

## Innovation in transportation starts locally

Collaboration between Edmonton businesses to reduce the carbon impact of the transportation industry



City of Edmonton Mayor Don Ivson congratulates Innovative Fuel Systems, KAG Canada and Edmonton International Airport for the development and use of technology reducing emissions in the truck transport industry.

**August 12, 2021 (Edmonton, AB)** – Edmonton International Airport (EIA), with local partners Innovative Fuel Systems and KAG Canada, operating Westcan Bulk Transport, have come together to reduce carbon emissions and promote a sustainable transportation sector through new fueling technology.

Innovative Fuel Systems (IFS) is an Edmonton-based company that provides patent-pending technology to reduce greenhouse gas (GHG) emissions in the transportation industry. IFS has partnered with KAG Canada, a subsidiary of the largest bulk commodity hauler in North America, to utilize this technology in their tractor-trailers. Six Westcan Bulk Transport vehicles have been retrofitted to have the engines operate on both diesel fuel as well as cleaner burning compressed natural gas.

IFS technology will allow up to 45 per cent reduction in certain GHG emissions, and about 10 per cent CO<sub>2</sub>e reduction on a lifecycle model (well to wheel). The initial deployment has been on Edmonton-based routes, including transporting aviation fuel to Edmonton International Airport on vehicles fueled with cleaner burning natural gas from the EIA-based ATCO Natural Gas Refueling Station.

The collaboration reflects the commitment of businesses in the Edmonton Metropolitan Region to a sustainable future. Reducing greenhouse gas is a priority for KAG Canada which is committed to adapting advanced technology within all areas of their operations. By reducing emissions associated with the transportation of aviation fuel, EIA will be reducing emissions associated to its overall operations. It also reflects EIA's dedication to sustainability and becoming the first airport in the world to sign [The Climate Pledge](#), committing to being carbon neutral by 2040.

"Edmonton International Airport is committed to a greener aviation industry and strives to be a leader in sustainability. With our goal of being carbon neutral by 2040, it is critical to find partners that share our vision of decarbonizing all parts of the aviation sectors. We are fortunate to find local partners that share this vision with KAG, Innovative Fuel Systems and ATCO."

-Myron Keehn, Vice-President, Air Service and Business Development

"Careful consideration of our environmental impact has to factor in all current and future business decisions we make. We hope this technology rollout inspires the industry to continuously elevate our individual levels of awareness, consideration, and action."

- Mike Royer, Vice President, Fleet Services for KAG Canada

"We are delighted to support KAG Canada's efforts to lead the way in the decarbonization of the Heavy-Duty Diesel trucking industry."

- Leland Oberst, President & CEO, Innovative Fuel Systems

"AMTA has made it our priority to champion the transition of Canada's commercial transportation industry into the era of zero-emission. Innovations like this are a critical step in that journey. Dual-fuel technology bridges the zero-emission transition. We're proud to see our members adopting technologies that can reduce the environmental impact of heavy-duty vehicles, lower fuel consumption and costs, and maintain their essential value in the supply chain."

- Chris Nash, President, Alberta Motor Transport Association

For more information on EIA's dedication to sustainability, please visit [flyeia.com/environment](https://flyeia.com/environment).

### **About Edmonton International Airport**

[Edmonton International Airport](#) (EIA) is a self-funded, not-for-profit corporation whose mandate is to drive economic prosperity for the Edmonton Metropolitan Region. EIA is Canada's fifth-busiest airport by passenger traffic and the largest major Canadian airport by land area. EIA's Airport City Sustainability Campus is a living lab for accelerating the development, testing, implementation, and commercialization of technology. EIA offers non-stop connections to destinations across Canada, the U.S., Mexico, the Caribbean, and Europe. EIA's Airport City Sustainability Campus is a living lab for accelerating the development, implementation and commercialization of technology. EIA is a major economic driver, with an economic output of over C\$3.2 billion, supporting over 26,000 jobs. Follow @flyeia on [Twitter](#), [Instagram](#), [LinkedIn](#) or [Facebook](#).

### **About Innovative Fuel Systems**

[Innovative Fuel Systems](#) is an Edmonton-based cleantech company that provides proprietary, patent-pending Multi Fuel Technology Platform (MFTP™), which can provide a substantive substitution of diesel fuel in Class 8 heavy-duty diesel engines with cheaper, cleaner burning natural gas. IFS's technology also

has to ability to integrate other cleaner burning fuels, like hydrogen. With strong patent applications, sophisticated programming, and proprietary methodology, IFS is positioned to empower heavy-duty fleets in North America to reduce greenhouse gas emissions and reduce fuel costs.

#### **About KAG Canada**

The [Kenan Advantage Group](#), Inc. operates through its six operating groups consisting of Fuels Delivery, Specialty Products, Food Products, Merchant Gas, KAG Canada (Westcan Bulk Transport, RTL Construction, Paul's Hauling and Les Distributions Carl Beaulac) and Logistics. The company has terminal and satellite locations in 40 states and seven Canadian provinces and territories, with the ability to deliver within all 48 contiguous states, Canada and Mexico. KAG also provides specialized supply chain logistics services through [KAG Logistics](#).

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