



Canadian Food
Inspection Agency

Agence canadienne
d'inspection des aliments

Canada's Plant Health Network

Dr. Pierre Bilodeau, Executive Director
Plant Health Science Directorate

CABI's Regional Consultation: Americas & Caribbean
11-14 Sept 2018, Ottawa, Canada



Canada

Call to action

- The Plant and Animal Health Strategy for Canada identifies the need for:

Coordination
through
Partnership

Collection,
Analysis and
Sharing of
Information

A System
Founded on
Prevention

Enabling
Desired
Behaviours

- Budget 2017: grow Canada's agri-food exports to at least \$75 billion annually by 2025

One Health Concept



The One Health concept recognizes the interrelationship between animal, human and environmental health.

The Canadian Plant Health Network

VISION

Connecting experts in plant health to address emergencies and resolve collective challenges by providing more rapid access to specialised knowledge and expertise, resources and capacities to support, protect and improve Canada's plant resource base

Key Stakeholders



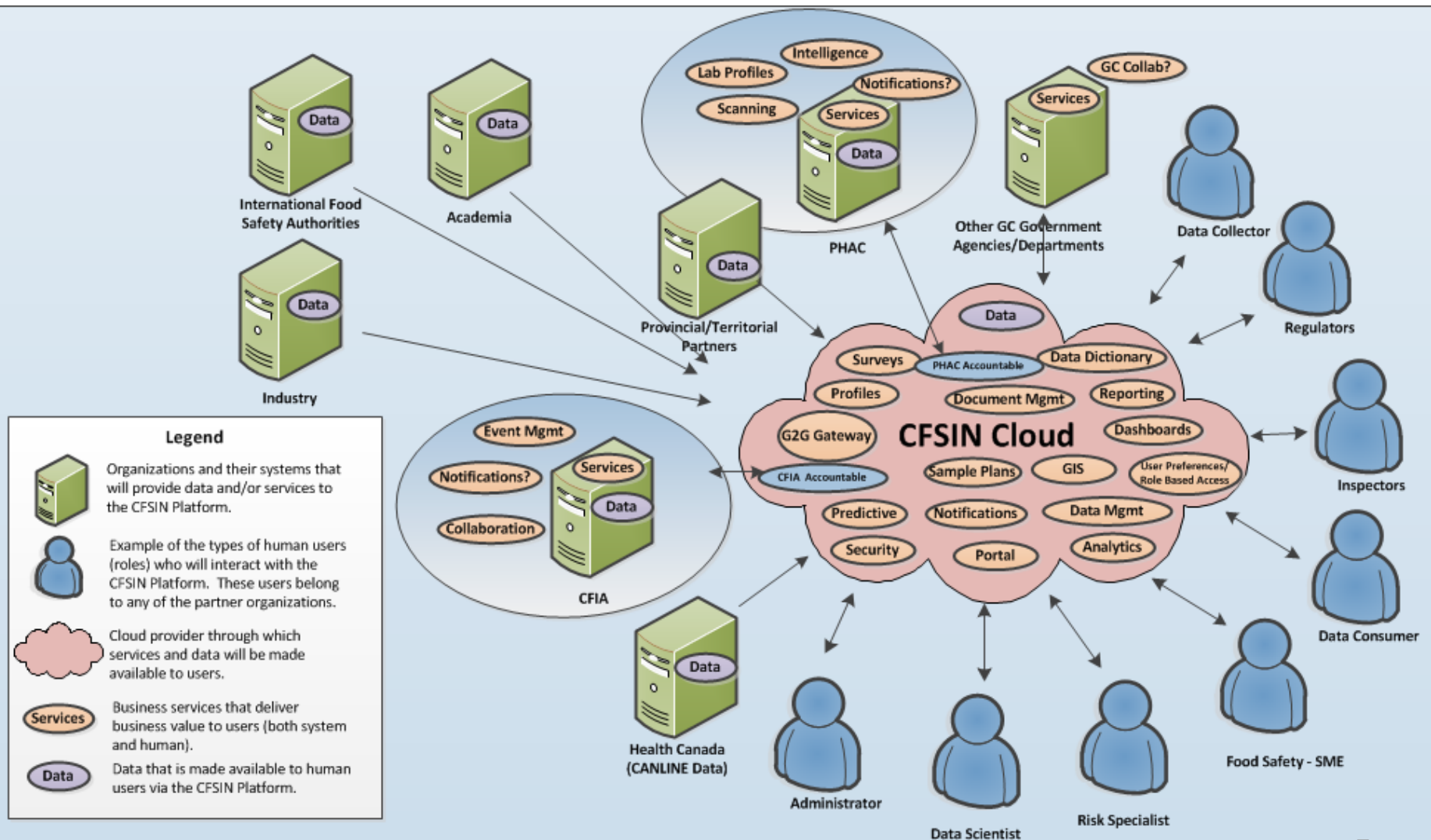
Building the network: Current activities

