CAAM

Topic: Canada's Pathway to Advanced Air Mobility Operations


ICGA 2026



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What is Advanced Air Mobility?

Advanced Air Mobility (AAM) is the **evolution** of air transportation enabled by an ecosystem of:



New Propulsion Systems



New Aircraft Architecture



New Operating Missions

allowing people, goods, and services to move within urban and regional areas safely.

Evolving Aviation Ecosystem





RPAS

InDro Robotics Wayfinder

2016

Regional

Harbour Air eBeaver

2019



Aviation Training

Sealand Flight Pipistrel Velis Electro

2024



eCTOL

BETA Technologies
ALIA CX300
2028




eVTOL
Horizon Aircraft
Cavorite X7
2030+

Autonomous eVTOL

Wisk Gen 6 Aircraft

2030+



Commercial Aviation

Airbus ZEROe

2035+



Evolving Aviation Ecosystem















2016 2019 2024 2028 2030+ 2035+

CAAM Member Ecosystem



CAAM Partner Organizations



International



National



Provincial & Municipal

CAAM Partner Organizations

International

ICAO · ACI Airports Council International · IATA · CANSO Shaping Our Future Skies · ICCAIA · IBAC International Business Aviation Council

National

Government	Industry Association	Research & Workforce Development
Transport Canada · NAV CANADA	AIAC · CAC Canadian Airports Council · NACC National Airlines Council of Canada · CBAA·ACAA · Aerial Evolution Association of Canada · ATAC Air Transport Association of Canada	CCAA · NRC·CNRC · mitacs · Canadian Mobility and Aerospace Institute · ITPS Canada

Provincial & Municipal

British Columbia · Calgary Economic Development · Alberta Aviation & Aerospace Council · OAC · Aéro Montréal · Atlantic Canada Aerospace & Defence · BCAC · CRIAQ Consortium de recherche et d'innovation en aérospatiale au Québec · Espace Aéro · BCIT British Columbia Institute of Technology · DAIR · CED · WISA Waterloo Institute for Sustainable Aeronautics

International

ICAO

AIRPORTS COUNCIL INTERNATIONAL

ICCAIA

CANSO
SHAPING OUR FUTURE SKIES

Vertical Flight Society

IFALPA

IATA

IBAC
International Business Aviation Council

Dubai Airshow

SINGAPORE AIRSHOW
WHERE AVIATION'S FINEST MEET

INTERNATIONAL PARIS AIR SHOW

FARNBOROUGH INTERNATIONAL

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National

NAV CANADA

Transport Canada

Innovation, Science and Economic Development Canada

Défense nationale | National Defence

AIAC

NACC
National Airlines Council of Canada

Aerial Evolution Association of Canada
Association pour l'Évolution Aérienne du Canada

ATAC
Air Transport Association of Canada
Association du transport aérien du Canada

CAC
CANADIAN AIRPORTS COUNCIL

CASI IASC

STRIX

CADSI

SATCAN

CBAA·ACAA
CANADIAN BUSINESS AVIATION ASSOCIATION | ASSOCIATION CANADIENNE DE L'AVIATION D'AFFAIRES

Helicopter Association of Canada
HAC
"Bringing the Industry Together"

CANASA
Canadian Security Association
Association canadienne de la sécurité

ccaa

CANADIAN MOBILITY AND AEROSPACE INSTITUTE
INSTITUT POUR LA MOBILITÉ ET L'AÉROSPATIALE AU CANADA

NRC·CNRC

mitacs

ITPS CANADA

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Provincial & Municipal

British Columbia
Ontario
Manitoba
Québec
Nova Scotia / Nouvelle-Écosse
Alberta Government
Invest Vancouver
SBOT Surrey Board of Trade
Toronto Global
Toronto Region Board of Trade
Invest Ottawa / Investir Ottawa
Economic Development Winnipeg
MTI Montréal International
Invest Nova Scotia
Edmonton Global
Calgary Economic Development

BCAC British Columbia Aviation Council
OAC Ontario Aerospace Council
Alberta Aviation & Aerospace Council
Aéro Montréal
Atlantic Canada Aerospace & Defence
Northern Air Transport Association
NATA Canada
Manitoba Aviation Council
SAC

