

# TRANSPORTATION SOLUTIONS

Hydrogen plays an important role on the path to carbon neutrality and decarbonization in transportation. Heavy-duty transportation accounts for a sizeable percentage of GHG emissions across the world.



HTEC's Transportation Solutions Unit helps medium- and heavy-duty transportation transition towards a low carbon future through hydrogen-powered vehicle supply solutions and adoption support.

## Modelling and Analysis

HTEC works primarily in the medium-and heavy-duty space, helping operators in strategic North American markets adopt a suite of zero-emission technologies by developing actionable and cost-effective transition plans.

## Transportation Projects

HTEC initiates, develops, and manages consortium-based projects featuring the company's suite of innovative hydrogen vehicle technology-based products and services. As the catalyst for such projects, HTEC brings together hydrogen industry leaders and different levels of the government to unlock hydrogen's potential within the transportation sector.



Disclaimer: Rendered image, not actual truck.

## Fleet Services

To accelerate the deployment of fuel cell electric heavy-duty trucks and buses, HTEC also owns and leases hydrogen fueled medium- and heavy-duty vehicles to fleet operators.



**50+**  
Hydrogen  
Powered Buses



**9**  
Hydrogen  
Powered Trucks



**15**  
Fleet Transition  
Planning

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**Contact HTEC about your hydrogen projects and needs today.**

**info@htec.ca • 604.904.0412 • htcc.ca**

### HTEC: Fueling the Drive to Hydrogen

HTEC works across the clean hydrogen value chain, providing hydrogen energy solutions to enable the transportation sector's transition to a low carbon future. The company designs, builds, owns and operates hydrogen fuel production, infrastructure and

## Project Examples

### AZETEC: Alberta Zero Emissions Truck Electrification Collaboration

This project features the development of two long-range fuel cell electric trucks for operation between Edmonton and Calgary. HTEC is providing fuel supply solutions, including a compression and purification system: HTEC's PowerCube modular storage system and PowerFill high-volume gas transfer module.

### ICT ZEB Plans: Innovative Clean Transit Zero Emission Bus Plans

HTEC completed Zero Emissions Bus rollout plans for three transit agencies in California: SunLine Transit, Golden Empire Transit, and Fresno Area Express.

Each plan incorporates a mix of fuel cell and battery electric buses that ensure the agencies will be able to maintain their current level of service while minimizing the transition cost.



supply solutions to support the deployment of hydrogen electric light-, medium- and heavy-duty transportation.

**www.htec.ca**