

Pierce County Planning Commission | December 8, 2020

SUSTAINABILITY 2030: PIERCE COUNTY'S GREENHOUSE GAS REDUCTION PLAN

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5 drivers for creating the plan now

1. State grant prerequisites prioritize agencies with greenhouse gas reduction policies (RCW 70A.45.070)
2. County Council Ordinance (2019-67s) calling for an update to the County's Sustainability 2020 Plan and transmitting to the Planning Commission by September 1, 2020.
3. County goal: vibrant communities through a healthier environment
4. Address the growing impact greenhouse gas emissions have on human and environmental health.
5. Puget Sound Regional Council Vision 2050 calls for the County to strive to meet state mandates on climate change and the reduction of greenhouse gasses



- On April 26, 2016 Pierce County Council approved Ordinance No. 2016-56, declaring Pierce County’s sustainability plan titled “Sustainability 2020” our GHG reduction policies.
- On November 18, 2019, the Pierce County Council passed Ordinance No. 2019-86s providing funding to Planning and Public Works Department to complete an update to the County’s Sustainability 2020 Plan and coordinate countywide efforts to implement the goals and policies contained in the plan.

Approach to developing the plan

Engaged key internal stakeholder groups April-June

- Identified strategic actions
- Established reduction goal



Engaged external stakeholders

- Puget Sound Clean Air Agency
- Tacoma Power
- Puget Sound Energy
- City of Tacoma




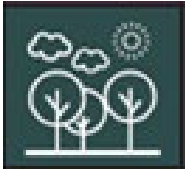
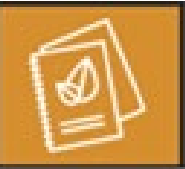
Proposed Plan

Goal: Reduce county-wide GHG emissions by 45% by 2030

Focus Area	Objectives
 Energy & Built Environment	<ol style="list-style-type: none">1. Improve energy efficiency and reduce GHG emissions of homes, commercial buildings and industrial buildings.
 Transportation	<ol style="list-style-type: none">1. Optimize technology and develop policies that minimize commutes and incentivize teleworking.2. Increase use of public transit, ride sharing and active (walking, biking) transportation.3. Promote electric vehicles, clean fuels and expand the network of electric car charging stations.4. Encourage density in the urban unincorporated area with mixed-use and transit-oriented development.

Proposed Plan

Goal: Reduce county-wide GHG emissions by 45% by 2030

Focus Area	Objectives
 <p>Consumption & Waste Management</p>	<ol style="list-style-type: none">1. Expand GHG reduction efforts in solid waste and recycling.2. Encourage behaviors that consider lowest life cycle impacts and reduce waste.
 <p>Carbon Sequestration</p>	<ol style="list-style-type: none">1. Protect and conserve lands for carbon sequestration.2. Increase the use of carbon sequestration best management practices.
 <p>Education & Outreach</p>	<ol style="list-style-type: none">1. Increase awareness and understanding of GHG emissions and their impacts.2. Increase participation in reducing greenhouse gas emissions.3. Increase broad community engagement to develop equitable GHG reduction.

Greenhouse Gas (GHG) emission data

GHG emission data is tabulated using established inventory and calculation protocols, often with a 3rd party verification.

- Geographic (community-wide) Inventory
- Organization Inventory

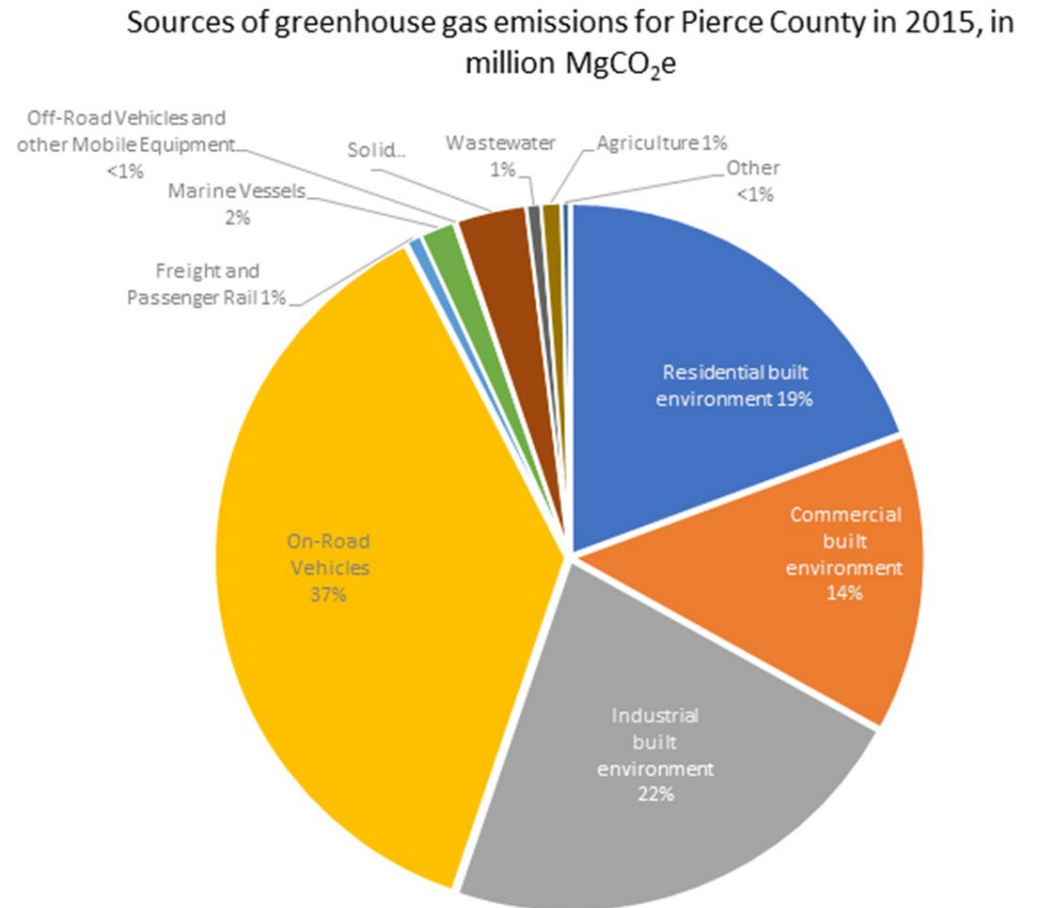
Pierce County has not completed organizational inventories in the past.

The proposed plan calls for completing these GHG inventories.

Community-wide GHG emissions in 2015

Largest GHG Contributors in Pierce County

Transportation 37%
Industrial 22%
Residential 19%
Commercial 14%
Solid Waste 3%
Marine Vessels 2%



Questions?

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