



CRI

Centre for Regulatory Innovation

Regulators' Capacity Fund

Digital Credentials

QUICK GLANCE

Lead Organization:

Innovation, Science and
Economic Development
Canada (ISED)

Timeline:

Oct 2020 – Mar 2022

Funding:

\$2,300,000

ABOUT THE RCF

The CRI's Regulators' Capacity Fund empowers federal regulators to better consider economic, competitiveness, and resilience factors in regulatory design and implementation.

PROJECT OVERVIEW

The project aimed to develop a framework for the adoption of digital credentials in Canada. This project focused on creating standards and guidelines for digital credentials to ensure their security, interoperability, and acceptance across various sectors.

The Challenge:

Traditional paper-based credentials are prone to forgery, loss, and administrative inefficiencies. The lack of a standardized digital credential system hindered the ability of individuals and organizations to verify and share credentials securely and efficiently.

The Approach:

ISED worked with industry experts, educational institutions, and technology providers to develop a digital credential framework. The project included the creation of a prototype digital credential system, stakeholder consultations, and pilot testing to refine the standards and guidelines.

The Impact:

The digital credential framework was successfully piloted, with over 1,000 credentials issued and verified through the system. Feedback from users highlighted the increased security, convenience, and efficiency of digital credentials.

The project laid the groundwork for broader adoption of digital credentials in Canada, supporting a more connected and secure digital economy.

Lessons Learned:

Stakeholder Engagement: Engaging diverse stakeholders ensures comprehensive and practical solutions.

Security: Robust security measures are essential for gaining trust in digital credentials.

Scalability: The framework must be scalable to accommodate future growth and technological advancements.

This project demonstrates the transformative potential of digital credentials, showcasing how innovative technology can enhance security and efficiency in credential management.