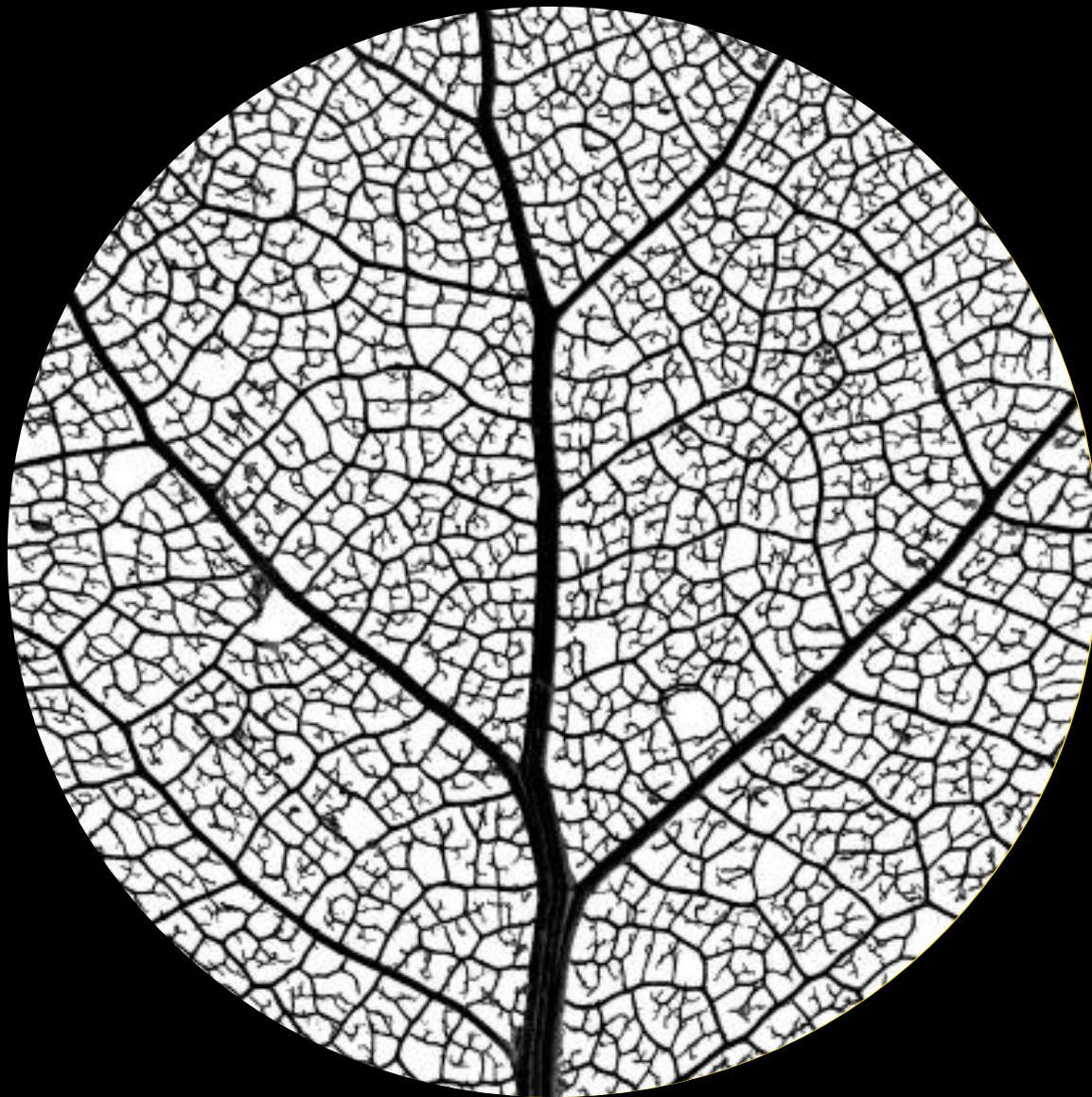




Vermont
Transportation
Strategies for
90% by 2050



Joint Clean
Climate Transport
Research
Partnership



Since 1986
reducing the
economic and
environmental
costs of
energy use



Vermont Context

State Policy &
Plans

