

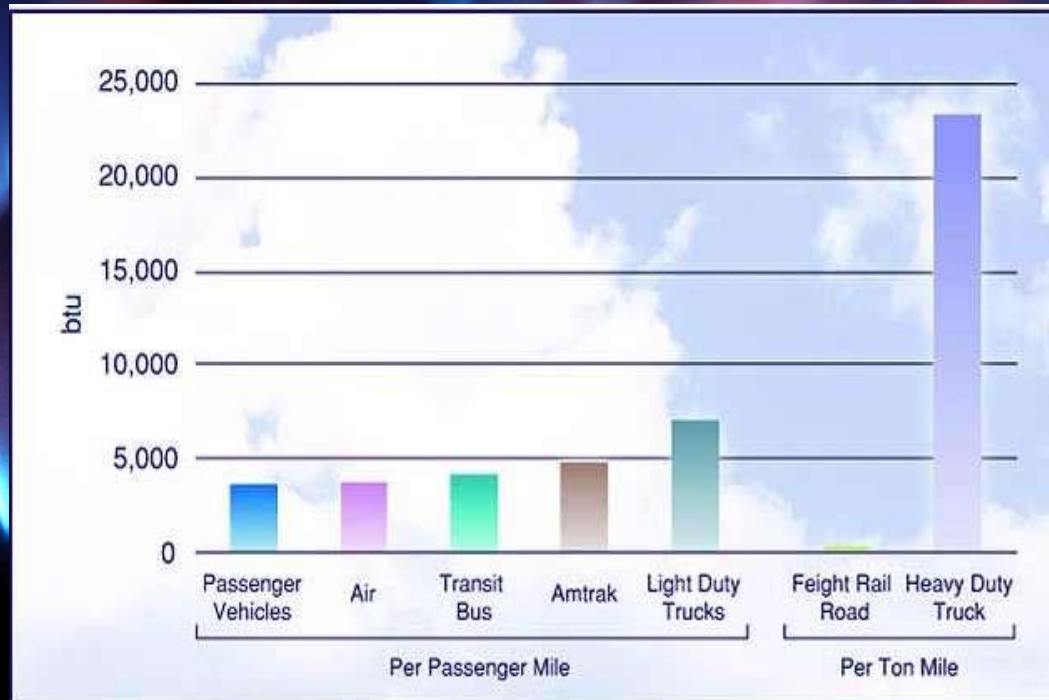
# Natural Gas: The Bridge Fuel

Sravya Khasnavees



# Issue

## U.S. Greenhouse Gas Emissions by Transportation Mode in 2012 (DOT)



# Solution

Natural Gas refueling stations

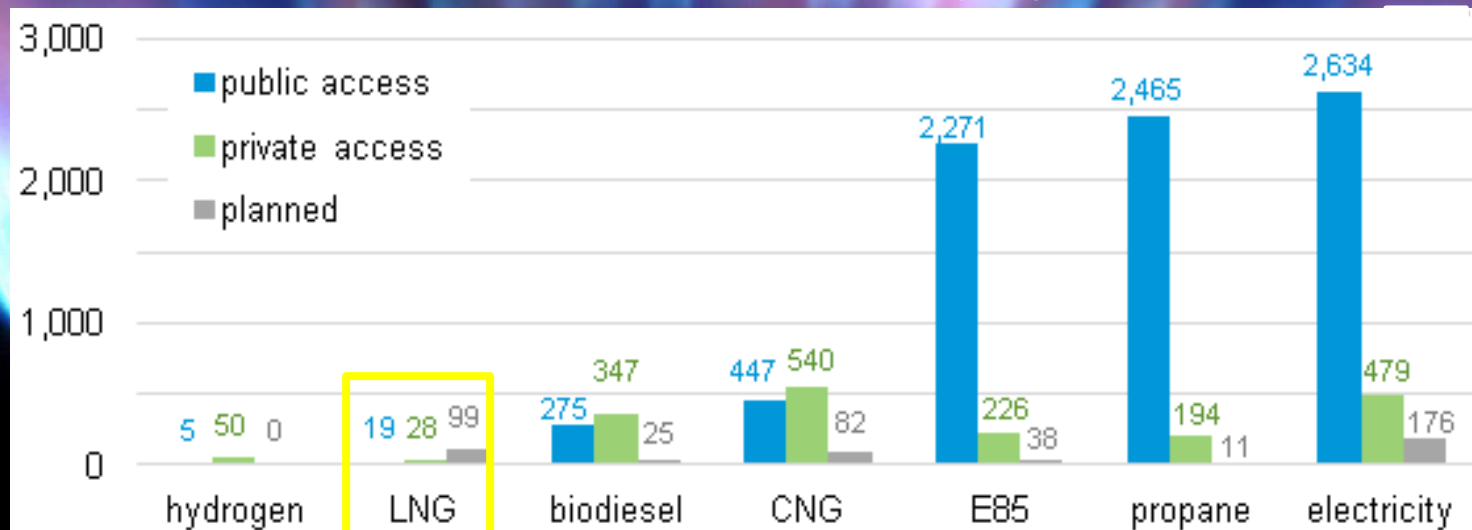


Natural Gas truck fleets  
(shown below: Volvo North America)



