

CLUSTERS, INTERNATIONAL TRADE, AND GLOBAL COMPETITIVENESS



The Canadian Perspective



@CanCGMPLS



/CanCGMPLS

Mapping the
Midwest's
Future:
Regional
Innovation
Clusters &
Competitiveness

September 30,
2014

Jamshed Merchant
Consulate General
of Canada

@Jamshed_MPLS



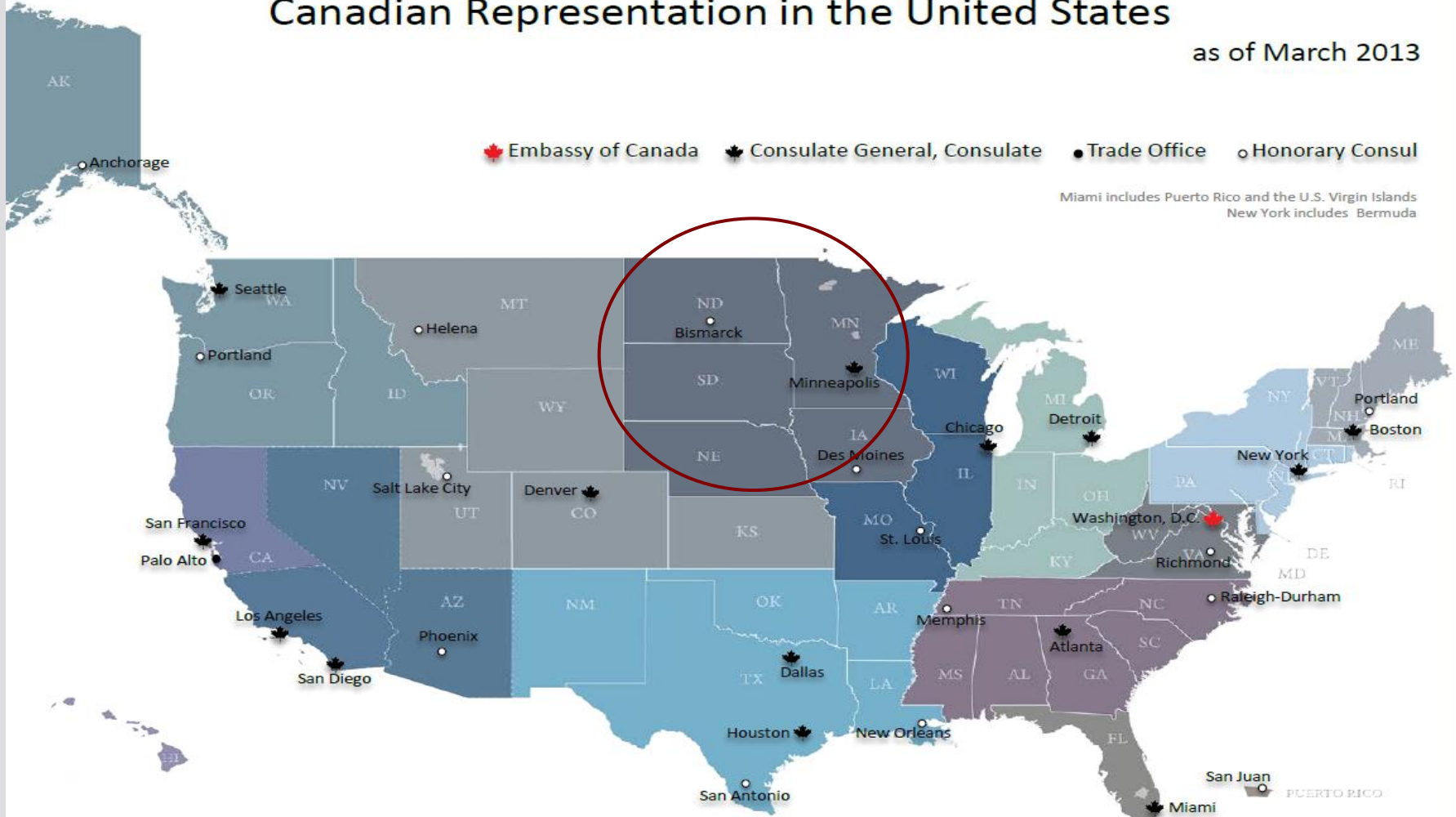
CANADA'S U.S. DIPLOMATIC PRESENCE

Canadian Representation in the United States

as of March 2013

 Embassy of Canada  Consulate General, Consulate  Trade Office  Honorary Consul

Miami includes Puerto Rico and the U.S. Virgin Islands
New York includes Bermuda





CANADA AT A GLANCE

Key Statistics

