e-Doc 7073162 (PPTX) e-Doc 7122610 (PDF)

GOVERNMENT OF CANADA: OPEN GOVERNMENT INFORMATION BRIEF TO THE COMMISSION

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Information brief to the Commission on Open Government

- Federal Open Government Commitments and Approach
- Open Government and the CNSC
- Focus Area: Environmental Protection Open Government Activities
- Lessons Learned
- Conclusion



International Open Government Partnership

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- Global multilateral initiative launched in 2011
- Currently 76 nations with an International Steering Committee
- Partnership with government, civil society and the private sector
- Focuses on transparency, accountability, integrity and citizen participation



opengovpartnership.org



Federal Government of Canada (GoC)

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Key Government of Canada Commitments

- 2012: Canada Joined international initiative
- 2014: Issued <u>Directive on Open Government</u>
- 2018-2019: Co-chaired International Steering Committee
- 2019: Hosted <u>International Open</u> <u>Government Partnership Summit</u>
- 2022: Published most recent Canadian <u>"National Action Plan on Open Government</u> <u>2022–24</u>"



GoC Global Partnerships

- OECD Working Party on Open Government
- OECD Expert Group on Open Government Data
- International Open Data Charter



Federal Government of Canada (GoC)

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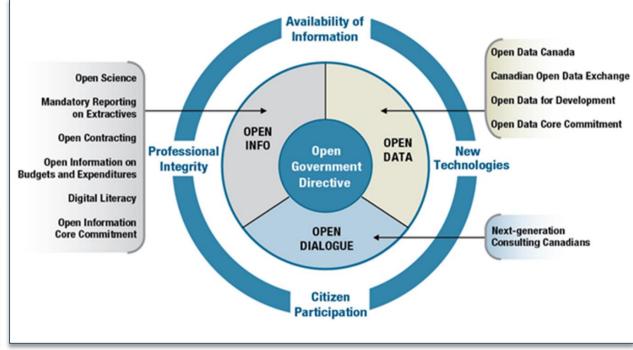
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GoC Open Government Portal (OGP)

Based on Three Pillars

- Open Dialogue
- Open Information
- Open Data







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GoC Directive on Open Government requires each Department to:

- Maximize the release of GoC open data and open information
- Ensure that open data and open information is released in accessible and reusable formats
- Maximize the removal of access restrictions (security identification and categorization)
- Integrate open government requirements into the support of the delivery of programs and services



Core Principle: Open by Default



Open Science and Data Platform (OSDP)

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- **Supports:** Impact Assessment Act mandate on cumulative effects
- Created by: Natural Resources Canada
- Goal: Provide a user-friendly interface for searching and retrieving data and science related to cumulative impacts, impact assessments, strategic assessments and regulatory processes
- Launched: March 2021 and provides access to over 146,000 records

| Government Gouvernement of Canada du Canada | Search Canada.ca |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|
| MENU 🗸 | |
| <u>Canada.ca</u> | What's new Contact us Tell us what you think! |
| Open Science and Data Platform | |
| The Open Science and Data Platform provides access to science, data, publications and information about development activities across the country that can be used to understand the cumulative effects of human activities to support better decisions in the future. | |
| Start your search: | |
| Search by keyword(s) e.g. emission "air quality" or by location e.g. "Cold Lake" | Search by location using the interactive map |
| Q | Explore by area |
| Tips for searching and navigating the Platform | |
| The Press | |
| Latest news: | |
| Canada Energy Regulator – BERDI (Biophysical, Socio-Economic, and Region New Northern Ontario content collection New video: Take a quick tour of the Platform1 New video: What are cumulative effects2 | al Data and Information for globine projects |
| The Open Science and Data Platform provides access to thousands of records of about development activities. New information is added as we engage with addi | |
| Find out more about the Open Science and Data Platform. | |
| Find out more about the <u>Open Science and Data Platform</u> . | |
| Find out more about the <u>Quen Science and Data Platform</u> . Report a problem or mistake on this page | |

https://osdp-cumulative-effects.canada.ca/osdp/explore

OPEN GOVERNMENT AND THE CNSC

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CNSC is extensively involved in activities definable as Open Government