- Mapping of existing and desired information exchanges
- Review of existing systems and standards
- Development of interoperability plan

Canadian Safety and Security Program

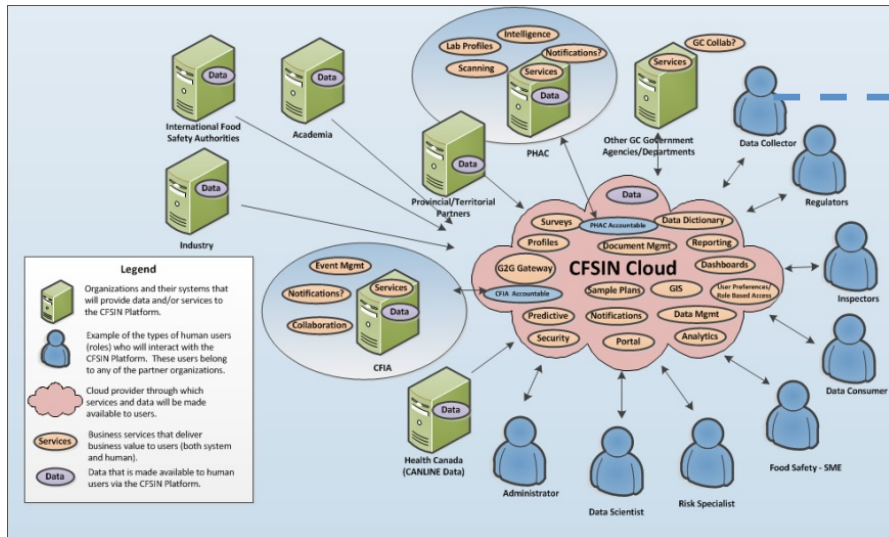
*“A safe and secure
Canada through science
and technology
leadership”*

CFSIN Vision – Conceptual View



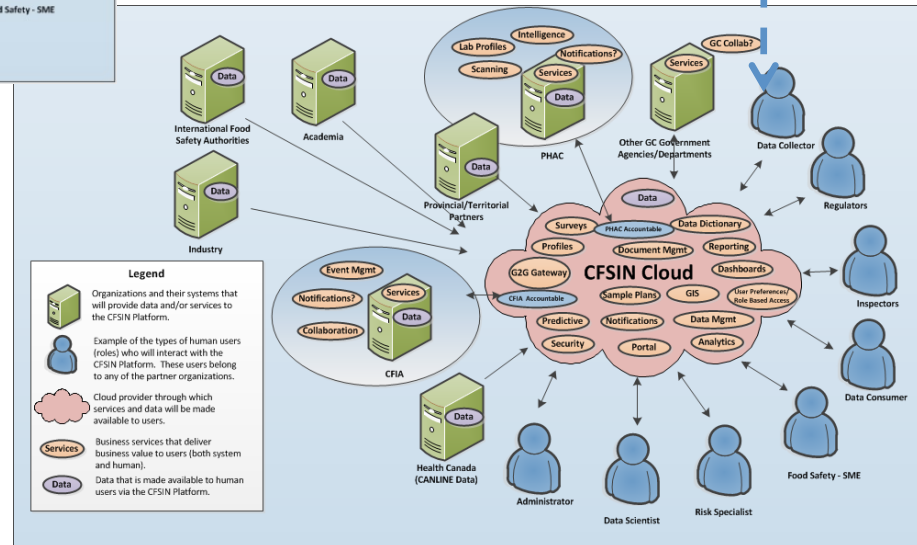
CFSIN and Beyond – Conceptual View

CFSIN – Food Safety Platform



Extendable for:

Plant Health Platform



Interconnected networks of experts

Surveillance

- ✓ Identification of shared priorities and opportunities for collaboration
- ✓ Common protocols to enable integration of data
- ✓ Amplified communications to enlist citizens

