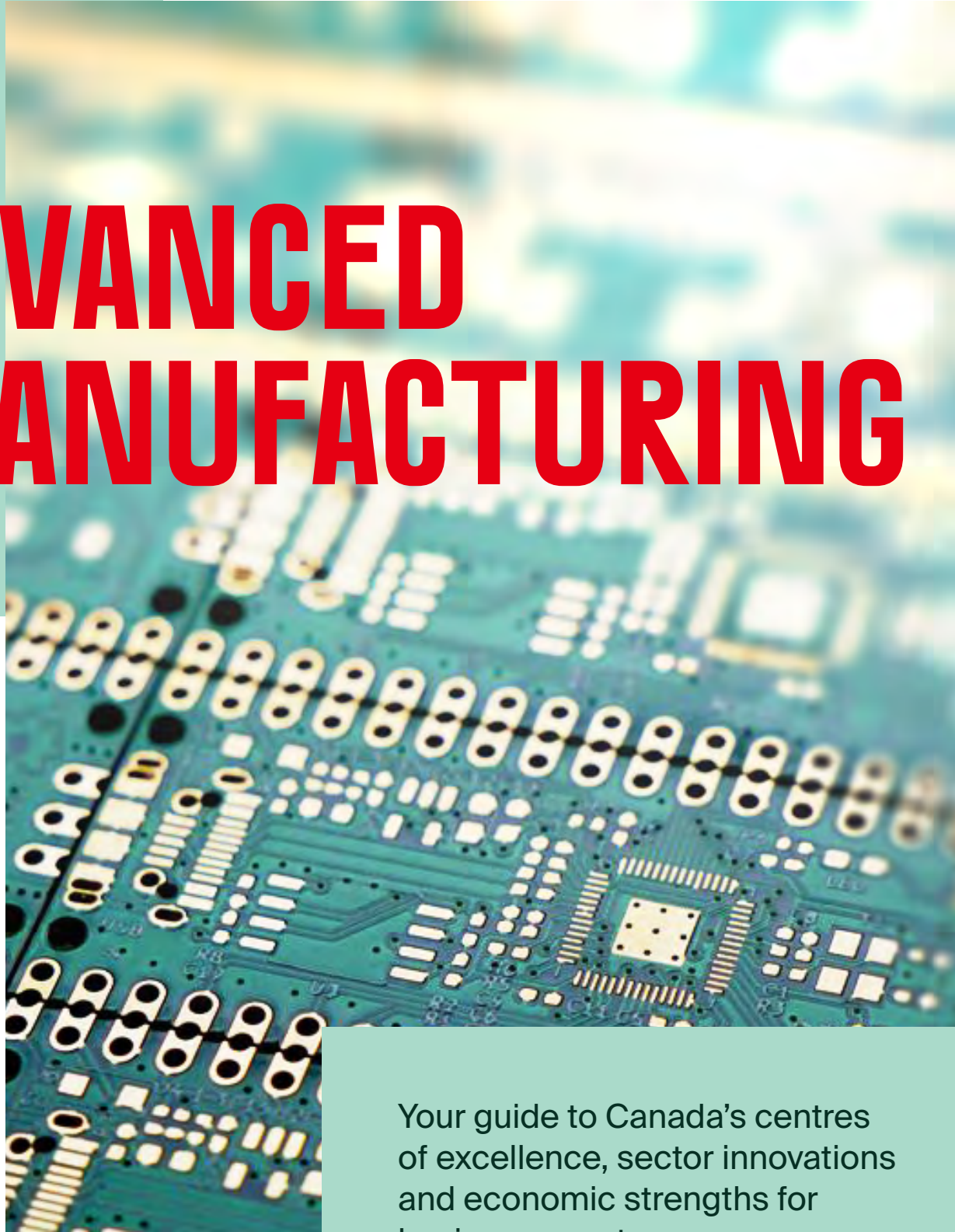


CANADA*

ADVANCED MANUFACTURING

| Business
Events



Your guide to Canada's centres of excellence, sector innovations and economic strengths for business events

Where bright ideas come to life
businesseventscanada.ca

CANADA IN FOCUS



Vancouver, British Columbia

Canada in Focus

Why Canada

Global Innovation
Clusters

Sub-Sector
Spotlight

Centres of
Excellence

Incentive Rewards

Choose Canada for Business Events

“Canada is a land of innovation – and our centres of excellence in the sectors shaping the world have elevated the global perception of Canada as industry leaders. This intellectual capital, combined with our vibrant urban centres, welcoming nature, global perspectives and cooperative approach, makes us a top choice for international business events.

We have a wealth of knowledge to share with the world – and our sector brochures show why, providing the latest insights into our thriving industry hubs, transformative Global Innovation Clusters and trailblazing sub-sectors. This sector expertise can supercharge agendas, build enduring connections and spark innovative ideas – creating unforgettable conferences that inspire attendees, spark breakthroughs and leave a truly lasting legacy.”



Virginie de Visscher

Executive Director, Business Events,
Destination Canada

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41M
TOTAL POPULATION

20.5M
TOTAL WORKFORCE

2nd
LARGEST COUNTRY
IN THE WORLD

10th
LARGEST ECONOMY
IN THE WORLD

1st
IN THE G7 FOR
Quality of life

Social purpose

Open for business

Sources: Statistics Canada, World Bank, 2023 Best Countries rankings



Edmonton, Alberta

Canada in Focus

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Destination Canada's Business Events team is charged with growing Canada's share of international business events by promoting the country's unique meeting, convention and incentive event possibilities.



