

A photograph of the Space Shuttle Columbia in orbit. The shuttle is oriented vertically, with the nose pointing upwards. The Canadian Space Agency's robotic arm (CAMS) is extended from the side of the orbiter. The arm is white and has the word "Canada" written on it in black. The background is the blackness of space.

AEROSPACE

+ Defence

**A GLOBAL PROVIDER
OF AEROSPACE AND
DEFENCE SOLUTIONS**

CANADA 
BUSINESS EVENTS

CANADA IN FOCUS

36.7
MILLION
TOTAL POPULATION

18.4
MILLION
TOTAL WORKFORCE

1.3
MILLION
BUSINESSES

\$2.14
TRILLION
TOTAL GDP

SOURCE: STATISTICS CANADA



**CANADA RANKS
1ST IN THE G7 FOR**

Democracy
(THE ECONOMIST
INTELLIGENCE UNIT)

Economic Freedom
(THE HERITAGE FOUNDATION)

Social Progress
(THE SOCIAL PROGRESS
IMPERATIVE)

Overall Reputation
(REPUTATION INSTITUTE)

Quality of Life
(OECD)



Canada offers businesses the **MOST EDUCATED** talent pool among OECD countries



Total business tax costs in Canada are **48% LOWER** than those in the US

DISCOVER CANADA FOR BUSINESS EVENTS

“Canada is one of the safest, affordable and most welcoming destinations. When you convene in Canada for meetings and conventions you’ll be connected with the innovators who are shaping the future, the thought leaders who are leading the way and the business and research architects who elevate Canada’s position on the world stage across a spectrum of industries. Research tells us meeting in Canada makes delegate engagement soar; connecting with Business Events Canada is the first step to your best conference ever.”

— Chantal Sturk-Nadeau, Executive Director, Global Business Events Canada

Business Events Canada is a division of Destination Canada, our national tourism marketing agency charged with growing Canada’s share of international business events.

“Canada is an alluring destination for global meetings and business events. By showcasing our industry expertise, we provide meeting planners and decision makers with important context to make their case for meeting in Canada, and fresh content to augment their agenda that is only available here. When you couple that with the unique conference locations and experiences Canada is known for, it’s a win for everyone.”

— Virginie De Visscher, Director of Business Development Economic Sectors, Business Events Canada

CANADA’S CLUSTER EXPERTISE



The province of Quebec’s aerospace cluster is led by **Aéro Montréal**, a strategic think tank comprised of government, corporate, educational, R&D, association and union decision makers. The cluster is dedicated to excellence in six key areas: supply chain development; branding and promotion; innovation; human resources; defence and national security; and commercialization and market development.



A cluster of military-specific **visualization and simulation services** is thriving in Halifax. Innovators include:

- CAE Canada’s flight simulation technology
- Atlantis Systems’ simulation-based aircraft training systems
- Longtail Studios’ character-driven games for Ubisoft
- Silverback Productions’ flash and 3D games development

AN UNLIMITED HORIZON

Canadian pioneers long dreamed of taking flight, and their subsequent innovations opened new ways to explore, helping transform Canada into a manufacturing-based economy. The world-class research, testing and leading-edge certification infrastructure, digital technologies, and advancements in robotics, artificial intelligence, cybersecurity and clean-energy solutions being produced in Canada propel the industry toward a greener, safer, faster future. Today, aerospace and defence centres of excellence in Winnipeg, Halifax, Ottawa and Montréal, provide organizers of international conferences an array of unique locations to connect with the world’s foremost industry experts and leading researchers, advancing global connections along the way.

LEARN MORE > businesseventscanada.ca



PHOTO: ECONOMIC DEVELOPMENT WINNIPEG

BUSINESS EVENTS DRIVE ECONOMIES AND INNOVATION

Business Events Canada is focused on attracting conferences and business events from across the key economic sectors in which Canada excels.

With nearly **\$29 billion** in revenue and **\$12.6 billion** in GDP contribution, aerospace is a key driver of Canada’s economy and one of the country’s top priority economic sectors.



By focusing on the whole ecosystem, aligning Canada’s key economic drivers, academia, vibrant destinations and conference infrastructure, Business Events Canada creates a recipe for innovative, authentic and engaging conferences and events.



