



ISED's Data Strategy From Vision to Implementation

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ISED has 4 Ministers...



The Honourable François-Philippe Champagne
Minister of Innovation, Science and Industry



The Honourable Mélanie Joly
Minister of Economic Development and Official Languages



The Honourable Maryam Monsef
Minister for Women and Gender Equality and Rural Economic Development



The Honourable Mary Ng
Minister of Small Business, Export Promotion and International Trade



... and our work is split across 13 sectors, multiple offices / geographic locations, and a variety of business lines that generate a wealth of data. ISED is also the federal institution that leads the Innovation, Science and Economic Development portfolio, which is comprised of 17 federal departments and agencies.





Our journey... creating a plan to achieve future data related objectives

Impetus (Spring 2018)

- Launch of PCO/STC/TBS led work on development of *Data Strategy Roadmap for the Federal Public Service*
- Recognition that work on an internal ISED data strategy was needed

Current State Assessment (Fall / Winter 2018)

- ISED wide consultations to understand *current data state*
- Key findings related to need for:
 - Departmental and sector data governance
 - Data access
 - Data related skill development
 - Technological support for data related work
 - Experimentation and pilot projects to harness the power of data

The art of the possible (Spring / Summer 2019)

- Data strategy vision and framework created with key business drivers established
- ISED Data Maturity Assessment
- Implementation of initial key activities related to data governance, data access and talent
- ISED Data Strategy finalized and submitted to PCO (September 2019)





ISED's Data Strategy

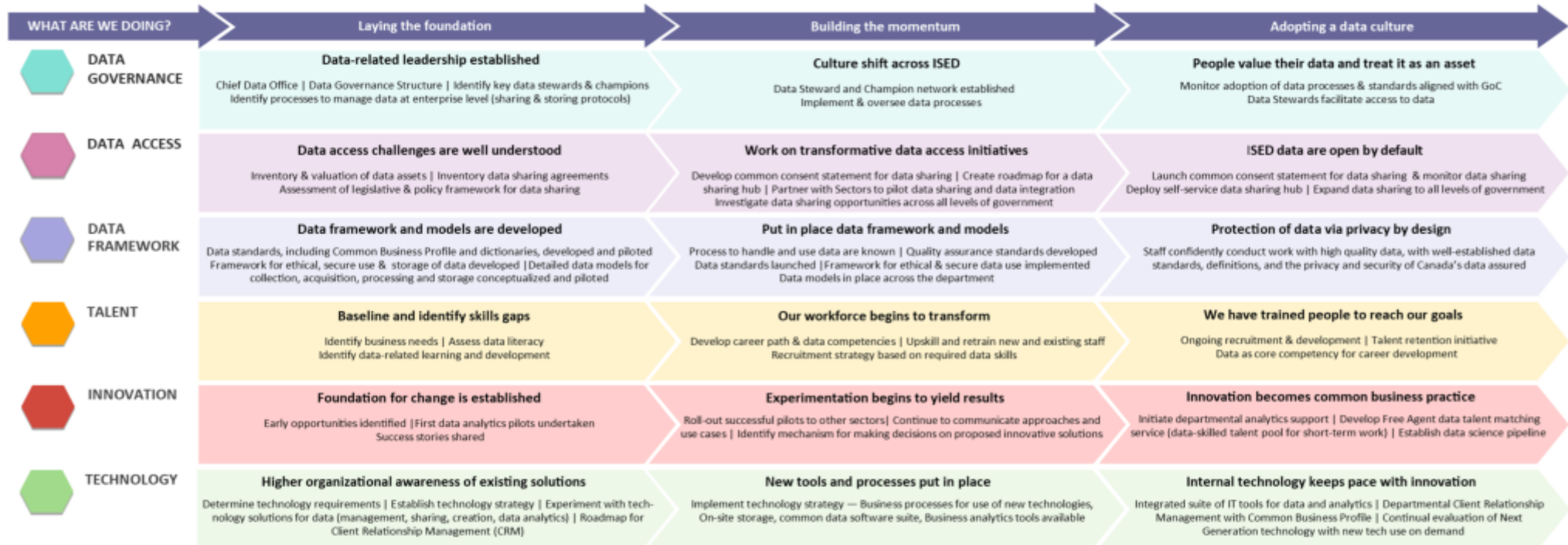


VISION: ISED leverages the power of data to foster a growing, competitive and knowledge-based economy.