Meet with Purpose in Canada

Canada is a global leader in advanced manufacturing – and we can't wait to share our knowledge with you. Across the country, additive manufacturing, aerospace, automotive, and robotics and automation sub-sectors are thriving, while our Global Innovation Clusters are generating bold new ideas to build the advanced manufacturing industry of tomorrow. Canadian visionaries are pushing the industry forward in groundbreaking, unconventional directions and advanced manufacturing hubs from coast to coast to coast are attracting the world. Whatever your advanced manufacturing business event – from a cutting-edge conference for advanced manufacturing leaders to an extraordinary incentive reward for a trailblazing team – you'll find inspiration here.

Isn't it time for you to meet with purpose in Canada? Connect with us to learn how.

businessevents@destinationcanada.com →

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WHY CANADA FOR ADVANCED MANUFACTURING CONFERENCES?



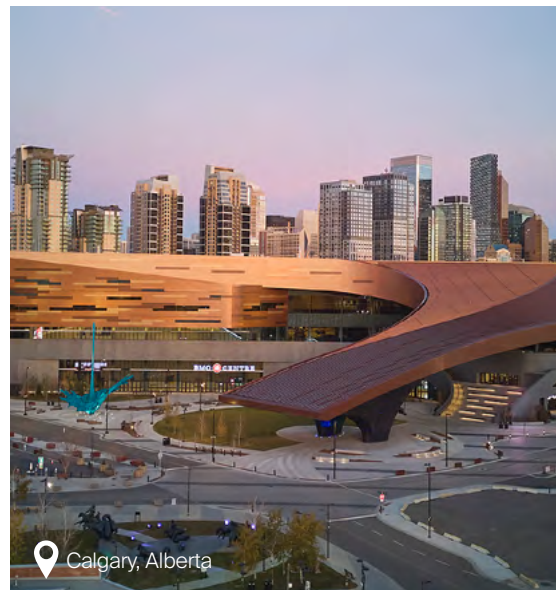
Montréal, Québec



Canada is the top civil flight simulator, turboprop engine and helicopter engine producer in the world. It has all the minerals needed to manufacture electric vehicle batteries and is among the world's top 20 vehicle producing countries. This **leadership** in advanced manufacturing, combined with our commitment to sustainability, not only makes Canada a global competitor, but an innovation leader, accelerating progress and inspiring the new ideas so critical to building the advanced manufacturing sector.



Supported by the national Strategic Innovation Fund and some of the world's brightest minds in the field, Canada is a natural draw for business events dedicated to the advancement of **sustainable manufacturing and space technology**. Advanced manufacturing leaders and teams who meet here do so surrounded by the groundbreaking work of Canada's national advanced manufacturing research centres and innovative aerospace, automotive, 3D printing and robotics businesses.



Calgary, Alberta

Canada in Focus

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Halifax, Nova Scotia



Business events are a fundamental source of **research, learning and knowledge sharing** and in Canada, our radical openness means this kind of collaboration comes naturally. Organizations that meet here gain access to Canadian innovation and thought leadership through speakers and keynotes for conferences, business-to-business exchanges, site tours and sharing of best practices.



Edmonton, Alberta



Canada's manufacturing sector employs 1.7 million people. From Attabotics, Zero Point Cryogenics and NFI to MDA Space, Lion Electric Co. and Movella, the architects of the advanced manufacturing industry of the future live, work and play here. Their **depth of knowledge** not only helps draw internationally renowned conferences to Canada, but also helps to build and maintain productive networks that can generate economic benefits such as talent attraction for organizers, host industry champions and host destinations.



Toronto, Ontario



Business events have the power to **inspire the next generation**, who want to make a positive difference and create innovative solutions to today's problems. In Canada, our national Global Innovation Clusters are fuelling the next generation of advanced manufacturing innovators on their quest for these solutions, providing the perfect ecosystem for your own trailblazers to find inspiration, transform the sector – and shape the future.

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CANADA'S ADVANCED MANUFACTURING CENTRES



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GLOBAL INNOVATION CLUSTERS



When companies of all sizes, academic institutions and not-for-profits come together, they generate bold new ideas. Ideas that wouldn't have otherwise come to light. That's why the Government of Canada has invested nearly \$2 billion in our five [Global Innovation Clusters](#): digital industries, protein industries, advanced manufacturing, scale AI and ocean.

Canada's Global Innovation Clusters demonstrate our commitment to growing advanced manufacturing innovation ecosystems and promoting investment in development and commercialization. We are collaborating to deepen the impact of advanced manufacturing and acting as a catalyst for skills and talent development across the sector. Ultimately, we are expanding the global presence of our advanced manufacturing sector and want to share this wealth of knowledge with the world. We welcome organizations meeting here to leverage that knowledge, create global partnerships and empower us all to shape the future together.

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Canada's Advanced Manufacturing Cluster (NGen)

Based in Ontario, the [Advanced Manufacturing Cluster \(NGen\)](#) strengthens the competitiveness and growth potential of Canada's advanced manufacturing sector. NGen is leveraging Canada's technology and industrial strengths to commercialize transformative industry-led projects that develop, scale up and apply advanced technology solutions in manufacturing, attract talent and investment, and position Canada as a leading green supplier to the world.

Transforming food waste into premium sustainable bioplastics

With funding from NGen, Genecis Bioindustries is leading a project in Ontario to develop, scale and integrate a new biotechnology platform to upcycle discarded packaged food and municipal green bin waste into high value materials and chemicals, contributing to a circular and bio-based economy. The company will integrate a demonstration-scale technology unit with an anaerobic digestion plant to convert organic waste feedstock into high-value PHA (polyhydroxyalkanoates) bioplastics, an ingenious alternative to petroleum plastics.