		<i>Rank</i>
Population	35.2m	36
GDP (PPP)	\$1.8t	11
GDP per capita	\$52,000	11
GDP Growth Rate	2.0%	117
Life Expectancy	81	14
Urbanization	81%	47

Source: World Bank



Top exports:

Crude Oil & Bitumen	\$81.0B
Motor Vehicles & Parts	\$68.1B
Consumer Goods	\$52.1B
Intermediate Metal Products	\$43.1B
Chemical Products	\$34.9B
Forestry Products	\$33.7B
Industrial Machinery	\$26.8B
Farm & Fishing Products	\$22.1B
Metal Ores & Minerals	\$17.9B
Aircraft Equipment & Parts	\$17.4B

2013; Source: StatsCanada





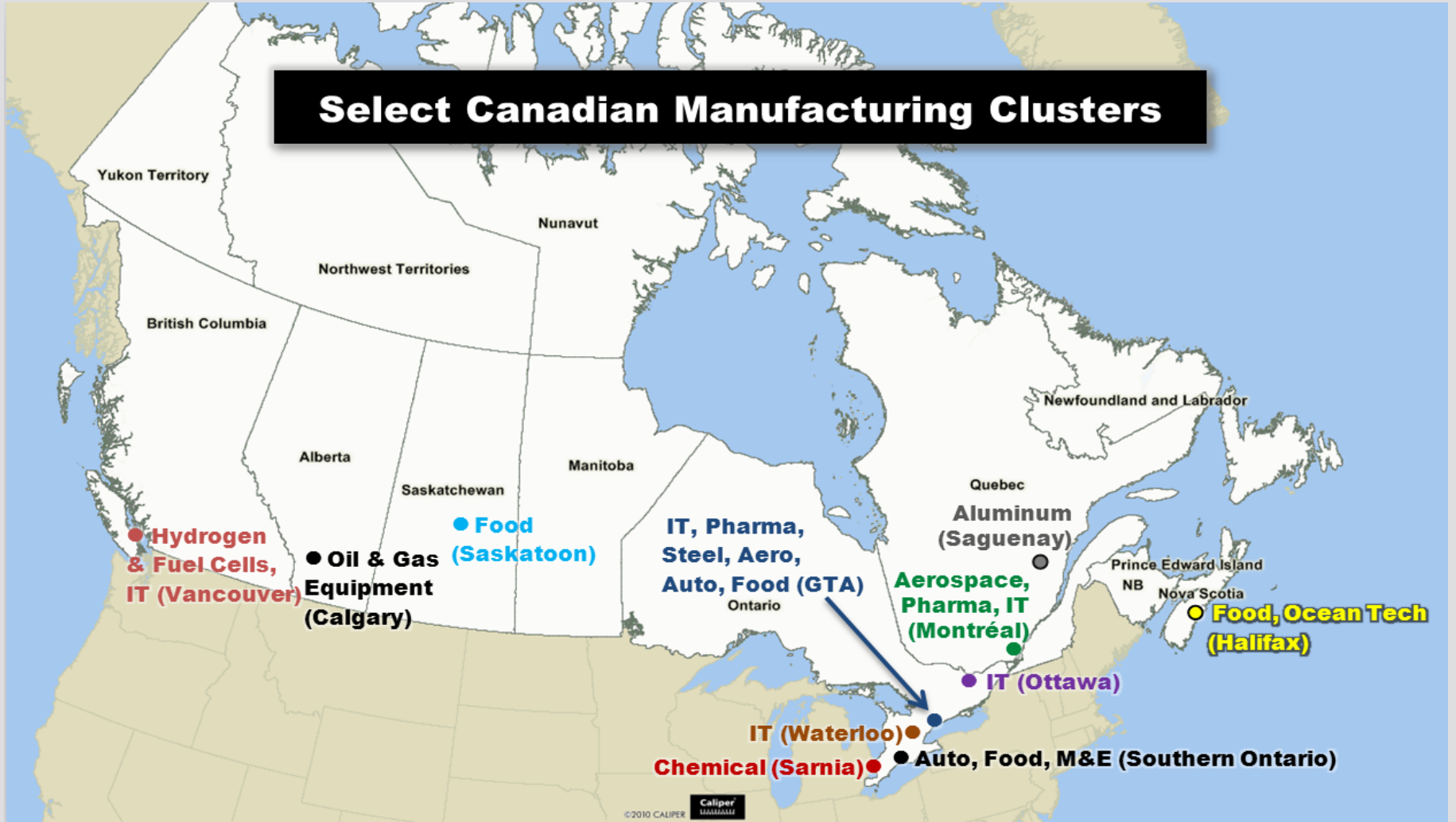
ENHANCING REGIONAL DEVELOPMENT: CANADIAN VIEWS ON “CLUSTERS”