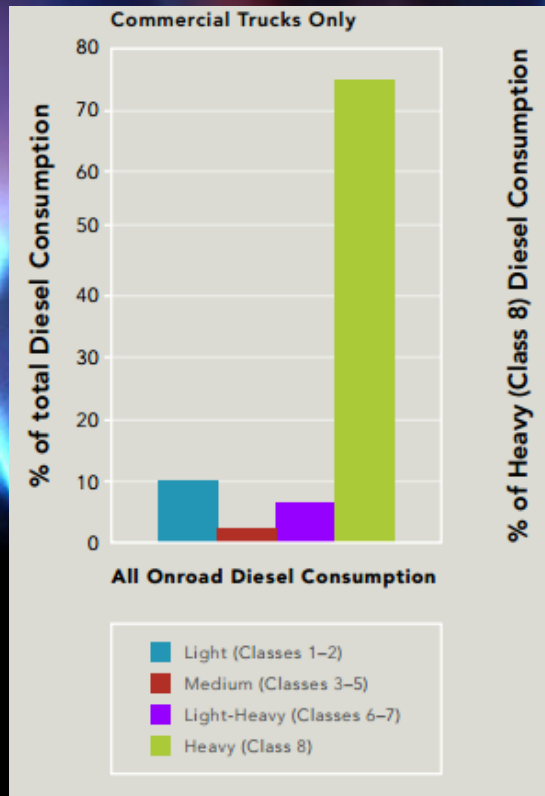
# Lack of Infrastructure

Number of Alternative Fuel Stations in the contiguous United States in 2012 (EIA)



# Market Demand

## Diesel Consumption by Mode of Transportation in 2006 (American Natural Gas Association)

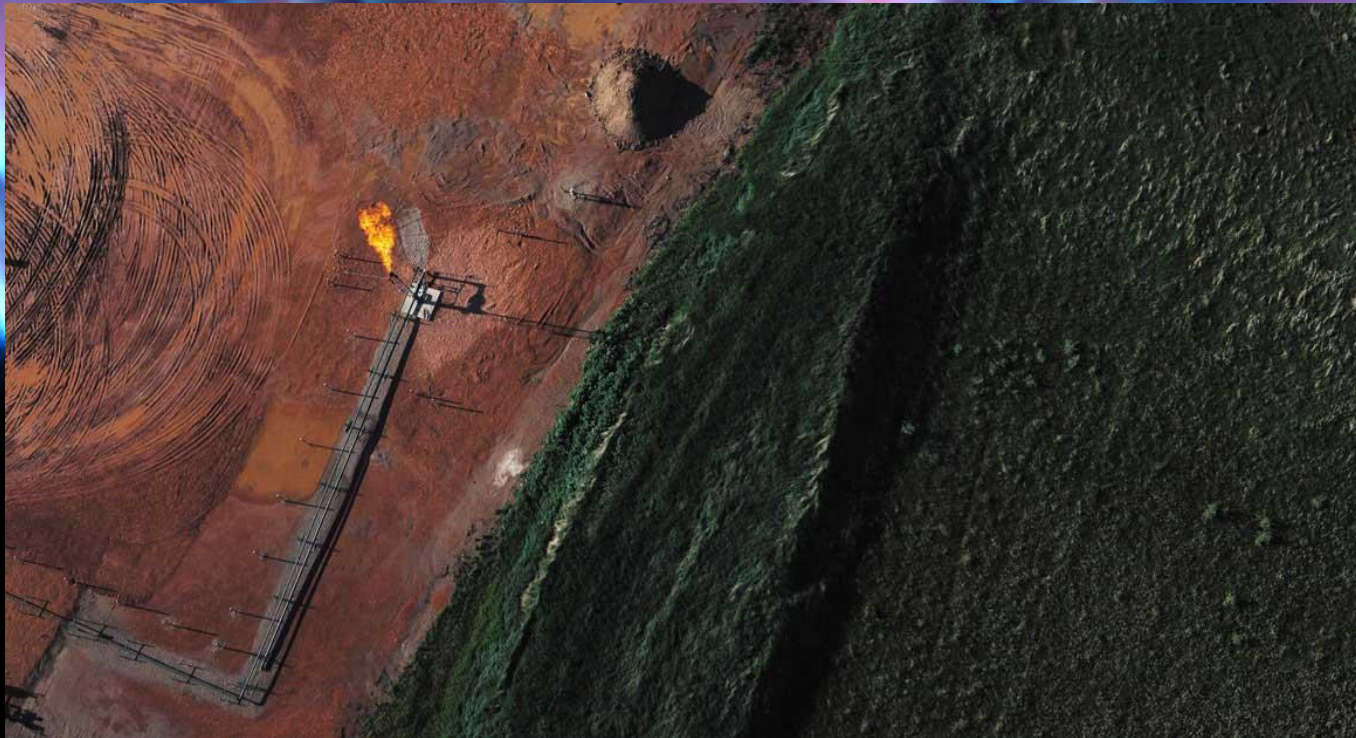


- Gasoline: \$3.15/gallon
- CNG: \$1.93/GGE

# Points to Consider

- Energy independence
- Vehicle Safety

- Fuel Efficiency
- Safety standards



# Implementation



- Upgrade current gas stations: \$500,000
- New refueling station: \$1.5 million

# Policy Framework

- Revolving loan programs
- Tax Credits for fuel efficiency
- Sale of low-carbon transportation fuel
- “EnergySmart” transport corridors





# Recommendations

- Pilot program
- More federal funding for capital investments
- Public-private partnerships (P3s) for infrastructure development





Questions?