

U.S. DEPARTMENT OF
ENERGY

Office of
**ENERGY EFFICIENCY &
RENEWABLE ENERGY**

DOE's Vehicle Technology Office

Mark Smith

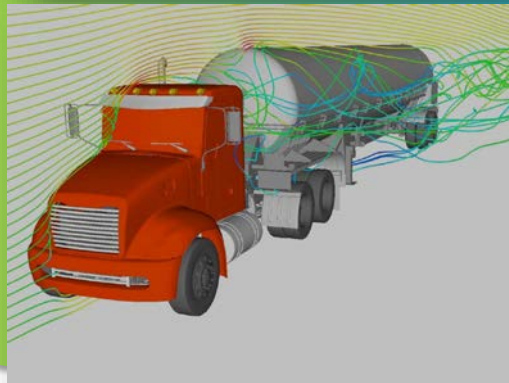
Vehicle Technologies Office

Natural Gas Vehicle Technology Forum

February 21, 2018



VTO EXPANDING FOCUS TO TRANSPORTATION LEVEL



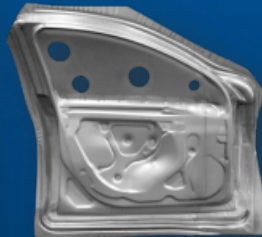
EERE'S VEHICLE TECHNOLOGIES OFFICE (VTO)

Vehicle Technologies Office

Electrification



Materials Technology



Advanced Combustion Systems & Fuels



Energy Efficient Mobility Systems



Technology Integration



*Analysis,
Comms, &
Operations*

VTO develops advanced transportation technologies that:

- ✓ Improve energy **efficiency**
- ✓ Increase domestic energy **security**
- ✓ Reduce operating **cost** for consumers & business
- ✓ Improve global **competitiveness** of US economy

What is Technology Integration?

- Data and Systems Research
- Advanced Vehicle Technology Competitions (EcoCAR 3)
- State and Alternative Fuel Provider Fleet program



Data and Systems Research - Core Activities

Provide **objective/unbiased data** and real world **lessons learned** that inform **future research** needs and support local **decision-making**



Financial Assistance - Living Labs



Information and Tools



Technical Assistance



Training, Outreach, Partnerships



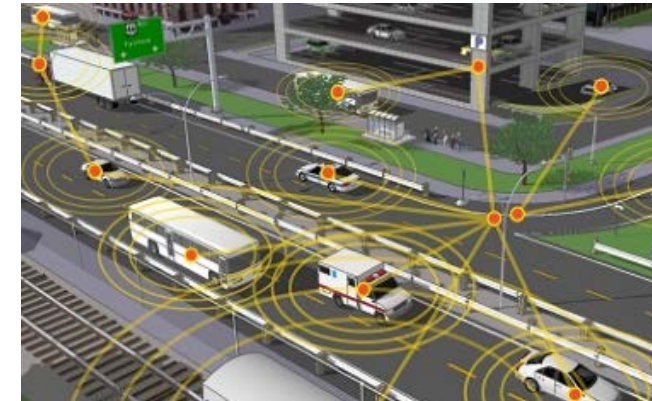
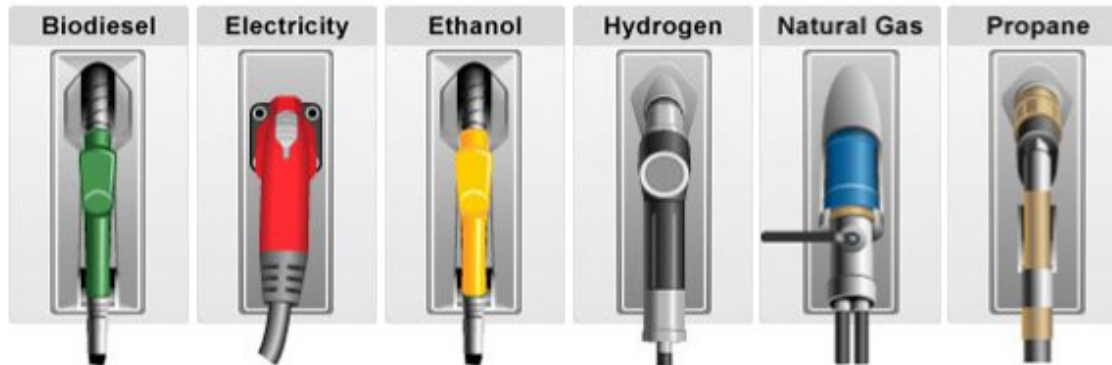
Clean Cities Coalitions

Technical Scope

Light-, medium-, and heavy-duty vehicles



Alternative Fuel Infrastructure



Energy Efficient
Mobility Systems and
Technologies