DAIR Downsview Aerospace Innovation & Research / Downsview Aérospatiale Innovation & Recherche
CRIAQ Consortium de recherche et d'innovation en aérospatiale au Québec
Espace Aéro
CED
CAMAQ Comité sectoriel de main-d'œuvre en aérospatiale
WISA Waterloo Institute for Sustainable Aeronautics
BCIT British Columbia Institute of Technology
SFU Simon Fraser University
UVIC University of Victoria Canada
University of Toronto
Carleton University
University of Waterloo
uOttawa
Centennial College
UBC
SAIT
Polytechnique Montréal Université d'ingénierie
McGill University
UdS Université de Sherbrooke
ÉTS École de technologie supérieure Université du Québec
Dalhousie University
Réseau SDG Innovation Network

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National AAM Integration Team

CAAM spearheads the coordination, communication, and collaboration among the following main parties

- Federal AAM Integration Team | Transport Canada & NAV CANADA
- National Board

The primary objective is to activate, unify and synthesize the industry's voice concerning opportunities, concerns, and challenges, thereby supporting regulatory authorities through the Federal AAM Integration Team.



CAAM

Provincial AAM Roundtables



ICGA2026

Canada

UPDATES

CAAM 2027+ Roadmap

CAAM 1.0
2020-2025

Education & Awareness

Assembling and building the Canadian AAM ecosystem enroute to operations.

CAAM 2.0
2025-2030

Operationalization

Canada has achieved inaugural commercial operations of zero-emission aircraft.

CAAM 3.0
2030+

Commercialization

Canada has achieved scaled operations of zero-emission aircraft nationwide.

INDUSTRY UPDATES

Canada’s AAM Value Chain Opportunities

Potential value distribution, 2030

Value chain breakdown
% of total consumer spending

Value chain categories **Underlying categories** (not exhaustive)

Source: McKinsey Center for Future Mobility

Canada's AAM Value Chain Opportunities

Potential value distribution, 2030

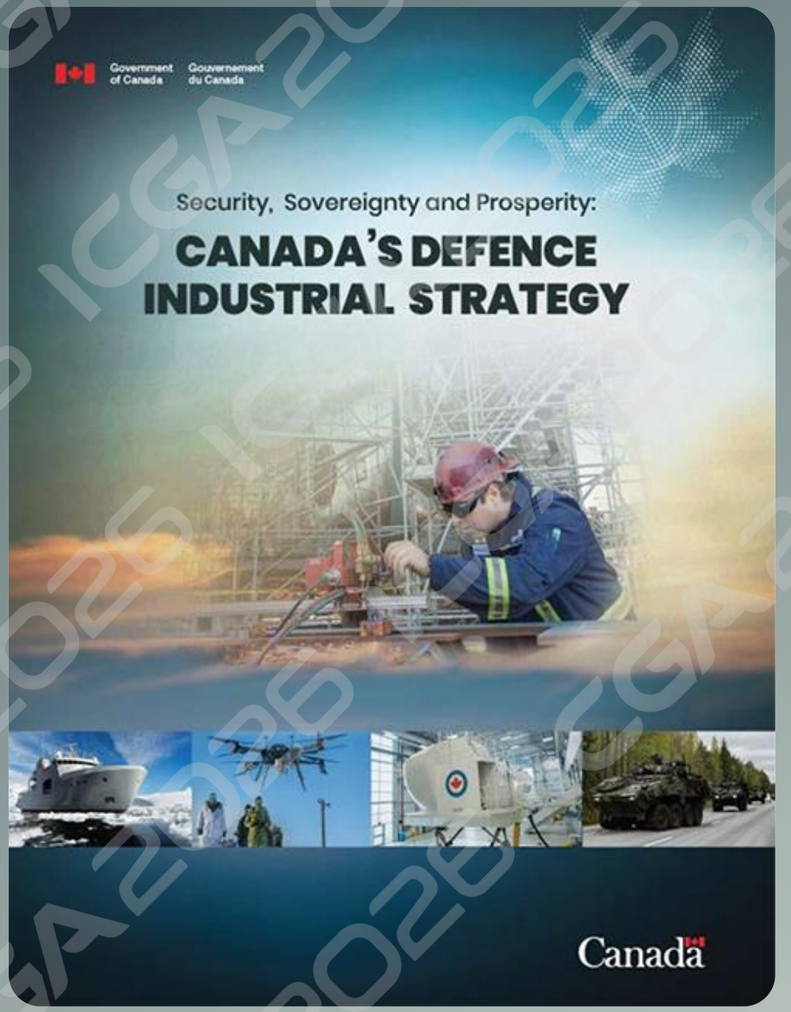
Value chain breakdown
% of total consumer spending



