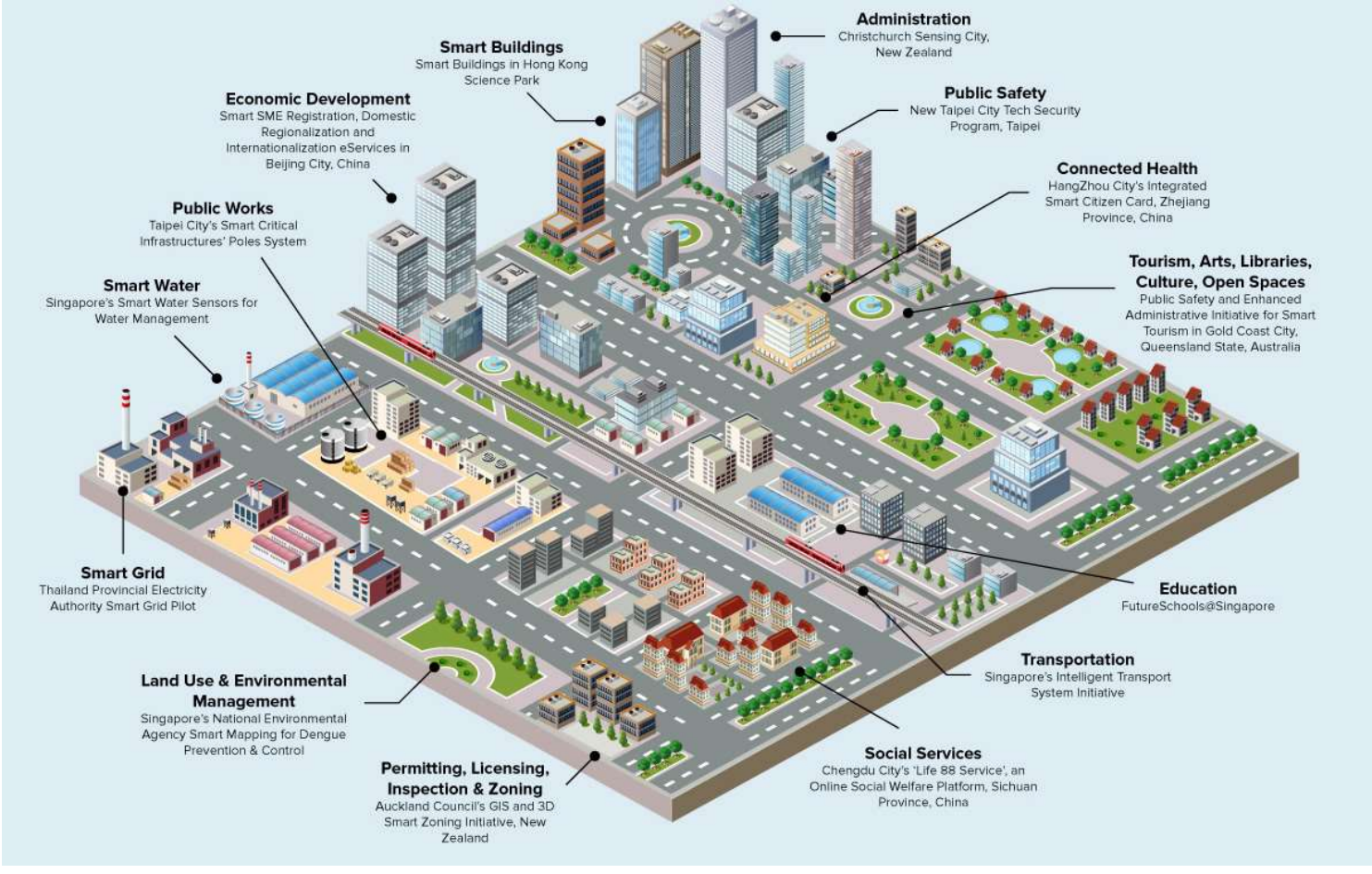
LA VILLE PROACTIVE INTELLIGENTE ET LES NOUVEAUX USAGES VERS UNE EXPÉRIENCE HUMAINE CONNECTÉE RÉSILIENTE

