Tri-agency grants management solution (TGMS)
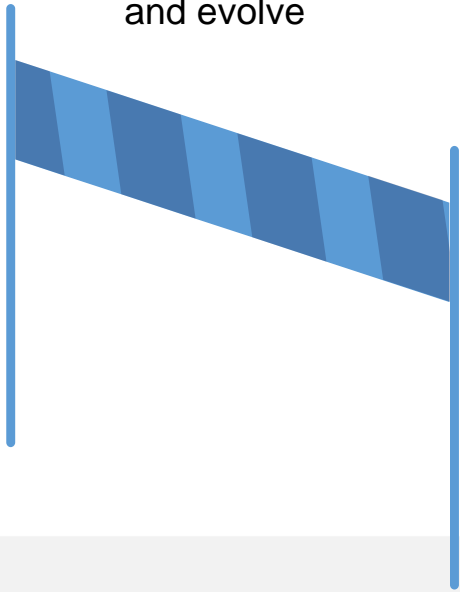
GC Business Architecture Community of Practice
July 18, 2022

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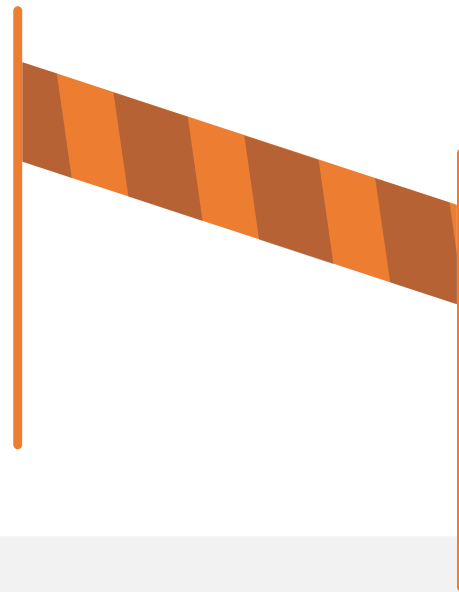
What problems TGMS aims to solve?

OUT DATED TECHNOLOGY

The technology that the systems are built on is out-of-date and is increasingly challenging to maintain and evolve
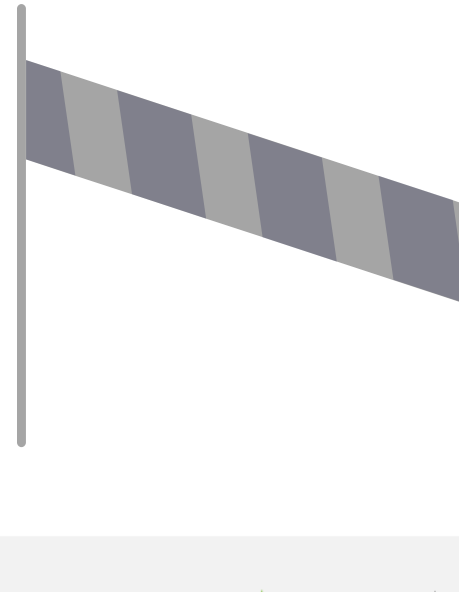
POOR USER EFFICIENCIES

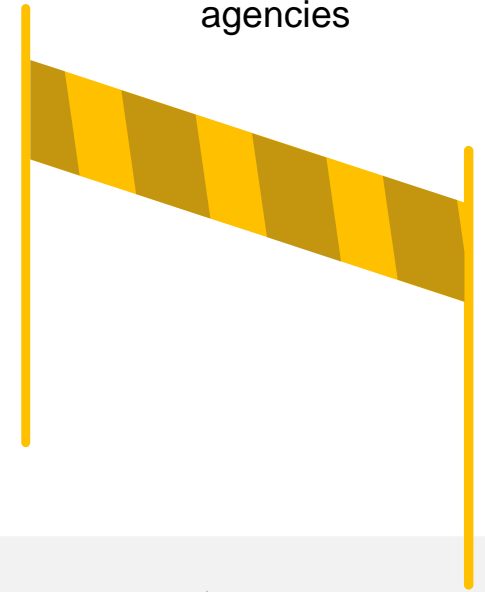The current systems are complex, not well integrated, administratively burdensome and time-consuming to use

