

DRAFT COMMITMENT  
CLIMATE CHANGE AND SUSTAINABLE GROWTH<sup>iii</sup>

PROBLEM TO BE ADDRESSED

**Problem Statement:** Citizens and civil<sup>iii</sup> society raised the need for government to better communicate and engage with citizens on its decisions and progress on climate change and sustainable development.

**Background:** Canadians are increasingly concerned<sup>iv</sup> about climate change and discussions on the post-COVID-19 recovery have put an onus on building back with environmental considerations in mind. Governments, the business community and citizens seek to make informed decisions to contribute to the reduction of our greenhouse gas emissions, mitigate against climate risk and modifications<sup>v</sup> to our natural and human environments, and adapt to climate change. Many initiatives, such as the annual [Synthesis Report on the Pan-Canadian Framework on Clean Growth and Climate Change](#); the [Federal Sustainable Development Strategy](#); and [Canada's Strengthened Climate Plan](#), provide information to citizens on progress on fighting climate change. By enhancing access<sup>vi</sup> to detailed, reliable, accessible and timely climate and environmental science, information and data, the Government of Canada will help other<sup>vii</sup> levels of governments, businesses and citizens<sup>viii</sup> better understand climate change and its impacts on our<sup>ix</sup> ecosystems<sup>x</sup>. It will help those actors take this into account in their decision-making in order to make more informed decisions and, overall, help build resiliency to climate change. <sup>xi</sup>

For additional information on what we heard from Canadians and Civil<sup>xii</sup> Society, as well as on international best practices, please read this [thematic background](#).

COMMITMENT TITLE:

Climate Change and Sustainable Growth

LEAD DEPARTMENTS:

1. Environment and Climate Change Canada
2. Natural Resources Canada
3. Statistics Canada

MILESTONES AND INDICATORS

1. **Milestone:** Through the [Open Science and Data Platform](#), make **information related to<sup>xiii</sup> cumulative effects**, including climate change and sustainable growth, easier for Canadians to find and understand.

**Indicators:**

- 1.1 Add content and features to the [Open Science and Data Platform](#) (content and features will be added at minimum, twice annually throughout FY 2021, 2022 and 2023)
- 1.2<sup>xiv</sup> Provide educational content in accessible language<sup>xv</sup> on 10 key topics (air, biodiversity, climate, cumulative effects, development activities, economy and industry, health, land, society and culture, and water), which may be supported by interactive maps (minimum of 10 educational content pages by 2023)

- 1.3. Engage with government<sup>xvi</sup> and external groups (e.g. Indigenous<sup>xvii</sup> Peoples, industry, environmental non – government organizations) to verify that cumulative effects are better understood, new content is identified (data, publications) and overall use of the platform is increased (Ongoing engagement throughout project life into 2023, annual reporting)
2. **Milestone:** Improve and expand **information on energy use and greenhouse gas emissions** through the [Physical Flow Accounts](#) as part of the [Canadian Centre for Energy Information](#) (CCEI)

**Indicators:**

- 2.1 Disseminate<sup>xviii</sup> an infographic and datasets<sup>xix</sup> related to greenhouse gas (GHG) emissions embedded<sup>xx</sup> in goods and services purchased by households. Link environmental data on energy consumption and GHG emission [physical flow accounts](#) with economic satellite accounts on tourism, clean technologies, natural resources (by Fall 2021)
- 2.2 Develop an “Energy and Environment” webpage for the [Canadian Centre for Energy Information](#) portal that will include detailed GHG information from both Statistics Canada and Environment and Climate Change Canada, including several data visualization dashboards and indicators (by December 2021)
- 2.3 Link environmental data on energy consumption and GHG emission [physical flow accounts](#) with economic satellite accounts on transportation and agriculture (by March 2022)
- 2.4 Expand the national GHG emission intensities to include estimates for the provinces (by Spring 2022)
3. **Milestone:** Making **climate change science** more open and accessible by yearly<sup>xxi</sup> reporting on progress against existing metrics measuring implementation of open science by Science-Based Departments and Agencies, with a focus on open access metrics and diverse types of open access. The reports will include a new metric that assesses open access of climate change science publication using data from an abstract and citation database

**Indicators:**

- 3.1 New metric to be designed by June 2022
- 3.2 Report and data for reporting year 2022 to be released in the open by June 2022 and by June 2023 for reporting year 2023.
4. **Milestone:** Provide accessible<sup>xxii</sup>, reliable, and practical **climate information** that is needed to support<sup>xxiii</sup> adaptation decision-making and helps Canadians<sup>xxiv</sup> to understand and reduce risks from climate change through the [Canadian Centre for Climate Services](#).