FRANÇOIS BÉDARD
Senior Development Officer

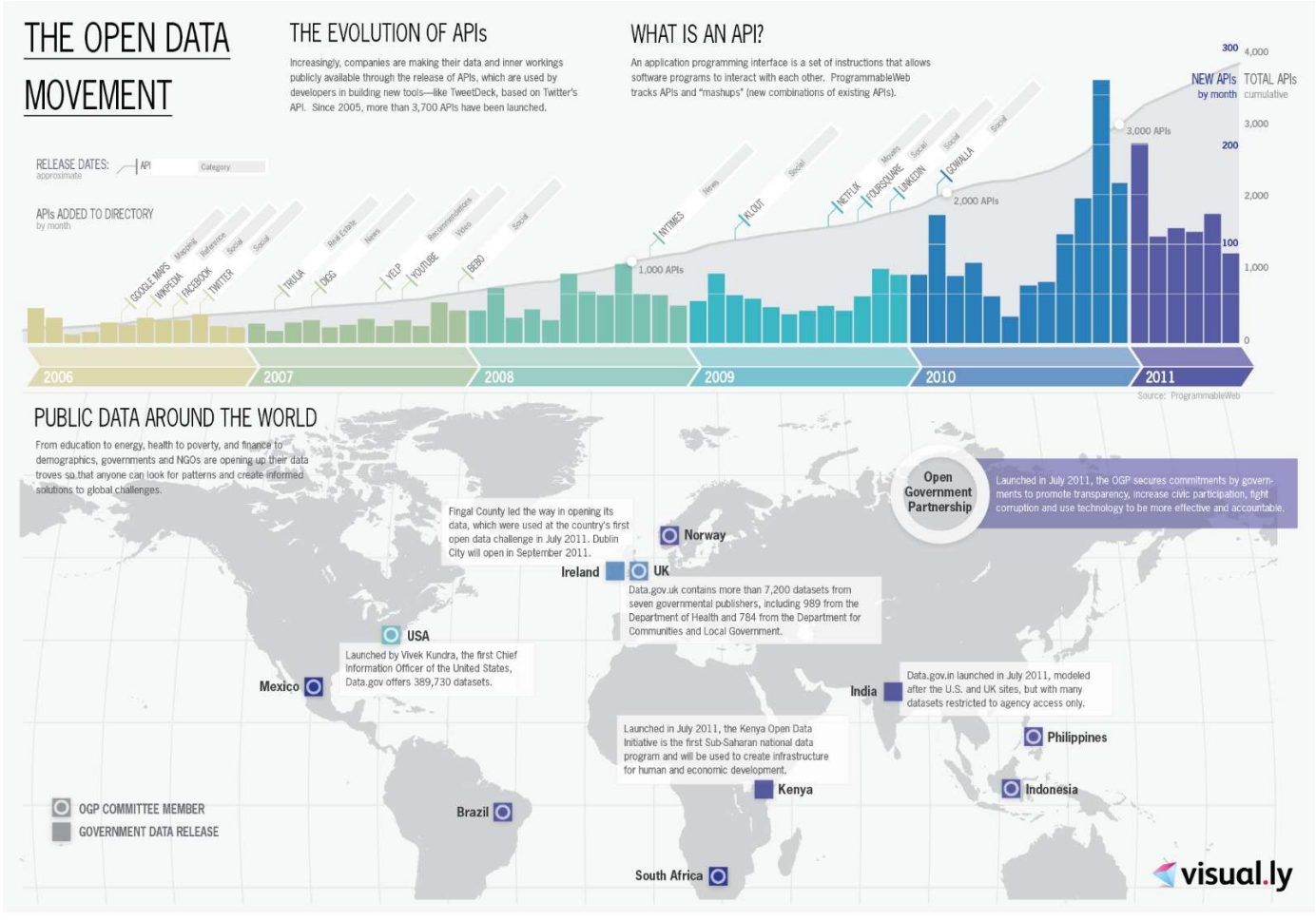
DIACC

CONFÉRENCE CYBER SÉCURITÉ 2020
ÉDITION VIRTUELLE

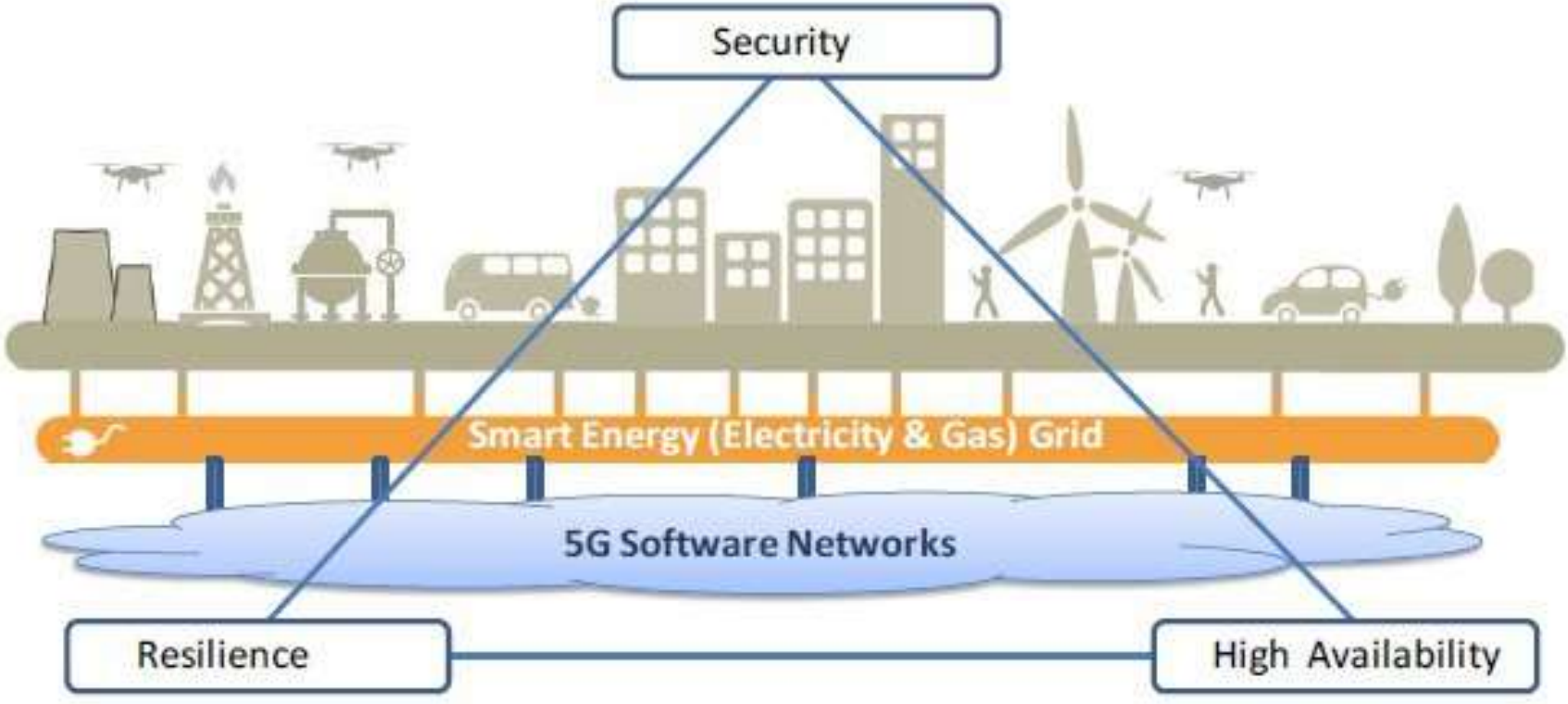
Smart Municipalites & more



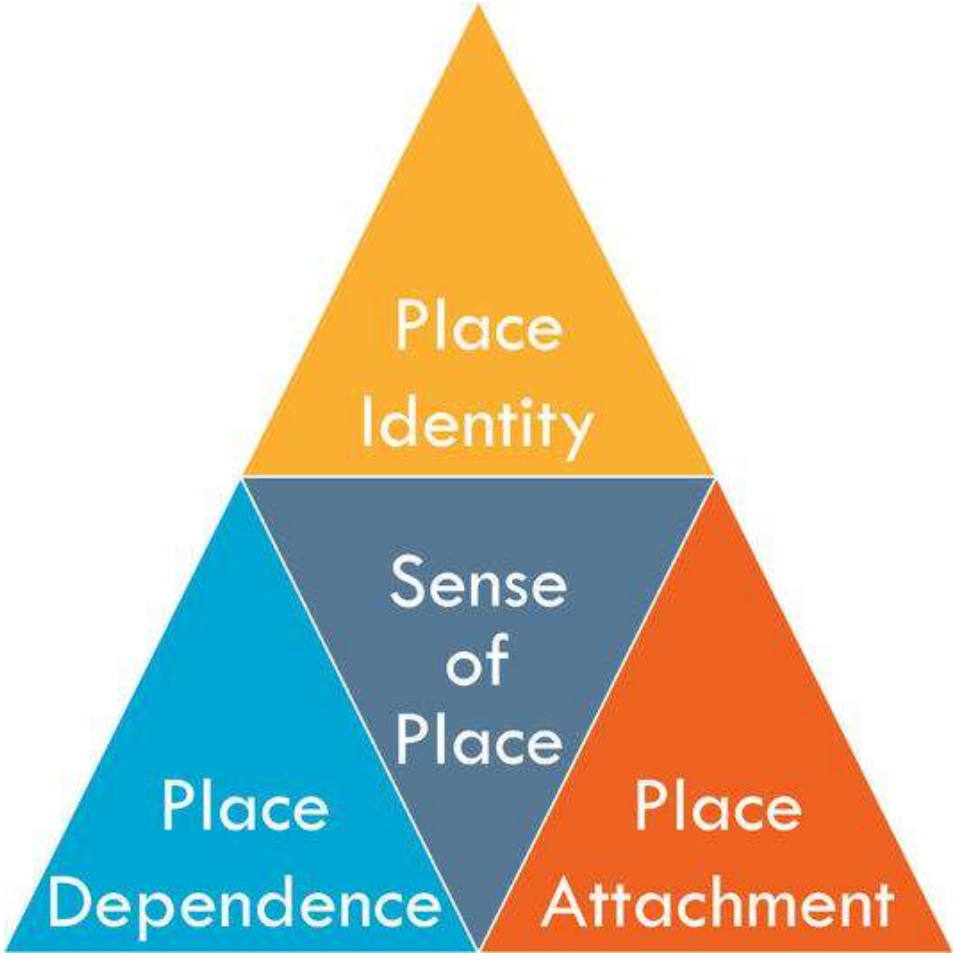
Smart Municipalites & more



Smart Municipalites & more



