Digital Technology and Manufacturing in Canada

Philippe Ferland

Market Associate, Europe at Invest in Canada

EUCLUSTERS MATCHMAKING EVENTS
EUROPEAN CLUSTER COLLABORATION PLATFORM
European Commission
enterprise europe network
Business Support on Your Doorstep
Canada
AI
SCALE|AI

Digital Technology and Manufacturing in Canada

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Agenda

- Who We Are
- Why Canada
- Digital Industries
  - Artificial Intelligence
  - Quantum Computing
- Advanced Manufacturing
- Programs and Incentives

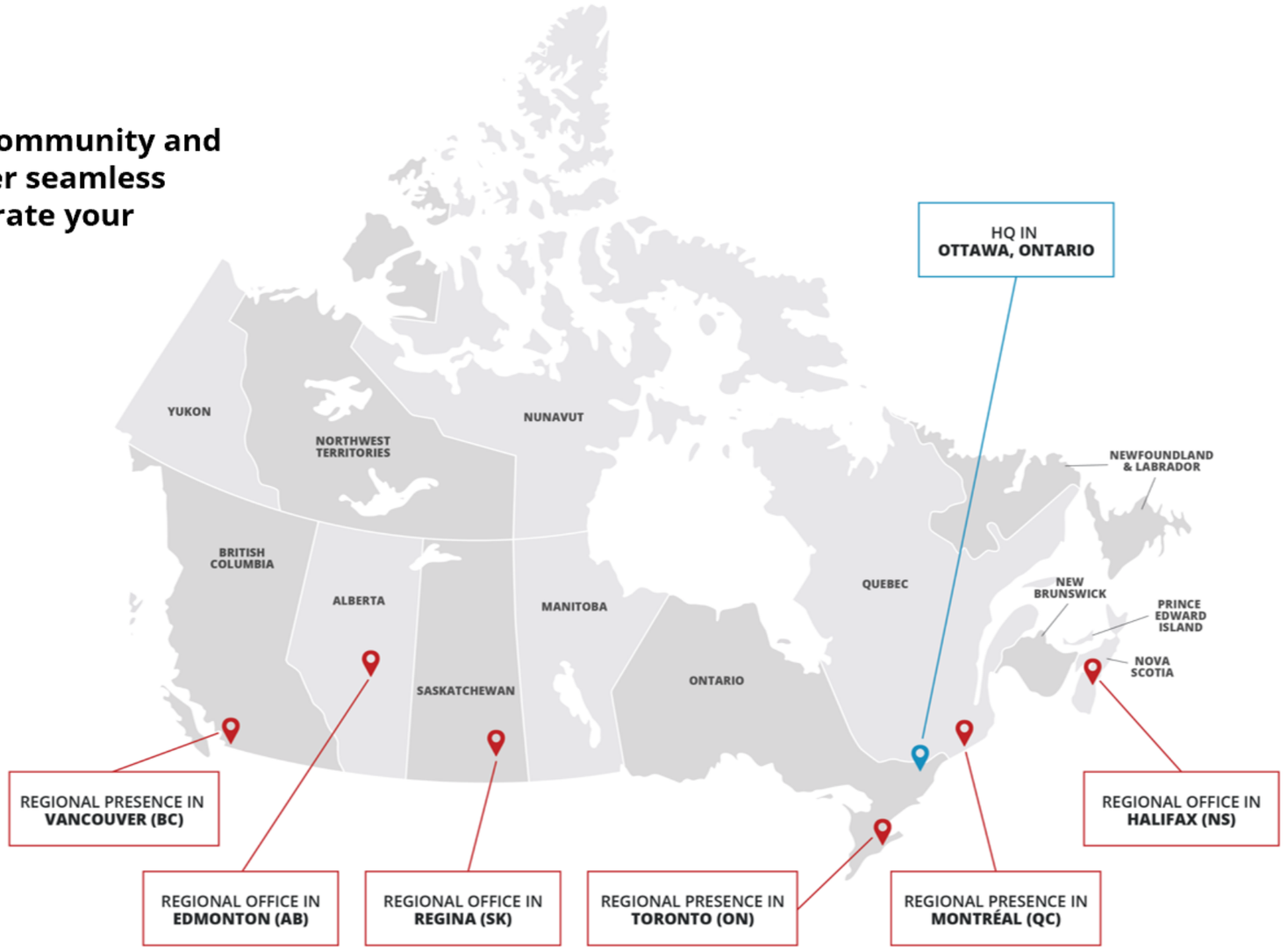
WHO WE ARE

Invest in Canada: Bringing industry, community and government partners together to offer seamless services that make it easier to accelerate your expansion in Canada.

KEY FACTS:

- Established as a Departmental Corporation in March 2018
- Private sector board of directors with a range of expertise

invest IN CANADA | investir AU CANADA



HOW WE HELP COMPANIES

INVESTMENT ANALYSIS

- Single window for all services related to investments in Canada
- Coordinated approach between federal, provincial and municipal partners to support your analysis and site selection process
- Data and information to support the development of your business case on this project
- Strategic market intelligence on your specific industry
- Planning, coordinating and executing site visits and key meetings across Canada

ROADMAP

- Guidance and advice on doing business in Canada and navigating the regulatory environment
- Advice and insights on applicable government funding programs and step-by-step counseling on the application process
- Identification of potential tax, R&D credits and other incentives to support your investment