Converging diverse, creative and commercial interests across industries, global aerospace and defence-focused conferences have the power to transform communities with their subsequent legacy impacts, also known as “beyond tourism benefits.” More than a marketing tool to attract conferences, Business Events Canada’s priority sector strategy is a long-range economic development strategy with far-reaching benefits that will last long after each conference has concluded.



It’s wide, blue skies for Canada’s aerospace and defence industries. **Ranking third globally** for civil aircraft production, Canada is a global leader in civil aviation and defence systems, encompassing regional aircraft, avionics, business jets, commercial helicopters, aircraft engines, flight simulation, landing gear, shipbuilding and space systems. Respected the world over for its ongoing investment in R&D and regulatory framework, the Canadian ecosystem includes such global giants as **Pratt & Whitney, Boeing, Bombardier, Airbus, General Dynamics** and more. With a well-deserved reputation for quality, value, performance and reliability, Canada takes flight across a variety of aerospace and defence subsectors including: composite R&D; visualization and simulation services; engine testing and manufacturing; and marine sonar and sensing capabilities.

CANADA'S AEROSPACE + DEFENCE CENTRES



OTTAWA

- Aerospace R&D
- Cybersecurity
- Development of Defence and Security Products

MONTRÉAL

- Aerospace Design
- Aerospace R&D
- Certification
- Fabrication and Manufacturing
- Maintenance of Fixed-Wing and Rotary-Wing Aircraft
- Manufacturing of Aircrafts, Engines, Simulators and Equipment
- Specialized Subcontractors and Suppliers

HALIFAX

- East Coast Naval Shipbuilding
- In-Service Support (ISS) to Department of National Defence (DND)
- Marine-centric Defence and Security
- Shipyard
- Sonar and Sensing

WINNIPEG

- Additive Manufacturing
- Composites
- Engine Testing
- Industry 4.0
- Maintenance, Repair and Overhaul (MRO)
- Sensors
- Spacecraft

THE MARITIMES
PRINCE EDWARD ISLAND
NOVA SCOTIA
NEW BRUNSWICK

AEROSPACE + DEFENCE

LEADING-EDGE SOLUTIONS

As a significant global player in aerospace and defence, Canada is home to forward-thinking firms, researchers and innovators providing products and services to a broad range of civil aviation, defence and space programs.

AEROSPACE INDUSTRY

\$29 BILLION

ANNUAL REVENUE

\$12.6 BILLION

SECTOR GDP

85,600

JOBS

SOURCE: STATE OF CANADA'S DEFENCE INDUSTRY 2018 REPORT; INNOVATION, SCIENCE AND ECONOMIC DEVELOPMENT CANADA; AEROSPACE INDUSTRIES ASSOCIATION OF CANADA

Two main activities define the Canadian aerospace industry: **manufacturing represents 68%** of sector GDP, while **maintenance, repair and overhaul (MRO) represent 32%** of sector GDP.

Segments/subsectors include:

- Additive Manufacturing
- Aerospace Design
- Aerospace R&D
- Certification
- Composites
- Cybersecurity
- Development of Defence and Security Products
- East Coast Naval Shipbuilding
- Engine Testing
- Fabrication and Manufacturing
- Industry 4.0
- In-Service Support (ISS) to Department of National Defence (DND)
- Maintenance, Repair and Overhaul (MRO)
- Manufacturing of Aircrafts, Engines, Simulators and Equipment
- Marine-centric Defence and Security
- Sensors
- Shipyard
- Sonar and Sensing
- Spacecraft
- Specialized Subcontractors and Suppliers



DEFENCE INDUSTRY

\$6.2 BILLION

SECTOR GDP

40% GROWTH

IN THE MARINE DOMAIN (2014 TO 2016)

\$10.1 BILLION

SALES OF DEFENCE GOODS AND SERVICES

60,000

JOBS

SOURCE: STATE OF CANADA'S DEFENCE INDUSTRY 2018 REPORT; INNOVATION, SCIENCE AND ECONOMIC DEVELOPMENT CANADA

TOP GLOBAL AEROSPACE AND DEFENCE COMPANIES



SOURCE: DELOITTE, 2018 GLOBAL AEROSPACE AND DEFENSE INDUSTRY FINANCIAL PERFORMANCE STUDY; RANKED BY 2017 REVENUE

SUBSECTOR SPOTLIGHT

AEROSPACE R&D

HOTSPOTS

\$1.7 BILLION

R&D SPENDING (2017)

SOURCE: STATE OF CANADA'S DEFENCE INDUSTRY 2018 REPORT; INNOVATION, SCIENCE AND ECONOMIC DEVELOPMENT CANADA; AEROSPACE INDUSTRIES ASSOCIATION OF CANADA

SUCCESS STORIES

Pratt & Whitney Canada, a global aerospace leader, is consistently one of Canada's top five R&D investors overall. The company has committed more than \$1 billion to develop the next generation of high-performance aircraft engines.