Value chain categories	**Underlying categories** (not exhaustive)
Battery	Batteries and fuel cells
Hardware and software components supply	Traditional components (e.g. airframe, avionics, landing gear)
Aircraft manufacturer	Research and development, aircraft design, aircraft integration, testing, validation
Asset provision	Financing and asset ownership, insurance
Aftermarket	Maintenance and replacement parts
Infrastructure	Starting/landing and charging infrastructure, energy sourcing, ground operations
Pilots	Pilot salary, pilot training
Tech platforms	Cloud services and data management, flight operations platform, cybersecurity
Air traffic management	Air control hardware and software, ATC center, control center (fleet management)
Mobility services	Consumer interface platform, meta or aggregator platform

Source: McKinsey Center for Future Mobility

Canada’s Defence Industrial Strategy



Budget 2025 - Canada Strong



$656.9M

Over five years through ISED to accelerate the development and commercialization of **dual-use technologies** to advance aerospace innovation, alongside automotive, marine, cybersecurity, AI, biodefence, and life sciences sectors.

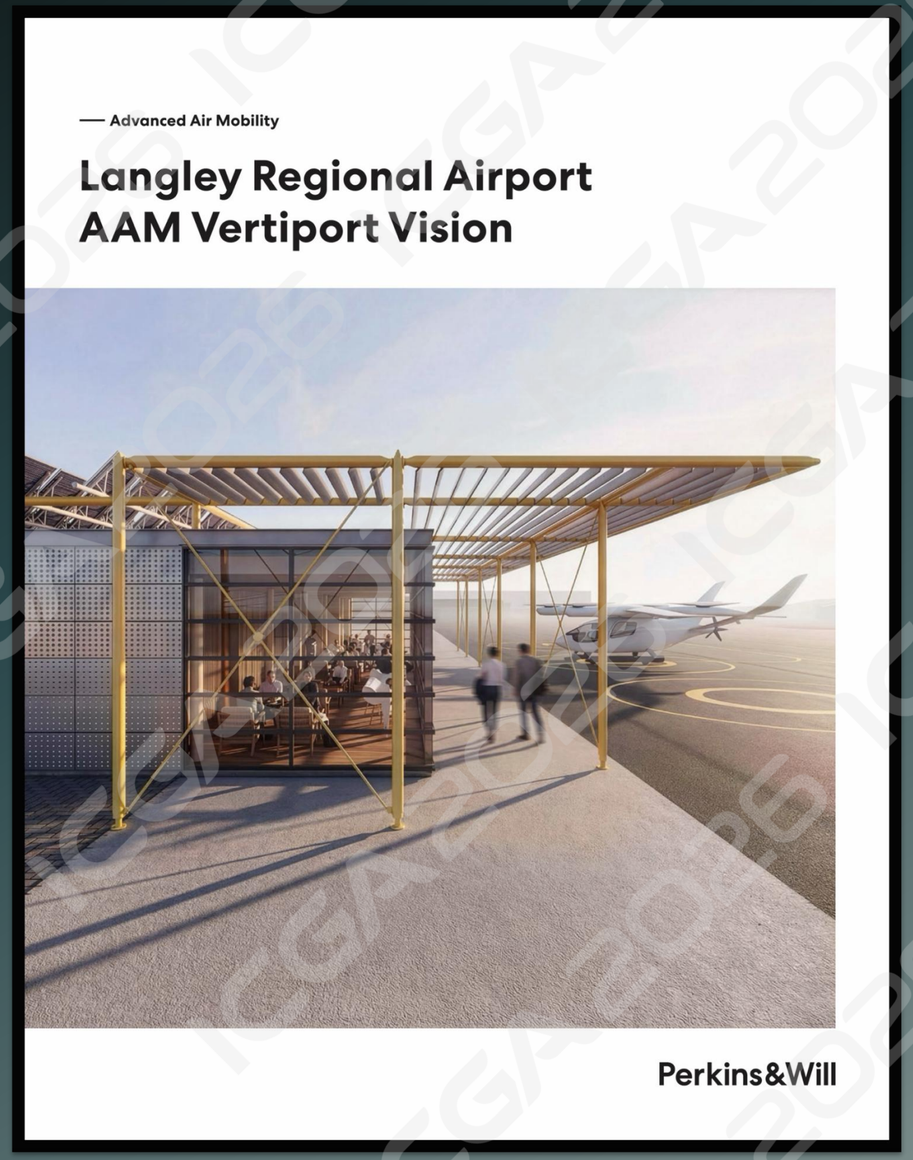
Progress to Operations in Canada


Helijet
INTEGRATED VERTICAL MOBILITY
BETA ALIA 250 eVTOL
Designed for 5 passengers plus pilot
Payload and Range to link
Vancouver, Victoria, Nanaimo, Whistler, and Seattle
Cruising speeds up to 155mph/250kph
Capable of recharging in less than one hour
Helijet eVTOL - on approach in 2030
Helijet
Proud Partners with...
COASTAL FIRST NATIONS
BLADE
Fairmont WATERFRONT
Fairmont EMPRESS
RBC GranFondo WHISTLER
PACIFIC SALMON FOUNDATION
ARTSCLUB
HWB
Power To Be

Electric Aircraft – Vancouver Airport & Helijet



Electric Aircraft – Langley Airport





Canada’s Operations

(In Case You Missed It)



Horizon Aircraft Advances All-Weather Certification with the Start of Ice Protection Technology Testing

Canada’s Operations

(In Case You Missed It)



Unither Bioélectronique Completes World’s First Piloted Hydrogen-Electric Helicopter Circuit Flight in Québec

Canada's Role in International AAM

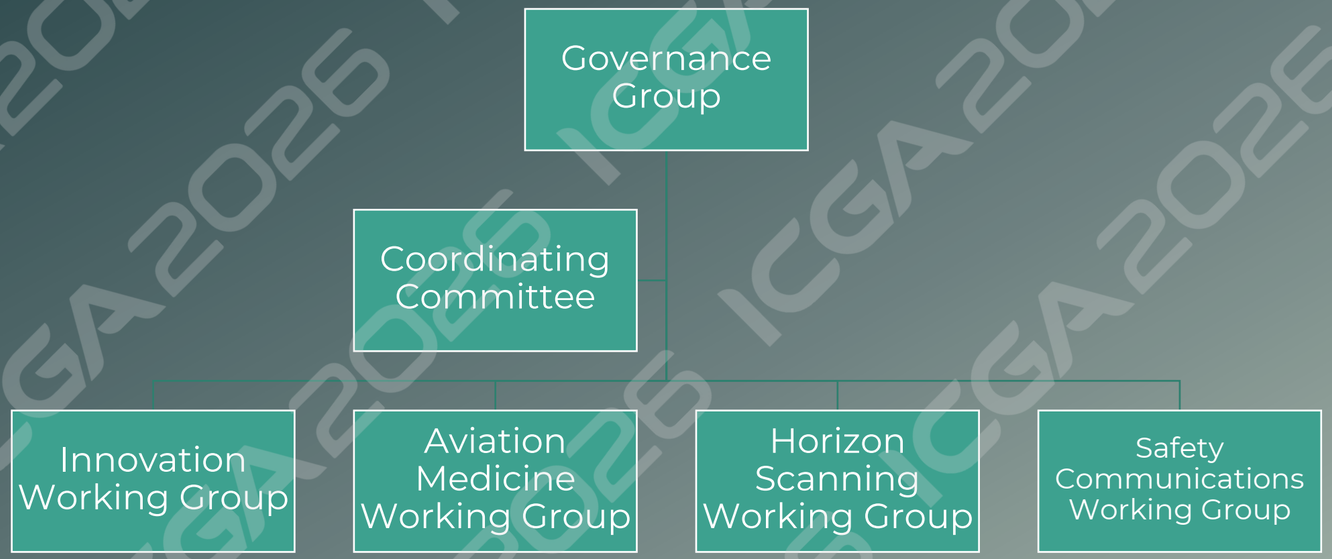
Roadmap for Advanced Air Mobility Aircraft Type Certification

National Aviation Authorities Network



What is the NAA Network?