CNSC Website

(Over 12,000 PDFs and Web Pages)

- Proactive Disclosure (~1,400 summaries)
- YouTube (~300 videos/webinars)
- Open Government Portal (OGP) (27 records)
- Open Science and Data Platform (OSDP) (2 content collections with 8 datasets)







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- The CNSC's mandate is to "disseminate objective scientific, technical and regulatory information to the public"
- As per the GoC Open Government Directive, the CNSC is expanding our reach to the greater Canadian public
- Guiding principle is to share the most valuable information in most cost-effective manner
- Key for CNSC is an effective set of criteria to make these decisions
- Prioritization on using existing Open Government digital spaces to support newly proposed projects

Leveraging existing Open Government digital spaces for new projects is proposed as the most efficient means of increasing public access to information/data





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Example: Darlington New Nuclear Project – Open Information

- CNSC committed to proactively sharing information that is publicly available for this project on the <u>Open Government Portal</u>
- Types of information shared:
 - Hyperlinks to licence application and pre-licensing submissions posted on OPG's website
 - Formal communications between the CNSC and OPG including finalized information requests from CNSC staff and OPG responses
 - Comments received by the CNSC from the public, Indigenous Nations and communities, and other government departments and agencies, submitted through the formal comment periods on the licensing process
 - Communications from the public, Indigenous Nations and communities, non-government organizations (NGOs) and others directly tied to DNNP

CNSC Future Approach:

Review and refine the use of the Open Government Portal for new projects to increase public access to information and data

FOCUS AREA: ENVIRONMENTAL PROTECTION OPEN GOVERNMENT ACTIVITIES

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Environmental Protection Open Government Activities are primarily completed under:

- The CNSC's mandate to "disseminate objective scientific, technical and regulatory information to the public"
- Response to specific Commission or stakeholder requests
- Support to CNSC Strategic Initiatives
 - Trusted Regulator
 - Indigenous Consultation and Engagement
 - CNSC Accessibility Plan





Environmental Protection Open Government Activities (14

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CNSC leverages the OGP and OSDP in the following ways:

| Existing Activities | Open Info (OI) Open Data (OD) | OGP | OSDP | Additional Details |
|-----------------------------------------------------------------------------------------|----------------------------------|--------------|--------------|-----------------------------------------------------------------------------------------------------------------------|
| Independent Environmental Monitoring Program (IEMP) | OI/OD | \checkmark | \checkmark | Annually updated |
| Radionuclide Release Database | OI | \checkmark | \checkmark | Annually updated |
| Activities Under Development | | | | |
| Environmental Protection Review (EPR) Reports | OI | ~ | FY23/24 | Creating accessible PDF versions of existing reports |
| CNSC Affiliated (authored) Peer-Reviewed Scientific Publications | OI | FY23/24 | FY23/24 | To be posted as part of the OSDP Fall release |
| CNSC Regulatory Environment Databases | OD | FY23/24 | FY23/24 | Environment Databases for facilities located near the Ottawa River watershed |
| Future Activities | | | | |
| CNSC Partnership Projects Related to Regional Information and Monitoring Initiatives | OI/OD | FY24/25 | FY24/25 | Opportunity to share content collections and their datasets including parameter trending and geospatial mapping |

Independent Environmental Monitoring Program (IEMP) $^{(15)}$

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Objective:

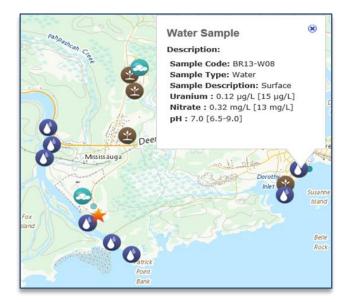
Build Indigenous and public trust via an independent, technical and accessible environmental sampling program around nuclear facilities

Accessible through:

- IEMP data resides on OGP and OSDP
- Also hosted on the CNSC <u>website</u> and geospatially mapped

CNSC Action:

Annually update datasets with new sampling results



Example of Geospatial Mapping on CNSC website



Radionuclide Release Database



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Includes:

Datasets on radionuclide releases to the environment from CNSC licensed facilities

Accessible through:

- Resides on Open Government Portal
- Linked to by CNSC and National Pollutant Release Inventory (<u>NPRI</u>) websites
- Geospatially mapped and resides on OSDP

CNSC Action:

- Annually update datasets with new release data
- FY23/24 objective to expand postings and include a new category containing environment databases for facilities located near the Ottawa River Watershed

| < Share link | All | Datasets | Content | | | | |
|-----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|------------------------|---------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|
| Export results | (8) | (7) | (1) | | | | |
| Filters | Order By: Keyw | ord Relevance + | | Items per page: 10 * 1 - 8 of 8 | I< < > > | | |
| Geographic Location | Radionuclide | Release Datase | ets | | Content Collections | | |
| Mappable Content | | The Canadian Nuclear Safety Commission (CNSC) is publishing total annual releases of | | | | | |
| Provinces & Territories | radionuclides rel | radionuclides released directly to the environment from nuclear facilities. Q Map Area | | | | | |
| Topic | , Contributor: | | | | | | |
| Refined Topic | | Published: 2019-11-08 | | | | | |
| Development Category | , | | | | 1. Sector Control of C | | |
| Contributor Organization (1) ' | Radionuclide | Releases - Nucl | ear Power Pla | nts / Direct Discharge | Datasets | | |
| Canadian Nuclear Safety g Commission | This dataset contains the total annual releases of radionuclides released directly to the environment through direct discharge (i.e. releases to water) of the nuclear power plants in Canada. | | | | | | |
| Contributor System | - Canada. | | | | 10 | | |
| Published Date | This original radi | This original radionuclide releases dataset more | | | | | |
| Public Availability | Contributor: | Contributor: Canadian Nuclear Safety Commission, Federal Geospatial Platform (FG | | | | | |
| Content Type | Published: | 2019-11-08 | | | | | |
| File Format | , | | | | | | |
| Language | Radionuclide | Releases - Nucl | ints / Stack Emissions | Datasets | | | |
| | This dataset contains the total annual releases of radionuclides released directly to the environment through stack emissions of the nuclear power plants in Canada. | | | | Information Add to Map | | |
| | This original radionuclide releases dataset of the nuclear power plants more | | | | | | |
| | Contributor: Published: | Canadian Nu 2019-11-08 | uclear Safety Com | nmission, Federal Geospatial Platform (FGP) | | | |

Example of Radioactive Release Datasets on OSDP



Environmental Protection Review (EPR) Reports (17

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FY 23/24 Objective:

Incorporation of EPR Reports in OSDP and address stakeholder requests to provide accessible PDFs

Based on:

Science and technical assessment conducted by CNSC staff for all major licensed facilities

CNSC Action:

 Systematic review of existing EPR reports to make them accessible as PDFs



Environmental Protection Reviews - Canadian Nuclear Safety Commission



CNSC Staff Authored Peer-Reviewed Scientific Literature



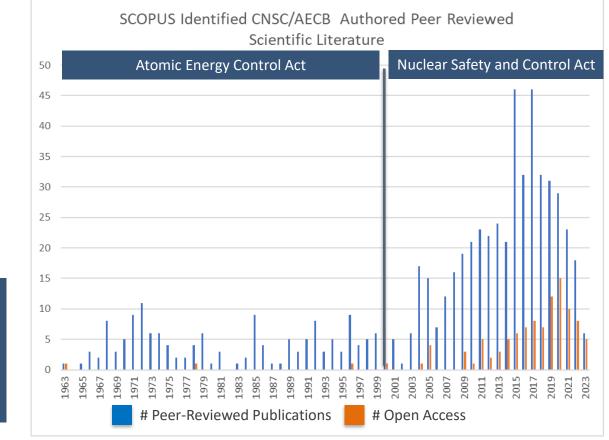
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FY 23/24 Objective:

Post curated publications database to OGP and OSDP

- **487 papers** published since NSCA
- CNSC internal policy promoting Open Access publishing

NSCA period: ~ 23% of papers published open access 2018 – present: ~47% published open access



LESSONS LEARNED AND CONCLUSION

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- Responding to open-by-default expectations in a way that respects accessibility and official languages needs
- Requires a strategic approach to identifying Open Information (OI) and Open Data (OD) priorities
- Requires time to:
 - Understand that different platforms and software can have different publishing processes
 - Build expertise in data management and internet based interactive digital environments
 - Develop modern digital reporting and data management procedures

Key Lesson: Post and improve rather than seek perfection and delay



Conclusion

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In conclusion, the CNSC:

- Continues to be extensively involved in activities identifiable as Open Government
- Is leveraging existing Open Government platforms as an efficient and cost-effective way to reach the greater Canadian public
- Has identified Open Government platforms as tools that can be used to support newly proposed projects



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Appendix A: CNSC Presence on the Open Government Portal Compared to Selected Government Departments



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| Department* | Total | Open Data | Open Information |
|------------------------------------------------------------------------------------------------------------|-----------------|-----------------|-------------------------|
| Canadian Nuclear Safety Commission | <mark>28</mark> | <mark>15</mark> | <mark>13</mark> |
| Canadian Securities Intelligence Service | 18 | 17 | 1 |
| Impact Assessment Agency of Canada (since 2019) | 53 | 2 | 51 |
| Canada Energy Regulator | 73 | 61 | 12 |
| Innovation Science and Economic Canada | 80 | 73 | 7 |
| Communications Security Establishment Canada | 153 | 17 | 136 |
| Canadian Food Inspection Agency | 194 | 175 | 19 |
| Transportation Safety Board | 252 | 8 | 244 |
| Fisheries and Oceans Canada | 563 | 534 | 29 |
| Environment and Climate Change Canada | 967 | 966 | 1 |
| Health Canada | 2036 | 80 | 1982 |
| Statistics Canada | 8888 | 8859 | 29 |
| Natural Resources Canada Amongst world leaders in OD; Manager of OSDP for IAA | 10048 | 10029 | 19 |

*No correction for organization size. Data based on OGP as of May 2023. CNSC data updated as of August 2023.



Appendix B: CNSC Open Information/Data on Open Government Portal



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|-----------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|--------------------------------------------|--|--|
| | Document/Dataset | Classification/Location | | | |
| Notification of | f completed ATI summaries | OC – ATIP/Proactive disclosure | | | |
| Presidential b | riefing note titles and numbers | OC – Briefings/Proactive disclosure | | | |
| Fees Report fo | or the CNSC - fiscal 2018/19 | OGP/CNSC - Proactive disclosure | | | |
| Fees Report fo | or the CNSC – fiscal 20192/20 | OGP/CNSC - Proactive disclosure | | | |
| Administrative | e Monetary Penalties | OD – OGP/CNSC Website | OC = Open Canada | | |
| Sealed Source | Tracking System | OD – OGP/CNSC Website | OGP = Open | | |
| Lost, Stolen ar | nd Found Sealed Sources and Radiation Devices | OD – OGP/CNSC Website | Government Portal | | |
| Environmenta • <u>Cluff lake</u> | w Nuclear Project - Information and Reports Il Protection Review Reports (8 and increasing): e ake Operations | | OI = Open Information OD = Open Data | | |
| McArthu Key Lake Darlingto Cameco SRB Tech Point Lep | and Operations ar River Operations con Waste Management Facility Fuel Manufacturing Inc. Innologies preau Nuclear Generating Station y Blind River Refinery | OI – OGP/CNSC Website | | | |
| Independent E | Environmental Monitoring Program (annually updated) | OD – OGP/CNSC Website | | | |
| Radionuclide F | Release Datasets (annually updated) | OD – OGP/CNSC Website | | | |
| CNSC Regulate | ory Environment Databases (Ottawa River Watershed) | OD - OGP | | | |

Appendix C: Video Tour of the OSDP