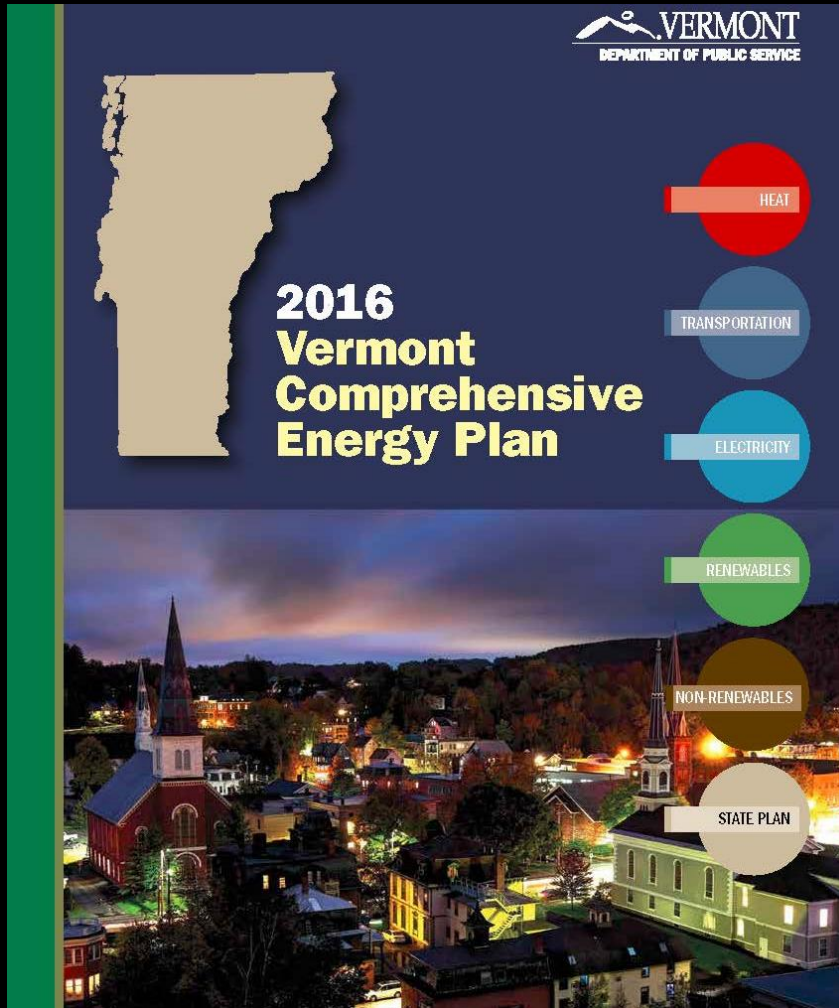
VT Statutory Greenhouse Gas Reduction Goals

- In 2006, Vermont established statutory greenhouse gas reduction goals to cut our contribution to climate change
- Reduce greenhouse gas emissions from 1990 levels by 50 percent by 2028 and 75 percent by 2050.