Canada's AI-powered Supply Chains Cluster (Scale AI)

Based in Montréal, the [Scale AI Cluster](#) is bringing together the retail, manufacturing, transportation, infrastructure, healthcare and information and communications technology (ICT) sectors together to accelerate the integration of intelligent supply chains, scaling large and small organizations along the way. A consortium of private entities, research centres, academia and high-potential startups, Scale AI is the central pillar of Canada's AI ecosystem.

Using artificial intelligence to help build constellations of satellites

As the world pivots to deploying hundreds of satellites in constellations working together, MDA Space is using AI to transform its increasingly complex supply chain operations. With support from SCALE AI, MDA Space is optimizing supply chain inventory, manufacturing schedules and performance during the production of satellites and their subsystems – rethinking how they design and build the satellites and constellations of the future.

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SUB-SECTOR SPOTLIGHT



Additive Manufacturing

Hotspots

- › Calgary
- › Edmonton
- › Winnipeg
- › Montréal

Commonly referred to as 3D printing, additive manufacturing creates three-dimensional objects by adding layer upon layer of material. Capable of both prototyping and legacy part production, additive manufacturing has the potential to enhance productivity, reduce lead times, improve internal processes and ensure sustainable production. Canada's additive manufacturing ecosystem is fiercely competitive and economically diverse, with wide adoption, strong expertise and integrated value chains across a variety of sectors.

44%

CANADIAN MANUFACTURERS USING ADDITIVE MANUFACTURING TECHNOLOGIES

7th

HIGHEST QUALITY ADDITIVE MANUFACTURING RESEARCH IN THE WORLD

AMONG Top 10

COUNTRIES LEADING 3D PRINTING DEVELOPMENT

Sources: Invest in Canada, Australian Strategic Policy Institute, Toronto Business Development Centre

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Did You Know?

The province of **Québec** is a leader in metal additive manufacturing research and powder development.

Winnipeg's Precision ADM was Canada's largest manufacturer of 3D-printed medical devices during the COVID-19 pandemic.



SUB-SECTOR SPOTLIGHT

Robotics and Automation

Hotspots

- › Calgary
- › Edmonton
- › Toronto
- › Montréal

Across Canada, organizations are revolutionizing production by tapping into the power of advanced robotics to automate tasks. This innovative technology is helping to dramatically improve operations, drive greater efficiencies and improve worker safety across sectors that range from automotive to aerospace. Canada's robotics sub-sector is globally relevant and growing fast, particularly in manufacturing.

4,311

ROBOT INSTALLATIONS IN 2023

58%

OF CANADA'S ROBOTICS BUSINESSES EXPORT OVERSEAS

42%

OF CANADIAN ROBOTICS COMPANIES WERE FOUNDED IN THE PAST 10 YEARS

Sources: International Federation of Robotics, Canadian Robotics Council

Canada in Focus

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Did You Know?

The University of **Toronto** Robotics Institute is home to the largest robotics research program in Canada, with more than 55 researchers and seven Canada Research Chairs.

SUB-SECTOR SPOTLIGHT



Aerospace

Hotspots

- › Calgary
- › Winnipeg
- › Toronto
- › Montréal
- › Halifax

Canada is a world-class centre for innovation and excellence in aerospace, with ingenuity ranging from avionics to regional aircrafts, business jets to commercial helicopters, and aircraft engines to space systems. With robust investments in research and development, a large pool of skilled labour and access to global markets, Canada is a world leader in sustainable aerospace solutions, developing intelligent aircraft technologies and leading the energy transition for the global aerospace industry.

1st
IN CIVIL FLIGHT
SIMULATOR PRODUCTION

1st
IN TURBOPROP ENGINE
PRODUCTION

1st
IN HELICOPTER ENGINE
PRODUCTION

218,000
AEROSPACE JOBS

\$19 billion
VALUE OF AEROSPACE
EXPORTS IN 2023

Source: Invest in Canada

Canada
in Focus

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Did You Know?

Alberta's Foremost UAS Test Range provides 700 square nautical miles of Class F Restricted airspace, particularly well suited for beyond visual line of sight (BVLOS) flights and training, research and development for civil and commercial purposes.

Montréal is the third largest aerospace centre in the world, after Toulouse, France and Seattle, US.

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SUB-SECTOR SPOTLIGHT



Automotive Industry

Hotspots

- › Calgary
- › Edmonton
- › Toronto
- › Montréal

Building on more than a century of automotive manufacturing, Canada helps drive the world's automotive future. Canada's automotive industry offers well-established, reliable supply chains and easy access to global markets. Ranked among the top 20 vehicle-producing countries in the world, Canada is home to breakthrough advances in battery electric vehicle (EV), connected vehicle (CV) and autonomous vehicle (AV) technology.

Noteworthy Innovations

In 2017, **Ottawa** became the first city in Canada to launch testing of an on-street AV that communicates with live city infrastructure, in partnership with Blackberry QNX.

Dow and its partners are investing more than \$11.5 billion to create the world's first net-zero emissions ethylene cracker and derivatives site in Fort Saskatchewan near **Edmonton**, Alberta.

Did you know?

Canada has all the minerals needed to manufacture EV batteries and offers an end-to-end supply chain for electric vehicles. The new Canadian Battery Innovation Centre at Dalhousie University, funded partly by Tesla and Emera, will be Canada's first university-based battery prototyping and testing facility.

Conferences

The International Battery Materials Association Annual Meeting brought together world-renowned battery researchers to discuss practical applications, the future of battery research and development, the electric vehicle industry and the energy storage sector.

