



DECARBONAZING AVIATION

Decoupling Growth from Emissions



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TRUE TO OUR PRINCIPLES & VALUES

NOBLE CAUSE

Uniting people for a world of new possibilities

VISION

More flights to more places

MISSION

Driving our region's economic prosperity through aviation and commercial development

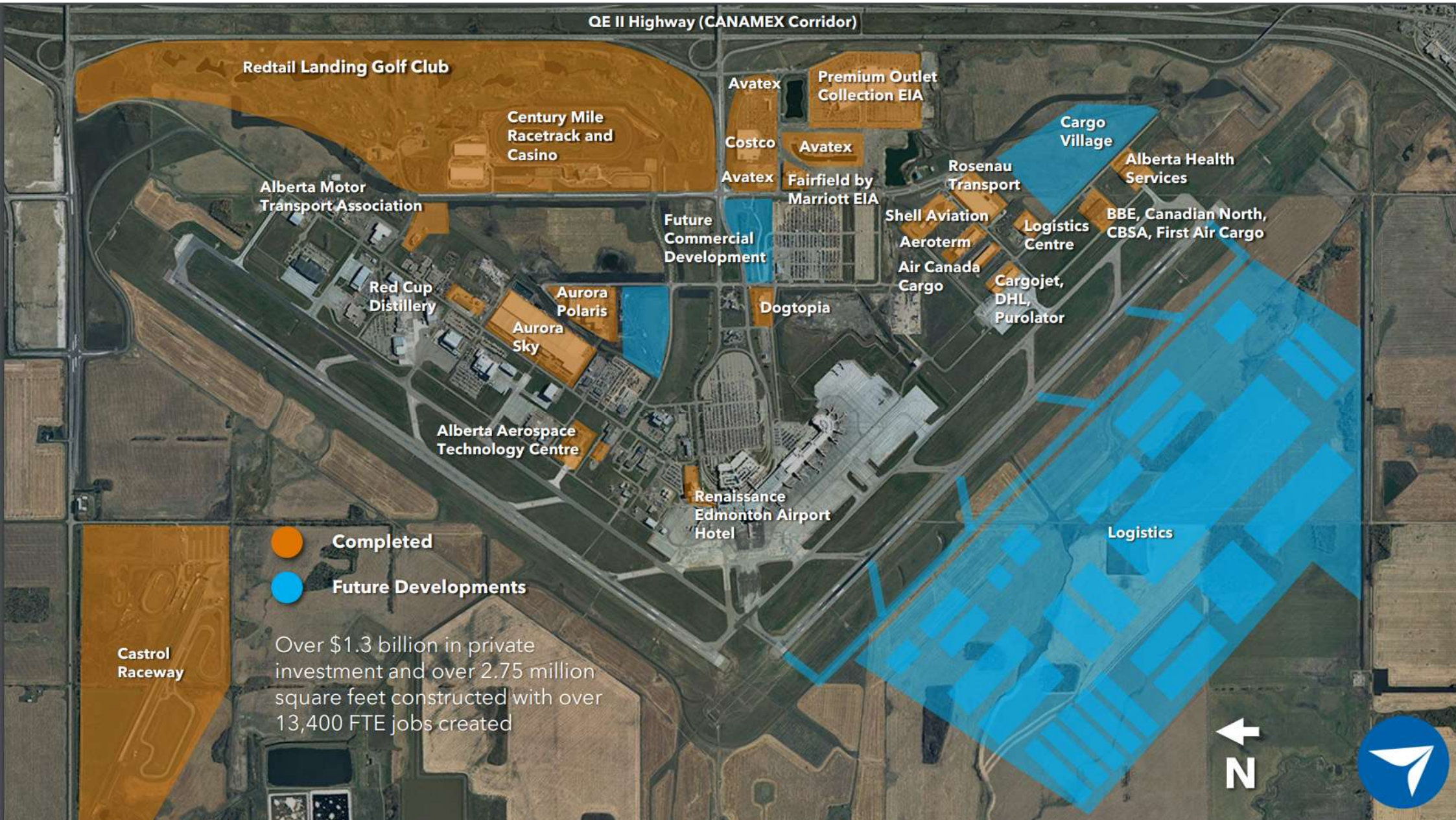
GOAL

10 million passengers by 2025
\$3.88 billion in economic output by 2025



ESG PRINCIPLE

All our actions will drive our mission to responsibly generate economic prosperity for our region through authentic environmental, social, and governance leadership



