



Canada's Natural Gas Vehicle (NGV) Industry and the Government of Canada Release New Vehicle Deployment Roadmap

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Ottawa, Ontario

Canadian Natural Gas Vehicle Alliance

The Canadian Natural Gas Vehicle Alliance (CNGVA) is pleased to announce the release of a new report titled: [Natural Gas Use in the Medium and Heavy-Duty Transportation Sector](#).

Following extensive consultations with the natural gas vehicle (NGV) industry and fleet users, this updated report builds on the observations and recommendations of a 2010 report: *Natural Gas Use in the Transportation Sector*. This revised report incorporates updated information on natural gas supply including: an extensive section on renewable natural gas (RNG); information on technical developments as well as codes and standards developments; and examples of significant fleet successes to date.

Report Observations:

- The use of natural gas as a transportation fuel can offer significant emission reduction benefits, with up to 25 per cent GHG emissions reduction potential depending on the vehicle and fuelling system being used. The emergence of renewable natural gas (RNG) provides added emission reduction benefits for the transportation industry.
- Significant use of NGVs by refuse, transit and trucking firms, as well as the use of natural gas as a fuel option by marine carriers, illustrate the market's readiness for the technology in Canada and the potential for both cost and emissions' savings.
- There is a strong business case for NGVs in Canada. Natural gas costs remain stable, and high fuel usage fleets can benefit from cost savings. Additional regulatory measures favour the emissions' reductions associated with NGVs accentuating the business case.
- Abundant supply of geological natural gas and the growing supply of RNG point to continued price stability and enhanced life-cycle emission reductions.
- Extensive Original Equipment Manufacturer (OEM) engine offerings for the on-road market, as well as a growing number of specialty off-road and marine engines, are being used by Canadian transportation fleets.
- More industry and government support is needed to help fleets defray risks, including:
 - Up-front vehicle cost premiums;
 - Greater access to re-fueling facilities to improve reach in the transportation sector;
 - Maintenance facility upgrades for both fleets and vendors;
 - Capital investment to enable production, processing, blending and connecting RNG supply to existing pipelines;
 - Stronger outreach tuned to the needs and concerns of various fleet users; and
 - Investments in R&D efforts, including collaborative partnerships with all levels of government, other countries, and research institutions.



The revised Deployment Roadmap provides a good point of departure for the industry and prospective fleet adopters to understand the opportunities that NGVs offer. Much like the 2010 report, *Natural Gas Vehicle Use in the Medium and Heavy-Duty Transportation Sector* is a starting point for a renewed industry-government effort to support deployment, cost, and emissions savings for Canadian fleets.

Quotes

“This roadmap is an important tool for Canadians and industry to have more choices when it comes to transportation. Our government is working with partners to provide more options to get products and people where they need to go, while reducing pollution and growing our economy.”

The Honourable Amarjeet Sohi
Canada’s Minister of Natural Resources

“Continued industry and government collaboration – as exemplified by this report – is a key attribute that will advantage Canada in attaining cost and emissions reductions. NGVs are key in assisting Canada meet its immediate and long-term emissions reduction objectives. Canada’s NGV industry is poised and ready to be part of global efforts to lower emissions while keeping transportation affordable.”

Bruce Winchester
Executive Director
Canadian Natural Gas Vehicle Alliance”

“ATCO is pleased to have collaborated with industry, Natural Resources Canada and provincial governments to update the Roadmap for natural gas use in Canada’s transportation sector. Natural gas is green, abundant and affordable and provides a solution for medium and heavy-duty fleets to reduce emissions. The Roadmap demonstrates one of the many ways in which Canada’s natural gas resources play a meaningful role in the transition to a more sustainable and low-emissions future.”

George Lidgett
Managing Director
ATCO Pipelines & Liquids Global Business Unit

“To achieve the goals laid out in the Roadmap, industry and government support is vital. At FortisBC, we are well-positioned to help our provincial government achieve its GHG emissions reductions goals in transportation by utilizing abundant, low cost, cleaner burning B.C. natural gas. By converting vehicles and marine vessels to natural gas, we can cut GHG emissions while helping operators save on fuel costs.”

Roger Dall’Antonia
President and CEO
FortisBC

CANADIAN NATURAL GAS VEHICLE ALLIANCE



“Fleets across Canada are increasingly turning to natural gas to green their operations. The Roadmap highlights this abundant, domestic fuel and its renewable options as a key resource for the betterment of Canada’s economy and environment.”

Bart Van Aerle
President
Cummins Westport Inc.

Quick Links:

[Natural Resources Canada](#)

[Canadian Natural Gas Vehicle Alliance](#)

About CNGVA:

The Canadian Natural Gas Vehicle Alliance (CNGVA) represents Canada's Natural Gas Vehicle (NGV) industry. NGV technologies provide proven, commercially available transportation solutions for fleets that reduce emissions while using lower cost fuel. The CNGVA’s membership includes leading Canadian companies involved in manufacturing, fuel and infrastructure supply, vehicle technology, consulting, research, and international project management. Our mission is to promote the sustainable growth of natural gas vehicles, refueling infrastructure, and renewable gaseous fuels for the benefit of Canada's economy and environment.

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