MISSION: *By providing employees with the data, skills and tools they need, we will achieve excellence in serving Canadians and Canadian businesses.*

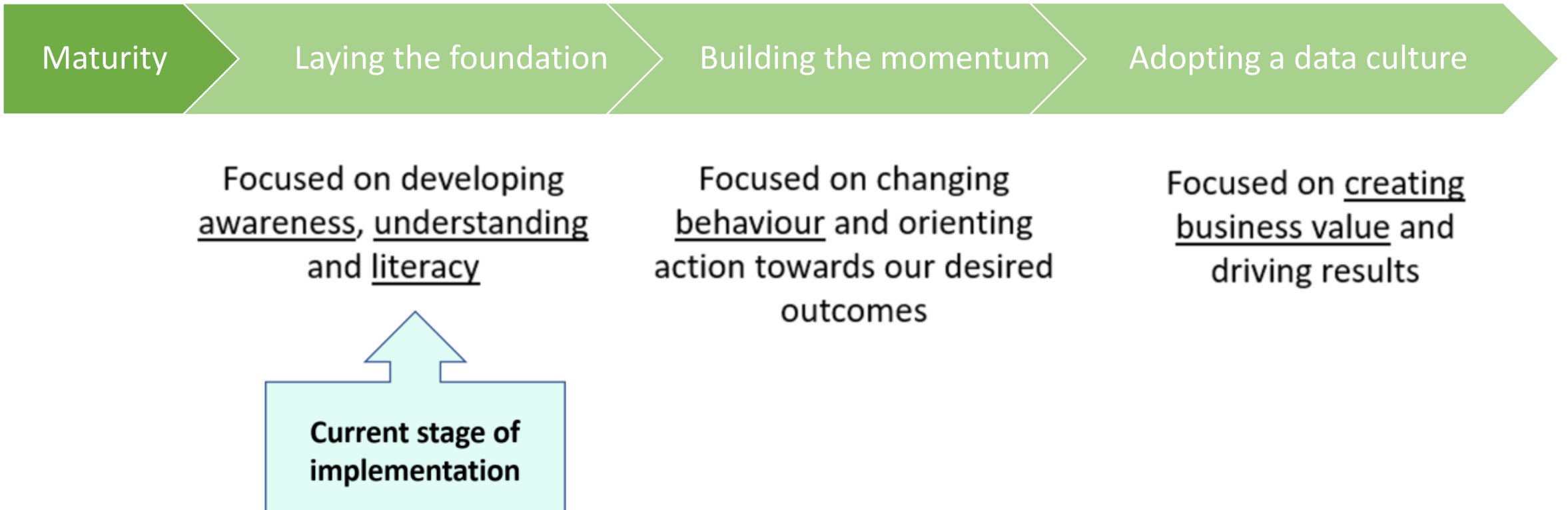
BUSINESS DRIVERS:	Enhanced service delivery	Evidence based policies, research & evaluation	Strengthened reporting capacity & story telling	Enriched internal services	Improved regulation & enforcement
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- GOALS:**
- Canadians and Canadian businesses are better informed and served
 - ISED adopts a data culture where data are discoverable, accessible, secure and of high quality
 - ISED's talent base is enhanced with new skills and experimentation is promoted
 - Public trust is honoured by ensuring that data are handled ethically and securely