NOT JUST AN AIRPORT

AIRPORT CITY

SUSTAINABILITY

CAMPUS

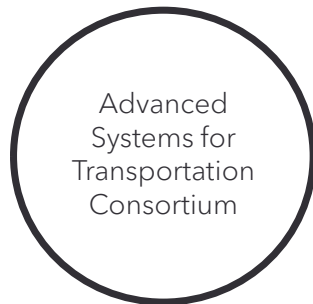
- Driving our region's economic prosperity through aviation and commercial development
- Largest Airport by Land 7000+ acres
- Living Lab for the testing, trialing, incubating and commercializing technologies



ELEMENTS OF AIRPORT CITY SUSTAINABILITY CAMPUS

Focused Innovation Development Clusters

AIRPORT CITY Sustainability Campus



TOOLS TO Decarbonize




Building Methodology
Cogeneration
Solar & Power Storage
Nature Based Solutions
Sustainable Aviation Fuels
Hydrogen
Carbon Capture, Utilization &
Storage (CCUS)
Direct Air Capture
Carbon Offsets



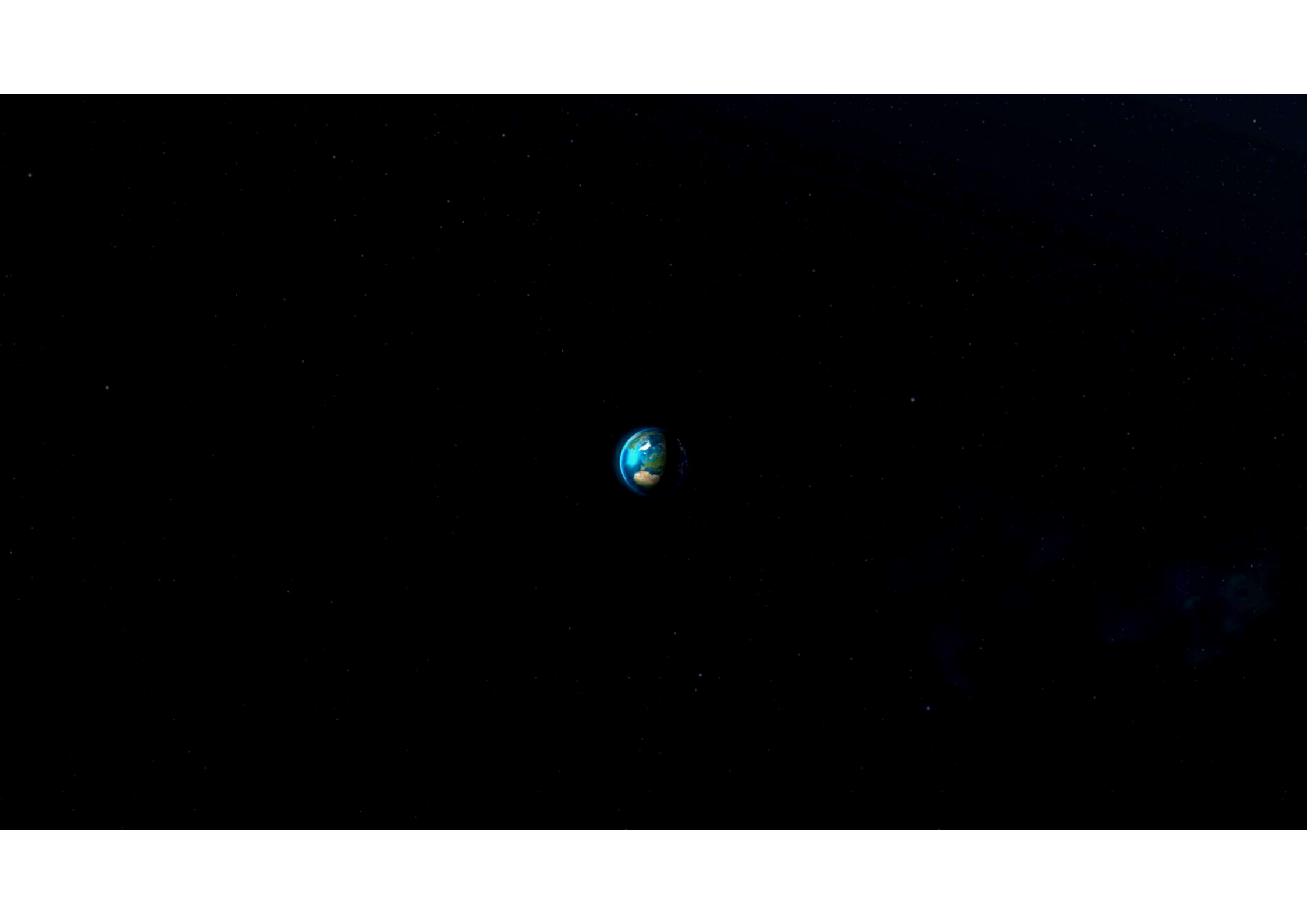
HYDROGEN IN Edmonton Metro

- 60% + of Canada's Hydrogen is created in Alberta with the majority in Edmonton Metropolitan Region
- In last year, \$17B of hydrogen investments announced
- Edmonton Metro Area is the first Hydrogen Hub in Canada
- EIA is strategically positioned to be a nexus for supply and demand

A top-down view of several people's hands, of various skin tones, reaching towards the center. They are holding a small, vibrant green basil-like plant growing out of a mound of dark brown soil. The hands are positioned in a circle, with some fingers overlapping, creating a sense of unity and shared purpose. The background is a soft, out-of-focus grey. The overall mood is positive and collaborative.

"If you want
to go fast,
go alone. If
