

Center for Transportation Technologies and Systems

Advanced Vehicle Systems



Advanced Fuels and Lubricants



Paving the way for—
Increased energy security
Improved air quality
Strengthened economy



Integration and Utilization

Advanced Fuels and Lubricants

Advanced
Petroleum
Based Fuels



Ignition Quality
Tester



Fischer-Tropsch



QSAR Analysis



Biodiesel



HCCI

Hydrogen
and Fuel Cells



Optimal Fuels



Industry
Collaboration

E-Diesel



Air Quality
Testing



Renewable
Oxygenates



Natural
Gas R&D



2007

2010-2020

>2020

Essential Power Systems

Energy Storage

Digital Functional Vehicle

Advisor

ADVISOR



**21st Century
Truck
Partnership**

Validation

Integration and Utilization

... moving transportation technologies into the marketplace through technical assistance, fleet deployment, and information and outreach

R&D



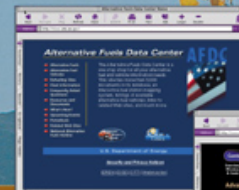
Engine/Vehicle
Integration



Technical Assistance



Deployment in
Regulated Fleets



Technical
Data and
Information



Market



Advanced Vehicle
Fleet Evaluation



Policy and Compliance
Analysis



Online Decision-making
Tools



Reports and
Documents



Outreach and
Partnerships