2024 Halifax, Nova Scotia



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1st

FOR AV PARTNERSHIPS

6th

FOR HEAVY DUTY EV PRODUCTION

\$51 billion

VALUE OF AUTOMOTIVE EXPORTS IN 2023

1st

IN GOVERNMENT-FUNDED AV PILOT PROJECTS

128,000

JOBS IN AUTOMOTIVE MANUFACTURING

1.5 million

VEHICLES PRODUCED IN 2023

Sources: Invest in Canada, Canadian Vehicle Manufacturers' Association

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41,200
EMPLOYED IN THE
MANUFACTURING SECTOR

1,642
MANUFACTURING
BUSINESSES

113
AEROSPACE AND
DEFENCE BUSINESSES

Source: Statistics Canada

Canada
in Focus

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The Western spirit that helped build Calgary is very much alive and well. You hear it in the music. You see it in the streets. You experience it every July at the world-famous Calgary Stampede. You see it in the architecturally spectacular expansion to the BMO Centre – Western Canada’s largest convention centre. And you feel it in the entrepreneurial attitude.

It’s why Calgary has Canada’s highest per capita head office and small business concentration in Canada.

Did you know?

44% of Alberta’s aerospace and defence businesses are located in Calgary.

The City of Calgary offers the use of its physical, digital and data assets for companies and researchers to develop, test and validate their ideas and products in a real-life environment.



Noteworthy Innovations

Innovate Calgary’s Aerospace Innovation Hub, with the University of Calgary, offers incubation space, equipment, accelerator programming and a community for companies developing the next generation of aerospace and advanced manufacturing technologies.

In 2018, Calgary’s first autonomous shuttle, the Electric Autonomous (ELA), used technology developed by Hexagon to transport passengers between the Calgary Zoo and the TELUS Spark Science Centre.



Companies

- › [Arcfield Canada](#)
- › [Hexagon Autonomy & Positioning](#)
- › [Attabotics](#)
- › [August Electronics](#)
- › [DIRTT](#)
- › [De Havilland Aircraft of Canada](#)
- › [Exergy Solutions](#)
- › [Tangent Design Engineering](#)



Conferences

The CAPA Airline Leader Summit Americas is a benchmark event for the aviation industry in North America, bringing together local leaders, international aviation experts and major decision makers to examine the key issues that are shaping the sector.

2024 Calgary, Alberta

In 2024, ConvergX became the first cross-sector industrial technology event for energy, mining, military, aerospace, defence, technology and security leaders and decision makers.

2024 Calgary, Alberta



Sub-Sectors

- › Additive Manufacturing
- › Aerospace
- › Automotive Industry
- › Robotics and Automation



Post-Secondary Institutions

- › Southern Alberta Institute of Technology
- › Bow Valley College
- › Mount Royal University
- › University of Calgary

“The Southern Alberta Institute of Technology (SAIT) Applied Research and Innovation Services Department is home to the Centre for Innovation and Research in Advanced Manufacturing and Materials (CIRAMM), a leader in advancing digital manufacturing technologies and developing innovative solutions in novel materials. With state-of-the-art laboratories and a team of expert researchers, CIRAMM drives groundbreaking advancements in manufacturing and materials science, positioning Calgary as a frontrunner in advanced manufacturing research and elevating Canada’s global standing.”

DR. HAMID RAJANI
Research Chair, CIRAMM, SAIT

Conference Infrastructure

Guestrooms
4,700

Downtown

15,000

Citywide

Calgary TELUS Convention Centre

11,334 sq m

122,000 sq ft

BMO Centre

46,452 sq m

500,000 sq ft

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in Focus

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EDMONTON



51,200
EMPLOYED IN THE
MANUFACTURING SECTOR

3,123
MANUFACTURING
BUSINESSES

Source: Statistics Canada

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in Focus

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Edmonton is Canada's northernmost metropolis in the prairie heartland of Alberta, where bison roam in Elk Island National Park and a swath of parkland unfurls from the winding North Saskatchewan River. On the biggest stages of sports and business, Edmonton comes to play and punches above its weight,

with strengths in the fields of artificial intelligence, sustainable energy, life sciences, agribusiness and advanced manufacturing.

Did you know?

In 2017, nanotechnology researchers at the University of Alberta manufactured an Edmonton Oilers hockey logo 40 times smaller than the width of a human hair.



Noteworthy Innovations

Heidelberg Materials is developing the cement industry's first global full-scale carbon capture, utilization and storage facility – and the world's first carbon neutral cement plant.



Companies

- > [Apollo Machine](#)
- > [Silent-Aire](#)
- > [GroupSIX](#)
- > [Titan Logix](#)
- > [Norseman](#)
- > [Polykar](#)
- > [Teledyne Mems](#)
- > [Zero Point Cryogenics](#)
- > [PRIMED](#)



Independent Research Centres

InnoTech Alberta provides innovators with industrial-scale design, engineering, research and development solutions in metallic, composite and additive manufacturing.

C-FER Technologies operates a variety of large-scale testing systems and provides specialized engineering consulting services to the global energy industry.



Conferences

The Western Manufacturing Technology Show is Western Canada's most significant manufacturing event, attended by 100+ exhibitors and 2,000+ manufacturing professionals.

Held every two years in Edmonton, Alberta



Sub-Sectors

- > Additive Manufacturing
- > Automotive Industry
- > Robotics and Automation



Post-Secondary Institutions

- > Northern Alberta Institute of Technology
- > University of Alberta

“Edmonton's role in the advanced manufacturing sector shone at the Western Manufacturing Technology Show. Its innovative spirit and strong industry ties fostered unique collaborations and highlighted technological advancements. The city's mix of professional growth opportunities and vibrant culture made it an ideal host, inviting industry leaders to explore Edmonton's capability to drive future manufacturing trends. A true testament to Edmonton as a hub for innovation and collaboration.”