you want to
go far, go
together."

African proverb





Sustainable Partnerships



EIA is the
future home of

AIRPORT CITY solar

627

acres of
sustainable
power
generation

the size of

313

football
fields

electricity to power

27,000

homes

340,000

solar panels

CO-GENERATION

AT EIA



ENERGY AND CARBON MANAGEMENT

The new CoGen power plant will reduce our company's carbon emissions by approximately **20%** per year



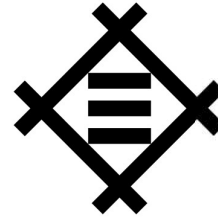
EMISSION REDUCTIONS

7,000-8,000 tonnes of CO₂ equivalent per year, roughly the same as taking 2,400 vehicles off the road



ENERGY COSTS

Once operational, the facility will also reduce energy costs by **\$800,000** per year



TOYOTA

MITSUI & CO.

HERCULES
LOGISTICS



Canadian Hydrogen Convention
EDMONTON, ALBERTA - April 2022



FIRSTELEMENT FUEL



Japan Overseas Infrastructure Investment Corporation
for Transport & Urban Development



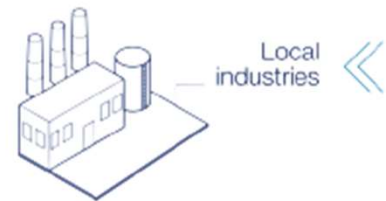
EIA's Internal Hydrogen Demand

- Airbus 2035
- ZeroAvia
- Hypoint
- Air Canada Partnership
- KLM Partnership



- Building & Industrial
- Cogeneration

- Airside/Ground Side Fuel Station
- CAT 2 Hydrogen Garage
- EIA International Cargo Hub



Airport Hydrogen Hub

H₂ production & liquefaction

Logistics, heavy-duty transport

- Medium Duty Trucks
- Heavy Duty Trucks

- Buses
- Ground Support Fleet
- EIA Fleet



Ground transportation



- Buses
- Taxis
- Rental Vehicles

THANK YOU