POOR DATA ARCHITECTURE

The data architecture is not well structured, making it difficult to share, extract and analyze data
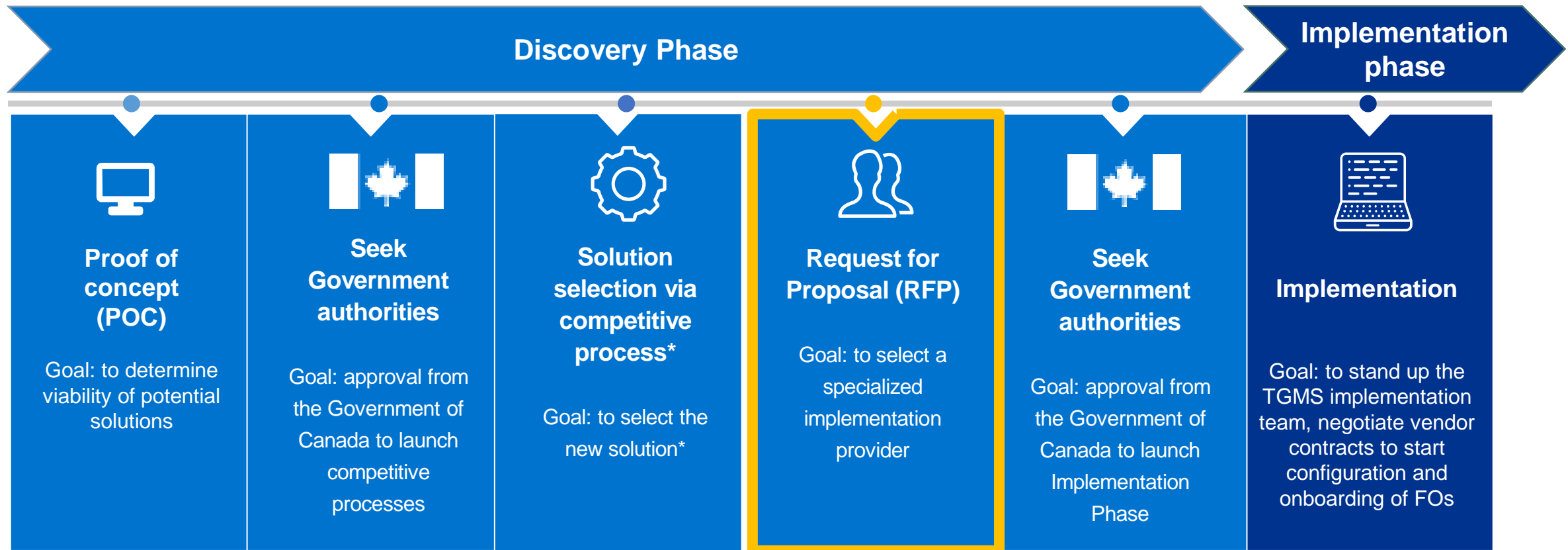
POOR USER EXPERIENCE

The CCV continues to provide a poor user experience and no longer meets the needs of the research community and agencies

Key milestones

Discovery Phase

Implementation phase

Proof of concept (POC)

Goal: to determine viability of potential solutions

Seek Government authorities

Goal: approval from the Government of Canada to launch competitive processes

Solution selection via competitive process*

Goal: to select the new solution*

Request for Proposal (RFP)

Goal: to select a specialized implementation provider

Seek Government authorities

Goal: approval from the Government of Canada to launch Implementation Phase

Implementation

Goal: to stand up the TGMS implementation team, negotiate vendor contracts to start configuration and onboarding of FOs

* Cloud services providers

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What benefits will TGMS help achieve?

