VERMONT CLEAN CITIES COALITION





Clean Cities Program Overview: Resources for Fleets & Alternative Fuel Projects

Presented by: Eliana Fox

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Vermont Clean Cities Coalition

Mission



The U.S. Department of Energy's (DOE's) Clean Cities program advances the nation's economic, environmental, and energy security by supporting local actions to cut petroleum use in transportation.



Clean Cities Coalitions

Goals



Since 1993, Clean Cities coalitions have achieved a cumulative impact in energy use equal to nearly 8 billion gasoline gallon equivalents through the implementation of diverse transportation projects using 3 strategies:

Reduce







Replace

Eliminate

Idle

Reduction









Alternative Fuels and Vehicles

- Biodiesel (B100)
- Electricity
- Ethanol (E85)
- Hydrogen
- Natural gas
- Propane

Fuel Blends

- Biodiesel/diesel blends (B2, B5, B20)
- Ethanol/gasoline blends (E10)

Fuel Economy

- Fuel efficiency
- Behavioral changes
- Vehicle maintenance initiatives
- Vehicle miles traveled (VMT)

Hybrids

- Light- and Heavy-duty HEVs
- PHEVs

Idle Reduction

- Heavy-duty trucks
- School buses
- Truck stop electrification

Idle Reduction Projects



- UVM Police Services
 - 8 vehicles with IdleRight 2
 System
 - August 2019 Installation data still being collected
 - From 1 vehicle in 1 month:
 - **\$117** in fuel/maintenance savings
 - 32 gallons of fuel saved



Project Funding Examples & Opportunities







- Volkswagen Settlement Funding
- DOE's Vehicle
 Technologies Office
 (VTO) Funding
- Diesel Emissions Reduction Grants



Thank you! vtccc@uvm.edu



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