2015 Renewable Energy Standard

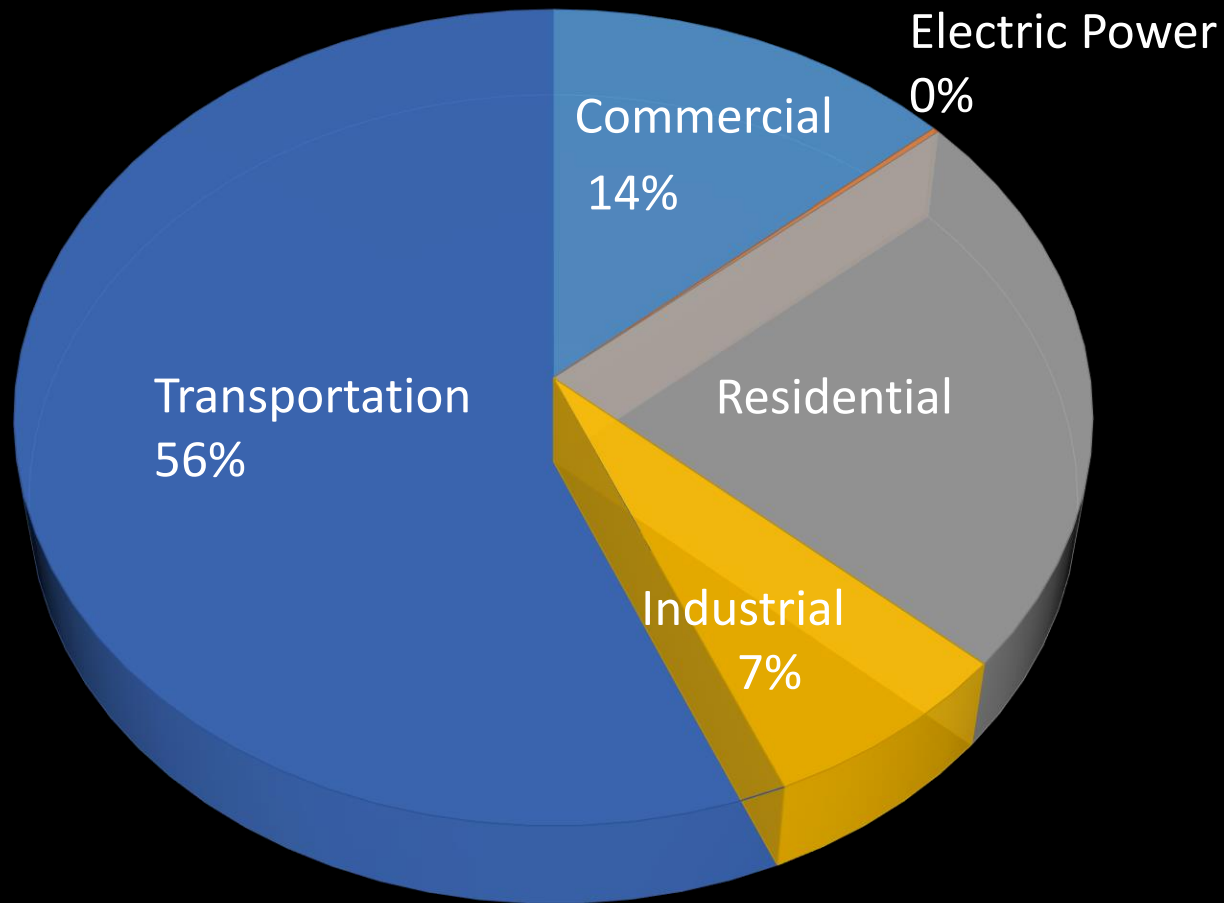
- Energy Transformation Projects to reduce customers' fossil fuel consumption
- 2% of annual retail sales in 2017, increasing to 12% in 2032
- Utilities can engage in transportation projects to meet requirements

