



# ALTERNATIVE FUELS CORRIDOR

In November 2016, FHWA unveiled the national “alternative fuel and electric charging” network. The initial portion of this network consists of 55 routes spanning 35 states. The corridors designated as part of the network represent areas with current or planned infrastructure for electric, hydrogen, propane and natural gas vehicles. Signage alerting drivers of where to refuel their alternative fuel vehicles has already begun to be deployed along the designated corridors.



The Toolkit for Deployment of Alternative Vehicle and Fuel Technologies initiative complements the alternative fuels corridor designations by providing state and local transportation agencies with the tools and resources necessary to plan for alternative fuel infrastructure deployment.

This initiative was led by the Oregon Department of Transportation and the Federal Highway Administration served as technical liaison.

The following state transportation agencies also participated in funding this pooled fund study:

**California Department of Transportation**

**Connecticut Department of Transportation**

**New York State Department of Transportation**

**North Carolina Department of Transportation**

**Texas Department of Transportation**

**Vermont Agency of Transportation**

**Washington State Department of Transportation**

For more information, please visit  
[altfueltoolkit.org](http://altfueltoolkit.org)



# Toolkit for Deployment of Alternative Vehicle and Fuel Technologies



**The Toolkit for Deployment of Alternative Vehicle and Fuel Technologies** is a joint project of the Oregon Department of Transportation and other state DOTs, along with the U.S. Department of Transportation's Federal Highway Administration. The initiative sponsored a series of five workshops and a web-based "toolkit" for state and local transportation agencies to use as they facilitate the deployment of alternative fuel vehicles (AFV) and related technologies.

The five workshops hosted under this initiative were:

- EV Infrastructure Corridor Development Workshop: Lessons Learned from the West Coast Experience.
- Accelerating Alternative Fuel Vehicle and Infrastructure Deployment with Innovative Finance Mechanisms.
- State Transportation Fleet Adoption of Alternative Fuel Vehicles.
- Clean Corridors Meeting: Tools for Implementing Alternative Fuel Corridors.
- Learning from the California Experience: Alternative Fuels, Vehicles, and Infrastructure.

The online toolkit website contains three primary resources:



The **AFV Quick Facts** section provides fundamental information about alternative fuels.

### AFV Quick Facts includes...

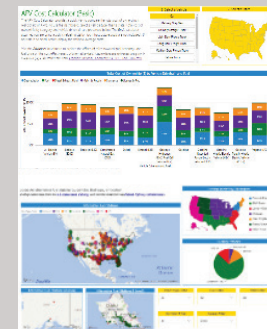
- Alternative Fuels 101 – the basics of alternative fuel options, availability, and prices.
- An interactive timeline of alternative fuels development in the United States.
- Federal, state, and local public funding sources for clean freight corridors.



The **Maps & Tools** section provides a set of useful tools to plan for alternative fuel deployment in your region.

### Maps & Tools includes...

- An interactive AFV cost calculator.
- An alternative fuel station locator.
- Interactive maps showing truck parking and truck stop electrification.
- An AFV planning guide allowing transportation agencies at any level of AFV adoption to determine their starting point and then choose actions to progress.



The **Workshop Toolkits** section provides topic-specific tools and resources from the five workshops.

### Workshop Toolkits includes...

Alternative fuel resources, factsheets, and tools covering:

- Innovative finance for alternative fuel vehicles and infrastructure.
- Development of AFV corridors enabling long distance travel.
- AFV adoption in fleets.
- Practical experiences of state DOTs in advancing AFVs and associated infrastructure.

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