

Strengthening the Data Community

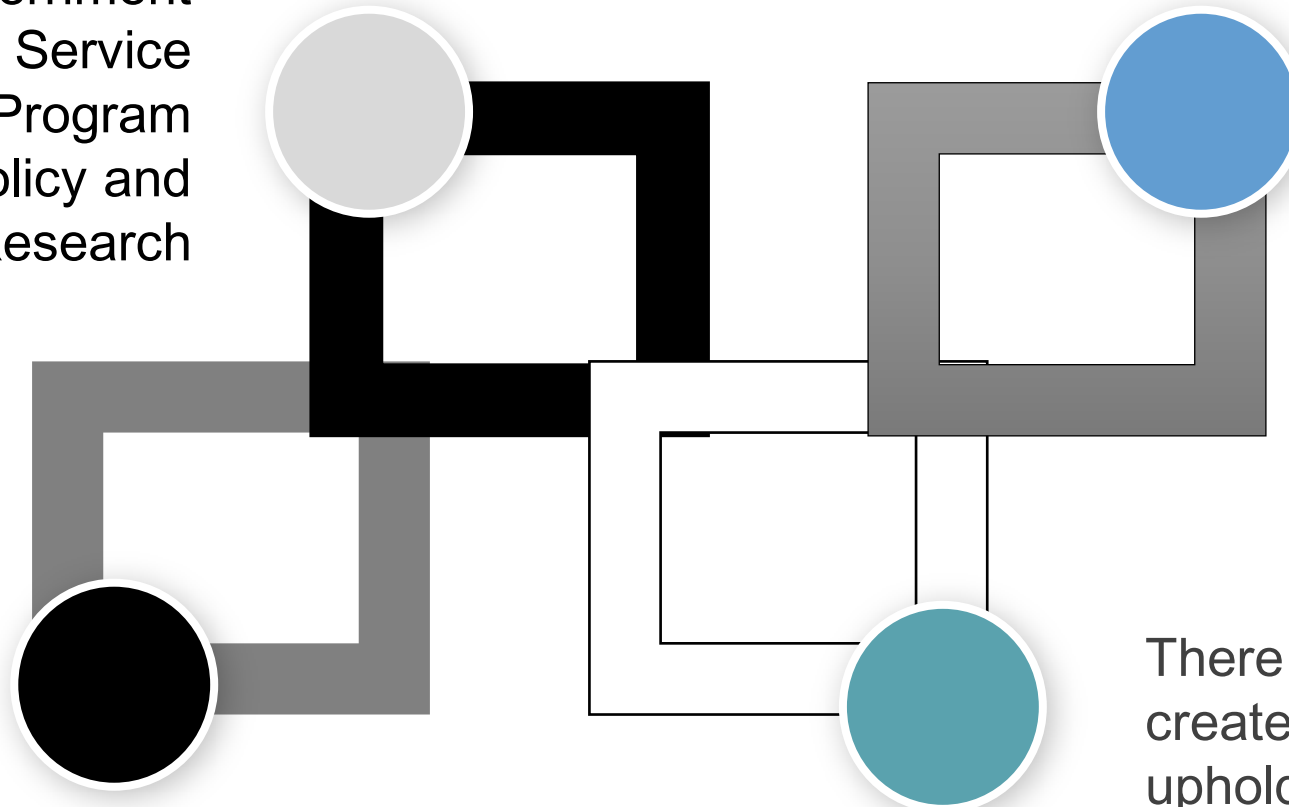
For discussion

CONTEXT

Global data is exploding as are new analytical techniques

Data is dynamic and underpins everything in the Government of Canada from Service Delivery to Program Development to Policy and Research

An opportunity exists to support active interest among data practitioners across government