Aerospace is Canada's most **R&D intensive manufacturing** industry



98% of Québec's aerospace activity takes place in Montréal, which is home to 10 of the world's major aerospace research centres



7 of the world's top 10 aerospace and defence companies have their Canadian headquarters in Ottawa

SECURITY + DEFENCE

HOTSPOTS



More than 30% of Canada's top defence companies are in Nova Scotia

SOURCE: NOVA SCOTIA BUSINESS INC.

SUCCESS STORIES

Canadian Forces Base Halifax is home to the Maritime Forces Atlantic of the Royal Canadian Navy.

Ottawa is home to 13 federal government departments involved in public safety and security. The city's four post-secondary institutions offer more than 30 courses in cybersecurity.

Lockheed Martin Canada's Maritime Advanced Training and Test Site (MATTS) facility in Halifax provides a near-at-sea environment for Canadian businesses to test and develop solutions for Canada's navy.

MANUFACTURING

Among the world's **aviation manufacturers**, Canada ranks

#1

Civil flight simulator production

#3

Civil aircraft production

#3

Civil engine production

Canadian aerospace companies are a top choice for global **original equipment manufacturers (OEMs)** and their tier-one partners thanks to product and service quality, leading-edge technology and cost competitiveness.

SUCCESS STORIES

Boeing Winnipeg is one of Canada's largest aerospace composites manufacturers, producing more than 500 end-item composite parts and assemblies for Boeing commercial airplanes. The company is also a collaborative partner with the **Composites Innovation Centre** to develop lightweight, higher quality and lower cost composite aircraft parts.

HOTSPOTS



HALIFAX INTERNATIONAL SECURITY FORUM

November 16-18, 2018
500 attendees



Halifax Shipyard, led by Irving Shipbuilding, has won a \$25-billion contract to build combat vessels for the Royal Canadian Navy under the National Shipbuilding Strategy.

WINNIPEG

Almost every aspect of the aerospace industry is represented in Winnipeg, including cold weather and icing certification testing, small turbine engine repair, satellite manufacturing and solid fuel rocket design, not to mention Canada's largest aerospace composite manufacturing centre.

R&D INNOVATION



GE Aviation Engine Testing, Research and Development Centre (TRDC)



Global Aerospace Centre for Icing and Environmental Research (GLACIER)



Composites Innovation Centre (CIC)

SUCCESS STORIES

GE Aviation and **StandardAero** have upgraded the GE Aviation Engine Testing, Research and Development Centre in Winnipeg to run trials of the new GE9X engine, which is destined to power Boeing's 777X aircraft.

“Winnipeg boasts an impressive aerospace sector, with many of the major industry leaders located right here in Winnipeg. With this expertise and network, we are the perfect venue to host an aerospace event and look forward to welcoming delegates as they land in Winnipeg.”

— Pascal Bélanger, VP of Business Development, Winnipeg Airports Authority

\$1.8 BILLION

ANNUAL REVENUE

4,400

EMPLOYED

31

BUSINESSES

CANADA'S

3RD LARGEST

AEROSPACE CLUSTER

MANITOBA HAS EXPORTED OVER **\$5 BILLION** IN AEROSPACE PRODUCTS OVER THE PAST 10 YEARS

SOURCE: ECONOMIC DEVELOPMENT WINNIPEG INC.

COMPANIES

- Boeing Canada
- Cadorath
- Corner Group Industries
- FastAir Executive Aviation Services
- Magellan Aerospace
- MicroPilot
- Rockwell Collins
- StandardAero

SWIFT
WORLD'S PREMIER
AIRFIELD OPERATIONS
CONFERENCE
 2020
 400 attendees

OTTAWA

Ottawa is Canada's national capital and the hub for the aerospace, defence and security sector. This competitive environment features global industry leaders, some of the country's best R&D capabilities and a high concentration of tech innovators.

