



THURSTON CLIMATE MITIGATION PLAN

Steering Committee



Meeting #5
July 26, 2021



Long Term Governance Agreement

- Today
 - Goals
 - Work Program
 - Membership
 - Monitoring
 - Convening
 - Funding
- August Meeting
 - Public Outreach/Stakeholder Engagement
 - Revisit outstanding questions
- September – Draft long-term ILA and scope
- November – Final



Purpose/Goals

- What are the purpose and goals of this partnership?

May Discussion

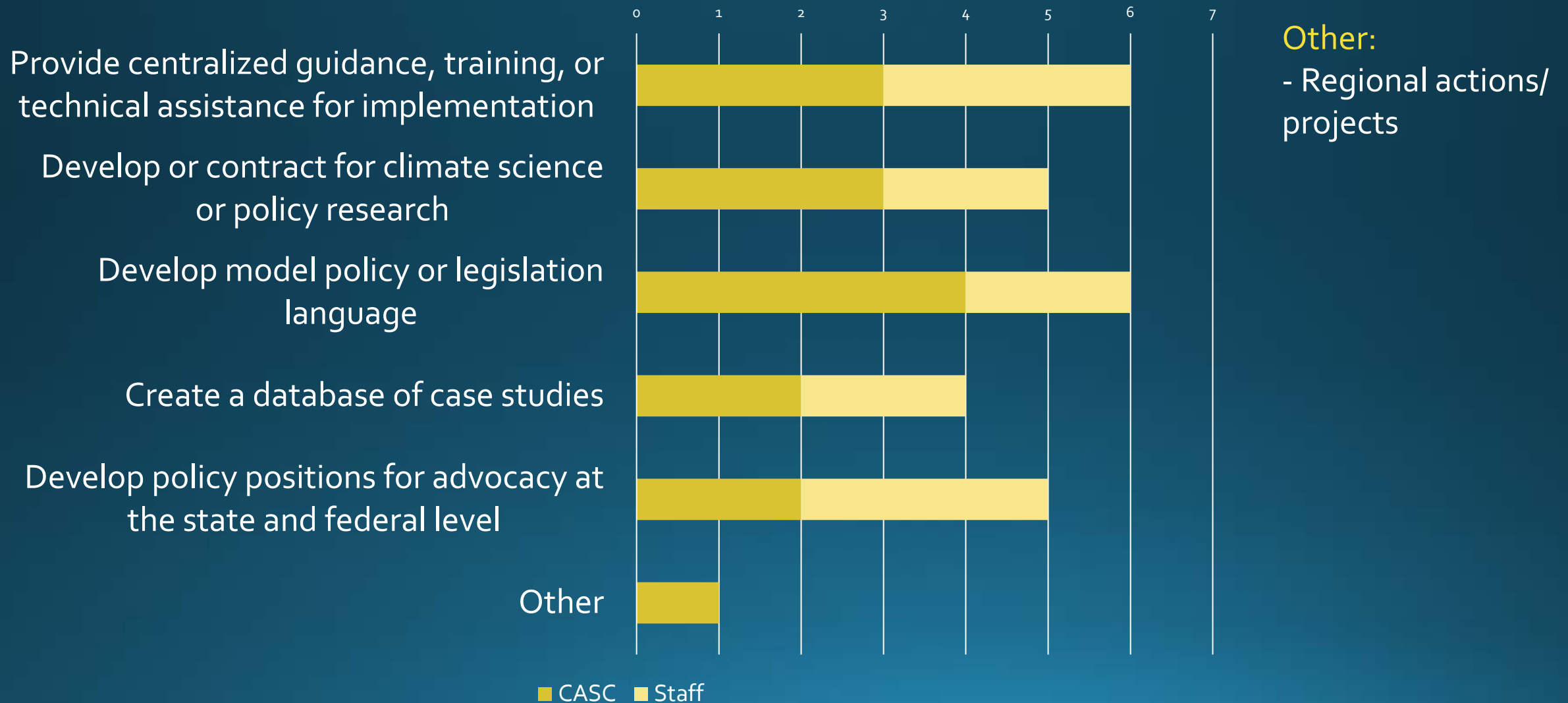
- To maintain momentum for local climate action.
- To develop efficient regional solutions for reducing sources of greenhouse gases.
 - **Survey feedback** - Add: “and specific regional projects that help all partner jurisdictions.”
- To provide accountability by tracking progress toward achieving regional climate targets.
- To build public support for climate action, and coordinate outreach on climate mitigation activities.

Work Program

What type of work will the group do? How are priorities identified?

- To maintain momentum for local climate action.
 - By convening elected officials and staff to coordinate climate mitigation activities.
- To develop efficient regional solutions for reducing sources of greenhouse gases.
 - By developing an annual work program targeting regional priorities (i.e., guidance, technical assistance, model policy, legislation, etc)
- To provide accountability by tracking progress toward achieving regional climate targets.
 - Monitoring and assessment program
- To build public support for climate action, and coordinate outreach on climate mitigation activities.
 - Activities to be discussed at future meeting

Regional Solutions



Membership/Decisionmaking

- What entities are members?
- Which members have decisionmaking authority?

