

Climate Change and Transportation

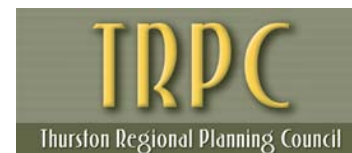
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On the Road to Climate Friendly Transportation
The Evergreen State College
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State's Climate Change Goals

Reduce Washington's greenhouse gas emissions to:

- 1990 levels by 2020
- 25% below 1990 levels by 2035
- 50% below 1990 levels by 2050

State's baseline = 94.6 million metric tons CO2 equivalent

Reduce per person vehicle miles traveled

- 18% by 2020
- 30% by 2035
- 50% by 2050

Baseline = 75 billion VMT 1990 levels by 2020

(excluding vehicles over 10,000 lbs)

Climate Action Team (CAT)

- Governor-appointed committee
- Co-Lead by the Departments of Ecology, Community Trade and Economic Development
- Broad representation: Business, Environmental, Legislators, Local Government, State Agencies, Tribal Government
- Charged with developing specific strategies, potential legislation, and programs to reduce Washington's greenhouse gas emissions
- Several working groups: Transportation, Beyond Waste, State Environmental Protection Act, Buildings and Energy Efficiency, Forestry, Agriculture

Transportation Implementation Working

Co-lead by

- Department of Transportation
- Puget Sound Clean Air Agency
- Thurston Regional Planning Organization



Identified “most promising” greenhouse gas and vehicle miles traveled reduction strategies.



Diverse transportation stakeholders.





Vehicle Miles Traveled Reduction Strategies

Long-term and short-term vehicle miles traveled and greenhouse gas reduction recommendations include three broad categories:

1. Transit, ridesharing and commuter choice programs.
2. Compact and transit oriented development.
3. Transportation funding and pricing strategies.

Greenhouse Gas Reduction Strategies

- Improve/promote rail.
- Enhance transportation system management.
- Improve efficiency and retrofit diesel vehicles.
- Smart charging, vehicle to grid, evaluate costs.
- Implement a low carbon fuel standard or other alternative.





2009 Climate Change Bills

2SHB 1481	Electric Vehicles
E2SSB 5560	Agency Climate Leadership
SSB 6088	Commute Trip Reduction for State Agencies
E2SHB 1007	Creating a Sustainable Energy Trust
SHB 1010	Definition of a Biofuel
HB 2129	Greenhouse Gas Emissions Performance Standard
E2SSB 5649	Energy Efficiency in Buildings
E2SSB 5854	Reducing Climate Pollution in the Built Environment
SB 5989	Greenhouse Gas Emissions Performance Standard

Questions?

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