ARJUN HAJELA

Group Director, Events - Canada, SME

Conference Infrastructure

Guestrooms

3,197

Downtown

13,000

Citywide

Edmonton Expo Centre

48,495 sq m

522,000 sq ft

Edmonton Convention Centre

13,416 sq m

144,406 sq ft

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WINNIPEG



53,767

AEROSPACE AND ADVANCED MANUFACTURING EMPLOYEES IN MANITOBA

Source: Statistics Canada

769

AEROSPACE AND ADVANCED MANUFACTURING BUSINESSES IN WINNIPEG

Set in the wide expanse of the Prairies, Winnipeg is Canada's original boom town – a historic railway hub in the centre of the continent. Serving as the gateway to Western Canada for 140 years, Winnipeg is the capital of Manitoba, a resource-rich province with world-class deposits of crude oil, gold, copper-zinc, nickel, lithium, rare metals and potash. With a highly diversified economy, Manitoba also has thriving advanced manufacturing, aerospace, agribusiness, creative and transportation sectors.

Did you know?

99.62% of electricity generated in Manitoba is renewable, with well-positioned manufacturing and energy services sectors to build the innovative infrastructure of the future.

Winnipeg is one of the largest centres for vehicle manufacturing in North America, home to market leaders in aircraft and space components, transit electrification, coach bus, fire truck, mining and agricultural equipment manufacturing.

For the hockey fans, all Zamboni ice resurfacing machines use Winnipeg-made Cadorath augers.



Noteworthy Innovations

Boeing Winnipeg is the largest aerospace composite manufacturer in Canada, producing more than 500 items or assemblies, including many innovative parts for the 787 Dreamliner.

Precision ADM uses the latest metal 3D printing technology to produce knee replacements, cranial implants, hip prosthetics and spinal devices customizable for each patient.



Companies

- > [MacDon](#)
- > [Winpak](#)
- > [Price](#)
- > [AGI](#)
- > [NFI](#)
- > [Monarch Industries](#)



Independent Research Centres

The National Research Council of Canada's Advanced Manufacturing Research Facility is focused on research and development in digital manufacturing and sustainable food packaging.

North Forge Advanced Manufacturing Lab (AMLab™) provides startup founders with cutting-edge facilities to develop and prototype their products, from concept to commercialization.

GE Aviation's Testing, Research and Development Centre at Winnipeg International Airport conducts development and testing of aircraft engines – including the GE9X, the largest and most powerful commercial aircraft engine ever built.



Conferences

The IEEE International Conference on Wireless for Space and Extreme Environments brings together space agencies, academic researchers, and aerospace and space defence industries to solve wireless sensing and communication challenges in space and beyond.

2022 Winnipeg, Manitoba



"As one of the world's leading bus and coach manufacturers, NFI is proud to have grown from humble roots in Manitoba, where we've been headquartered for almost 100 years. Winnipeg has been a fantastic home for our business, where we design and manufacture our buses and coaches. The Prairies offer strong access to local talent and a supportive ecosystem that enables us to drive innovation, and deliver smarter, safer, more sustainable, and connected transportation."

PAUL SOUBRY

President and Chief Executive Officer, NFI

Conference Infrastructure

Guestrooms

1,900

Downtown

7,600

Citywide

RBC Convention Centre

24,526 sq m

264,000 sq ft



Sub-Sectors

- > Additive Manufacturing
- > Aerospace



Post-Secondary Institutions

- > RRC Polytech
- > University of Manitoba

TORONTO

89,465
ADVANCED MANUFACTURING
EMPLOYEES

13,005
MANUFACTURING
BUSINESSES

Source: Toronto Global

A leading research location in the manufacturing sector, Toronto is celebrated for its eclectic global cuisine and entrepreneurial spirit. Waves of immigration over the last 50 years have made Toronto the biggest city in Canada and the fourth biggest on the continent. More than 200 languages are spoken in the city, and nearly 45 per cent of Toronto residents speak something other than

English or French at home. As one of the fastest-growing tech markets and the second-largest finance hub in North America, Toronto is attracting the world.

Did you know?

The Automotive Centre of Excellence at Ontario Tech University has one of the world's largest and most sophisticated climatic wind tunnels, with test winds exceeding 250 kilometres per hour, temperatures from -40C to +60C, and relative humidity ranges from 5% to 95%.

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Noteworthy Innovations

MDA Space, in Brampton near Toronto, is building Canadarm3, an autonomous robotic arm system that will conduct vital tasks on NASA's Gateway mission establishing the first space station orbiting the Moon.

Myant, in Mississauga near Toronto, has created Skiin, a smart textile health monitoring system that gives patients and their clinicians access to continuous health data.

Companies

- › [Cyclone Manufacturing](#)
- › [Endress+Hauser](#)
- › [Magellan Aerospace](#)
- › [MDA Space](#)

Independent Research Centres

The General Motors (GM) Canadian Technical Centre has three sites across Ontario, using cutting-edge labs, test tracks, simulation and AI to develop advanced vehicle systems.

With state-of-the-art facilities and a myriad of initiatives supporting innovators, the Downsview Aerospace Innovation & Research (DAIR) hub brings together academics, companies, researchers and government to advance Canada's global aerospace industry.

Conferences

The Association for Computing Machinery's Special Interest Group on Computer Science Education (SIGCSE) Technical Symposium on Computer Science Education addresses the challenges of developing computing programs and curricula for the next generation of talent.

