Washington Leads to a Low Carbon Future

Pathways to 2050
How Washington can reduce our greenhouse gas pollution by 80%

Three Pillars to Achieve Results

1. Investing in Energy Efficiency
   Throughout the economy saves money and increases energy self-sufficiency.

2. Increasing Low Carbon Electricity
   Reduces our use of fossil fuels and builds on Washington’s legacy of clean power.

3. Electrifying the Economy
   Reduces emissions from buildings, vehicles, and processes.

Transportation is Our Biggest Challenge

Current Emissions

Three Pathways to Reductions

- **Electrification**
  Electrify end-uses to the greatest extent possible and significantly reduce natural gas use in buildings.

- **Renewable Pipeline**
  Buildings and industries use renewable pipeline gas but it comes from decarbonized biogas, synthetic natural gas, and hydrogen.

- **Innovation**
  Electrify end-uses coupled with innovation in electric and autonomous vehicles, fuel cells, and offshore wind.

Lower Emissions Pathways

Reasonable Costs

See full analysis @ http://governor.wa.gov/issues/issues/energy-environment/deep-decarbonization