CEP Transportation Goals



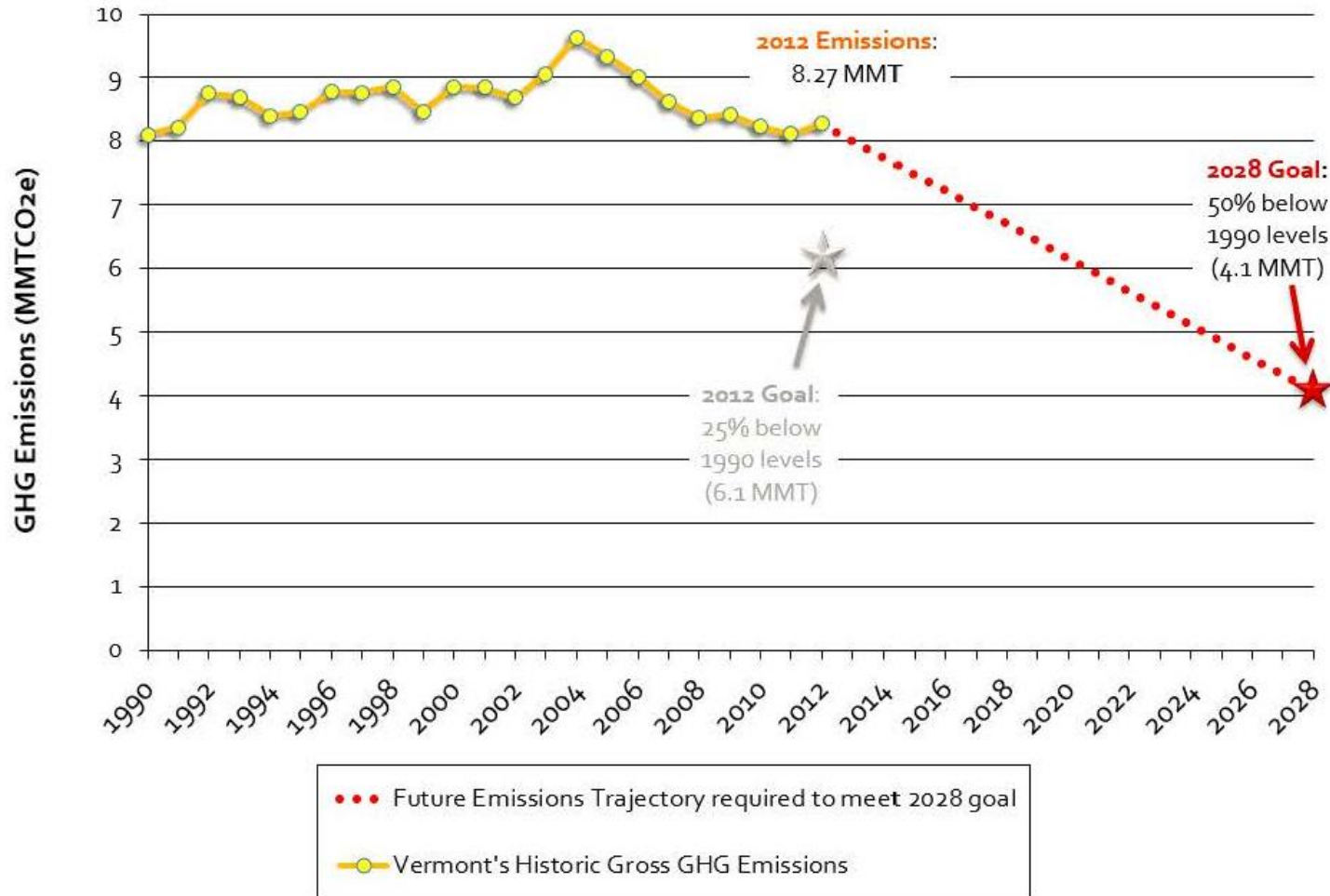
- Reduce total transportation energy use by 20% from 2015 levels by 2025
- Increase share of renewable energy in all transportation to 10% by 2025 and 80% by 2050
- Reduce transportation-emitted GHGs by 30% by 2025

Vermont Energy-Related CO2 Emissions by Sector (2013)



Source: <http://www.eia.gov/environment/emissions/state/analysis/pdf/stateanalysis.pdf> (p.12)