INTRODUCTIONS

- Introductions to Federal, Provincial and Municipal government organizations that can help you access local investment opportunities, networks and programs
- Introductions to key contacts in the private sector, academia and government
- Strategic industry events and international activities
- Referrals to investment support professionals, such as lawyers, accounting firms, and private-sector industry associations

CANADA CONNECTS

GLOBAL MARKET ACCESS

15 Trade Agreements
51 Countries
1.5 Billion Consumers
61% of the world's GDP
Source: Global Affairs Canada, 2022

TRANSPORTATION

117 Border Crossings to USA
Source: Canada Border Services Agency

17 Canada Port Authorities
Source: Transport Canada

23 International Airports
(41 Airports of Entry)
Source: Canada Border Services Agency

National Highway System
Core Routes
Feeder Routes
National Railway

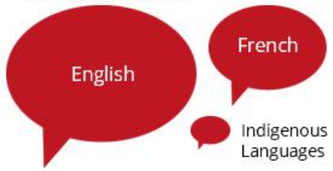
PREFERENTIAL MARKET ACCESS

Free trade agreements

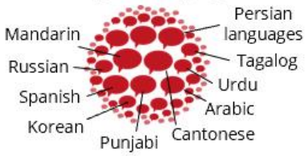
Through preferential trade access to North and South American, European and Asian markets, companies in Canada can reach customers across the globe.

200+ SPOKEN LANGUAGES

Source: Statistics Canada, 2021



10 Most Spoken Immigrant Languages



WHY CANADA

Global Market Access

Canada's free trade regime provides access to 1.5 billion consumers and 61% of the world's GDP.

Source: Global Affairs Canada, 2022

Trade Infrastructure

Canada maintains 17 port authorities, 23 international airports and 117 border crossings with the U.S. It also has a national highway and railway network.

Focus on Innovation

Canada's tech-oriented Global Innovation Clusters are working to support leading, innovative companies across the country.

200+ Spoken Languages

In addition to English and French, other key languages include Mandarin, Punjabi, Cantonese, Arabic and Spanish.

Source: Statistics Canada, 2021

STEM Talent

Canada produced 137,000 STEM graduates in 2020 (34,844 in Ontario) and that talent is 10% to 30% more cost competitive than in the US.

Source: Statistics Canada 2022

Sound Banking System

Canada is home to the top six safest banks in North America. These same six banks are ranked among the top 35 in the Top 50 World's Safest Banks.

Source: Global Finance, 2023

Access to Global Talent

Canada has open and progressive immigration policies, with targets to attract 500,000 highly skilled immigrants per year.

Source: IRCC 2023

Commitment to Clean Energy

Canada ranks 14th globally on the 2023 Green Future Index.

Source: The Green Future Index, 2023

TECH TALENT IN CANADA

Canada's tech workforce has grown much faster than the U.S. in recent years, with a 15.7% growth rate since 2020, versus 11.4% for the U.S. Toronto added the second-most tech jobs among North American cities from 2017-2022 at 63,800, followed by Montréal at 51,500 jobs. All four markets with the highest tech job growth rate between 2017 and 2022 are in Canada: Vancouver (69%), Calgary (61%), Waterloo Region (52%) and Edmonton (45%).

CBRE's 2023 Tech Talent report highlighted both large (classified as over 50,000 workers) and small tech markets in Canada and included three Canadian cities in its list of "North America's Next 25 Markets":

- **Large markets:** Toronto, Montréal, Vancouver, Ottawa, Calgary
- **Small markets:** Québec City, Edmonton, Waterloo Region
- **"Next 25" markets:** Halifax, London (Ontario), Winnipeg

Canada

is the most educated country in the OECD: 62% of Canadian adults have a post-secondary degree

150,000

Tech jobs have been added across Canada since 2020, a growth rate of nearly 16%

NOTABLE TECH INVESTMENTS IN CANADA

2020: Mastercard announced a $510 million cybersecurity centre in Vancouver, BC, following their acquisition of NuData Security in 2017.

2022: Siemens Canada announced that it will continue to expand its footprint in New Brunswick and increase its global cybersecurity offering with the official inauguration of the Critical Infrastructure Defense Center (CIDC).

The center is the first facility of its kind in the Siemens realm dedicated to Critical Infrastructure Protection (CIP) focused on Operations Technology (OT). Siemens has been investing in its Canadian cyber initiatives since launching its Cybersecurity R&D Center in May 2018.

2022: IBM Canada, a subsidiary of U.S.-based technology and IT consulting firm IBM, has announced that it will open a new client innovation centre in Fredericton, Canada.

The facility will focus on delivering consulting services along with Oracle-based technologies, cloud, machine learning, robotic process automation (RPA), the Internet of Things, blockchain and more, aiming to create 250 new jobs. The project is supported by investment promotion agency Opportunities New Brunswick.

2022: Nokia announced the expansion of their Canadian HQ in Ottawa to focus on 5G, cybersecurity, artificial intelligence (AI) and machine learning, accelerating growth in cloud software, and enhancing digital identity management and security for devices connected to critical networks. The investment is expected to create more than 340 new, high-value jobs.

2023: Amgen announced the expansion of their partnership with Mila aimed at further transforming artificial intelligence (AI)-guided drug development.

As part of this expansion, Amgen is establishing a corporate laboratory within Mila's headquarters, where scientists from both organizations will interact and engage.

This announcement extends the partnership between the two organizations that began in 2021.

2023: U.S.-based **Meta**, a social networking company, has announced plans to open a new engineering hub in Toronto, Canada. The hub is expected to create 2,500 new jobs, mostly engineering roles, over several years.

