	58 Coal Mining
9 Educational Services	34 Industrial Gas	59 Construction
10 Health Care and Social Assistance	35 Other Chemicals	60 Forestry
11 Arts, Accommodation, Food, Other	36 Fertilizer	61 Solid Waste
12 Natural Gas Distribution	37 Cement	62 Waste Water
13 Oil Pipelines	38 Lime & Gypsum	63 Incineration
14 Natural Gas Pipelines	39 Iron & Steel	64 On Farm Fuel Use
15 LNG Production	40 Aluminum	65 Crop Production
16 Petroleum Products	41 Other Nonferrous Metal	66 Animal Production
17 Light Oil Mining	42 Food & Tobacco	67 Passenger
18 Heavy Oil Mining	43 Textiles	68 Freight
19 Frontier Oil Mining	44 Apparel	69 Air Passenger
20 Conventional Gas Production	45 Lumber	70 Air Freight
21 Unconventional Gas Production	46 Furniture	71 Foreign Passenger
22 Sweet Gas Processing	47 Printing	72 Foreign Freight
23 Sour Gas Processing	48 Rubber	73 Residential Off Road
24 Primary Oil Sands	49 Leather	74 Commercial Off Road
25 SAGD Oil Sands	50 Glass	75 Utility Electric Generation