Smart Municipalites & more



Smart Municipalities highlights the urgent need for Canada to become a leader **of digital identity with a citizen focus**.

DIACC

What do Canadians think about smart cities?

DIACC

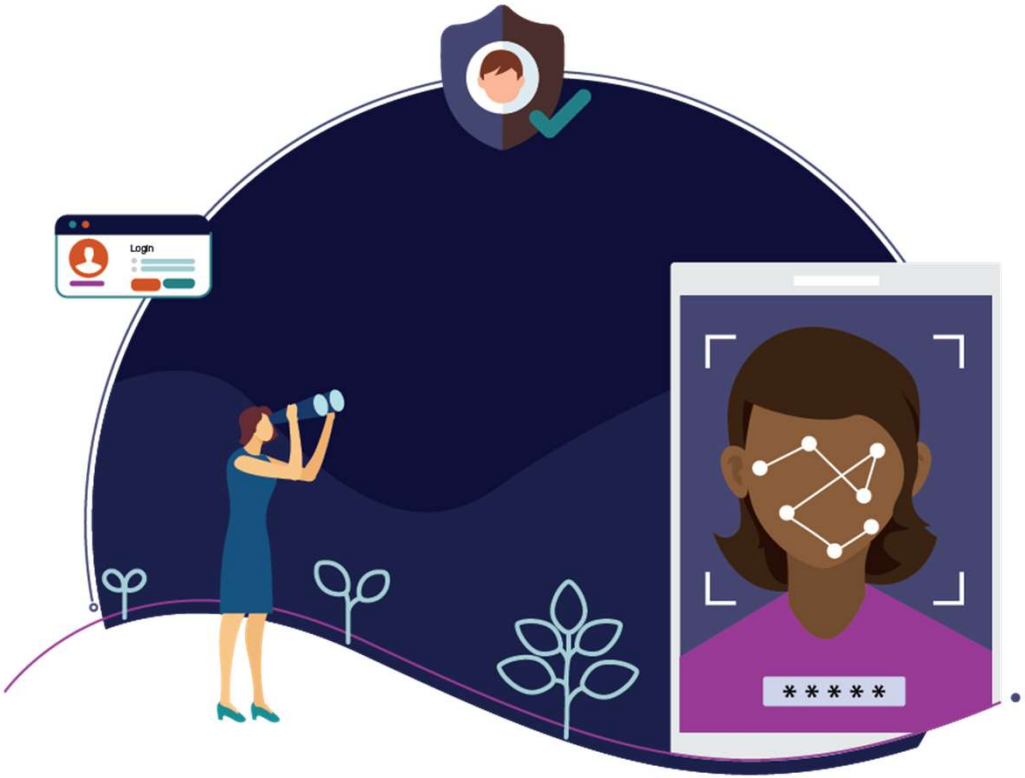
Canadians' Perspectives on Smart Cities and Privacy

88% Concerned at some level about their privacy in the context of smart cities.

72% For-profit sale of personal data related to smart cities should be prohibited.

DIACC

Source: https://smartcityprivacy.ca/survey-results/



How can concerns be addressed to ensure that smart cities respect residents?