The company will focus on extended reality experiences and meta technologies, with artificial intelligence and other teams being developed.

2024: Coro, the pioneer of the modular cybersecurity platform for the midmarket, announced the opening of its London-based Research & Development Center, and the establishment of local data centers in both Canada and Germany..

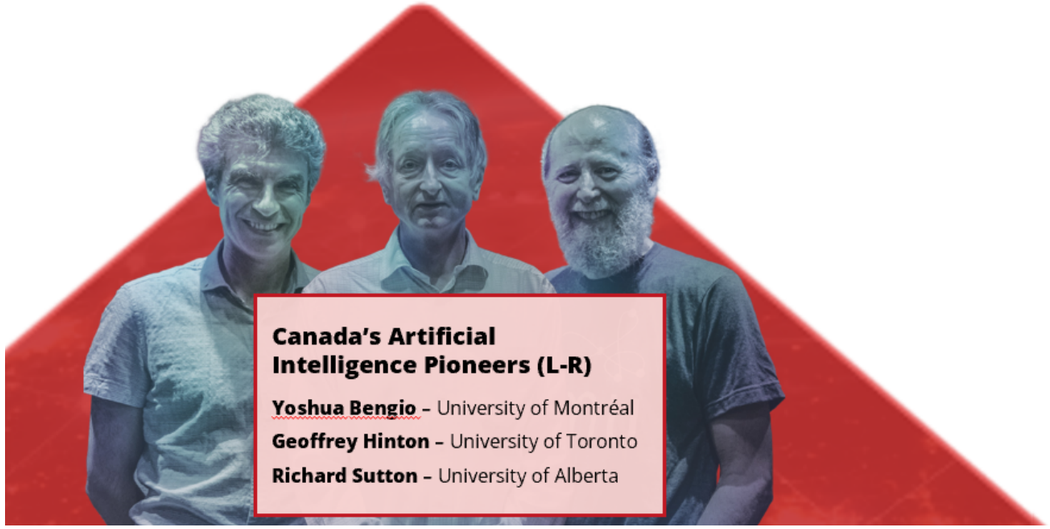
"Nokia's R&D hub will generate net-new Canadian IP and bring innovative advanced telecommunications and cybersecurity technologies to market, helping us achieve our goal of improving people's lives in Canada and across the world."

- Jeffrey Maddox, President, Nokia Canada

ARTIFICIAL INTELLIGENCE IN CANADA

Home to many of the world's brightest minds in the field of artificial intelligence, Canada continues to attract global talent and capital. That's why global companies are choosing to locate in AI centres throughout Canada to get access to the deepest and highest quality pool of AI talent.

Canada features **three AI institutes in partnership with CIFAR**: Alberta Machine Intelligence Institute (Amii), Mila and the Vector Institute in Toronto, all headed by leaders in AI.



Canada's Artificial Intelligence Pioneers (L-R)

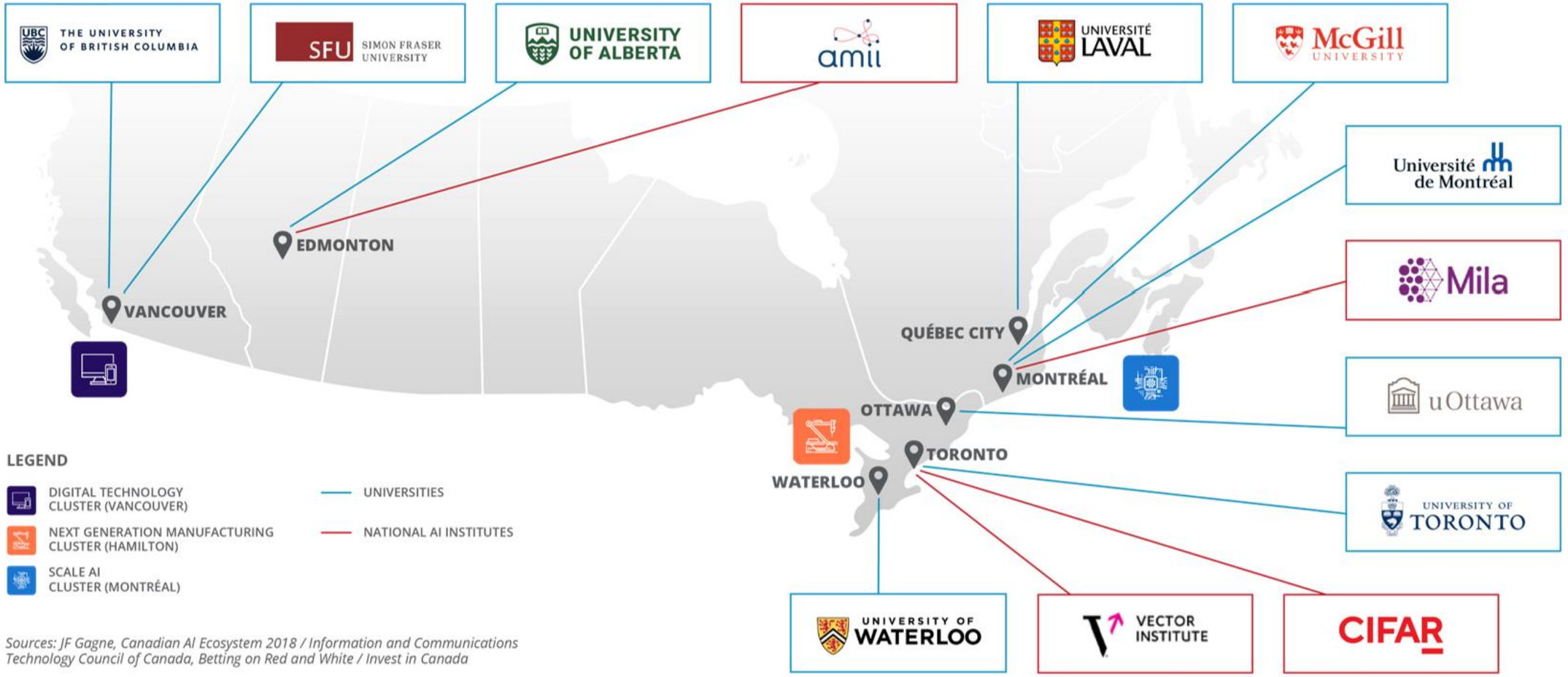
Yoshua Bengio – University of Montréal
Geoffrey Hinton – University of Toronto
Richard Sutton – University of Alberta