Processes
Simplified, standardized, streamlined, automated processes → Decreased manual effort → Decreased administrative burden

Tools
Intuitive and easy to use tools within integrated solution → Increased reliability, accuracy and timeliness of data → Improved user experience

Information
Single window for easy access → Increased ability to easily provide, capture and validate information → Improved data management and reporting

- Increased flexibility and responsiveness to meet GoC priorities and agencies' demands
- Optimized resources and workforce for increased organizational effectiveness
- Strengthened credibility of the three agencies and reinforced reputation as leaders in research
- Supported research community by implementing an easy-to-use solution to access agency programs

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TGMS guiding principles

TAKE A CLIENT-CENTRIC VIEW

Engage the research community and the agencies users and stakeholder early and often.

CO-DESIGN WITH USERS

Co-design the new solution with internal and external users.

AGILE PRODUCT-BASED APPROACH

Break the product into smaller builds, promoting continuous incremental iteration of development and testing (i.e., milestones) that allows the project to focus on delivering the business value in the shortest time.

FOCUS ON DELIVERING DESIRED OUTCOMES

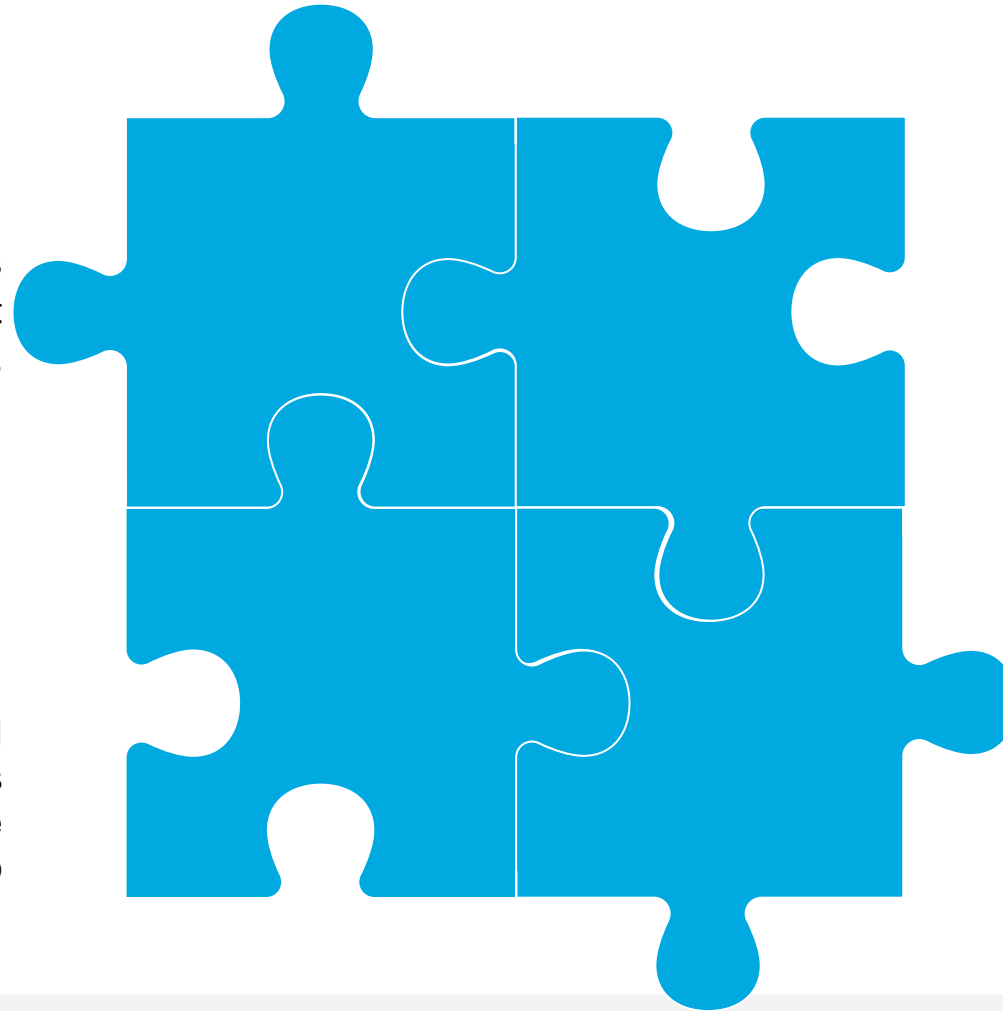Focus on advancing the delivery of the TGMS business outcomes to deliver value to users.

