

# Environmental Benefits

## of Propane Use



Canadian  
Propane  
Association | Association  
canadienne  
du propane

Propane is a clean-burning energy source that is low carbon, emits virtually no air pollutants, and is safely transported and used across Canada every day.

Compared to other fuels, propane's utilization helps to improve air quality, reduce GHG emissions and protect the environment.

### Lowering GHG Emissions

Recognized for its low emissions and environmental impact by the Alternative Fuels Act, propane is one of the cleanest and most versatile fuels in existence.

Propane's Greenhouse Gas emissions are significantly lower than gasoline, diesel, coal and heating oil, and comparable to natural gas.



### Reducing Air Pollutants

Criteria Air Contaminant and Air Toxics pollution are an environmental health problem that affects people and ecosystems worldwide.

Propane emits 60% less Carbon Monoxide (CO) than gasoline, 98% less particulate matter than diesel and contains virtually no sulphur – a contributor to acid rain.

### Eliminating Spills

In the unlikely event of a leak, propane becomes a vapour that does not contaminate the soil, air or aquifers, unlike liquid fuels.

This is especially important when operating in environmentally sensitive areas such as farms, nature reserves or by water.



### PROPANE IN ACTION

Low-emission, cost-effective propane is ready to provide energy for countless everyday uses in every corner of the country.

By using propane instead of traditional fuels like gasoline, diesel and fuel oil, Canadians can lower their environmental impact with an alternative that is available now.

#### Propane can:

- ✓ Fuel vehicles that produce far fewer harmful emissions.
- ✓ Provide heat and power to rural and remote 'off-grid' communities across Canada, to decrease health impacting pollutants.
- ✓ Offer farms a chemical-free way to control pests and weeds, and a cleaner way to dry crops and heat barns.
- ✓ Act as a reliable and portable back-up energy source for renewables.

### THE CLEANER CHOICE

In every application, propane reduces combustion GHG emissions when compared to gasoline.

- ✓ **Light Duty Trucks:** 11% Fewer GHGs
- ✓ **School Buses:** 18% Fewer GHGs
- ✓ **Lawn Mowers:** 16% Fewer GHGs
- ✓ **Irrigation Engines:** 20% Fewer GHGs