Notable announcements

May 2023 – Cohere raised $270 million of Series C venture funding in a deal led by Inovia Capital on June 8, 2023, putting the company's pre-money valuation at $1.75 billion. Alphabet, Nvidia and nine other investors also participated in the round.

November 2023 – Microsoft has announced plans to open a new data centre in Donnacona, Canada. This is part of a $500m investment plan in which it will expand its hyperscale cloud computing and artificial intelligence innovation infrastructure in Quebec up to 2025, increasing the size of Microsoft's cloud infrastructure footprint by 750% across Canada.

KEY AI HUBS IN CANADA



Sources: JF Gagne, Canadian AI Ecosystem 2018 / Information and Communications Technology Council of Canada, Betting on Red and White / Invest in Canada

KEY INDUSTRY VERTICALS FOR AI APPLICATIONS IN CANADA

Healthcare

In Canadian healthcare, not only is cost mitigation a priority, but increasingly are meeting the needs of the aging population and long-term care and a shift to preventative medicine along with personalized digital health platforms.

The healthcare vertical in Canada accounts for over 20% of all AI-powered firms, capturing over $700 million in total VC funding.

Examples of Canadian companies:

BenchSci (Toronto, ON) uses machine learning to help scientists find and purchase antibodies for their experiments, saving time and money.

Imagia (Montréal, QC) pairs the latest advances in oncology with machine learning to provide oncology professionals with the insights needed to inform targeted treatment decisions.

Financial services

Product and service innovation, operating model redesign, data sharing and specialization across the changing financial services landscape all drive from AI's ability to refine service delivery in Canada.

In Canada, financial services accounts for over 17% of AI firms, second to healthcare, raising $545 million in VC funding.

Examples of Canadian companies:

Borrowell (Toronto, ON) operates an online lending platform intended to offer personal loans and free credit scores.

Clearco (Toronto, ON) is a developer of an online financial platform designed to provide growth capital to e-commerce and B2B companies to grow.

Government operations

Government operations is the third-most targeted industry by AI firms in Canada. Representing 10% of all AI firms, the opportunity to integrate with public services and procurement remains a priority for Canada.

This category includes startups working on smart city planning, surveillance, urban space design, disaster management, policy prediction outcomes, water utility management, in addition to government operations specific needs such as networks and technology infrastructure and IT modernization.

Examples of Canadian companies:

NuEnergy.ai (Ottawa, ON) is an AI management software and professional services firm that helps build guardrails for organizations that develop or deploy AI to mitigate risk and maintain trust.

UrbanLogic (Surrey, BC) is a cloud-based application with an urban data analytics platform intended to make city planning faster, cheaper and more accurate for public officials.

KEY INDUSTRY VERTICALS FOR AI APPLICATIONS IN CANADA

Advanced manufacturing

The significance of manufacturing in Canada's AI ecosystem is clear, as the category raised over $400 million in funding and consists of 7% of all AI firms in the nation.

AI applications are contributing to the advancements of 3D printing, including the connection to IoT, sensors and robotics, demand forecast accuracies, self-learning and monitoring, making manufacturing processes more predictable and controllable, reducing costs and delays and defects.

Examples of Canadian companies:

Eigen Innovation (Fredericton, NB) is a developer of AI-based IoT software designed to help industrial manufacturers optimize their production operation.

Interaptix (Toronto, ON) is a company intended to fundamentally revolutionize how people interact with the world and one another with augmented reality tools to increase productivity and safety.

Auto tech

Canada is home to five global OEMS and over 700 parts suppliers.

AI enables the automotive and mobility sector to build autonomous vehicles, perception software, fleet management solutions, deep learning for HD map generation, predictive vehicle maintenance, driver monitoring systems and AV simulation software.

Examples of Canadian companies:

Blackberry QNX (Ottawa, ON) leverages AI and ML for autonomous vehicles and long-term transportation research, including the use of 5G networks.

LeddarTech (Québec City, QC) is a leader in environmental sensing solutions for autonomous vehicles and advanced driver assistance systems.

Cybersecurity

Companies utilizing AI in the cyber technology space are using machine learning to monitor activity on systems and networks in real-time, identify patterns and anomalies from internal and external data streams, speed up detection, free up resources, enable faster remediation and generally help improve continuous cyber resilience.

Examples of Canadian companies:

eSentire (Waterloo, ON) is a Managed Detection and Response (MDR) service provider, keeping organizations safe from constantly evolving cyber-attacks that technology alone cannot prevent.