Understanding the user business needs

Outcomes

Outcomes defines what benefits users are expecting to be brought by the new solution.

Business capabilities

Business capabilities defines what users want to be able to do in the new solution.

Business process harmonization strategy

The Business process harmonization strategy defines the high-level approach to manage process harmonization activities during the implementation of the new solution to optimize system workflows.

User experience

User experience defines how users envision their thoughts, feelings and impressions to be like when using the new solution. It identifies current pain points and needs in order to identify the best solution to meet these needs.

TGMS capabilities map

Tri-agency searchable funding opportunity (FO) database

Log in and create profile

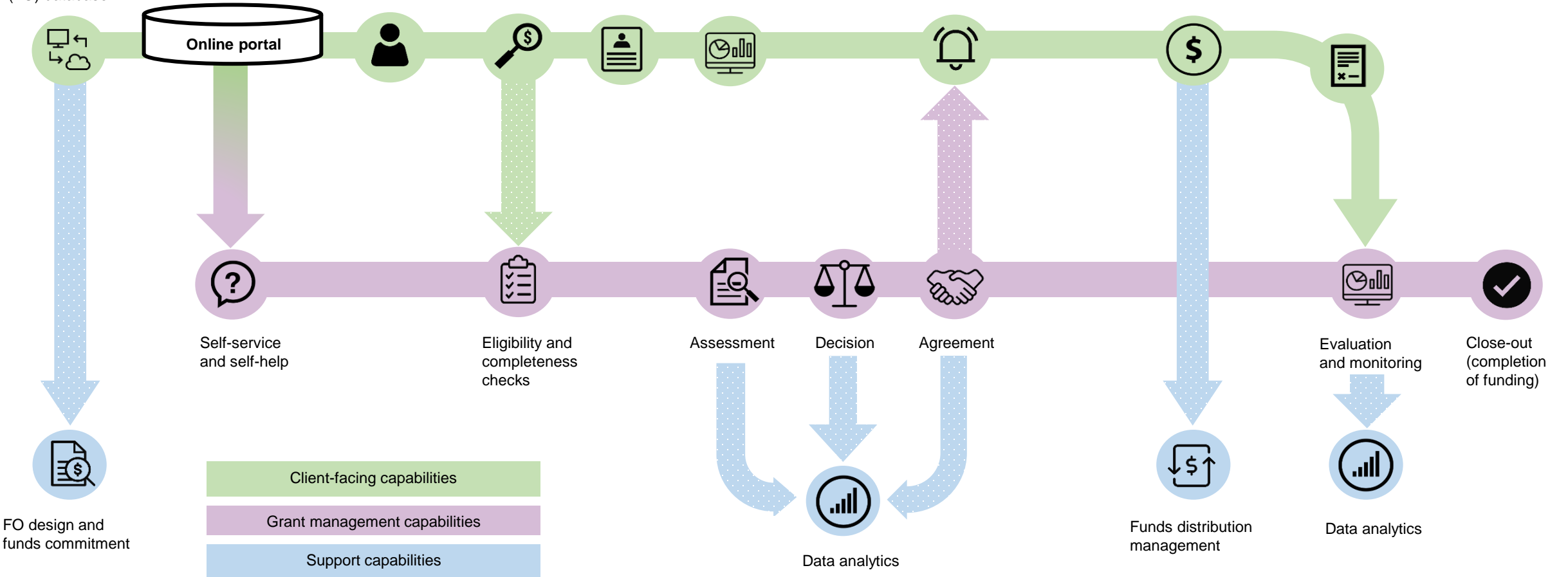Select FO and apply online

Upload or create CV

Review application status dashboard

Access notice of decision and terms and conditions

Receive payment
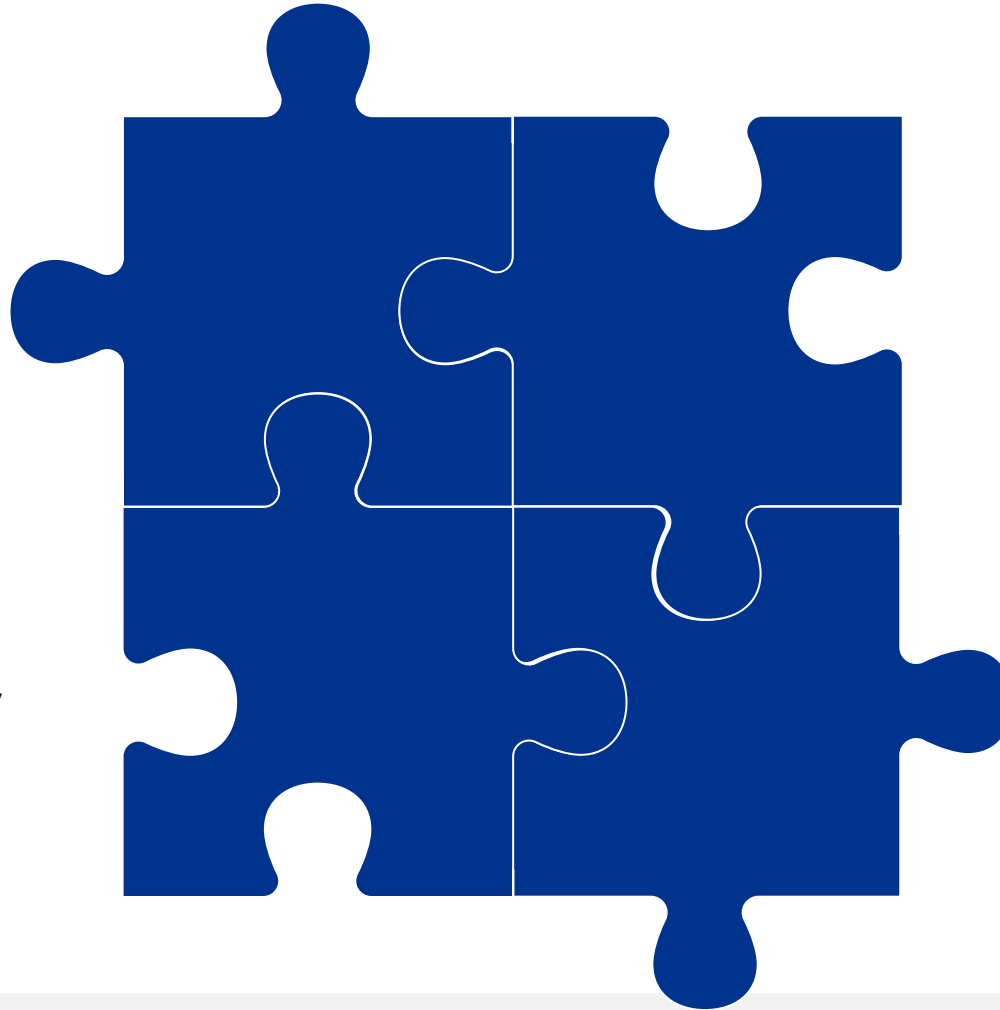
Submit reports and amendment requests

Online portal

Self-service and self-help

Eligibility and completeness checks

Assessment

Decision

Agreement

Evaluation and monitoring

Close-out (completion of funding)

FO design and funds commitment

Client-facing capabilities

Grant management capabilities

Support capabilities

Data analytics

Funds distribution management

Data analytics

Understanding the user information needs

Conceptual solution architecture

Conceptual solution architecture defines what system components are required in the new solution.

Conceptual data model

Conceptual data model defines what data users need in the new solution.