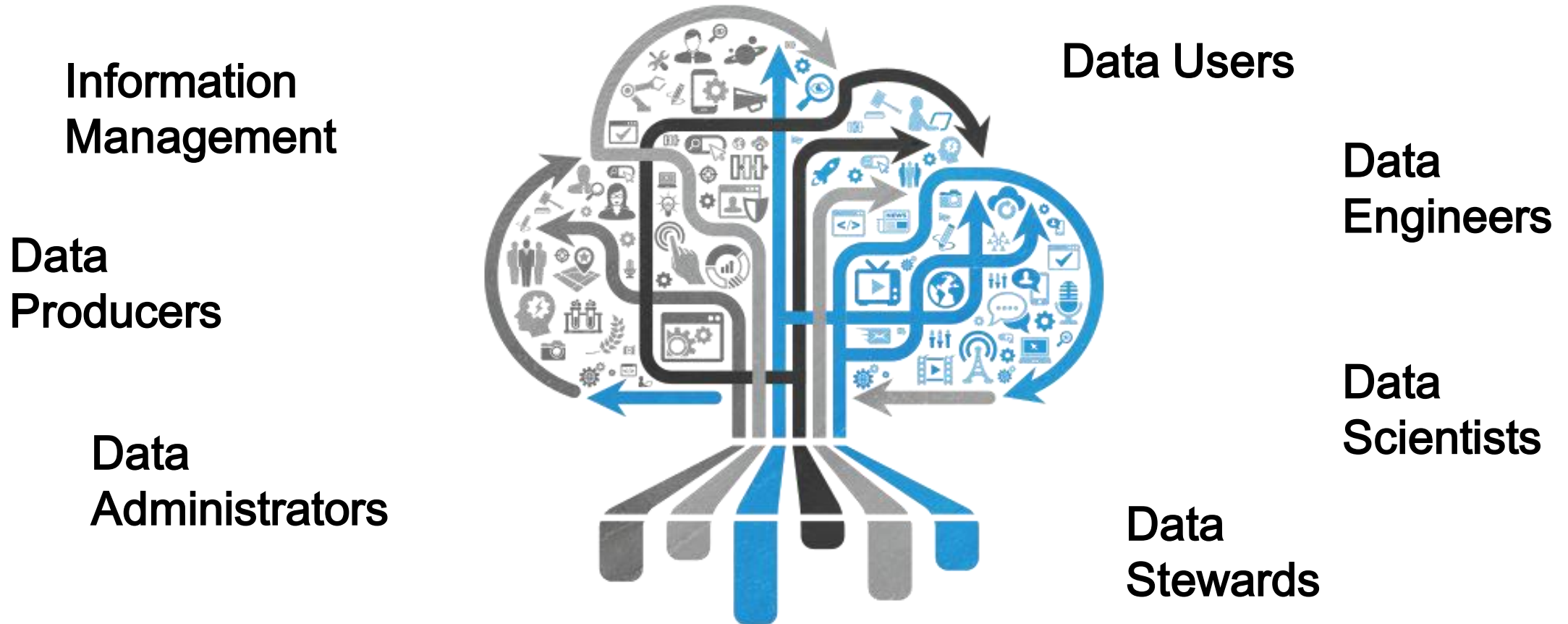


Global data is exploding as are new analytical techniques

There is great potential to create public value while upholding obligations to Canadians

CONTEXT

The data community within the Government of Canada is broad and complex, encompassing and touching upon many different areas of the public service



Recognizing the breadth and diversity of this community is essential



**The Data Community
Partnership Office
(DCPO)**



PROPOSED DATA COMMUNITY PARTNERSHIP OFFICE (DCPO)

The DCPO will be housed at the Canada School of Public Service (CSPS) and will be mandated to support the entire Government of Canada's data community.

Five streams of work have been identified:

- 1 Support and Convene data practitioners
- 2 Learning and Professional Development
- 3 Strengthen existing Communities of Practice
- 4 Advocate and Inform Ethical Data Standards and Practices
- 5 Co-Host the Annual Government of Canada Data Conference



GUIDING PRINCIPLES

Data is everywhere, data is everything...our jobs as civil servants are changing. The skills that we have now are not the skills that we are going to need to serve Canadians in the years ahead.”

— Taki Sarantakis, President, Canada School of Public Service @ 2020 Data Conference

Foundational Principles leading to **success**:

STEWARDSHIP	HORIZONTAL	FORWARD LOOKING	OPEN & COLLABORATIVE
Promote responsible data governance and information management, including privacy, security and accountability for data	Focus on the collective good, sharing across organizations, being community driven	Innovate and support the emerging data landscape, applying the digital standards	Work in partnership to support the efforts of existing government systems and departmental data strategies Open Government Open Data Open by Default



FIRST YEAR OBJECTIVES

2020-2021



Build a strong foundation at CSPA through support of partner departments/agencies

How we measure success:

- ✓ Number of MOU Signatories

Outreach and engagement with data practitioners and experts from across the GoC

How we measure success:

- ✓ Number of Interdepartmental Meetings and Engagement Sessions
- ✓ Number of public servants join online community and mailing list