Copperhead Security (Toronto, ON) is an information security firm created to protect mobile data and devices.

CANADA'S ARTIFICIAL INTELLIGENCE (AI) ECOSYSTEM IS AMONG THE BEST IN THE WORLD

Why Canada:

- Ranked **1st in the G7 for year-over-year growth of AI talent**
- World's highest growth of **women in AI**
- Since 2019, Canada has published yearly **the most AI-related papers, per capita, in the G7**
- Canadian AI firms are filing patents **at 3 times** the average rate in the G7 and are attracting nearly **1/3 of all venture capital** in Canada

Since 2017, Canada has invested over $2 billion towards AI.

In 2022-23, there were over 140K actively engaged AI professionals in Canada, an increase of 29% compared to 2021-22.

To secure Canada's AI advantage, Budget 2024 announced a significant increase in targeted AI support of $2.4 billion, including:

$2B
Over 5 years*

To launch a new AI Compute Access Fund and Canadian AI Sovereign Compute Strategy

$200M
Over 5 years*

To boost AI start-ups to bring new technologies to market, and accelerate AI adoption in critical sectors

** Funding will be over the fiscal years 2024-25 to 2028-2029.*
Source: Finance Canada, Budget 2024

QUANTUM COMPUTING IN CANADA

Canada has taken a leadership position through investments in quantum science over many decades, including more than $1 billion between 2012 and 2022. Canada is also home to 23 quantum computing startups, second only to the U.S. (59), according to McKinsey & Co. (2021).

In October 2020, a consortium of Canada's leading quantum technology companies launched the Quantum Industry Canada (QIC), an industry association with a mission to ensure that Canadian quantum innovation and talent is translated into Canadian business success and economic prosperity.

In January 2023, the Government of Canada unveiled its National Quantum Strategy (NQS) to foster research, talent and commercialization.

Key research institutes include:

1) Waterloo's Quantum Valley – Seven key research facilities/incubators that support the development of quantum computing (includes University of Waterloo's Institute for Quantum Computing)
2) University of Toronto's Centre for Quantum Information and Quantum Control
3) Université de Sherbrooke's EPIQ and Institut Quantique
4) University of British Columbia's Quantum Computing Cluster
5) Simon Fraser University's Quantum Algorithms Institute
6) University of Calgary's The Institute for Quantum Science and Technology

QUANTUM COMPUTING ANNOUNCEMENTS IN CANADA

2022: The Government of Québec and IBM announced plans for a new partnership to further establish Québec as a leading technology hub in the development of quantum computing, artificial intelligence, semiconductors and high-performance computing through the launch of the Québec-IBM Discovery Accelerator.

2022: Xanadu have established a multiyear research program with **Volkswagen** to improve the performance of quantum algorithms for simulating battery materials. The goal is to reduce computational costs and accelerate Volkswagen's adoption of quantum computers to develop battery materials that are safer, lighter and more cost-effective.

2022: Foxconn signed a memorandum of understanding with Mitacs to advance quantum technology in Canada. This agreement is the first step in Foxconn's ambitious plan to expand its R&D and innovation capability in Canada. In addition to quantum research, Foxconn is seeking to develop new research and design facilities in Canada.

2023: Government of Canada unveiled its National Quantum Strategy to support the growth of Canada's quantum science and technology ecosystem.

The Strategy will guide investments along quantum research, talent and commercialization.

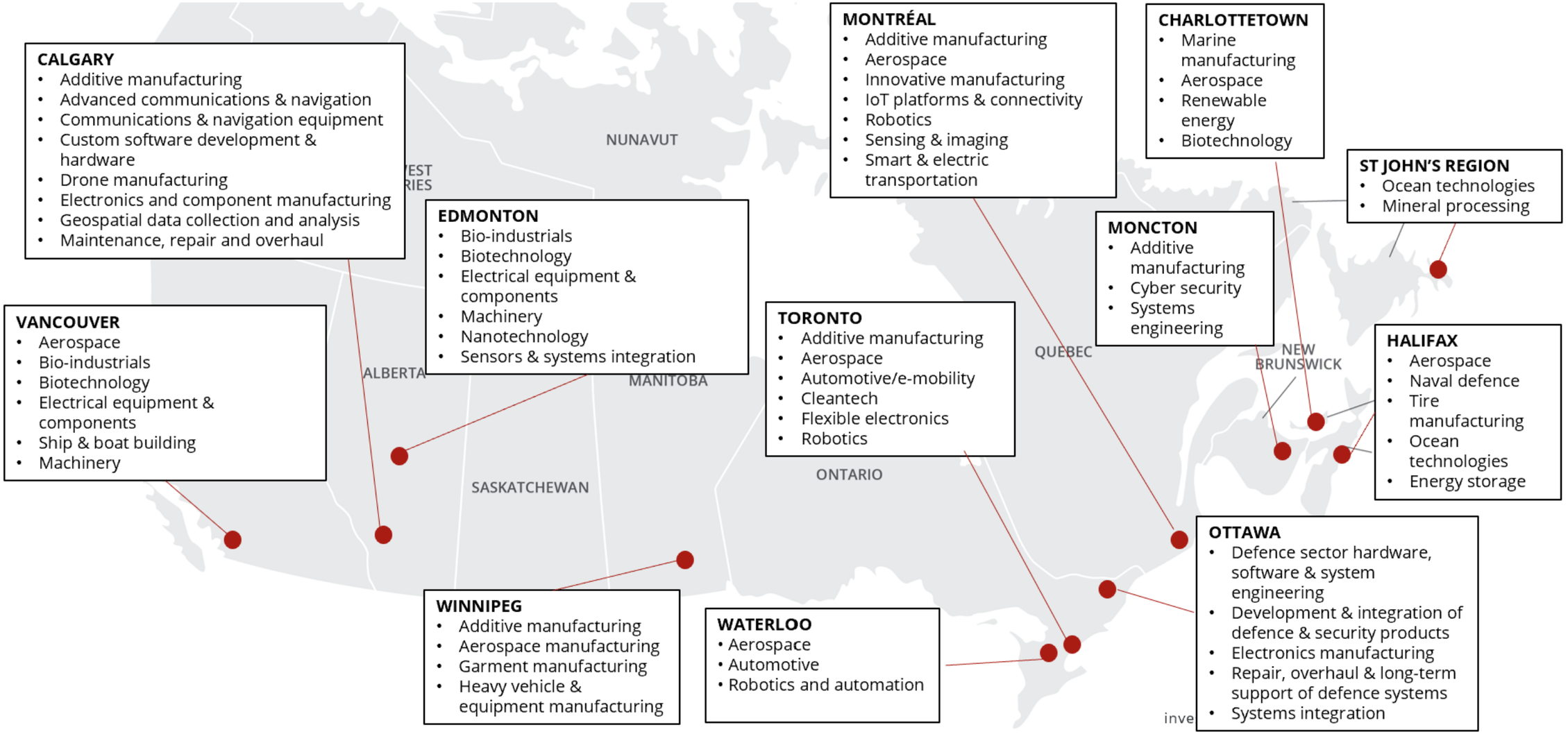
2023: Xanadu received a $40 million contribution from the Government of Canada through the Strategic Innovation Fund to develop to build and commercialize the world's first photonic-based, fault-tolerant quantum computer.

