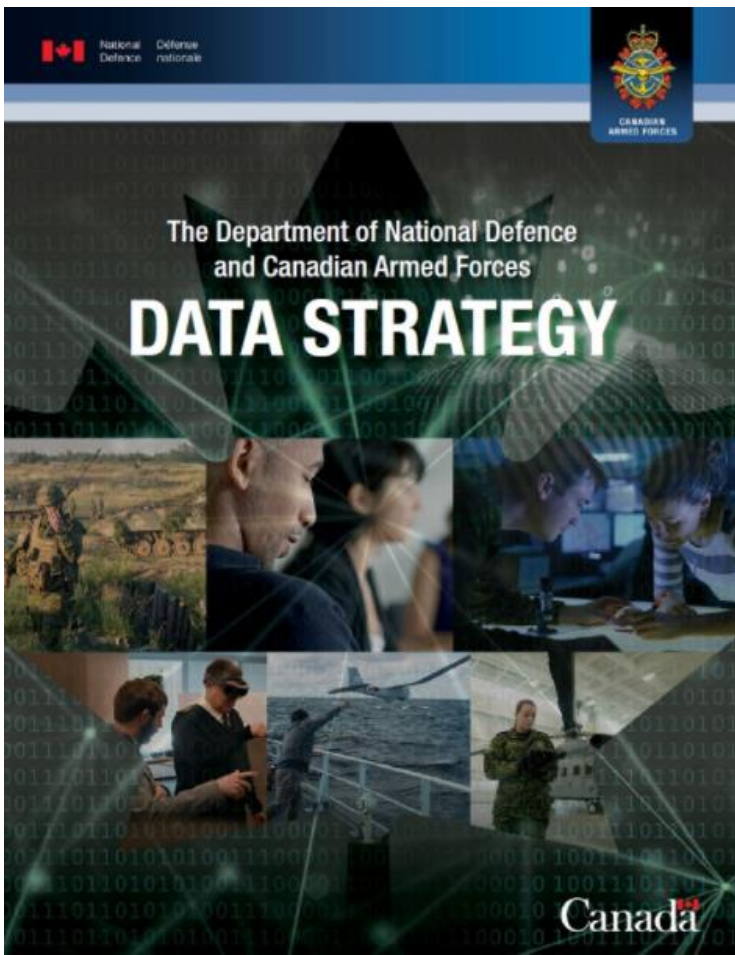# DATA CONFERENCE 2021
Thursday, February 18

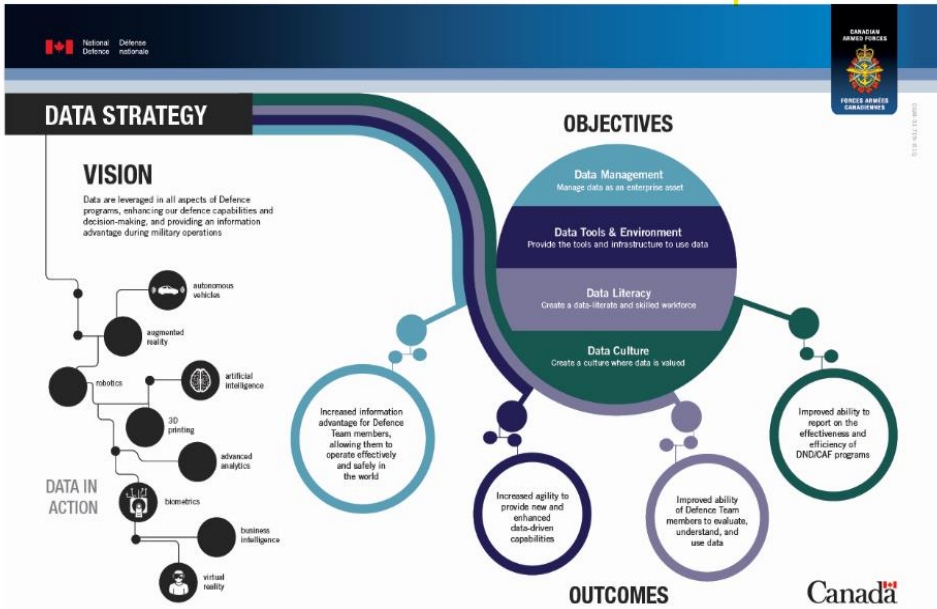# **Ensuring Data Quality through Data Stewardship**