Data migration and integration strategy

Data migration and integration strategy defines the methods that will be used to plan which data will be moved to the new solution and integrated with existing systems, as well as how and when.
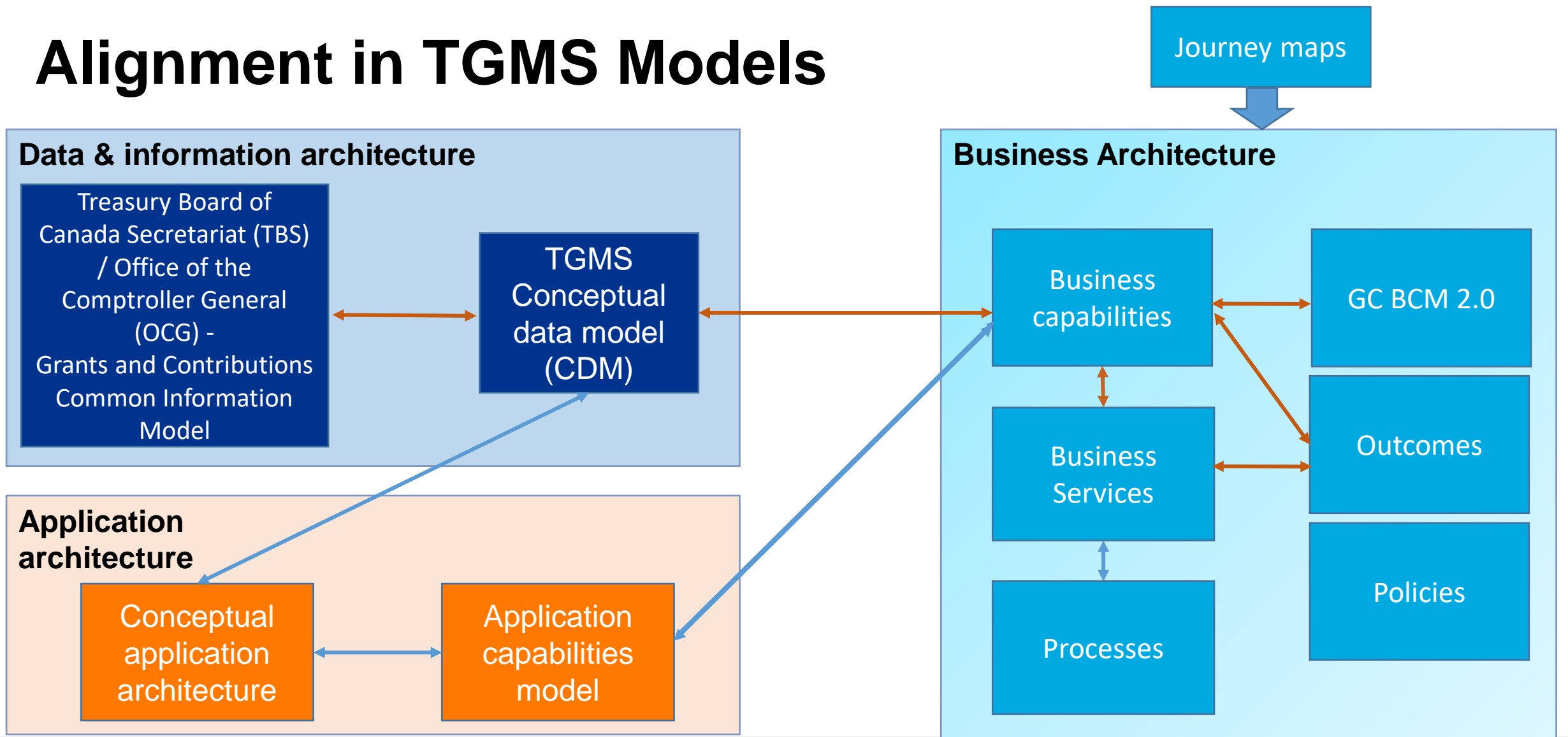
Information sharing strategy

Information sharing strategy defines the high-level strategies and approaches to sharing information between the agencies as well as with other organizations.

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Model Demonstration

Alignment in TGMS Models

Journey maps

Data & information architecture

Treasury Board of Canada Secretariat (TBS) / Office of the Comptroller General (OCG) - Grants and Contributions Common Information Model

TGMS Conceptual data model (CDM)

Business Architecture

Business capabilities

GC BCM 2.0

Business Services

Outcomes

Processes

Policies

Application architecture

Conceptual application architecture

Application capabilities model

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Understanding the impact of this change on users

Change management

Accompanying people through change by building and fostering awareness, desire, knowledge and ability to reinforce the change for the three agencies.