190

COMPANIES

10,000

EMPLOYED

SOURCE: INVEST OTTAWA

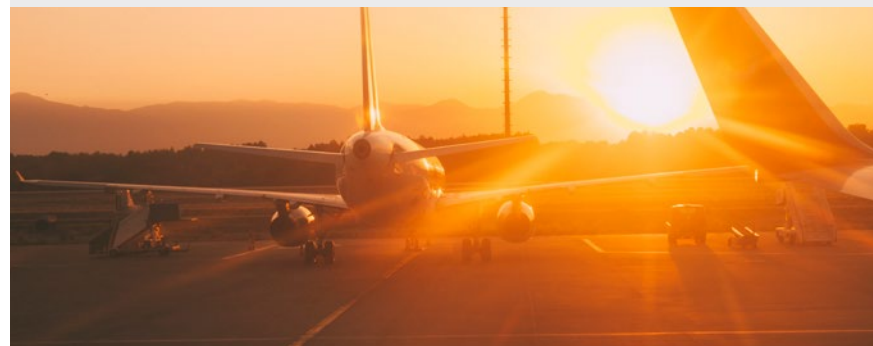
COMPANIES

- BAE Systems
- Boeing Canada
- CAE Canada
- General Dynamics
- Honeywell Aerospace
- Lockheed Martin
- MDA
- MDS Aero Support
- Neptec Design Group
- Raytheon
- Rockwell Collins
- Thales

SUCCESS STORIES

ING Robotic Aviation is a high-tech robotic aircraft company that provides airborne mapping, inspection and monitoring services to key sectors including defence and public safety, oil and gas, mining, utilities and agriculture.

Lixar is a software and Internet of Things company providing fleet and reservation management, point-of-sale, passenger experience, customer engagement and operational efficiency solutions for the aerospace industry.



“As a world leader in aerospace R&D, the National Research Council Canada (NRC), headquartered in Ottawa, has a long and proud history of conducting research, performing technical services and developing technology solutions to support the Canadian aerospace industry. The NRC's Aerospace Research Centre is the leading Canadian organization in the development of technologies and manufacturing processes for aerospace, supporting this important industry with facilities, expertise and knowledge.”

— Mouhab Meshreki, Acting Director General, Aerospace, National Research Council Canada

OTTAWA IS HOME TO...

- National Research Council's Aerospace Research Centre
- Canadian Space Agency's David Florida Laboratory
- Department of National Defence
- Canadian Air Transport Security Authority

CANADIAN
AEROSPACE SUMMIT
 November 13–14, 2018
 1,200 attendees

MONTRÉAL

Greater Montréal is a major global aerospace hub and home to Aéro Montréal, Canada's largest aerospace cluster. The city generates 52% of the country's aerospace industry sales.

“Since 1945, the International Air Transport Association (IATA) has been headquartered in Montréal. Led by the presence of the International Civil Aviation Organization, Montréal is one of the world's great civil aviation hubs and a cost-competitive place for us to conduct our global business operations. In 2015 we moved the leadership of our Airport, Passenger, Cargo and Security Division to Montréal—an important strategic move for IATA that will enhance our presence even further.”

— Alexandre de Juniac, Director General & CEO, International Air Transport Association

\$15.5 BILLION

ANNUAL REVENUE

205

COMPANIES

39,130

EMPLOYED

SOURCE: MONTRÉAL INTERNATIONAL; MINISTRY OF ECONOMY, SCIENCE AND INNOVATION, 2016



The province of Quebec's aerospace sector is ranked **5th worldwide** after the United States, France, Germany, the UK and Japan



Greater Montréal is one of the world's **three major aerospace centres**, alongside Seattle, Wash., and Toulouse, France

COMPANIES

- Aerolia Canada
- Alten Canada
- Bell Helicopter Textron
- Bombardier
- C&D Zodiac
- CAE Canada
- Esterline CMC Electronics
- MDA
- Pratt & Whitney Canada
- Rolls-Royce
- Safran Group
- Sonaca Montréal
- Stelia Aerospace North America

AEROSPACE
INNOVATION FORUM
CRIAQ RESEARCH
FORUM
 April 25–26, 2016
 1,900 attendees

SUCCESS STORIES

Bell Helicopter Textron Canada is working to develop next-generation helicopter technologies including a commercially viable urban air taxi via Hybrid Drive Train Research Aircraft (HYDRA), its circular unmanned aerial research platform.

Bombardier's Global Completion Centre includes the Centre of Excellence, which is dedicated to high-precision completion work for the new Global 7000 business jet.