Digital Identity
is a foundation of digital transformation

Canadians need to know what **data** exists **about them**

Citizens, governments, & businesses need **tools to manage sharing**

DIACC

Digital Identity
done right has huge socioeconomic benefits.

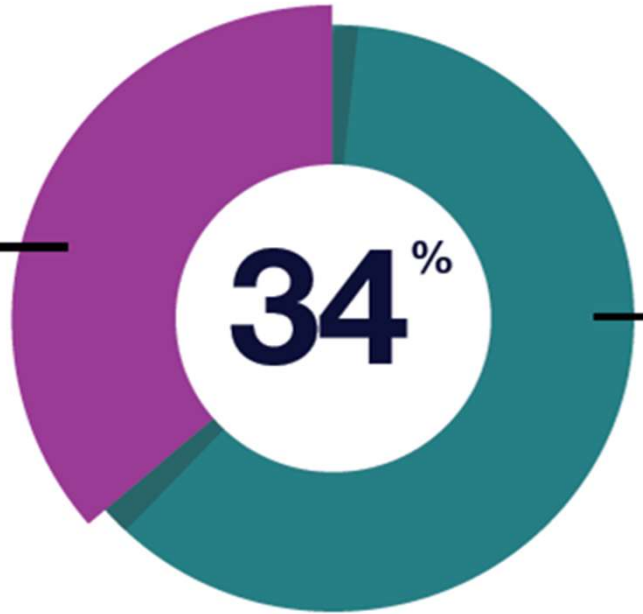
Source: McKinsey & Co https://www.mckinsey.com/featured-insights/innovation-and-growth/the-value-of-digital-id-for-the-global-economy-and-society

What do Canadians think about digital identity?

DIACC

Canadians' Perspectives on Digital Identity

Canadians are concerned with how social media sites use their personal information; **Just one-third** trust social media sites to keep their personal information **safe and secure.**



compared to ~4-in-5

83% trusting the government

81% trusting financial institutions

DIACC

Source: https://diacc.ca/2019/10/15/canadians-are-ready-to-embrace-digital-identity-2/

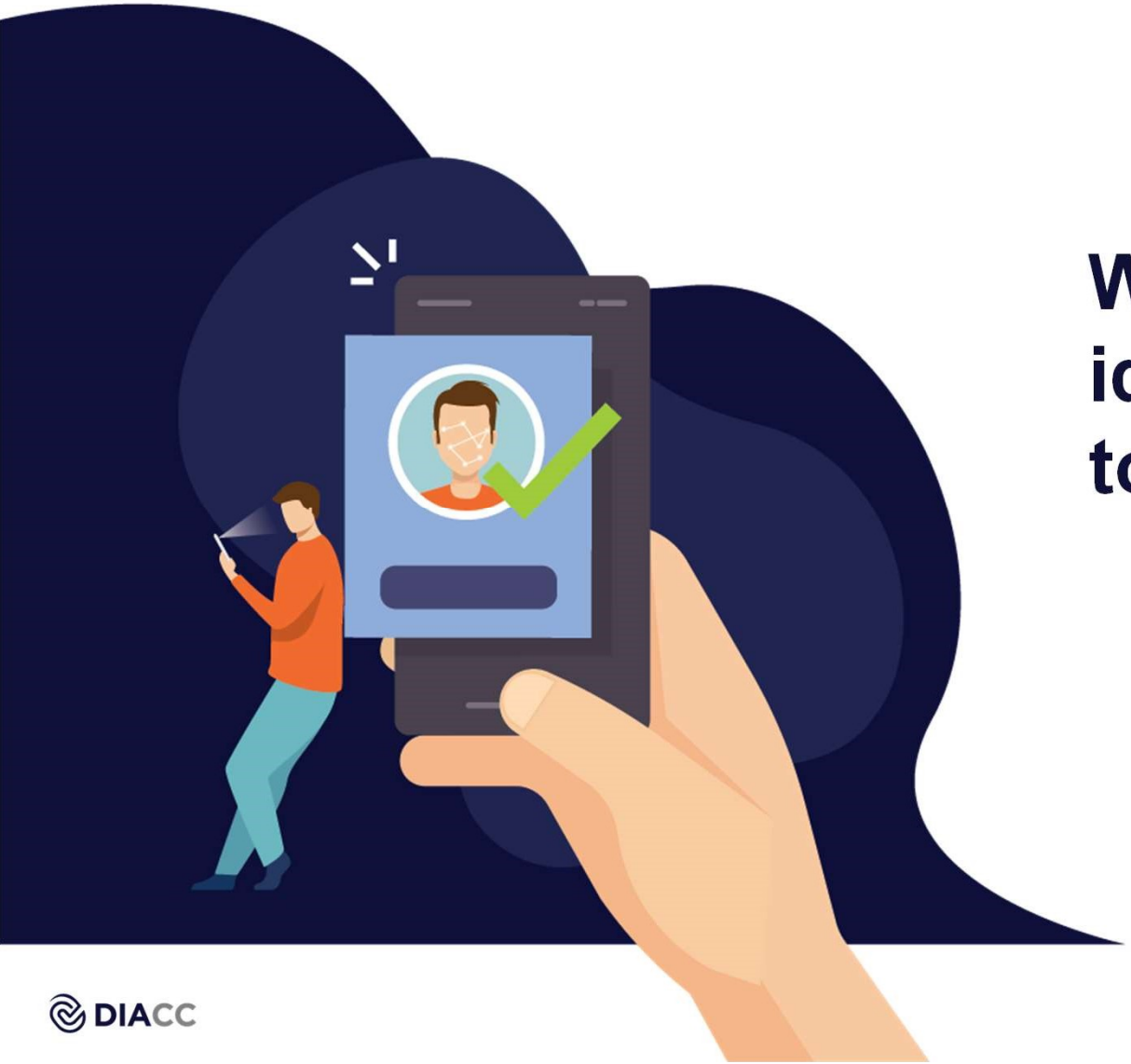
Canadians' Perspectives on Digital Identity