**Indicators:**

- 4.1 Increase the number of clients accessing climate information through [Canadian Centre for Climate Services](#) by 10% by 2023 from 2021 baseline (by March 2023)
- 4.2 Publish two sector-based modules on [ClimateData.ca](#) (by March 2023)

4.3 Respond to at least 300 user enquiries via the [Canadian Centre for Climate Services](#) support desk each year to continue to provide high-level quality of support (by March 2023)

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<sup>i</sup> Posted by Xiaoming Guo on 07/30/2021 at 3:22pm

The format of communication should be Twitter standard. For example, large documents should be decomposed into multiple piecewise tweets so that readers can catch a point in one minute, once at a time, to fit the rapid pace of the information explosion society.

Reply by CD on 08/03/2021 at 3:04pm

That's a great point. Is there a standard template for government or professional tweets? Would something consistent and professional be a benefit?

Something like:

<Finding or Action Taken, 120 of Characters>

<Implication for Canadians, 120 of Characters>

<"For more info, contact...", 40 of Characters>

<sup>ii</sup> Posted by Robert Quine on 07/21/2021 at 4:05pm

This absolutely disgust me on how your class separation model and over taxing the poor because of "climate change" destroying the middle class or the canadian dream by taxing basic necessities of survival is appalling. You politicians should be ashamed of yourselves and the legacy you leave behind, while you continue to do deals with the worlds heaviest polluters (China) and continue to import the worlds dirtiest oil (middle east) makes me sick to my stomach.....only liberal brainwashed children can not see the hypocrisy in this and it's intent. All of you supporting this movement do not represent the people, only yourselves and Agenda 21. You should all be tried for treason.

Reply by Jonathan Brown on 08/07/2021 at 6:49am

Robert, who represents the people then?

<sup>iii</sup> Posted by crown-genocide on 08/04/2021 at 5:53pm

The Truth and Reconciliation Commission reports are clear. The express intent of residential school system was to "civilize" Indigenous children and assimilate them into society.

<sup>iv</sup> Posted by crown-genocide on 08/04/2021 at 2:57pm

extinction concerns us all even the non-citizen indigenous populations.

<sup>v</sup> Posted by crown-genocide on 08/04/2021 at 3:13pm

over 1 billion sea creatures died in the last heat wave....

<sup>vi</sup> Posted by crown-genocide on 08/04/2021

censorship is not access,

<sup>vii</sup> Posted by crown-genocide on 08/04/2021 at 3:01pm

indigenous nationals are not a 4th level of governance... you are squatting and leading genocide on the lands and ecosystem we belong to... cannot eat money...

<sup>viii</sup> Posted by E on 07/20/2021 at 3:07pm

There is still a portion of society who believes that climate change is not happening or is not a result of human action. I am wondering if there should be some reference to getting them on board before proceeding too far without them. Just a thought.

Reply by CD on 07/22/2021 at 11:10am

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This commitment is for communication & engagement (and is not itself a climate policy). In that sense, is this a good way to reach people?

<sup>ix</sup> Posted by crowngenocide on 08/04/2021 at 3:15pm

those ecosystems indigenous people belong to... you do not own this.... its borrowed from future generations never forget that.

<sup>x</sup> Posted by crowngenocide on 08/04/2021 at 3:16pm

indigenous ecosystems... we live here and will long after you are gone.

<sup>xi</sup> Posted by Xiaoming Guo on 07/21/2021 at 11:49am

The key point that is missing is international cooperation. Sustainable development depends on high tech. High tech needs the international market to make business feasible. If we confine our effort within our border, the climate issue becomes a burden for our economy; however, if our R&D has a global market, the climate issue is the driving force for our tech and economic growth. Cooperation with China is a must, as China promised carbon nurture already and has a big market for climate-related tech.

Reply by CD on 07/22/2021 at 10:44am

The problem statement is communicating/engaging citizens; does international trade policy help that?

<sup>xii</sup> Posted by crowngenocide on 08/04/2021 at 5:53pm

The Truth and Reconciliation Commission reports are clear. The express intent of residential school system was to “civilize” Indigenous children and assimilate them into society.