2023: The **federal government** and the **Government of Québec** are jointly investing over $7.6 million into a testbed that will allow businesses to experiment with quantum systems and applications for telecom networks.

The project is being deployed and operated by **Numana**, a Québec-based technology think tank and non-profit

2024: The Government of Canada announced over $11 million in PacifiCan funding to three B.C.-based organizations leading innovation in quantum computing. Funds will support quantum organizations including 1QB Information Technologies, Inc., Simon Fraser University and the University of British Columbia.

CANADA'S ADVANCED MANUFACTURING HUBS



CALGARY
- Additive manufacturing
- Advanced communications & navigation
- Communications & navigation equipment
- Custom software development & hardware
- Drone manufacturing
- Electronics and component manufacturing
- Geospatial data collection and analysis
- Maintenance, repair and overhaul

EDMONTON
- Bio-industrials
- Biotechnology
- Electrical equipment & components
- Machinery
- Nanotechnology
- Sensors & systems integration

VANCOUVER
- Aerospace
- Bio-industrials
- Biotechnology
- Electrical equipment & components
- Ship & boat building
- Machinery

MONTRÉAL
- Additive manufacturing
- Aerospace
- Innovative manufacturing
- IoT platforms & connectivity
- Robotics
- Sensing & imaging
- Smart & electric transportation

TORONTO
- Additive manufacturing
- Aerospace
- Automotive/e-mobility
- Cleantech
- Flexible electronics
- Robotics

CHARLOTTETOWN
- Marine manufacturing
- Aerospace
- Renewable energy
- Biotechnology

ST JOHN'S REGION
- Ocean technologies
- Mineral processing

MONCTON
- Additive manufacturing
- Cyber security
- Systems engineering

HALIFAX
- Aerospace
- Naval defence
- Tire manufacturing
- Ocean technologies
- Energy storage

OTTAWA
- Defence sector hardware, software & system engineering
- Development & integration of defence & security products
- Electronics manufacturing
- Repair, overhaul & long-term support of defence systems
- Systems integration

WINNIPEG
- Additive manufacturing
- Aerospace manufacturing
- Garment manufacturing
- Heavy vehicle & equipment manufacturing

WATERLOO
- Aerospace
- Automotive
- Robotics and automation

ADVANCED MANUFACTURING AND AI

The Canadian advanced manufacturing sector, which includes the fields of robotics, 3D printing and ICT technologies benefits from one of the most stimulating R&D regulatory environments in the world and a readily available wealth of talent. Canada is a global leader in system integration, AI, sensors, machine vision and automation. This vast ecosystem allows businesses operating here to seamlessly integrate robotics into manufacturing solutions that are shaping the Industry 4.0 vision.

Canada is the first country in the G20 to offer a tariff-free zone for industrial manufacturers, allowing investors to import advanced machinery and equipment from their parent companies free of import duties. Together with Canada's straight-line depreciation method, this means foreign investors can quickly write off their capital investments.

Thriving sub-sectors include:

Additive manufacturing: Canada ranks among the top 10 countries leading 3D printing development.

Automation and advanced robotics: Thanks to a robust innovation environment, strong government support, and a world-leading education system, Canada ranks 5th on The Economist's Automation Readiness Index.

Automotive: The world's first self-driving forklift was designed in Canada to reduce material handling costs, increase process throughput and improve plant safety with the ability to react to changes on the factory floor in real time.

Healthcare: North America's first "fully digital" hospital, the Humber River Hospital in Toronto, uses robots for patient care.

Notable announcements

April 2024 - IBM (U.S.) is investing C$187m in semiconductor packaging capacity and research and development operations in Bromont, Canada. The expansion will focus on assembly, testing and packaging capabilities for semiconductor modules to be used across a range of applications including telecommunications, high performance computing, automotive, aerospace and defence, computer networks, and generative artificial intelligence.

