

Introduction to New [AltfuelToolkit.org](https://www.altfueltoolkit.org) Website

Alternative Fuel --- TOOLKIT



U.S. Department of Transportation
Federal Highway Administration



Alternative Fuels Pooled Fund

Pooled Fund Goals:

- Implement 5 workshops to assist State DOTs and MPO's interested in accelerating the use of alternative fuels/vehicles and associated infrastructure

Participating State DOTs:

- CA, OR, WA, NY, VT, CT, NC and TX

Administration:

- ODOT is leading effort with FHWA as technical liaison
- Consultant Support : The Cadmus Group, Atlas Public Policy, and the Vermont Energy Investment Corporation

Workshops:

- EV Infrastructure Corridor Development Workshop: Lessons Learned from the West Coast Experience – held July 28, 2015 in Portland, OR
- Accelerating AFV Deployment with Innovative Finance Mechanisms- held February 22, 2016 in Washington, DC
- Accelerating AFV Use in State DOT Fleets – April 18, 2016 in Austin, TX
- Alternative Fuels for Clean Freight Corridors – November 4, 2016 in Troy, NY
- Best Practices and Emerging Technologies from California – Winter of 2017 in California

Website: <http://www.altfueltoolkit.org>

Alternative Fuel TOOLKIT

[Learn](#) ▾[Plan](#) ▾[Act](#) ▾[Workshop Toolkits](#) ▾

The Alternative Fuel Toolkit can help you **learn** about alternative fuels and vehicles; **plan** your infrastructure and funding; and **act** using the AFV Action Guide, facilitation materials, and other resources. Resources were developed in conjunction with a set of national workshops and reflect the latest stakeholder-input and research.



Learn

Learn the fundamentals of alternative fuels and vehicles by exploring fact sheets, interactive graphics, and industry literature.



Plan

Explore online tools, maps, calculators and funding resources to help plan your next step in deploying alternative fuels and vehicles.



Act

Take action on deploying alternative fuels and vehicles by using these materials.

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Alternative Fuels 101

Explore the basics of key alternative fuels, including: biodiesel, CNG, electricity, ethanol, hydrogen, LNG, propane, and renewable diesel.



Alternative Fuels Timeline

From the first anti-smog policy to the release of the Nissan Leaf, this timeline immerses you in the history of alternative fuels used in the road transportation sector.



Fact Sheets

Get additional information on a number of timely topics related to alternative fuel, such as: clean corridors, intermodal connections, alternative fuel access, state freight plans, and summaries of alternative fuel use in state DOT fleets.



Resource Library

The AFV Toolkit Resource Library helps users quickly find valuable online resources related to alternative fuels, such as websites, research reports, and other tools.

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AFV Cost Calculator

The AFV Cost Calculator provides a quick way to compare the total cost of ownership in real dollars of AFVs.



Alternative Fuel Station Map

The interactive dashboard lets you explore alternative fuel stations throughout the United States.



Truck Parking and Truck Stop Electrification Map

The interactive dashboard lets you explore the location of truck parking and truck stop electrification throughout the United States. You can filter by any corridor on the National Highway System, road type, state, county, or parking type.



Public Funding Sources

Explore federal and state funding sources for clean freight corridors. Many of the state and local programs rely partially or completely on federal funding.

Act

Take action on deploying alternative fuels and vehicles by using these materials.



AFV Action Guide

The interactive guide below helps government managers step through the process of AFV engagement, from the early stages of learning to advanced stages of engagement, highlighting milestones along the way.



Workshop Summaries

For every workshop, explore a one-page fact sheet that summarizes the workshop purpose and scope.



Case Studies

Many people learn better from examples than from reading about fundamental principles. Explore these case studies on alternative fuels and use them to convey ideas during workshops, break-out sessions, and conferences.



Facilitation Material

Through the five regional workshops associated with this toolkit, scores of facilitation materials were developed. Click through these materials to find the ones that are right for your group exercise.



Webinars

View the slides and audio recordings of the webinar series held in the Winter of 2018 on multiple alternative fuel planning topics.

Workshops

The Alternative Fuel Toolkit is based on direct stakeholder input from five regional workshops. Explore materials from these workshops here.



Learning from the California Experience Toolkit

This toolkit offers resources to help transportation planning agencies learn from California's unique policy landscape and identify actions and practices from California that could be taken back to their jurisdictions.



Clean Freight Corridors

This toolkit provides resources to help transportation planning agencies make decisions on alternative fuel vehicles used in freight applications.



AFV Adoption in Fleets Toolkit

This toolkit provides resources and information to support the adoption of alternative fuel vehicles in state and local transportation fleets.

Key Tools in Website

- Alt Fuels 101
- AFV Cost Calculator
- Alt Fuels Timeline
- Fuel Prices
- CO₂ Emission Estimator by Vehicle
- Alt Fuel Station Map with corridors
- Truck Parking and Truck Stop Electrification Map
- Public Funding Sources
- AFV Action Guide
- Resource Library

Alternative Fuel TOOLKIT

WELCOME TO THE NEW ALTERNATIVE FUEL TOOLKIT! WE UNDERTOOK A COMPLETE REDESIGN TO MAKE THE CONTENT THROUGHOUT THE SITE EASIER TO FIND. WE HOPE THAT THE TOOLKIT IS USEFUL FOR YOUR WORK AND ENCOURAGE YOU TO [CONTACT US](#) WITH ANY FEEDBACK.

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LIVE DEMO

Next Steps

- Continue updates of dashboards on website
- Continue Alternative Fuel Corridor designation process
- Implement five Regional Convening's in 2018/2019
 - Working with states and stakeholders in priority areas to prepare for future round of nominations
 - Florida, Indiana, Western/Mountain EV Corridor MOU States, and remaining states with no corridors

For More Information

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