Anton Bazilev, Manager and **Jane Lin**, Data Governance Analyst, DND
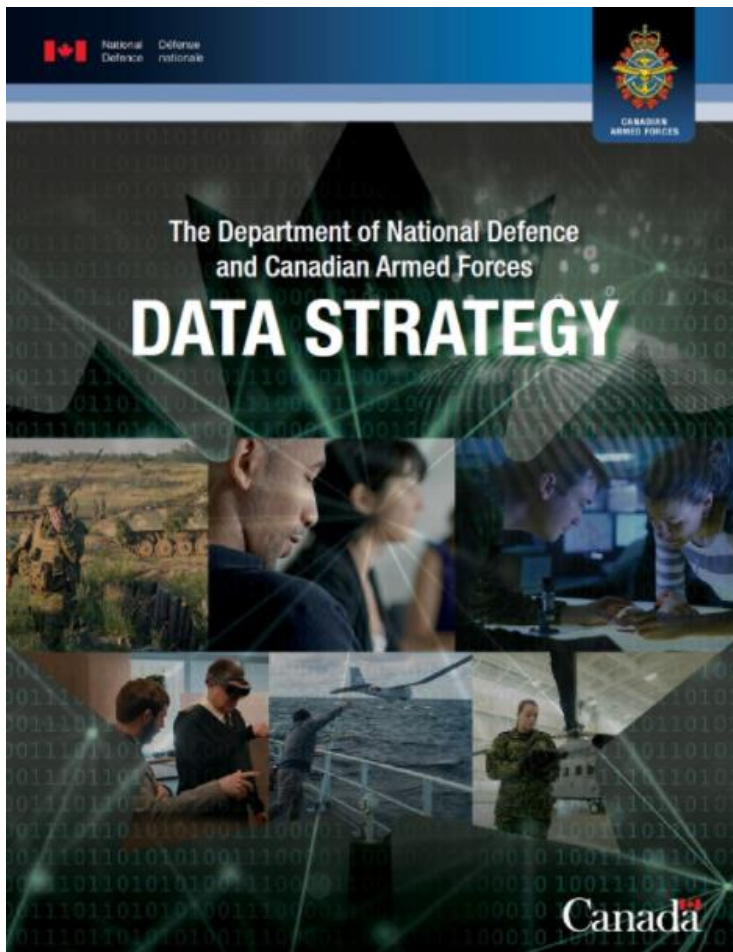
Canada

How do we implement the Data Strategy?

An implementation plan is in development that captures the activities and milestones of the initiatives, and identifies the expectations for L1 participation. Sponsors have been identified for all initiatives in the data strategy roadmap, and all L1s will be responsible for supporting the initiatives identified in the data strategy. ADM(DIA) will provide ongoing support to its L1 partners, including data policies, data management frameworks and standards, analytics support, training, and change management advice. For more information, visit the ADM(DIA) Portfolio page.

Click here to download the placemat (PDF, 2.24 MB.)

The Department of National Defence and Canadian Armed Forces

DATA STRATEGY

Data Management

GOAL	CURRENT STATE	FUTURE STATE
Manage data as an enterprise asset using well defined plans and processes throughout the data lifecycle	• Informal data governance – "ownership" • No data quality framework, ad-hoc data quality initiatives • Rigid security practices, low risk mindset • Lack of enterprise data model and inventory • Limited master, metadata management practices	• Formal data governance – "stewardship" • Data are regularly assessed against established framework, formal data quality initiatives • Master, reference, and metadata practices implemented • Flexible risk-based security approach • Documented enterprise data model, flows, inventory

Data Quality – mitigating Pain Points

Support L1s with consistent approach to create, manage, govern and monitor data quality rules

Now	Future
Lack of decision rights, result in ADMs operating in silos	DIA-led data governance + data quality establish decision rights and help overcome silo approach
Lack of common data definition and business glossary (data accuracy and duplication)	Defined, governed and cataloged data and business information objects - improved data accuracy and de-duplication

Ensure that quality data drives and improves decisions

Now	Future
Business is not data led and contributes to unreliable reporting/analytics	Business is aware of its data and reporting/analytics practices are improving
Absence of good data management	Data Governance and Data Quality process are established and maturing/monitored

Establish and mature Data Quality capability within ADM DIA

Now	Future
Lack of critical capabilities (e.g. data quality framework, data stewardship)	Data Stewardship and Data Quality frameworks are created and deployed
Inconsistent requirements processes and governance	Business requirements processes are improved and supported by the Data Architecture

Questions + Discussion