2023 Toronto, Ontario

Sub-Sectors

- › Aerospace
- › Automotive Industry
- › Robotics and Automation



"I brought the 18th IEEE International Conference on Industrial Technology to Toronto because it is the hub of the industry for Canada. It's the showcase of Canada's leading industries in the areas of electric transportation, micro grids, smart grids and renewable energy systems. We collaborated with several academic units and research institutes housed right here in the city. The city is great, the conference venues are great – you can't ask for much more."

SHELDON WILLIAMSON

Professor and NSERC Canada Research Chair in Electric Energy Storage Systems for Transportation Electrification, Ontario Tech University

Conference Infrastructure

Guestrooms
36,000+
Citywide

Metro Toronto Convention Centre
65,032 sq m
700,000+ sq ft

Exhibition Place
114,456 sq m
1.2 million+ sq ft

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Post-Secondary Institutions

- › University of Toronto
- › York University
- › Sheridan College

MONTREAL

240,000+

ADVANCED MANUFACTURING EMPLOYEES

Source: Statistics Canada

6,300+

ADVANCED MANUFACTURING ENTERPRISES



Montréal stands alone in Canada. Its mix of European culture and new world cool gave rise to a *vive la différence* attitude that has allowed unique excellence to shine in art, music, film, dance, food and fashion. More recently, the spirit of innovation behind the achievements in those areas has made Montréal one of the most sustainable destinations in North America, according to the [Global Destination Sustainability Index](#).

Did you know?

Blainville, near Montréal, is home to Canada's most advanced automotive test and research centre – and the only one to perform compliance testing to both Canadian and US standards. Montréal is one of the few places in the world where almost an entire aircraft can be assembled from locally manufactured components.

With 40% of the Canadian aerospace workforce and 1,500+ aeronautical technologies approved every year by Transport Canada, Montréal is the top aerospace hub in Canada.

The landing gear of the Apollo 11 lunar module which landed on the moon in 1969 were manufactured in Longueuil, near Montréal, by Héroux-Devtek.

Noteworthy Innovations

The International Civil Aviation Organization (ICAO), Airports Council International (ACI) and International Air Transport Association (IATA) are all headquartered in Montréal.

Varenes Carbon Recycling, being built near Montréal, will feature North America's biggest electrolyzer that supplies green hydrogen and oxygen, and use technology developed by Enerkem, to produce 125 million litres of biofuel from waste every year.



Independent Research Centres

Investissement Québec's Québec Industrial Research Centre (CRIQ) provides everything innovators need to take their advanced manufacturing solutions from development to commercialization, including state-of-the-art labs and international expertise.

The Consortium for Research and Innovation in Aerospace in Québec (CRIAQ) collaborates with global companies, universities and public research centres to develop a new generation of innovators and support cutting-edge aerospace innovations.



Companies

- › [Airbus Canada](#)
- › [Bombardier](#)
- › [BRP](#)
- › [Lion Electric Co.](#)
- › [CAE](#)
- › [Héroux-Devtek](#)
- › [Nova Bus](#)



Conferences

SpaceOps2025 will bring together the space operations community under the theme "Toward Space Sustainability" to share best practices for more resilient space systems.

2025 Montréal, Québec

Aeromart Montréal 2025, the 9th International Business Convention for the aerospace industry, will welcome 800+ companies and 1,400+ participants from 26 countries.

2025 Montréal, Québec



Sub-Sectors

- › Additive Manufacturing
- › Aerospace
- › Automotive Industry
- › Robotics and Automation



Post-Secondary Institutions

- › McGill University
- › Concordia University
- › Université du Québec à Montréal
- › Polytechnique Montréal
- › École de technologie supérieure (ETS)
- › Université de Montréal



"Montréal is the perfect destination for advanced manufacturing events. Its dynamic ecosystem includes leading suppliers in automation, robotics, aerospace and clean technologies. The city offers access to renowned keynote speakers, cutting-edge research institutions and a collaborative business community, making it a hub for networking and knowledge exchange. As a host of major international events, Montréal is the go-to choice for advancing business objectives and strategic connections."

MYLÈNE GAGNON

Vice-President Sales and Convention Services, Business Events Montréal

Conference Infrastructure

Guestrooms

16,300

Downtown

36,800

Citywide

Palais des congrès de Montréal

47,265 sq m

508,756 sq ft

Canada in Focus

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Incentive Rewards

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HALIFAX



15,000+

EMPLOYEES IN AEROSPACE, DEFENCE, SHIPBUILDING AND ADVANCED MANUFACTURING IN NOVA SCOTIA

100+

BUSINESSES SERVING THE SHIPBUILDING SECTOR IN HALIFAX

Sources: Discover Halifax Business Events, Invest Nova Scotia

Canada in Focus

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Incentive Rewards

For a city of fewer than 500,000 people, Halifax's post-secondary scene is among Canada's richest.

The city is home to six degree-granting institutions and has 81 students per 1,000 residents, a ratio greater than cities like Boston and Los Angeles. Such a large academic community

attracts modern industries to Nova Scotia's capital city, including finance, ocean technology, life sciences, aerospace and defence.

Did you know?

Surrette Battery Company has manufactured Rolls Battery Engineering batteries in Nova Scotia since 1959 and now exports deep cycle and LiFePO4 lithium batteries globally.

In 2015, Tesla began working with Dalhousie University's world-renowned battery scientist Jeff Dahn to find ways to increase the energy density, safety and lifetime of Li-ion batteries.

Irving Shipbuilding's Halifax Shipyard is building 15 destroyers over 25 years for the Royal Canadian Navy in Canada's largest shipbuilding initiative since the Second World War.