70%

feel that a collaboration between the government and the private sector is the **best approach to creating a pan-Canadian digital ID framework**.

DIACC

Source: https://diacc.ca/2019/10/15/canadians-are-ready-to-embrace-digital-identity-2/



What does digital identity look like today?

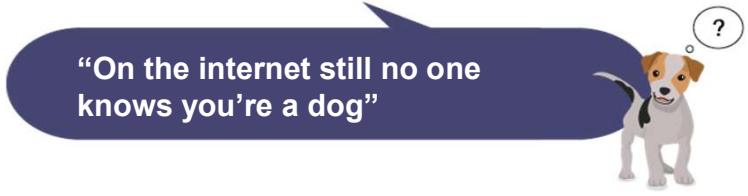
DIACC

On the internet, nobody knows you’re a dog

Possible future scenarios

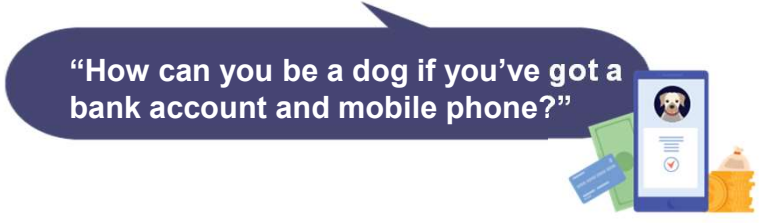
Platform Identity

The internet giants have tried to adapt their business models away from advertising revenues but consumers are not willing to pay. The net effect is that while additional regulatory controls are being placed around them, the system is still fundamentally the same. So end-users have limited visibility on what information is held about them or how it is used.



Operator Networks

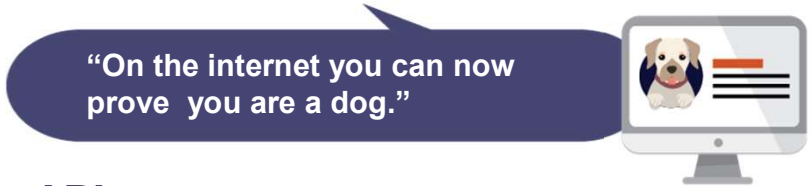
To sign up and use secure digital services, users need to provide reliable information about their identity. Users trust regulated organizations to provide services like banking and protected internet access. It’s natural to look to the same organizations to help with digital identity. Secure identity exchange networks help responsible organizations to share user information, with the user’s consent. It may not work everywhere but does help in those services where identity matters the most.