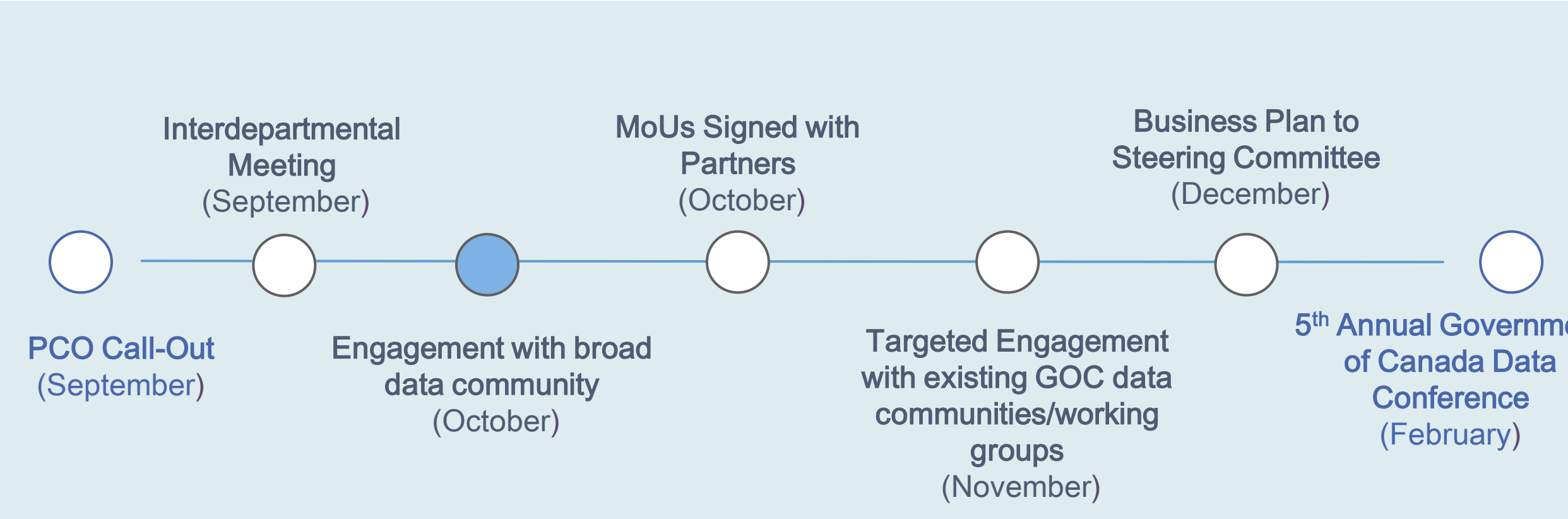
Develop online community presence and learning opportunities for data practitioners

How we measure success:

- ✓ Number of mentions on social media
- ✓ Number of participants in events
- ✓ Number of participants in virtual conference



TIMELINE 2020-21





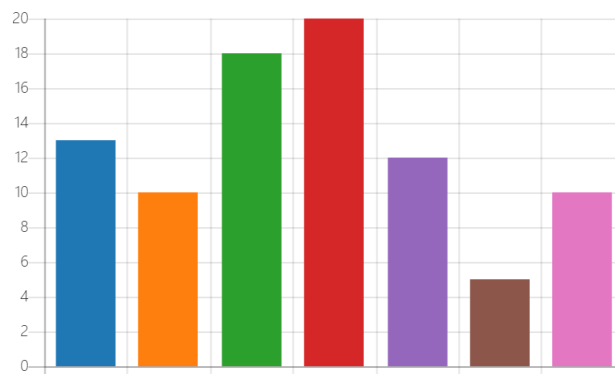
INITIAL FEEDBACK FROM ENGAGEMENT

October 13 Engagement Session

1. What areas of support are the most important to public servants working on data within your organization?

[More Details](#)

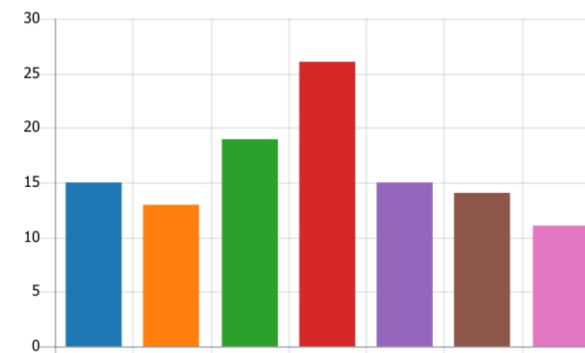
- Online resources 13
- Job aids 10
- Data collaboration space 18
- Skill development 20
- Learning events 12
- On the job opportunities 5
- Recruitment of new talent 10