#meetincanada

HALIFAX

Halifax, a military base for more than 250 years, is a leader in acoustic hull design, systems electronics, sonar technology and computer-aided manufacturing. The province of Nova Scotia is home to the largest concentration (40%) of Department of National Defence assets.

\$600 MILLION

ANNUAL REVENUE

6,000

EMPLOYED

SOURCE: GREATER HALIFAX PARTNERSHIP, AEROSPACE AND DEFENCE

COMPANIES

- CAE Professional Services
- General Dynamics
- IMP Group International
- Irving Shipbuilding
- Lockheed Martin
- Raytheon
- Ultra Electronics Maritime Systems

“Nova Scotia attracts globally recognized companies working in naval defence, shipbuilding, sonar and sensing, in-service support, cybersecurity, and training and simulation. The international conferences follow suit in those sectors of expertise and Halifax is well suited to host them.”

— Jeff Turner, Sales Director, International, Discover Halifax



Halifax Harbour, Nova Scotia

SUCCESS STORIES

Bluedrop Performance Learning is spearheading a \$19-million project to adapt gaming and mobile technologies—such as virtual reality and augmented reality—to improve the use of artificial intelligence in new simulation and training products used by air and marine crews.

12 Wing Shearwater, located at **CFB Shearwater** and home to combat-capable CH-148 Cyclone helicopters, is the centre of naval aviation in Canada and the Maritime helicopter community. Nearby, **CFB Greenwood** is the largest air base on Canada's East Coast and is used as a forward deployment base as part of NORAD's post-9/11 actions addressing civilian airline security along North America's eastern coast.

CANADIAN NATO
PARLIAMENTARY
ASSOCIATION
 64th Annual Session
 November 16–19, 2018
 900 attendees

WHY CANADA

FOR AEROSPACE + DEFENCE CONFERENCES



Through collaboration between government, academia and industry, Canada is addressing a large range of complex challenges facing manufacturing, sustainability and global defence systems. The world's aerospace and defence leaders regularly meet in Canada—at events that include the Canadian Aerospace Summit and the Halifax International Security Forum—to shape the future of the industry.



International Aerospace Week, North America's largest global aerospace industry conference, is hosted in Montréal annually bringing together more than 1,300 participants and hundreds of international experts and speakers to collaborate, innovate, network and advance the industry.



Canada's aerospace and defence industries span civil and defence aviation, shipbuilding, simulation, robotics, composite and engine manufacturing. With Canada's ongoing investment in R&D, innovators in this key economic sector are cleared for takeoff.

Aerospace and defence are big business. The diversity of the supply chain from R&D to manufacturing, maintenance, repair and overhaul, means plenty of Canadian industry champions to help round out conference agendas.

Canada boasts the **most educated workforce** among OECD countries, ranks **3rd in the world** for civil aircraft and engine production and **1st in the world** for civil flight simulator production.



PHOTO: STANDARDAERO

StandardAero, Winnipeg



7 of the world's top 10 aerospace and defence organizations

have headquarters in Canada, a safe, welcoming and collaborative place to convene.

Industry names you know: **Pratt & Whitney, General Dynamics, Bombardier, GE Aviation, StandardAero, Lockheed Martin,** and more, operate manufacturing and innovation centres across Canada.



GENERAL DYNAMICS



BOMBARDIER



In Canada, knowledge transfers are made across subsectors to harness emerging technologies for use in civil and defence aviation, shipbuilding and aircraft component manufacturing. Here, inclusion is a way of doing business.



Canada is a world leader in innovation across robotics, AI, cybersecurity and advanced manufacturing—champions and speakers across these innovation sectors augment conference agendas.

Necessity really is the mother of invention. Some of the world's most advanced work being done with cold climate composite materials is happening in Canada's coldest climate locations, fuelling innovation and advancing composite materials performance along the way.

CANADA

BUSINESS EVENTS

NO ONE KNOWS CANADA LIKE WE DO!

The Business Events Canada team offers in-depth knowledge of all Canadian destinations from industry content to conference facilities. Contact us for solutions and support on the fundamentals of meeting in Canada, including introductions to our extensive cross-country network of meeting and event partners.

Business Events Canada is your first point of contact when considering Canada for your group!

FIND OUT MORE > businessseventscanada.ca
[#meetincanada](https://twitter.com/meetincanada)

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