February 2020 - Lauak Canada (France) plans to expand its factory, add industry 4.0 equipment, create new jobs, and establish a centre of excellence for research and development and process improvement. In support of the project, Lauak Canada has been granted CA$3m for equipment from the Canadian government. The facility will help the firm expand in North America

INVESTMENT TAX CREDIT FOR CLEAN TECHNOLOGY MANUFACTURING

While the Clean Technology Investment Tax Credit, first announced in Budget 2022, will provide support to Canadian companies adopting clean technologies, the Clean Technology Manufacturing Investment Tax Credit will provide support to Canadian companies that are manufacturing or processing clean technologies and their precursors.

Budget 2023 proposed a refundable tax credit equal to **30% of the cost of investments in new machinery and equipment used to manufacture or process key clean technologies, and extract, process or recycle key critical minerals**, including:

- extraction, processing, or recycling of critical minerals essential for clean technology supply chains, specifically: lithium, cobalt, nickel, graphite, copper, and rare earth elements
- manufacturing of renewable or nuclear energy equipment
- processing or recycling of nuclear fuels and heavy water
- manufacturing of grid-scale electrical energy storage equipment
- manufacturing of zero-emission vehicles
- manufacturing or processing of certain upstream components and materials for the above activities, such as cathode materials and batteries used in electric vehicles

The credit will apply to property that is acquired and becomes available for use on or after January 1, 2024, and will no longer be in effect after 2034, subject to a phase-out starting in 2032.

Application Process

- Tax filings for the year once the equipment has been fully installed in your facility.

Application Periods

- Will apply for any eligible properties acquired and available for use between 2024 and 2035.

Eligibility Verification

- You can request an **Advanced Tax Ruling** from the Canada Revenue Agency where they will tell you what aspects of your project will be eligible for a refund.

SCIENTIFIC RESEARCH & EXPERIMENTAL DEVELOPMENT (SR&ED)

In Canada, research and development (R&D) tax credits are offered by both federal and provincial governments. The **Scientific Research and Experimental Development (SR&ED)** program is a federal tax incentive program to encourage Canadian businesses of all sizes and in all sectors to conduct R&D in Canada.

The SR&ED program provides two tax incentives:

1. a deduction to reduce income for tax purposes
2. an investment tax credit

Eligible SR&ED include: experimental development, applied research, basic research and certain types of work in support of this research (including engineering, design, operations research, mathematical analysis, computer programming, data collection, testing and psychological research)

Eligible expenses include: wages and salaries of employees directly engaged in SR&ED work, overhead expenditures, contract expenditures, materials and third-party payments where the performer retrains the rights to the SR&ED

A Canadian subsidiary performing SR&ED work in Canada for itself or on a contractual basis for the foreign-owned parent, can deduct eligible expenditures and claim the **15% non-refundable tax credit** on these to reduce taxes payable.

A non-refundable tax credit can be used to reduce federal taxes payable in the current year, in the previous three years, and/or in the next 20 years. There are no ceilings on SR&ED expenditures for companies claiming the tax credit.

The provincial tax credit is calculated first, and the federal Investment Tax Credit (ITC) is calculated on the remainder of the claim.

Application Process

- Yearly tax filings.

Application Periods

- Will apply for any eligible activities and purchases conducted and can be applied retroactively for three years or brought forward up to 20.

Eligibility Verification

- You can request an **Advanced Tax Ruling** from the Canada Revenue Agency where they will tell you what aspects of your project will be eligible for the tax credit.

COMBINED FEDERAL & PROVINCIAL TERRITORIAL SR&ED TAX CREDITS

Provinces	Provincial credit rate	Provincial refund	Foreign-controlled corporations (FCC)	
			Federal credit rate	Combined credit rate[1]
Alberta[2]	N/A	N/A	15%	15%
British Columbia	10%	No	15%	23.5%
Manitoba	15%	Yes	15%	27.75%
New Brunswick	15%	Yes	15%	27.75%
Newfoundland and Labrador	15%	Yes	15%	27.75%
Nova Scotia	15%	Yes	15%	27.75%
Ontario[3]	8.0% + 3.5%	Yes/No	15%	24.80%/18%
Prince Edward Island	N/A	N/A	15%	15%
Québec	14%	Yes	15%	26.9%
Saskatchewan	10%	No	15%	23.5%
Nunavut	N/A	N/A	15%	15%
NWT	N/A	N/A	15%	15%
Yukon	15%	Yes	15%	27.75%

[1] In calculating the combined credit, the federal tax credit base is reduced by the provincial tax credit receivable. The provincial tax credit is calculated first, and the federal Investment Tax Credit (ITC) is calculated on the remainder of the claim.

2 Alberta's SR&ED replaced by the Innovation Employment Grant which supports small and medium-sized businesses that invest in research and development (R&D) with a grant worth up to 20% of qualifying expenditures.

[3] The Ontario Innovation Tax Credit (OITC) of 8.0% is refundable and is available to all corporations, irrespective of ownership. The maximum tax credit under OITC is $300,000; this tax credit is gradually reduced when a firm's federal taxable income of the prior tax year exceeds $500,000, and is eliminated at $800,000. Ontario also has the Ontario business-research institute tax credit (OBRITC), a 20% refundable credit on qualified expenditures incurred under eligible contracts with eligible research institutes, and the ORDTC. The Ontario Research and development Tax Credit (ORDTC) of 3.5% is a non-refundable; in calculating ORDTC, eligible expenditures will be reduced in respect to government assistance, including the OITC, received. The ORDTC is pro-rata and without eligibility limitations.