<sup>xiii</sup> Posted by AL on 07/30/2021 at 1:30pm

Consideration should be made on a user-centered approach to providing access to the data and information under the stewardship of the Government of Canada. Would not a SINGLE open data portal be possible for users to access ALL Open Government data and information holdings? From a user perspective, having to mine multiple platforms for information is not efficient, nor does it present a whole perspective of possible data/information available. If a single amalgamated databank is not possible or feasible, then at least creating ONE point of access would facilitate access to the data and information.

<sup>xiv</sup> Posted by Adrian on 07/28/2021 at 4:55pm

The topics at 1.2 must be presented in an integrative fashion. The notion that for example the economy is somehow separate from the other items listed is outdated and this reality should be addressed through the proposed communication materials.

<sup>xv</sup> Posted by crowngenocide on 08/04/2021 at 3:03pm

but not indigenous languages... or scientifically backed literature... just more spoil and pass propaganda

<sup>xvi</sup> Posted by Lynn Heap on 07/30/2021 at 1:42pm

Should Provincial and Municipal governments be mentioned here too? I've been working with BC Parks to provide open data that can support analysis on values and threats; and I see commitments from local governments to provide open data that may support climate change initiatives.

Reply by CD on 08/03/2021 at 3:08pm

Strongly agreed. Local regulators use Federal rainfall intensities for engineering design standards and there is a need for consistent service to share climate-related updates.

<sup>xvii</sup> Posted by crowngenocide on 08/04/2021 at 3:03pm

NATION TO NATION!

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<sup>xviii</sup> Posted by Adrian on 07/28/2021 at 4:57pm

notion of packaging labels would be interesting for future development or exploration with PTs

<sup>xix</sup> Posted by Anu Amaru on 07/29/2021 at 3:46am

Why do judges or magistrate have so much power over us the people? I need to know what law shows me that I can not consent to administration of justice. I can not blame the government or the leaders for agents mistakes however this must stop now...do not allow anyone power over another by admin you will create and have defiant citizens

Reply by Anu Amaru on 07/29/2021 at 3:52am

Public service providers in all level must be transparent else they will intent to create harm and mental health damages which the state or whom they work for or liable...therefore all agents principal citizens that creates any harm can not be immune and we must not leave one person/ individual concern or complaint unanswered

<sup>xx</sup> Posted by crowngenocide on 08/04/2021 at 3:10pm

how many micro plastics are in the fish?

<sup>xxi</sup> Posted by AL on 07/30/2021 at 2:04pm

...by reporting annually on...

<sup>xxii</sup> Posted by CD on 07/22/2021 at 11:16am

Can you confirm this will include forward-looking design basis, including temperatures, winds, and design storms (IDF)? Engineers rely on these for design and would benefit from having standards reflecting future (rather than just historic) conditions.

Reply by Jonathan Brown on 08/07/2021 at 7:22am

Good point about standards and the timeframe used by engineers to plan big infrastructure projects.

<sup>xxiii</sup> Posted by Lynn Heap on 07/30/2021 at 1:51pm

Current policies incentivize agriculture and affordable housing so I am seeing a depressing amount of land clearing and mono-culture in my area. I don't know if, or how Open Government can support this but I wish policies could include incentives for biodiversity and native species.

Reply by AL on 07/30/2021 at 2:14pm

Through open and transparent access to information and data, the Government has a duty to demonstrate its efforts in addressing climate change. "Incentivizing" the protection and rehabilitation of biodiversity, adoption of natural solutions (i.e., protecting biodiversity), green energy solutions, should be part of the policy suite created to address and mitigate the impacts of climate change. Establishing more protected areas, both on and in marine environments, and finding solutions to address fragmentation and increase protected green spaces in urban settings will pay dividends in our ability to curtail increasing GHG... Natural carbon sequestration solutions are key -- wetlands, coastal marshes, bogs, peatlands... of these are major carbon sinks and under varying degrees of threat due to exploitation. We need to protect these spaces!

<sup>xxiv</sup> Posted by crowngenocide on 08/04/2021 at 5:54pm

and indigenous non citizens

<sup>xxv</sup> Posted by Basics is back on 07/22/2021 at 11:06am

Open comments means not putting words into our mouth. We are able to add to this dialogue with your scripting. You can add my words as long as the complete content is used. I believe the corporate businesses have gotten away with to much say for to long. In a democracy our government is with the people by the people for the people. Big business is leading our government, our advertising, and not allowing enterprenieur ship to lead naturally.

Reply by Jonathan Brown on 08/07/2021 at 7:14am

What does entrepreneurship's "leading naturally" look like?