October 21 Engagement Session

1. What areas of support are the most important to public servants working on data within your organization?

- Online resources 15
- Job aids 13
- Data collaboration space 19
- Skill development 26
- Learning events 15
- On the job opportunities 14
- Recruitment of new talent 11





DATA COMMUNITY POLL QUESTIONS

1. What areas of support are the most important to public servants working on data within your organization?
 - (Online resources, job aids, data collaboration space, skill development, learning events, on the job opportunities, recruitment of new talent)
2. We have identified the following streams of work for the new Data Community. Which of these are of greatest importance to your department?
 - (Support and convene data practitioners, learning and professional development, strengthen existing Communities of Practice, Co-host the Annual Government of Canada Data Conference)
3. What do you need most to build a data culture within your organization?
4. Do you see additional objectives for the Data Community?

GC Data Universe




Other Related Communities

Information Management
Access to Information , Privacy

Data Analytics WG,
Metadata WG
Digital Preservation WG
Artificial Intelligence, Policy,
Evaluation, Service Delivery,
Innovation, Experimentation Works
Other.....




Open Government



External to GC
International, Academia, NGO's, Industry

Data Governance &
Data Quality WGs

People &
Culture WG



Data Architecture,
Cataloguing &
Reference Data WGs

Enterprise Data CoP




Data Science Network

Statistics Canada



National
FTP Joint Councils
Federal-Provincial-
Territorial Consultative Council
on Statistical Policy




EARB
Enterprise Architecture
Review Board (Standards)



Departmental
Data Governance
Information Management
Results & Delivery Chiefs
Chief Digital Officers
Other....



**CSPS
Digital
Academy**



**Canada
Digital Service**



DM Committee
Enterprise Planning &
Prioritization (Integration)



Councils & Tables
Chief Information Officers
Chief Data Officers
DG Data Leads



**Shared
Services
Canada**

Select Skill Development Resources

We will update training opportunities on our GCCollab page as they become available

CSPS Course Offerings:

Current on GCCampus	New – Upcoming Offerings
Making data-driven decisions	How Data Literate are You?
Exploring data visualization	A Self-Directed Guide to Understanding Data
Big Data Fundamentals	The Role of Data in Digital Government
Big Data Interpretation (I018) on GC campus	
Harnessing the Power of Data Science for Business Growth	
Organizing Business Data with Data Modeling	
Turning Social Intelligence into Actionable Insight	

Statistics Canada Data Literacy



<https://www.statcan.gc.ca/eng/wtc/data-literacy>

- What is Data? An Introduction to Data Terminology and Concepts
- Types of Data: Understanding and Exploring Data
- The Data Journey: What You Need to Know for Successful Navigation
- Data in Six Dimensions
- Data Visualizations: An Introduction

4TH Annual Data Conference

February 13-14, 2020 held at Ottawa Shaw Centre

Co-Chairs: DND and CSPA



The 2020 Data Conference was ambitious in its agenda and sold out extremely fast.



Sandy @SandyKyriakatos · Feb 13

Having been at the first conference in 2016, and at every one since, I am so blown away by how far we have come! This is amazing already!

[#GCData2020](#)



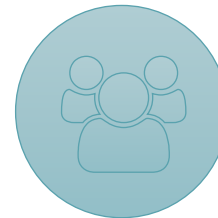
Nathan Beck @nathanmpbeck · Feb 15

Sitting back having a cappuccino, awaiting a flight south and reminiscing on a great GC Data Conference. Great speakers and a really engaging experience all around. Came away energized and with new ideas and knowledge to apply. [#GCData2020](#)



Kaveh Afshar-Zanjani 🇨🇦 @KavehAfshar · Feb 13

If there is any doubt that [#Canada](#) is taking [#data](#) seriously, [#GoC](#) data conference is your answer. [#GCData2020](#) [#dataanalytics](#) [#datascience](#)



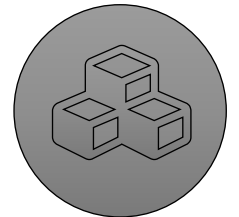
Attendance

- 750+ in-person participants
- 900+ virtual participants
- 188 presenters, panelists, moderators and facilitators



Partnership

21 departments contributed with over \$200K raised



4 Streams

Data Foundations
Data Applications
Data Security
Government Data as a Service