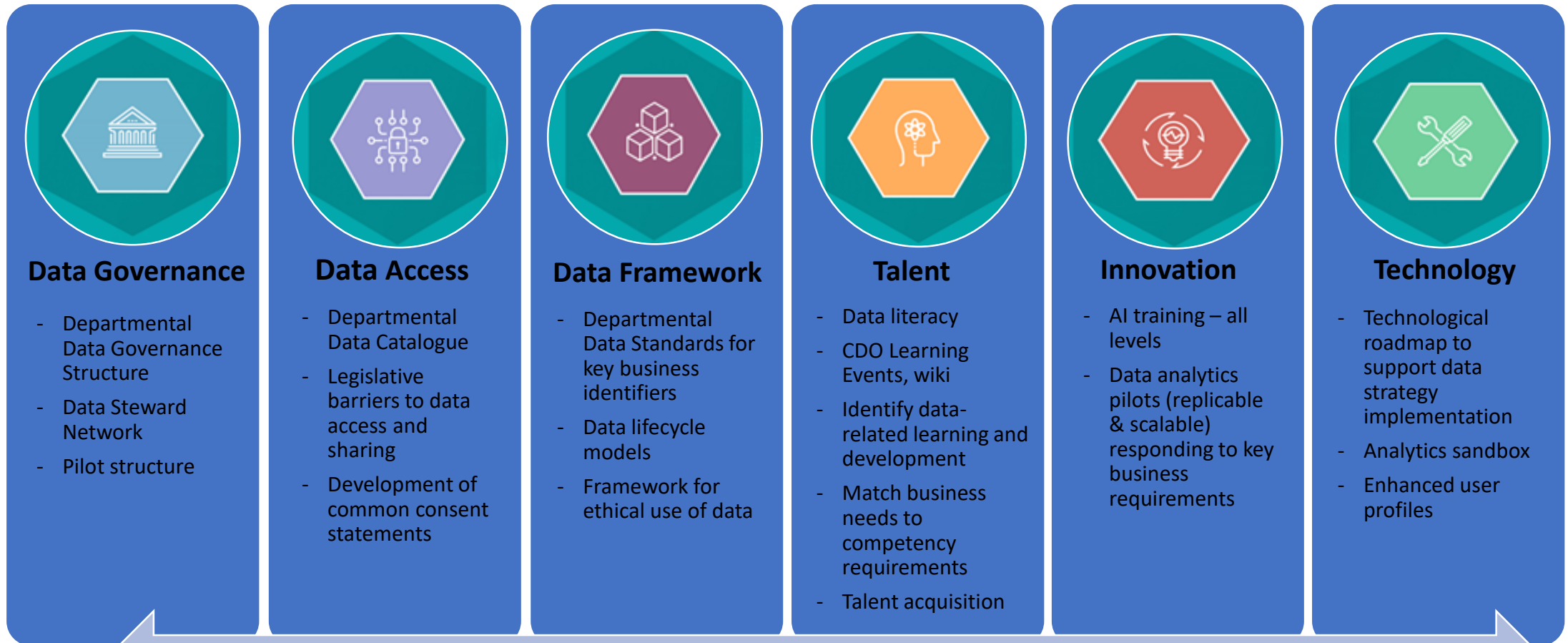


Action across six strategic pillars is staged by maturity





Implementation to Date



CURRENT EFFORTS ARE ON LAYING THE FOUNDATIONS WITHIN EACH OF THE 6 PILLARS OF THE STRATEGY





What we have learned along the way...

- Communicate and engage
- Have champions ... and leverage them
- Have a vision but realize that you can't do it all at once
- Demonstrate value early
- You don't need piles of money ... really!





Change takes time ... and it's hard





Don't be shy – ask others for help and advice



When #GCdata people unite! But seriously, we spoke abt breaking down silos at #GCData2020 today, & that is what these fine peeps do all the time. We pick up the phone, do coffee, share knowledge, ideas & docs++. Shout out to awesome collaboration & pple across ISED, ECCC + HC!

+Bank of Canada
+Transport +IRCC
+PCO +STC +TBS +
so many more



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