Possible future scenarios

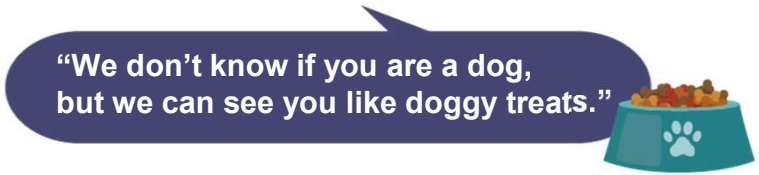
Self-Sovereign Identity

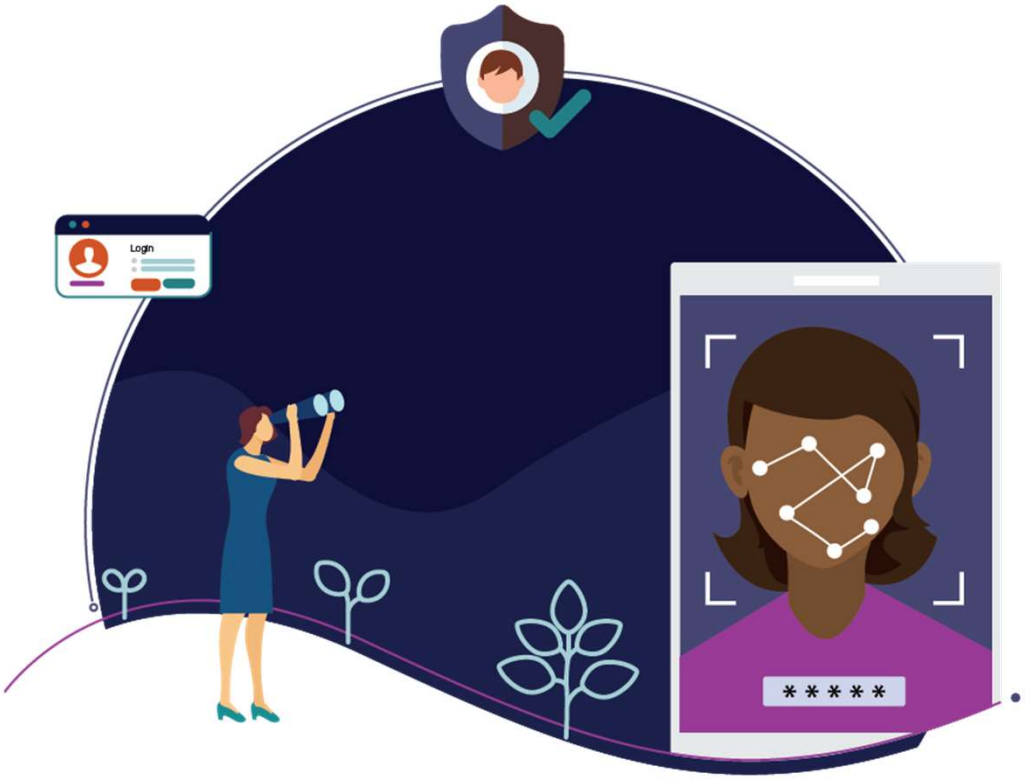
Users and businesses have begun to realize a need to fundamentally change the way personal data is managed. For businesses, personal data is a liability due to data protection risks. Users see the value of being able to hold data and take it where they need it. For this to work, data presented by users needs to be reliable and trustworthy. Some have started to use cryptographic wallets to collect and share signed data. Users need to look after their data, much like they look after their money.



Open APIs

Identity networks never really took off, due to a combination of users not really understanding what digital identity is and organizations not appreciating the longer-term business benefits. Organizations across the economy have been forced to open APIs allowing services to access user data (with the user’s consent) from other places. Users link together different services as the need arises. It is down to the individual service to piece together all the data it collects into something meaningful for the particular user. Most individual users don’t remember all the connections and links they have set up.





How do we ensure that identity will respect citizens and consumers?