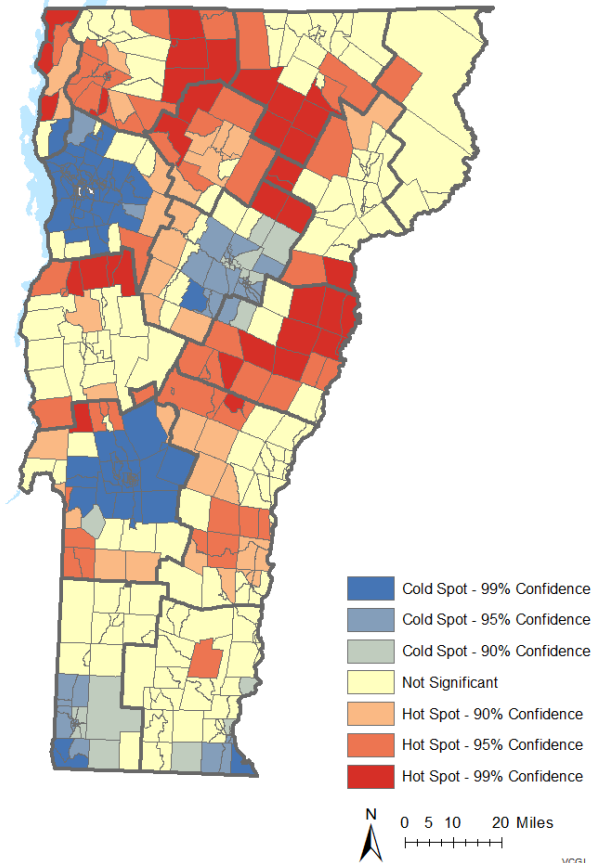
Climate and Environment



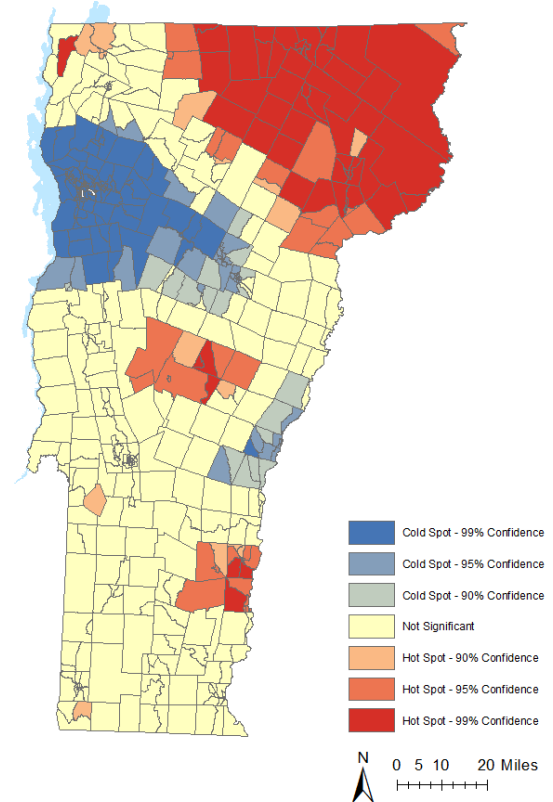
Vermont GHG Emissions Inventory, Vermont Department of Environmental Conservation Air Quality and Climate Division.
Updated June 2015

Impact on Household Budgets

Transportation Energy Expenditure (\$)
Hot Spot Analysis



Transportation Energy Burden (% Median Income)