Nova Scotia and Québec are both home to Stelia, specializing in the design, development and manufacturing of composites for aerospace and defence, supplying customers including Lockheed Martin, Airbus Atlantic, Boeing, Bombardier, L3Harris and De Havilland.



Noteworthy Innovations

3D Wave Design's unique climate change modelling software is enabling Indigenous communities to observe, plan and adapt to environmental challenges.

Kraken Robotics' autonomous launch and recovery system enables rapid mobilization and demobilization of their high-speed synthetic aperture sonar towfish, KATFISH™, which can livestream and classify seafloor survey data in real-time.



Companies

- > [Irving](#)
- > [MetOcean Shipbuilding Inc.](#)
- > [GeoSpectrum](#)
- > [Bluedrop Training & Simulation](#)
- > [Telematics](#)
- > [Ultra Maritime](#)
- > [Movella](#)



Independent Research Centres

Defence Research and Development Canada's Atlantic Research Centre is focused on underwater warfare and surveillance, integrated warship survivability and performance, maritime information warfare, materials science, power and energy, and signature management.



"When you come to Halifax, what you will walk away with is an impression that we're covering a lot of bases. There's a depth of capability and an ability to integrate those solutions across sectors."

JIM HANLON

Founding CEO, Centre for Ocean Ventures and Entrepreneurship (COVE)

Conference Infrastructure

Guestrooms

4,500

Downtown

6,500+

Citywide

Halifax Convention Centre

11,148

 sq m

120,000

 sq ft

Conferences

DEFSEC Atlantic attracts aerospace, defence and security manufacturers and businesses, as well as militaries, governments, associations and non-profits from across the globe.

2022, 2023, 2024 Halifax, Nova Scotia



Sub-Sectors

- > Aerospace



Post-Secondary Institutions

- > Dalhousie University

Canada in Focus

Why Canada

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Incentive Rewards

WHY CANADA FOR ADVANCED MANUFACTURING INCENTIVE REWARDS



Clayoquot Wilderness Lodge, British Columbia

In Canada, our legendary incentive experiences offer true transformation, captivating and motivating teams from far and wide, applauding and rewarding employees across industries.

With diverse cosmopolitan cities, a kaleidoscope of rich cultures and our mountain, coastal and spa resorts, Canada is the perfect place for growth and enrichment. Here, wide-open spaces inspire awe, open hearts build belonging and open minds spark new ideas.

Here are four unforgettable experiences handpicked for advanced manufacturing top performers, to help you blow away your team – and the competition.

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Welcome to the Big Leagues

Toronto, Ontario

Treat your elite team to a baseball, basketball and hockey experience featuring Toronto's major league home teams. Walk centre ice at the Scotiabank Arena, home of the Maple Leafs NHL team and the Raptors, the city's NBA basketball franchise. Learn about the world's first retractable stadium roof at Rogers Centre, home of the MLB Toronto Blue Jays. Gain insights into Canada's love affair with ice hockey at the Hockey Hall of Fame. When you wrap up with cocktails with a Hall-of-Famer – you're in the big leagues now!

[Learn more →](#)

Cloud Camping

Clayoquot Wilderness Lodge, British Columbia

Lift off. Soar. This is no dream. An ancient rainforest and volcanic coastline give way to an alpine playground 1,372 metres (4,500 feet) above Clayoquot Biosphere. Your heart beats as fast as your helicopter blades when you land and realize Cloud Camp is all yours. No outside distractions, but plenty of ways to be entertained. Spend all afternoon on a sparkling turquoise lake, drinking it all in with your team. Wander the alpine trails in search of the next jaw-dropping view. Isn't this how life is meant to be lived? One wild adventure after another.

[Learn more →](#)

Looking for more inspired incentive ideas?

businessevents.destinationcanada.com/en-ca/plan/incentive →

Lobster Boil

Fox Harb'r, Nova Scotia

Welcome your team to postcard-perfect Lighthouse Point by the skreel of bagpiper's greeting, and gather around for Lobster 101, an informative session with the chef. Then, dive into the main event: a classic lobster boil. Enjoy fresh-off-the-boat flavour, paired with Tidal Bay, the signature wine of Nova Scotia. High-kicking Celtic dancers keep spirits up, followed by a live band playing Canadian hits to round off an authentic Atlantic Canada experience that will leave your team feeling refreshed.

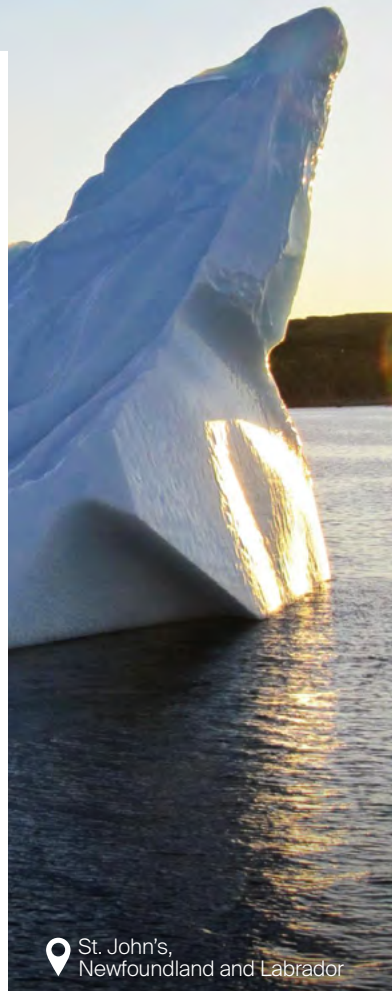
[Learn more →](#)

Ancient Waters Iceberg Quest

St. John's, Newfoundland and Labrador

There's nothing like seeing your first iceberg. Dangerous sparkle. Turquoise, white and emerald ice spires. 10,000-year-old water and light, frozen in time. Sail your team from St. John's Narrows to Iceberg Alley, where towering slabs of frozen water drift along the horizon, a moving mountain range on the ocean. Navigate amongst ice sheets, as playful pods of dolphins and humpback whales arise from the deep, enticing you with their blows, clicks and whistles. This is one ocean-bound adventure your group won't ever forget.

