



# 2021 Annual Report

Thurston Climate Mitigation Plan Implementation

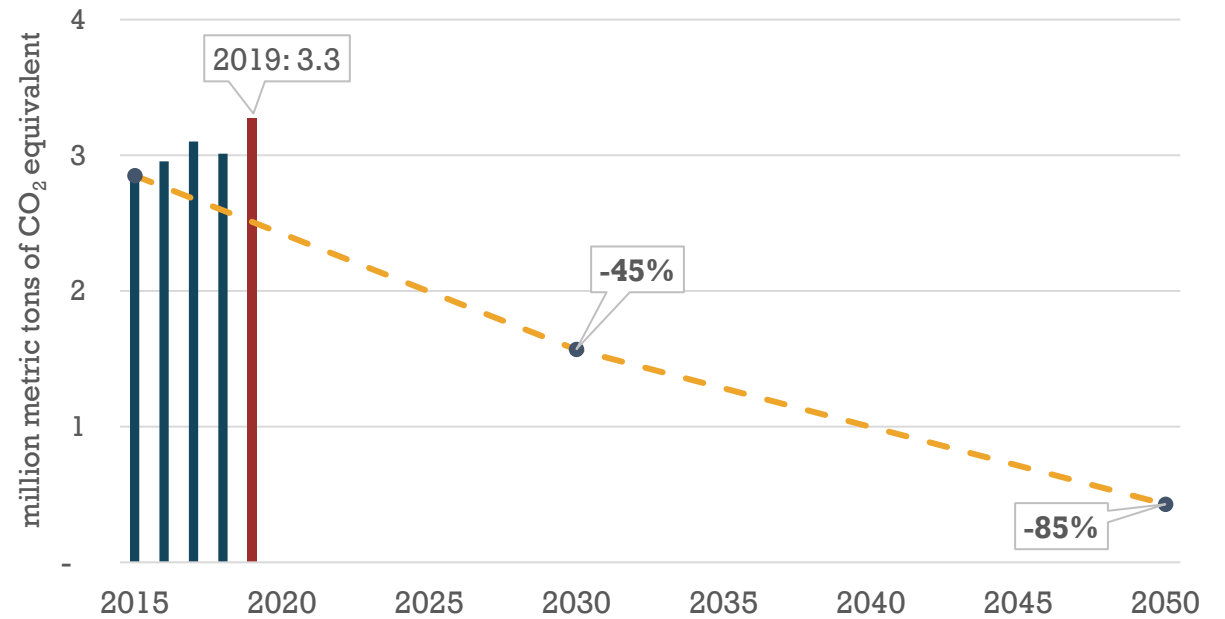
January 24, 2022

# Overview

- February 2021 - Thurston Climate Mitigation Plan adopted by all 4 jurisdictions
- April 2021 – Phase 3 ILA approved by all 4 jurisdictions
- 2021 Areas of Focus
  - Incorporate climate mitigation priorities and information into existing programs, including transportation and land use planning.
  - Align budgets and staffing with anticipated needs to support climate action in the short-term.

# Overall Emissions

Thurston Countywide Emissions and Reduction Targets



- 2019 data – predates COVID-19 and TCMP adoption
- Emissions rising - +15% since 2015
- Source: Greenhouse Gas Inventory Report for Calendar Years 2015-2019, Thurston Climate Action Team (December 2021)

# Buildings & Energy

## Energy Use

Electricity Use,  
2015-2020



+3%

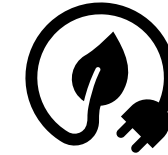
Natural Gas  
Use,  
2015-2020



+17%

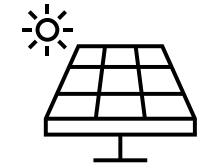
## Local Renewable Energy Production

Generating  
Capacity, 2021



13,330 KW AC

Renewable  
Systems, 2021




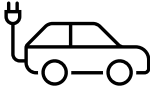
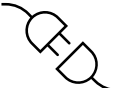


1,577

- Thurston County C-PACER program
- Efficient lighting upgrades – all jurisdictions
- Community solar
- Solar group purchasing

Community Partner  
Spotlight:  
Olympia Community Solar  
Solarize Thurston – 139  
households