- **Clusters contain:**
 - an industrial base, made up of anchor firms, suppliers and/or related businesses;
 - supporting infrastructure; and
 - An innovation ecosystem, in which research institutes and academia collaborate with industry on R&D, supply the critical mass of skilled workers and incubators and accelerators to support firm creation
- **Firms in clusters perform better. Clusters:**
 - ...make firms within generally more productive and innovative;
 - ...increase supply and access to skilled workers;
 - ...attract foreign investment; and,
 - ...help firms access global markets and enter global value chains



WHERE ARE CANADA'S CLUSTERS?

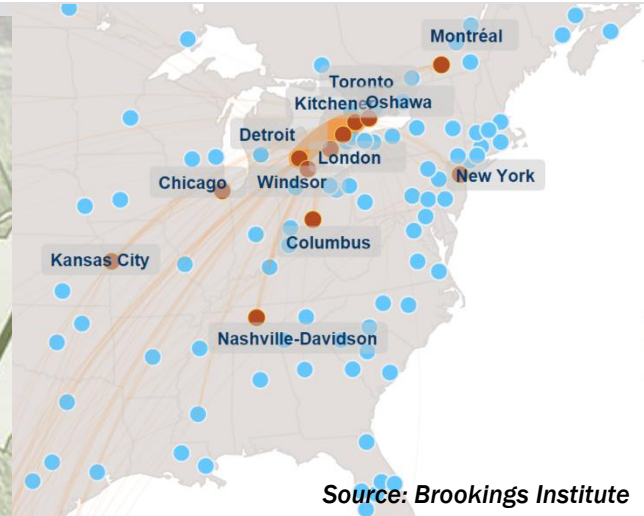
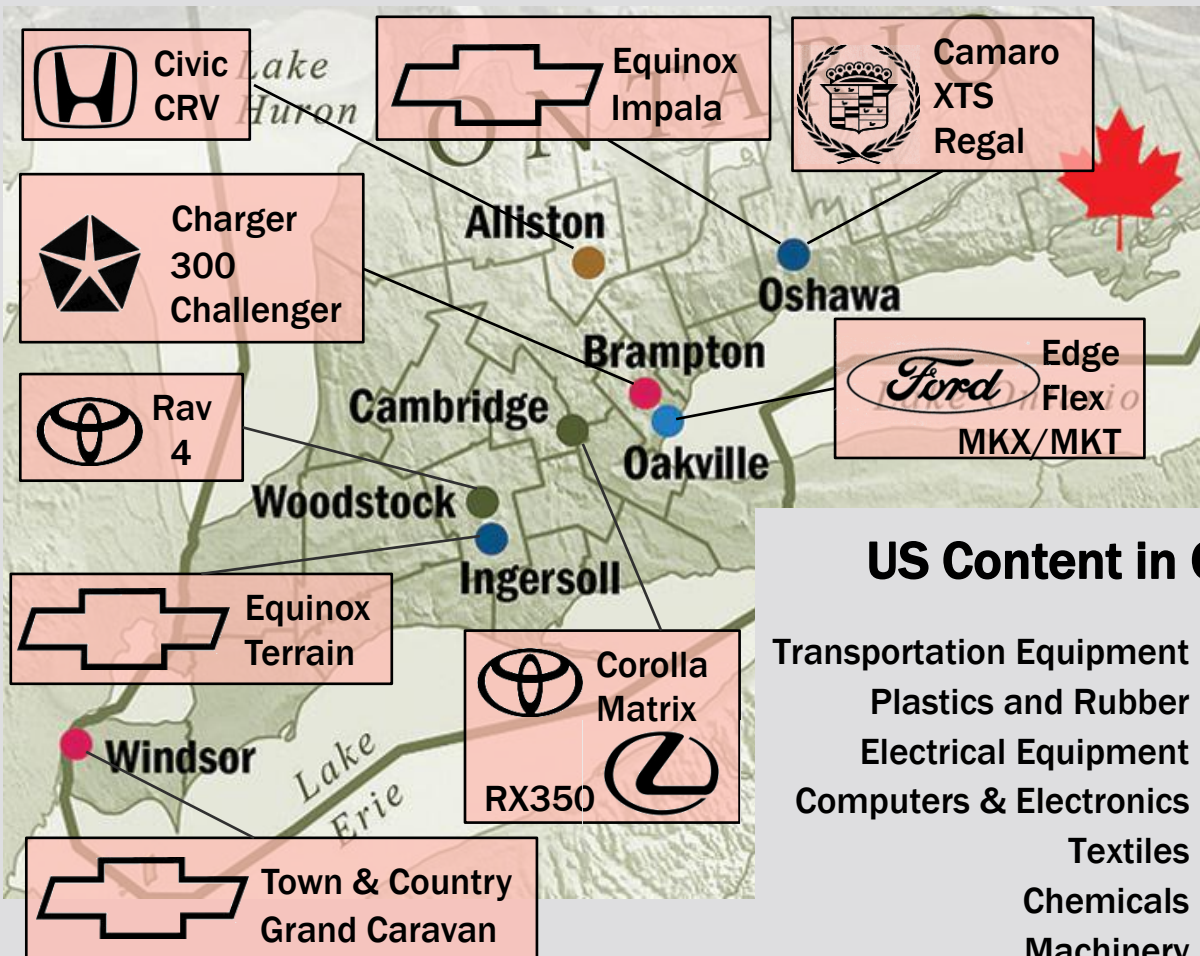
Select Canadian Manufacturing Clusters