[Learn more →](#)



St. John's, Newfoundland and Labrador

Canada in Focus

Why Canada

Global Innovation Clusters

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Centres of Excellence

Incentive Rewards

ADVANCED MANUFACTURING IN CANADA

Canada is home to a strong, established manufacturing base that is leading the evolution to advanced production.

With a focus on applied R&D, Canada can attribute its leadership in advanced manufacturing to an innovation ecosystem spanning the country in numerous sectors.

THRIVING SUBSECTORS

Additive Manufacturing

Canada is a world leader in the implementation of additive manufacturing, which involves the creation of solid objects through 3D printers.

Automotive

Driven by a thriving innovation ecosystem, strong government support and a world-leading education system, the automotive industry is Canada's number one manufacturing export industry.

Connected and Autonomous Vehicles

Canada ranks #1 for government-funded AV pilot projects. Canada also ranks #1 for industry partnerships. More than 200 companies including GM, Ford, Google, Apple and Blackberry QNX are now actively involved in C/AV development in Ontario alone.

Space and Satellites

The Canadian space sector has established a global reputation in areas that include Earth observation, space robotics, space science and exploration, and satellite communications.

EV and EV Battery Manufacturing and R&D

Canada's longstanding expertise in automotive manufacturing is fully transferable to electric vehicle (EV) manufacturing. BloombergNEF ranks Canada #1 on the global lithium-ion battery supply chain.

Energy Storage Manufacturing and R&D

Technology-agnostic energy storage in Canada is seeing advances in manufacturing through R&D. The National Research Council Canada works with collaborators to develop sustainable next-generation energy storage materials and devices, including batteries for consumer electronics and EVs alike.

Automation and Robotics

Strong automotive sector adoption has propelled Canada's robot density (robots installed per 10,000 employees) to 198, which is 31% higher than the global average of 151.

\$214 B

manufacturing sector contribution to GDP in 2022

Source: Statistics Canada, 2023

\$922 B

in total manufacturing sector revenue

Source: Statistics Canada, 2022

1st

Canada is first among G20 countries to offer a tariff-free zone for industrial manufacturers

Source: Department of Finance Canada, 2022

1.55 M

jobs in manufacturing

Source: Statistics Canada, 2023

PROGRAMS AND INCENTIVES

INNOVATION AND SUPPORT

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.

NGen, a contraction of **Next Generation Manufacturing Canada**, connects manufacturers, technology providers, researchers, schools, government, investors and business networks to build Canadian world leadership in manufacturing, innovation and competitive performance.

The Strategic Innovation Fund focuses on support requests over \$10 million, connecting hundreds of large-scale, transformative and collaborative projects that promote long-term competitiveness, clean growth and strategic technological advantage for Canada.

WORLD-LEADING R&D

Canada's leading research institutions are driving innovation in the field of advanced manufacturing and creating growth opportunities for businesses.

The National Research Council Canada Advanced Manufacturing Program assists transportation equipment manufacturers by spearheading research on advanced materials and manufacturing technologies.

NOTABLE COMPANIES IN CANADA



RECENT INVESTMENT ANNOUNCEMENTS

Northvolt (Sweden) announced an investment of \$7 billion to build an EV battery facility just outside Montréal, Québec, creating up to 3,000 jobs. (September 2023)

Volkswagen's PowerCo SA subsidiary (Germany) announced an investment of \$7 billion to build an EV battery plant in St. Thomas, Ontario expected to create 3,000 jobs. (April 2023)

Amazon (U.S.) opened its new advanced robotics facility, one of only five worldwide, in Barrhaven, Ontario. The facility is expected to create over 2,500 jobs. (October 2022)

Umicore (Belgium) announced it would invest \$1.5 billion in an EV battery materials plant in Loyalist, Ontario. (July 2022)

Stellantis (Netherlands) will invest \$1.5 billion over three years to upgrade its Windsor, Ontario plant and add production lines. It is expected that 2,000 jobs will be added to the facility by 2024. (May 2022)

General Motors (U.S.) announced investments of over \$2 billion to transform its manufacturing operations in Ingersoll and Oshawa, Ontario. (April 2022)

LG Energy Solution (South Korea) and **Stellantis (Netherlands)** announced a joint investment of over \$5 billion to build an EV battery plant in Windsor, Ontario. (March 2022)

Honda (Japan) is to invest \$1.4 billion to retool and upgrade its Alliston, Ontario plant's assembly lines. This investment includes a \$132 million grant from the Ontario government. (March 2022)

General Motors (U.S.) and **POSCO Future M (South Korea)** announced a joint venture that will see the building of a \$500 million plant in Bécancour, Québec producing cathode active materials for GM's Ultium EV batteries. (March 2022)

CONTACT

Invest in Canada promotes, facilitates and accelerates foreign direct investment (FDI) into Canada. It is the global investor's primary point of contact. Reach out to speak with a dedicated advisor.

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UPDATED: APRIL 2024

CANADA[🍁]



📍 Three Isle Lake Alberta

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DECEMBER 2024

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