Training

Training is one of the key tools that support people through transitions. The primary goal of training in change management is to understand gaps in users' skills and provide them opportunities to learn these skills before the change is implemented.
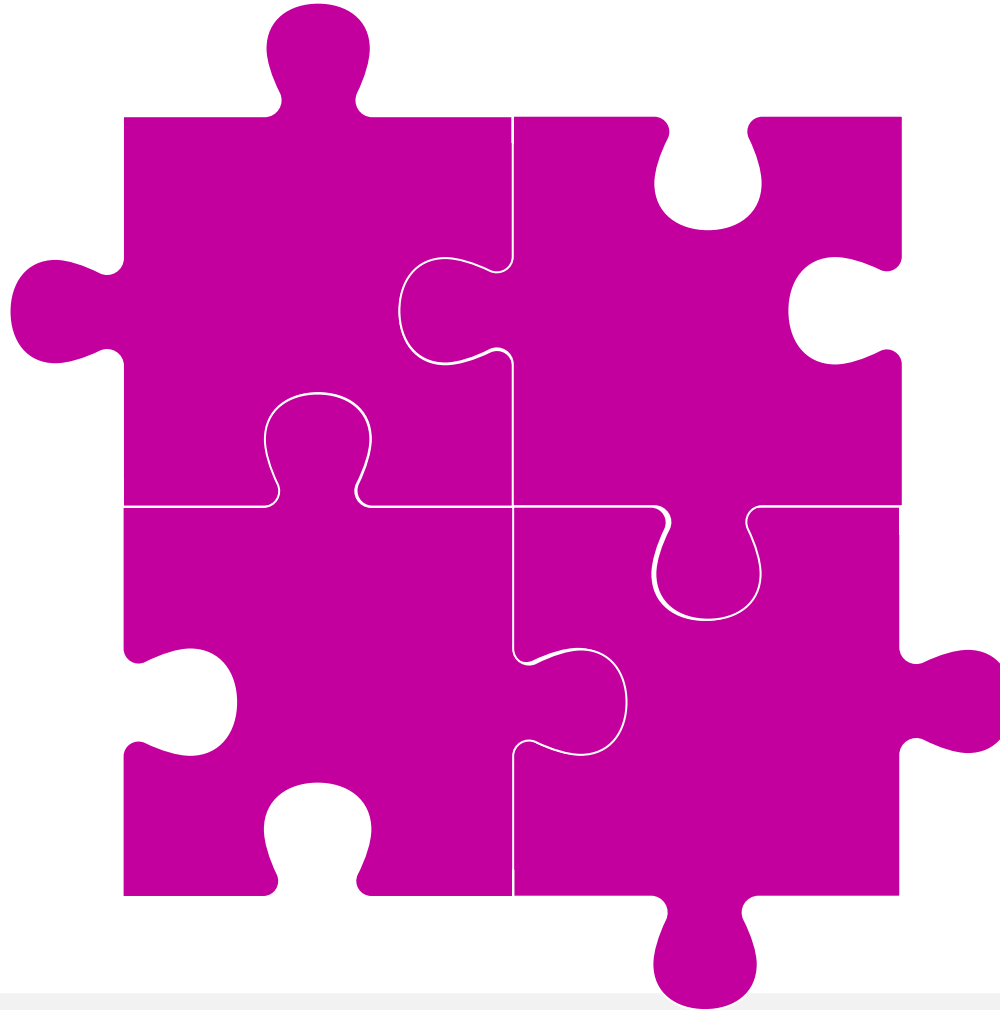
Stakeholder engagement

Actively engaging and consulting employees, the research community and other stakeholders to inform the TGMS team about their detailed business requirements and desired outcomes for the new solution.

Communications

Developing and coordinating communications activities that take into consideration TGMS milestones and stakeholder type (target audience).

Questions

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Thank you!

Please contact the team via the
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