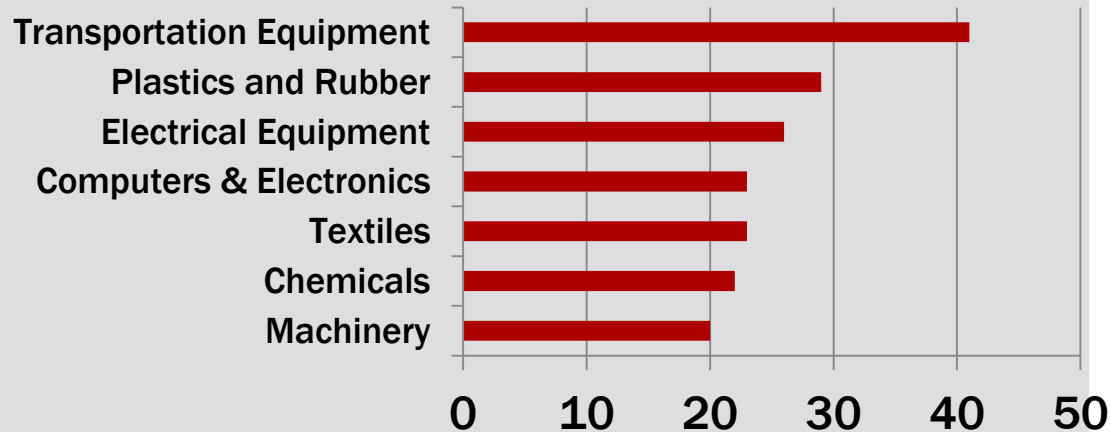


Canada

AUTOMOTIVE



US Content in Canada-to-US Exports (%)