Health



Photo Credit: Mark J. Terrill, AP

Current
Transportation
Strategies

EVs and More

More Efficient Vehicles



Drive
Electric
Vermont



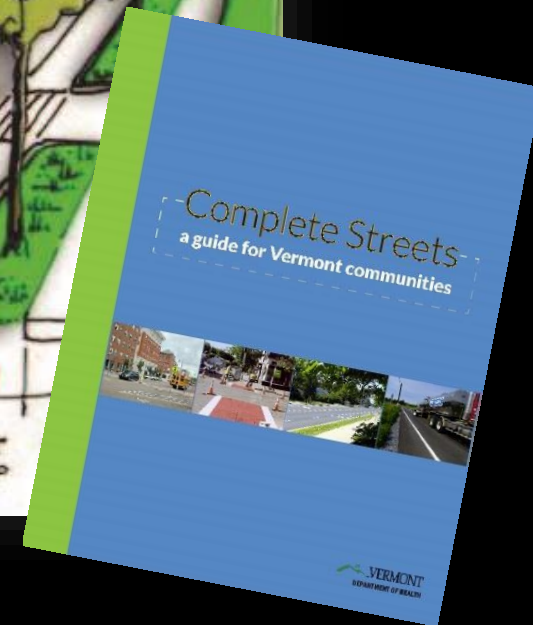
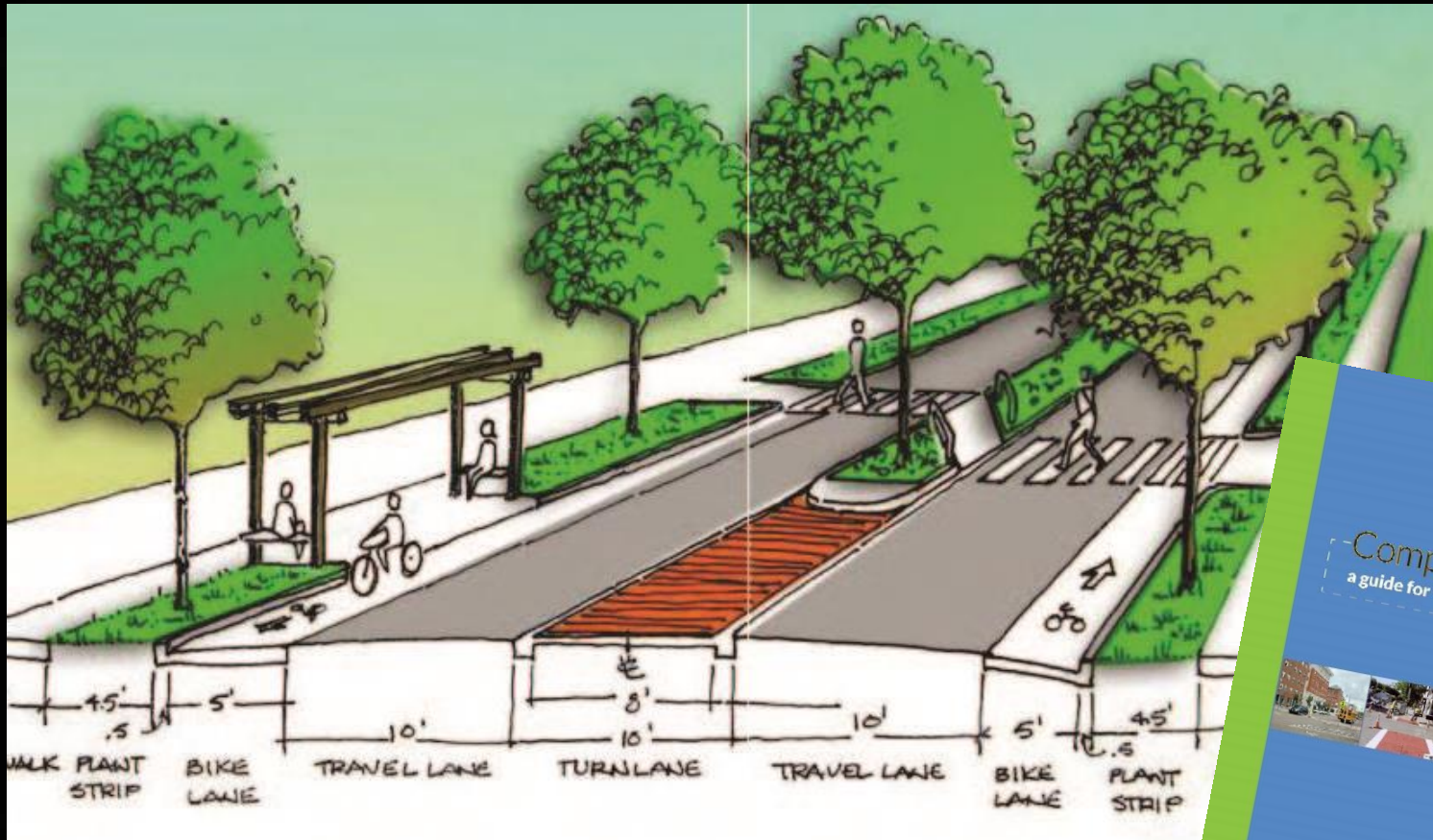
Supporting Zero Emission Vehicles



Supporting Zero Emission Vehicles



Land Use



Car/Bike Share, Car/Van Pool, Public Transportation





What's Coming?

VW Settlement



Carbon Pricing



Post Paris Withdrawl



Thank You!

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