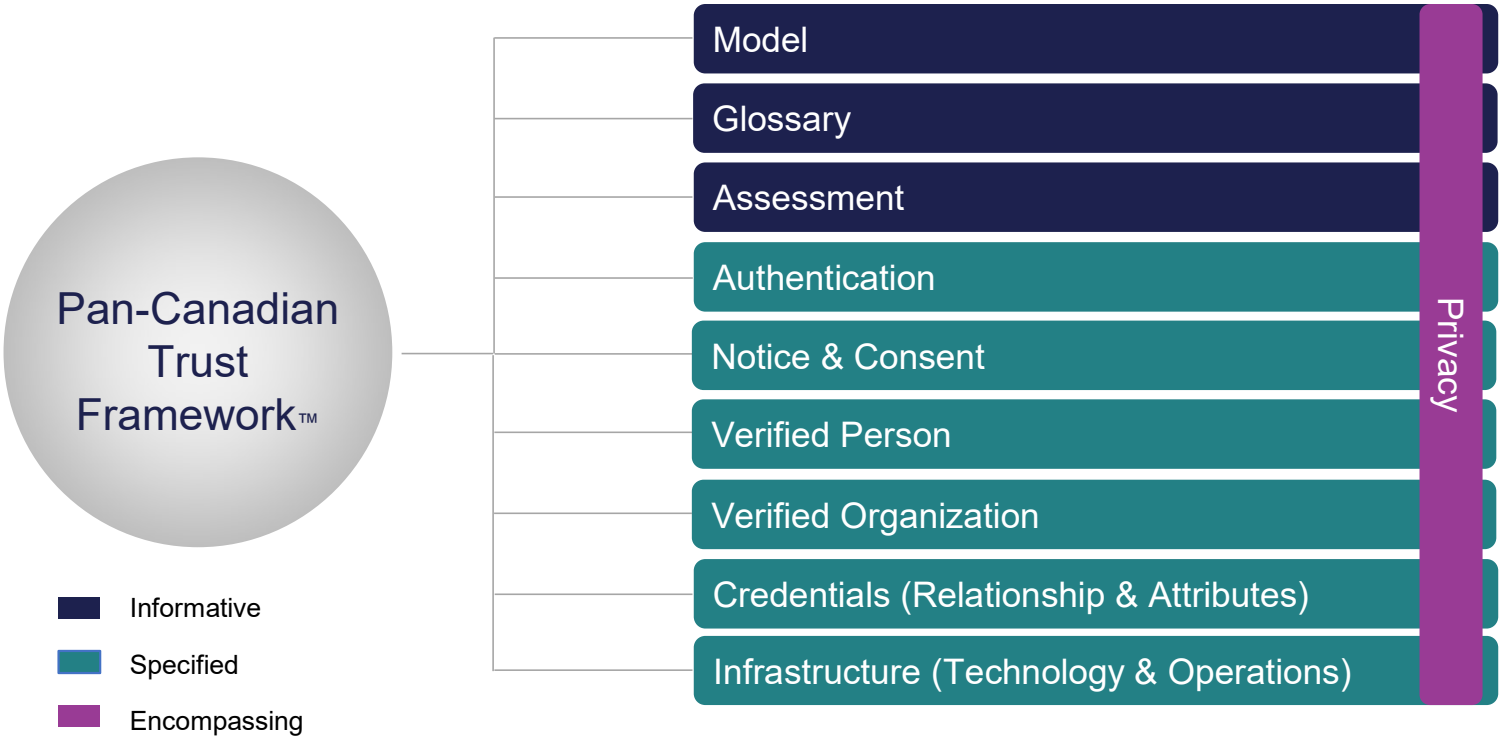
One Framework - Many Partners
Pan-Canadian Trust Framework (PCTF)

Security, **Efficiency** and **Economic Benefits** these are the foundations of the PCTF.

Led by the DIACC with **multi-sectoral pan-Canadian and international input**, the PCTF is connecting and enabling Canada's digital economy from coast-to-coast-to-coast.

Developed to secure **cross-sector identity interoperability** with a focus on industry standards and practices. PCTF is available @ **DIACC.ca**

A Pan-Canadian Trust Framework for Digital Services



A Framework to Unlock Identity Networks Utility

Consent, privacy, ethical use of identity information
with the **Pan-Canadian Trust Framework**™

Data Verifiers

- Governments
- Universities
- Banks
- Telco Providers
- Credit Agencies
- More

Data Requesters

- Governments
- Universities
- Banks
- Telco Providers
- Credit Agencies
- More

DIACC
Strong collaboration and leadership in Digital Identity is vital to Canada's economic and societal success.

The Digital ID & Authentication Council of Canada

Leading Canada's **full and beneficial global digital economy participation** by delivering a **digital identity and authentication interoperability framework.**

The DIACC is a **Non-profit coalition** of **public and private sector members** created as a result of federal government's Electronic Payments System Task Force.

DIACC Board of Directors

Government of Canada

Sustaining Members (Tier 3)

Sustaining Members (Tier 2)

Sustaining Members (Tier 1)

DIACC Strategic Goals

Accelerate

Interoperability through public and private sector adoption of the Pan-Canadian Trust Framework.

Develop

Develop and launch a certification program aligned with market needs.

Publish

The Pan-Canadian Trust Framework and identify legislative needs to support the vision.

Raise

Canada's identity innovation profile via DIACC as Canada's identity forum.

Create

Canadian expertise and intellectual property for excellence in identity.

© DIACC

Join the Conversation!

Adopt the Pan-Canadian Trust Framework to secure the foundation of digital identity that will enable innovative smart cities to work for all.

Contact us to join the conversation info@diacc.ca

diacc.ca @mydiacc /company/mydiacc /mydiacc