Canada

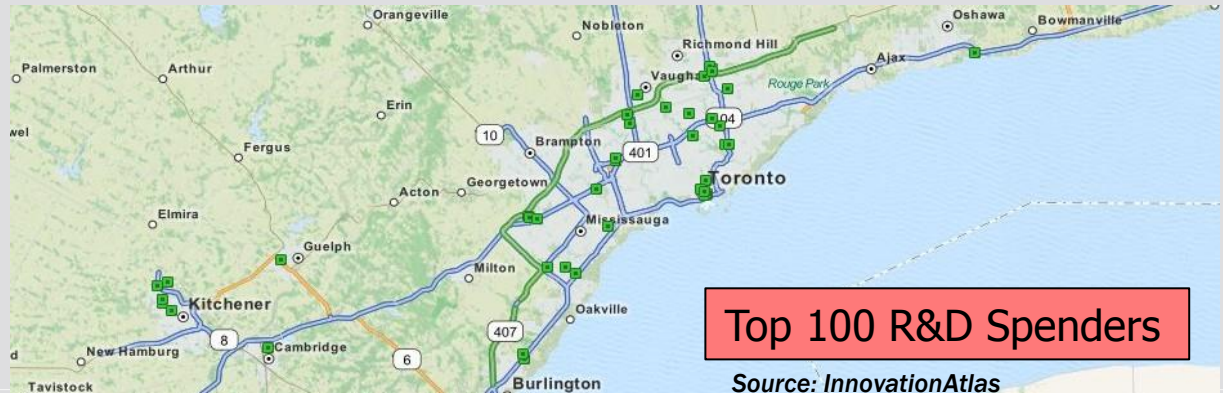
ICT

Ontario is the second largest IT cluster in North America

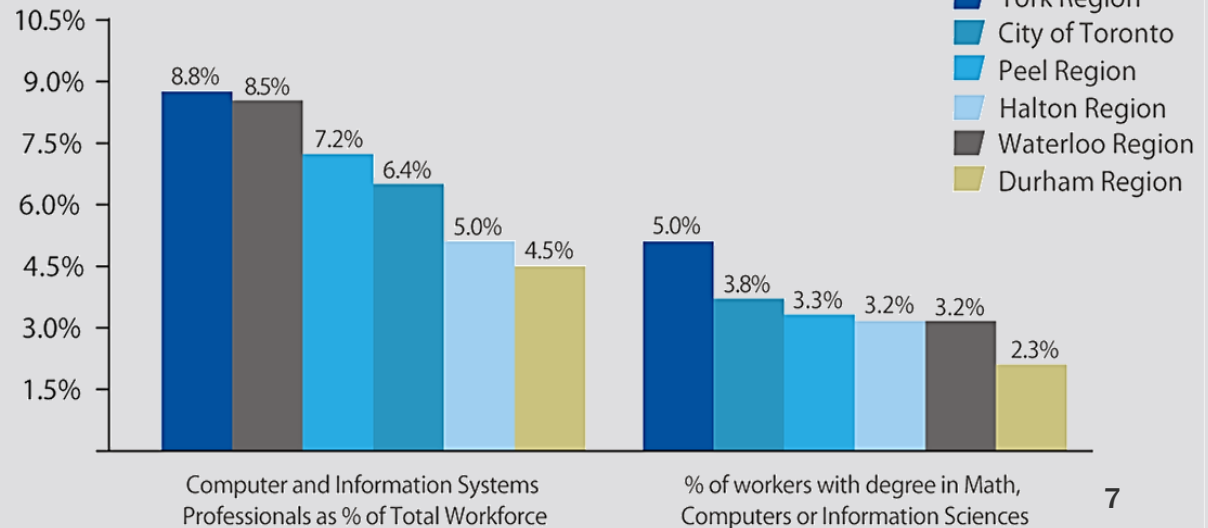


2

- 1 CALIFORNIA
- 2 ONTARIO
- 3 TEXAS
- 4 NEW YORK



ICT Workforce Breakdown: Select Canadian Municipal Regions



Waterloo Technology Triangle



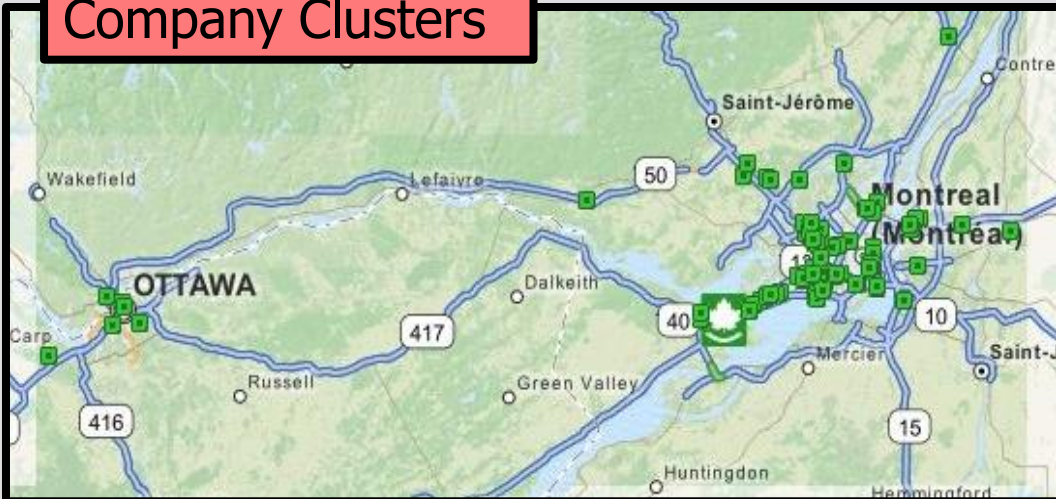
Canada

PHARMACEUTICALS



Pharmaceutical Company Clusters

Source: InnovationAtlas



Toronto

Advancing Generics

This block displays the logos for pharmaceutical companies located in the Toronto cluster. The logos include APOTEX (a blue pill-shaped logo), gsk (a red pill-shaped logo), TEVA (a green outlined logo), and Roche (a blue hexagonal logo).

Montreal

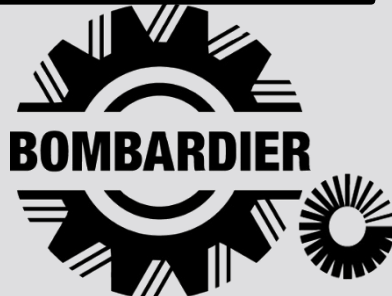
This block displays the logos for pharmaceutical companies located in the Montreal cluster. The logos include pharma science (a blue logo with a stylized 'P'), MERCK (a green logo with a stylized 'M'), Pfizer (a blue logo with a stylized 'P'), SANDOZ (a blue logo with a stylized 'S'), and gsk (a red pill-shaped logo).