A forum for the national aviation regulatory authorities from **Australia**, **Canada**, **New Zealand**, the **United Kingdom**, and the **United States of America** to foster cooperation, learning, and sharing of best practices by working in partnership on common and emerging challenges in aviation and aerospace

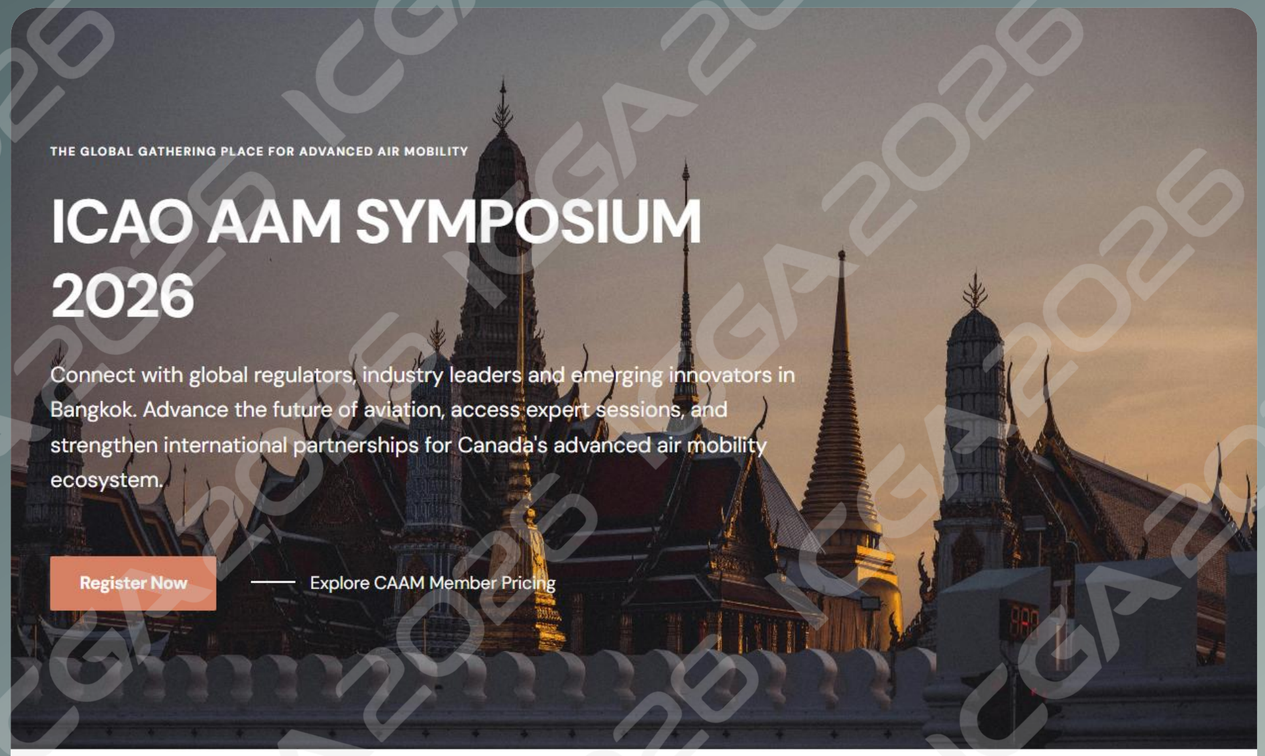


JOIN US FOR ICAO AAM 2026

Dec 1-3, 2026

Bangkok, Thailand

For more info:




CAAM is stepping up for
the future of
aviation in Canada

Join the Journey

Reach out to us: info@canadianaam.com



THANK YOU!

Come join us on the future of flight in Canada!

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