

Climate & Clean Energy Strategy

STRATEGIES, ACTIONS & PARTNERS

OBJECTIVES

GOALS

VISION

Promote Energy Efficiency in Homes and Businesses
EDC/TE, TCAT, Thurston County, Local cities, PSE, Other Non-profits

Consumption of electricity and natural gas in buildings is reduced.

Measures:
- # of kwh used annually
- # of therms used annually

Promote Renewable Energy in Homes and Businesses
EDC/TE, TCAT, Thurston County, Local cities, PSE, Other Non-profits

Local production and use of solar and other renewable energy sources is increased.

Measures:
- # of solar kwh generated annually

Promote More Efficient, Healthier Transportation and Land Use
EDC/TE, TCAT, IT, TRPC, Auto Dealers, Thurston County, Local cities, Other Non-profits

Vehicle travel is reduced.

Measures:
- Annual VMT

Use of highly efficient vehicles (+40 MPG) and electric vehicles increases.

Measures:
- # of efficient vehicles registered

Transit, bike, walking usage increases

Measures:
- IT ridership
- Miles in annual bike commute challenge

Encourage Smart, Local Purchases
EDC/TE, TCAT, Sustainable So. Sound, Thurston County (Solid Waste), Local cities, Other Non-profits, local growers

Reduced waste

Measures: Solid waste volume

Increased consumption of local, healthy foods

Measures:
- Volume of local foods consumed

Educate the Public on Climate Change, Clean Energy, Conservation
EDC/TE, TCAT, Sustainable So. Sound, Thurston County, Local cities, Other Non-profits, schools, newspapers, radio

Improved public awareness of climate change, and commitment to take action.

Measures:
- survey results

Damage from flooding & sea level rise is reduced

Measures:
- \$ value of flooding, sea level rise damage

Health impacts of climate change are minimized

Measures: # of respiratory disease cases
of heat strokes

Reduce GHG emissions using science-based targets

Measures:
• GHG emissions, compared to Sustainable Thurston target:
80% reduction of 1990 level Greenhouse Gas (GHG) emissions by 2050 (CO₂, CH₄, N₂O, etc.)

Improve community resiliency to climate change

Thurston County does its part to keep the climate stable, and is resilient in the face of climate change.

Other outcomes of both goals:

Create economic benefits (jobs, cost savings)

Measures:
• Clean energy jobs
- Estimated utility cost savings
- Estimated transportation cost savings

Improve residents' health

- Reduced air pollution or heat-related injury/illness
- Increased physical activity

DRAFT