Canada

AEROSPACE

Montreal's
Aerospace
Cluster



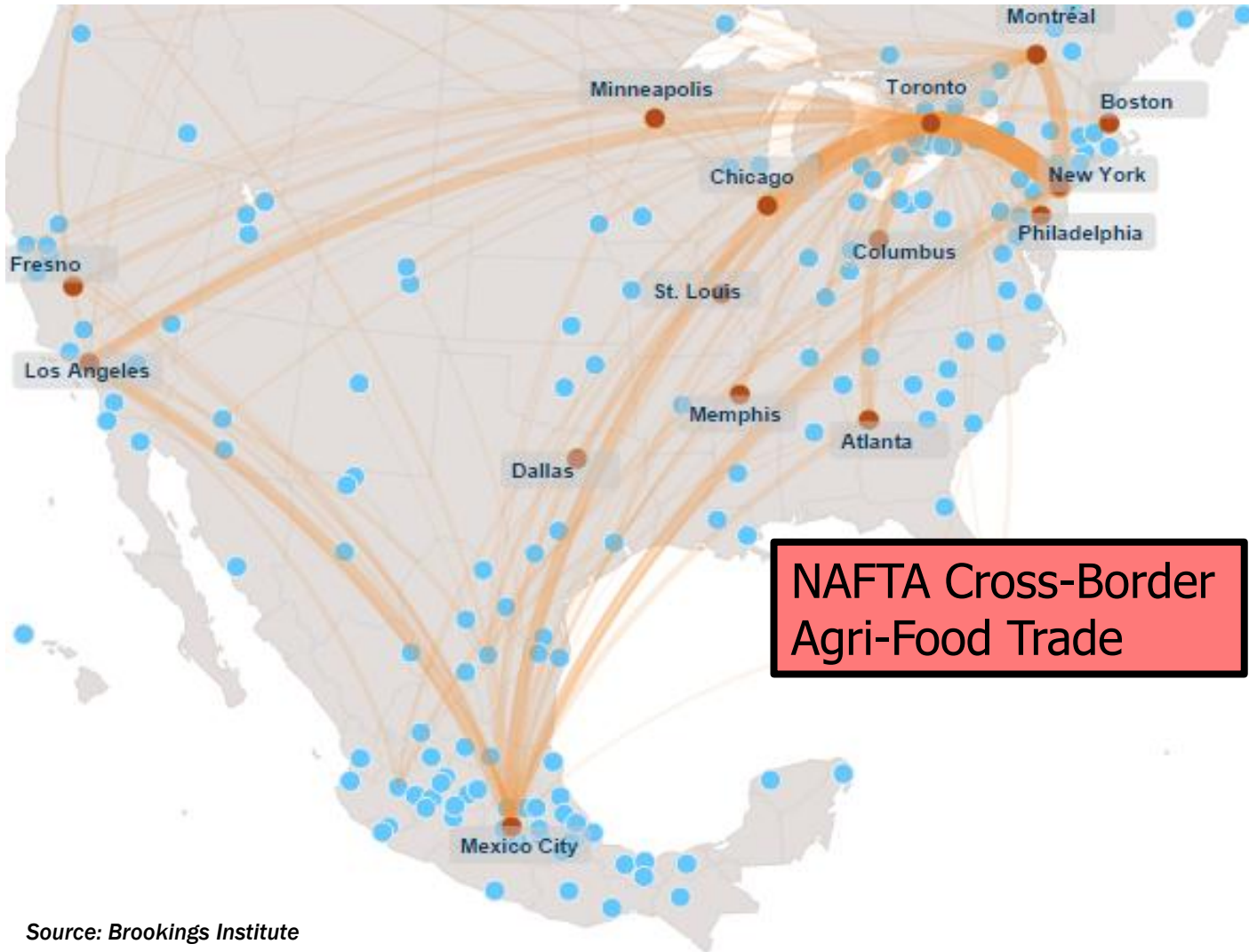
Pratt & Whitney Canada

Une société de United Technologies / A United Technologies Company





AGRI-FOOD



NAFTA Cross-Border Agri-Food Trade

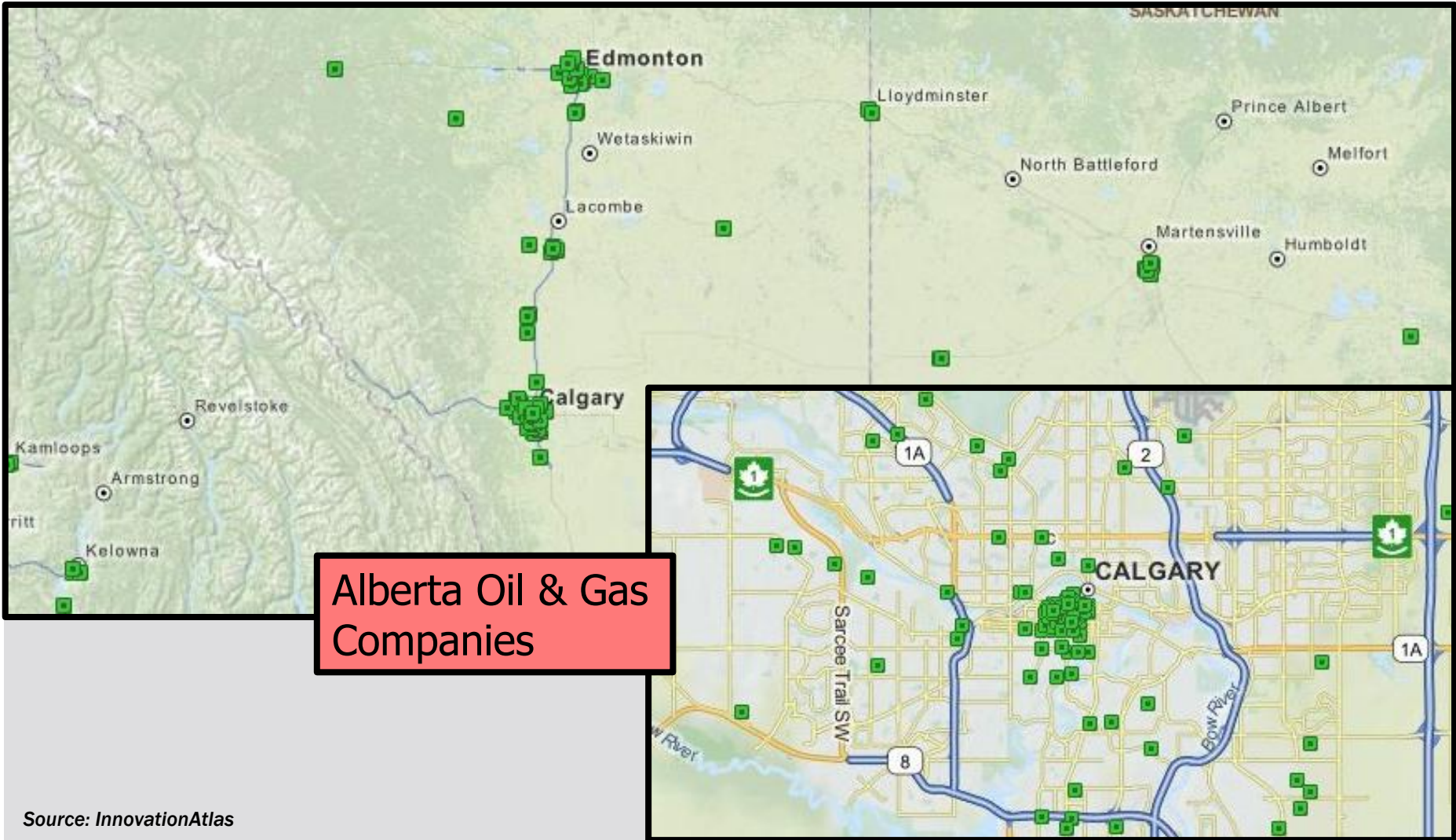


Source: Brookings Institute



Canada

OIL & GAS



THANK YOU

Jamshed Merchant, Consul General

jamshed.merchant@international.gc.ca



@Jamshed_MPLS



Mapping the
Midwest's
Future:
Regional
Innovation
Clusters &
Competitiveness

September 30,
2014



@CanCGMPLS



/CanCGMPLS