

AGENDA

North Central Texas Council of Governments (NCTCOG)

SMARTe Webinar Series: TCO Deep Dive: Understanding the Lifetime Costs of Alternative Fuel Vehicles

Wednesday, January 21, 2026
1:00 PM – 2:00 PM (Central Time)

Join Zoom Meeting

Please register using the following link.

<https://forms.microsoft.com/r/xUwXMneVGW>

1. 1:00 – 1:05 PM

Welcome, Introduction

Presenter: Trey Pope, Air Quality Planner, NCTCOG

2. 1:05 – 1:25 PM

Cost Benefits of Alternative Fuel Vehicles

Presenter: Juliana VandenBorn, Senior Air Quality Planner, NCTCOG

In this session, attendees will learn how to estimate the total cost of ownership (TCO) of a vehicle using the Alternative Fuel Life-Cycle Environmental and Economic Transportation (AFLEET) Tool, developed by Argonne National Laboratory. With this information, attendees will be able to compare the cost of owning a new vehicle of different fuel types, primarily that of a conventionally fueled vehicle and an alternatively fueled vehicle, over a set number of years. This can be used to estimate the sometimes-increased vehicle replacement costs associated with alternative fuel vehicles, and to plan for upcoming incentives.

3. 1:25 – 1:55 PM

AFV Total Cost of Ownership Tip, Tools, and Considerations

Presenter: Cabell Hodge, Vehicle and Infrastructure Analysis Group Manager, National Laboratory of the Rockies

Cabell will guide attendees through an exploration of AFV costs and savings including capital costs of vehicles and infrastructure, opportunity costs associated with investments, and operational costs. The presentation will highlight tools like ZPAC and EVI-LOCATE that can help fleets and other parties in North Central Texas assess AFV feasibility and plan for implementation.

4. 1:55 – 1:58 PM

Discussion

Presenter: Trey Pope, Transportation Planner, NCTCOG

An opportunity for anyone to ask our presenters any questions they may have about Total Cost of Opportunity in relation to alternative fuel truck powertrain types.

5. 1:58 – 2:00 PM

Local Updates and Close

Next Webinar

Topics: Right Sizing for Procurement/Deployment Needs

Date: Wednesday, March 18, 2026

Time: 1:00 PM – 2:00 PM (US Central Time)

More SMARTe Webinar Series Information found at www.nctcog.org/SMARTe