



Treasury Board of Canada
Secrétariat

Secrétariat du Conseil du Trésor
du Canada

Canada

Update on the National Digital Trust Service Pilot

Joint Councils

September 28, 2022

Overview

November 2021: ISED presented an update to Joint Councils on phase 1 of the National Digital Trust Service Pilot

- Phase 1 included establishing the pilot infrastructure with vendors and developing key digital credential use cases with participants.

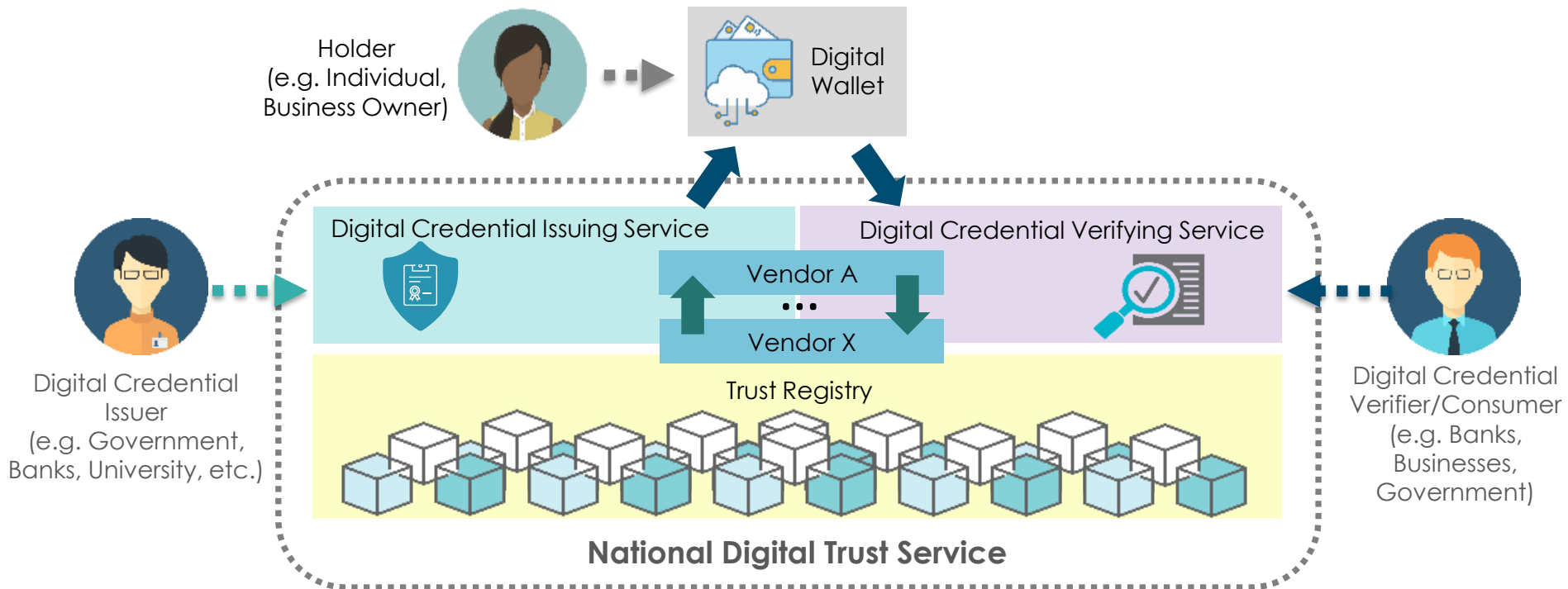
August 2022: Select digital credentials initiatives, including the National Digital Trust Service Pilot, were transitioned to TBS

- TBS is now leading the Government of Canada's approach to digital credentials.

September 2022: Presenting an update on Phase 2

- Phase 2 includes testing key digital credential use cases through the National Digital Trust Service Pilot.

National Digital Trust Service Pilot: High Level View



We are testing a centralized service, combining the strengths of multiple vendor solutions, to enable individuals and organizations to easily issue, use and verify digital credentials. 3

Testing Key Use Cases

Proof of Address

Access to city services

City of Montreal



KEY BENEFIT

Simplified and secure access to city services for business and individuals

CURRENT STATUS

Completed testing of:

- Issuing a Proof of Address digital credential to an individual's or business' digital wallet

Nearly completed testing of:

- Using the Proof of Address digital credential to access Animal Licensing services

Know Your Client

Access to Central Bank services

Bank of Canada



Increased trust in Central Bank services, including a potential Central Bank Digital Currency

Completed testing of:

- Issuing a Know Your Client digital credential to an individual's digital wallet
- Using the Know Your Client digital credential to access Central Bank services

Lessons Learned

Areas of Strength

- Participants found the service “really easy to use” and indicated willingness to use it in the future
- Multi-vendor approach resulted in a better service by combining the strengths of each vendor
- Modular approach enabled participants to use only the parts they need (i.e., verifier service, issuer service and/or trust registry)
- Supported both official languages



Areas of Improvement

- Broader digital wallet support
- More user-friendly alternatives to QR Codes
- More intuitive to implement credentials and to request only a subset of information from a credential
- Interoperability with other trust registries
- Support for additional languages (e.g., indigenous)



What's Next?

Leverage Canadian innovators to evolve the National Digital Trust Service Pilot and the larger digital credentials ecosystem, including:

- Innovative Solutions Canada Testing Stream calls for proposals for:
 - Digital credential issuing and verifying services
 - Digital wallets
 - Trust registries
- Innovative Solutions Canada challenge for universal digital wallets

**INNOVATIVE
SOLUTIONS**
C A N A D A



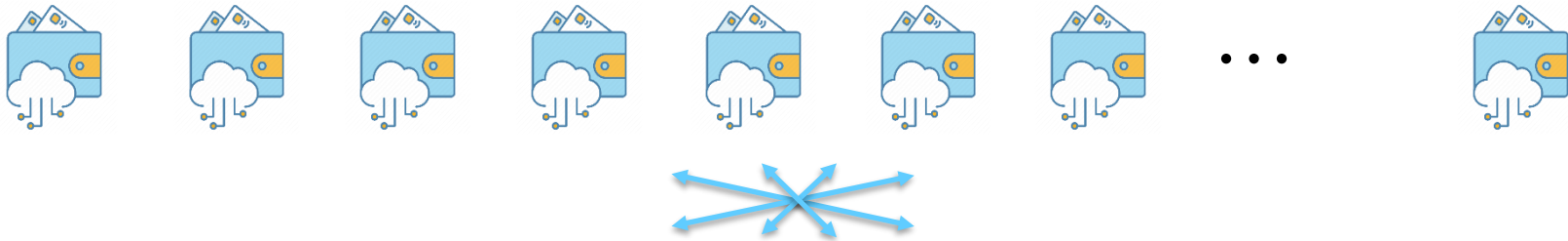
Collaborate with public and private sector stakeholders on:

- Exploring, implementing and testing key digital credential use cases
- Evolving the digital credentials ecosystem
- Enabling interoperability and mutual support for digital credentials across sectors and jurisdictions



Annex A: Future Digital Credential Ecosystem

Digital credentials will be held in various digital wallets (individuals will use the certified wallet of their choice)



Digital credentials will be issued and verified by various public and private sector issuing and verifying services



Services will rely upon various public and private sector Blockchains and other approaches to issue and verify digital credentials



There will be a diverse ecosystem of public and private sector digital trust services within countries and across borders.