MITACS: INSPIRING INNOVATION

mitacs

Mitacs powers research and development by **connecting industry with the best post-secondary institutions to solve business challenges** — in Canada and internationally.

For 20 years, Mitacs has funded cutting-edge research, created job opportunities for graduate students and helped companies reach their business goals, achieving results that have bolstered the Canadian economy.

Through the **Mitacs Accelerate program**, companies can solve their business challenges with research expertise, matching funds and one-to-one support. Graduate students and postdoctoral fellows from over 50 universities can apply their specialized expertise to help business take on research challenges. Internships start at four months and can scale up based on business needs. Each four-month internship project receives $7,500 in direct funding from Mitacs, with companies matching the organization's contribution.

The **Mitacs Elevate program** is a fellowship program for companies looking to develop an in-house R&D team. Funding through Mitacs covers 50% of a fellowship, valued at $60,000 per fellow each year. Each fellowship grant is for a two-year term.

33,000
Researchers in their networks

6,000+
International research internships

Source: Mitacs

Application Process

- Mitacs Accelerate
  - A proposal package will need to be completed and then submitted to a Mitacs Advisor with all the required signatures included: intern(s), professor(s), partner contact, and university Office of Research Services.
- Mitacs Elevate
  - The post-doctoral fellow will complete a proposal and submit it with all the necessary supplemental information and reference letters. Your company will also need to submit a recommendation letter and any other supplemental documents as applicable.

Application Periods

- Mitacs accepts applications on an ongoing basis.

GLOBAL SKILLS STRATEGY

The **Global Skills Strategy (GSS)** is a federal program introduced to allow employers to attract top global talent by speeding up application processing times, providing work permit exemptions and offering dedicated channels for support.

The **priority processing** of work permits for employers to hire highly-skilled global talent makes Canada an attractive destination for companies to grow.

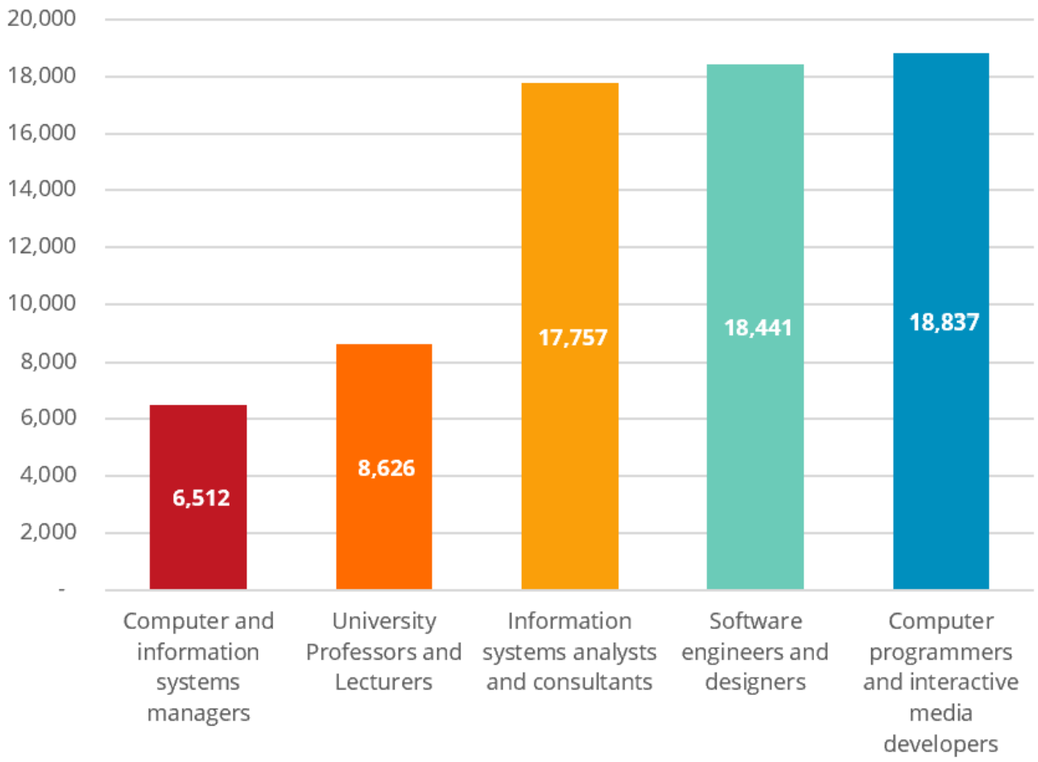
The program offers a Dedicated Service Channel (DSC) to employers who make a significant investment in Canada.

For Global Skills Strategy eligibility, the employer must meet certain criteria:

- **High value investments:** large scale investments made by foreign or multinational companies in Canada
- **High potential/high growth companies:** companies with proven market acceptance and a capacity for accelerated growth that will significantly impact the Canadian economy
- **Innovative companies:** companies with a focus on innovation and willingness to scale-up and grow that are operating in Canada

93% approval rate on the work permit applications received through the Global Skills Strategy program — and **213,000+ skilled workers** have come to Canada through this program as of February 2024 since June 2017.

Top five occupations of Global Skills Strategy approved applicants (June 2017 – February 2024)



Source: Immigration, Refugees and Citizenship Canada

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