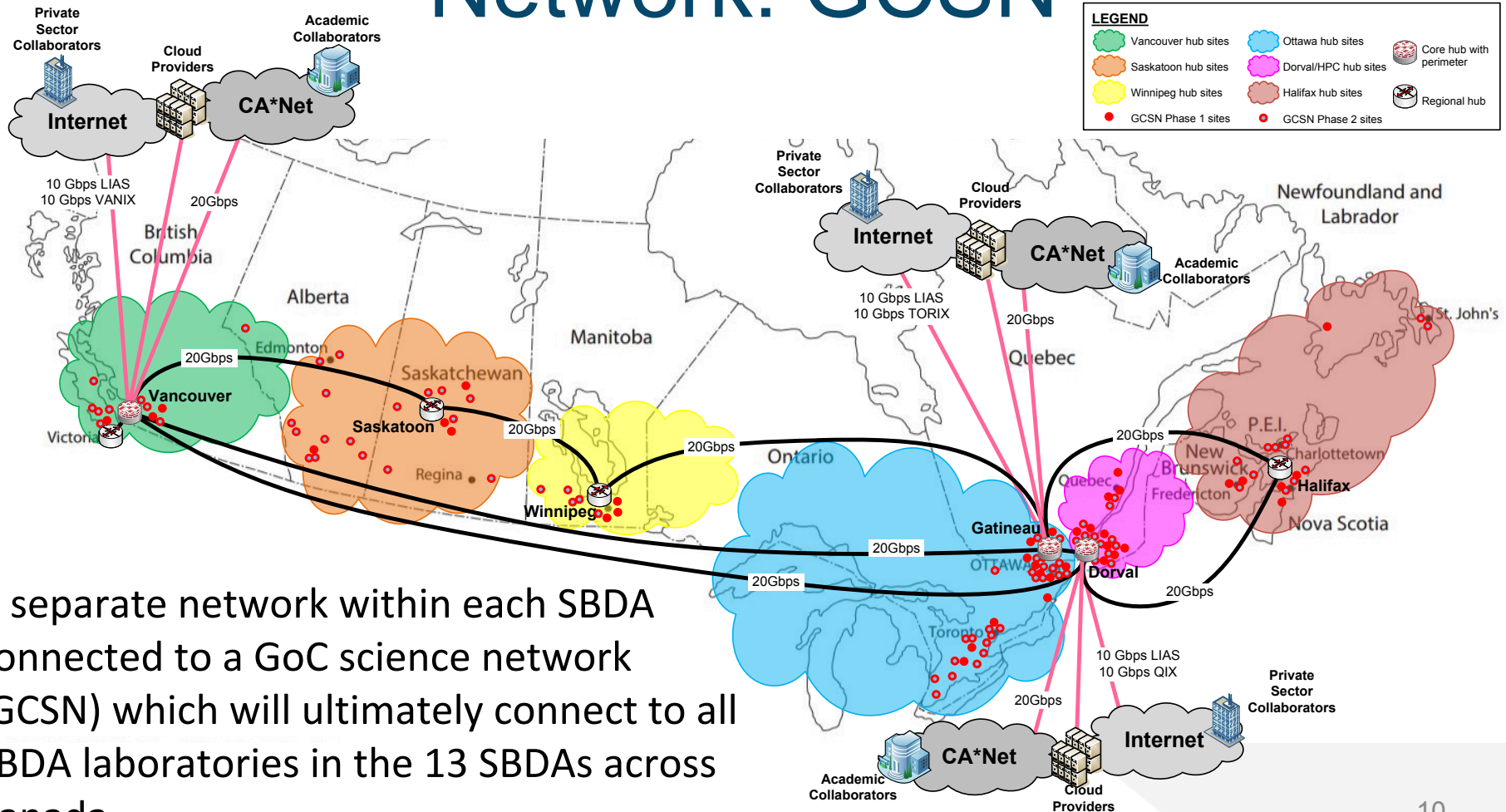
Clean Plant

- ✓ Collaborative program development
- ✓ Supportive, interconnected research community
- ✓ Consistent outreach messaging to increase uptake

Lab Diagnostics

- ✓ Surge capacity for improved emergency response
- ✓ Shared training programs and capacity development
- ✓ Network of experts to identify novel specimens

Government of Canada Science Network: GCSN



Related partnerships

Canadian Plant Health Council

- Established to implement the Plant and Animal Health Strategy, and could play a role in developing the Network

Plant Health Science Thought Leaders

- Thought leaders from plant science research institutions
- Committed to developing a vision for plant health science in Canada

Next Steps

- Pilot interoperability plan in surveillance
- Link in the Canadian Plant Health Council
- Finalize key programmatic features for the Sidney Centre for Plant Health
- Develop the basis for a Canadian Clean Plant Network
- Reach out to all stakeholders to validate a Plant Health Vision for Canada

Final thoughts

- There has been a recent mobilization of the plant health community in Canada to bring about improvements to plant health
- Building a Plant Health Network, alongside other related initiatives, will enable us to strengthen protection of our plant resources

Canada 

Benefits of a “Formal” Network

