

## How Can We Reduce Transportation Emissions *Now*?

The transition to electric vehicles (EVs) will take time, but there are **immediate options** to decarbonize **existing vehicles** and deliver greater environmental benefits.

Download Our New Report: Decarbonizing Combustion Vehicles - A Portfolio Approach to GHG Reductions





## VIABLE OPTIONS EXIST TODAY TO REDUCE LIFE CYCLE GHG EMISSIONS FROM ICEVs

- > Decarbonizing the current fleet can reduce emissions faster than gradual conversion to new technologies
- ► There are 24+ fuels for ICEVs that provide life cycle GHG reductions ≥ EVs
- Biofueled ICEVs account for 99% of emissions reductions today
- Emerging technologies promise significantly greater life cycle GHG reductions in the near term



## A PORTFOLIO APPROACH IS ESSENTIAL FOR MEANINGFUL GHG REDUCTIONS FROM ICEVs

- Lower carbon ICEV and fuel options provide real short- and long-term CO<sub>2</sub> reductions
- > A portfolio approach will maximize the reductions in on-road transportation carbon emissions

This study evaluates each low carbon option based upon:

- GHG Reduction Potential
- Ease of implementation
- Technical viability/compatibility
- Cost, timing and impact

DECARBONIZING THE ICEV fleet while growing the EV fleet will MAXIMIZE CUMULATIVE GHG REDUCTIONS