# Transportation & Land Use

Vehicle Miles Traveled VMT, 2015-2020	Emission Intensity EVs (% Total Registered Vehicles), 2021	Public EV Charging Stations, 2021	Land Use Urban Households Center/Corridor, 2020	Growth Outside UGAs, 2010-2020
 -11%	 1%	 51	 48%	 14%

- Middle density and ADUs
- EV charging
- Zero-Fare Transit Extended
- Mode Shift – Olympia Transportation Plan and Multimodal Concurrency

Community Partner  
Spotlight:  
Intercity Transit  
Zero Fare Pilot Program  
Walk N Roll



# Water & Waste

## Landfill Waste

Landfill Solid Waste, per Capita,  
2015-2020



+12%

## Wastewater

Wastewater Treated, 2015-2020



+3%

- LOTT improved wastewater efficiency project underway
- Thurston County Solid Waste programs
- TRPC completed consumption-based emissions review

Community Partner  
Spotlight:  
LOTT Clean Water Alliance  
Biological Improvements Project



# Agriculture & Forests

## Forests

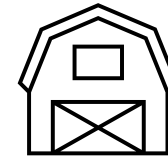
Proportion of Forest Land Cover, Countywide, 2016



47%

## Wastewater

Agricultural Producers Receiving Technical Support, 2021



185+

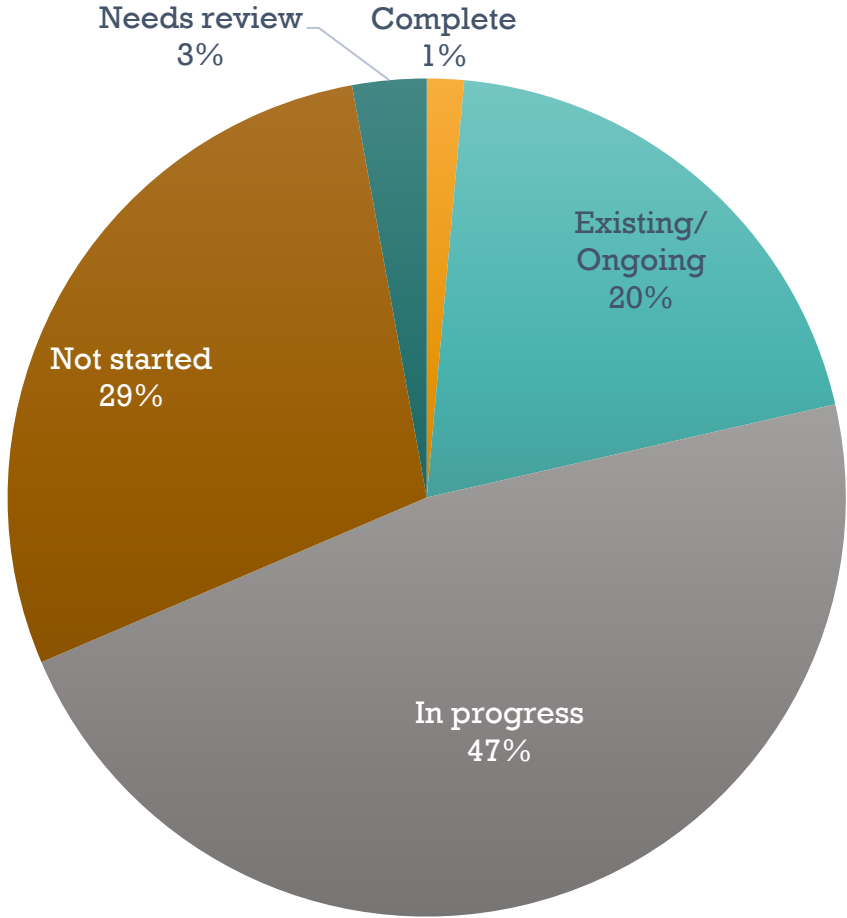
- Urban Forest Management Plans – Lacey and Tumwater
- Thurston Conservation District technical assistance programs

Community Partner  
Spotlight:  
Thurston Conservation  
District  
Technical assistance program



# Overall Action Status

## 2021 TCMP Action Status



Complete Existing/ Ongoing In progress Not started Needs review

## Discussion

- What are some successes of the past year?
- What do you hope to see in next year's report?