

Canada's Open Science and research data are shifting towards greater openness. Rated second by the Open Data Barometer and current Chair of the Open Government Partnership (OGP) Steering Committee - the leading international body for Open Government - Canada occupies a place of leadership in the global effort to transform science and research into meaningful results for all. Open Government seeks to unleash the flow of information and deepen participation so that citizens can interact with other knowledge generators and decision-makers. With Open Government, Canadians are also able to find and use Government of Canada information and data to enhance accountability, facilitate value-added analysis, and drive socio-economic benefits through reuse. Open Science is one of the Open Government Commitments to the OGP and translating scientific evidence into decisions is a government priority. Multiple other jurisdictions in Canada have embarked in opening up their information and data for widespread benefit and key convenors such as Research Data Canada recognize that the vast quantities of data produced by Canadian governments and publicly funded researchers hold enormous potential for additional discovery and innovation.

However, unleashing the full usage of these data by researchers, industry, policy makers, and civil society depends on the proper management, presentation and communication. Canada's complex landscape of governance, influence, interest and information calls for a multi-pronged approach to optimize Open Science and the effective treatment of research data. With such examples as the Montreal Neurological Institute announcing its journey to become the first Open Science institution in the world, and the Canadian Astronomy Data Centre having accrued considerable experience in meshing data gathering systems with users for increased uptake, Canada has many stories to share.

The co-presenters (Research Data Canada, Treasury Board Secretariat of Canada, other governmental representatives) propose to engage conference participants in a picture of the current scenario in Open Science and research data and offer 2-4 examples of use cases and best practices in implementation and partnerships.