Survey Results

- CASC representatives support maintaining current membership (Thurston County, Lacey, Olympia, Tumwater)
- Some interest in inviting others as ex-officio members
 - Other local governments, tribal governments
 - Public agencies
 - Community partners

Monitoring & Assessment

Public Resource

Features

- Online, both desktop/mobile friendly
- Intended for a general audience
- Simple layout, clear message

Data

- Regional greenhouse emissions by sector
- Key performance indicators (1-3 per sector)
- Updated every 1-2 years
- Available to download

City of Fort Collins Climate Dashboard

Welcome to the Fort Collins Climate Dashboard, a snapshot of the community's progress toward reducing carbon emissions. The City organization tracks emissions annually using 2005 as a baseline year. The community aims to reduce carbon 20 percent below 2005 levels by 2020 and 80 percent by 2030 with the goal of being carbon neutral by 2050. As of 2019, the community had reduced emissions 7 percent compared to the 2005 baseline. To learn more about our progress toward these goals, sign up for our [Climate Action newsletter](#).



Environmental Indicators

Community Greenhouse Gas Inventory

2019

2 Million

Metric Tons CO₂e (-7%)

Down 7% since 2005

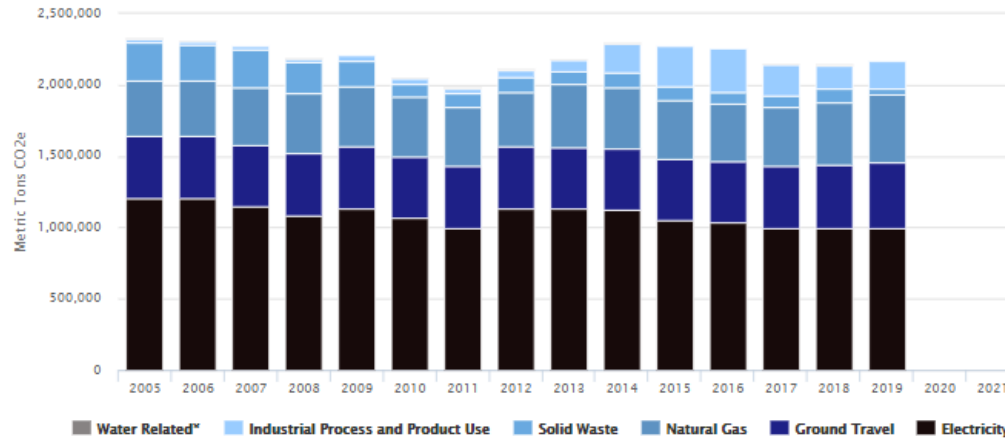
Down 28% per capita since 2005

Last updated 3.10.2021



Emissions Down

Community Carbon Inventory



Click on any series in the chart legend to hide it from view. *Water related emissions are hard to see because they make up <1% of the inventory

■ Emissions down | ■ Neutral | ■ Emissions up



Electricity

(46% of inventory)

EMISSIONS DOWN

Emissions have decreased 17% since 2005
Emissions from electricity use are



Ground Travel

(21% of inventory)

EMISSIONS UP

Emissions have increased 6% since 2005
Emissions from



Natural Gas

(22% of inventory)

EMISSIONS UP

Emissions have increased 23% since 2005
Emissions are produced from the



Solid Waste

(1% of inventory)

EMISSIONS DOWN

Emissions have decreased 83% since 2005
Solid waste emissions in the



Water Related

(<1% of inventory)

EMISSIONS DOWN

Emissions have decreased 16% since 2005
Emissions from energy and waste



Industrial

(9% of inventory)

EMISSIONS UP

Emissions have increased 873% since 2005
Industrial Process and Product Use

Fort Collins, Colo. Climate Action Dashboard

<https://ftcollinscap.clearpointstrategy.com/>

Ground Travel Measures

The following measures are categorized as direct or indirect. Direct measures track data used to calculate carbon emissions. Indirect measures show community trends that may impact carbon emissions but are not directly tied to carbon calculations. Some measures are not evaluated against a target and are simply informational. This is indicated when the status bar is gray instead of green, yellow, or red.

Measures	Actual	Target	Results
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Direct Measures

Vehicle Miles Traveled (miles/year)

Vehicle Miles Traveled (VMT) is one indicator used to calculate carbon emissions from ground travel – 24% of community emissions in 2017. As long as the majority of vehicles on the road run on fossil fuels, this measure will track overall vehicle emissions trends. VMT is predicted to continue increasing as the Fort Collins population grows. Growth in VMT can be negative for emissions or neutral depending on vehicle type. VMT data is modeled by the Northern Front Range Metropolitan Planning Organization (NFRMPO).

	N/A	2020
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Indirect Measures

Cumulative Bus Rides (in thousands)

This measure tracks the total number of bus rides (also known as passenger boardings) on Transfort, Fort Collins' public transportation service. Increased bus ridership may mean that people are leaving their cars at home, helping reduce emissions. The target for this metric is to see a 5% increase in fixed route ridership over the previous year. The graph shows bus rides each quarter in thousands. Data is supplied by Transfort.

	2,280	Q4 2020
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Percent of People Commuting by Transportation Type

This metric estimates the percentage of people who commute (to work or school) by a particular type of transportation such as car, bike, by foot, etc. Data comes out once per year from the American Community Survey conducted by the U.S. Census.

N/A	N/A	2019
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City-wide sidewalk network (square feet)

This is a measure of the number of sidewalks constructed or repaired to improve pedestrian connectivity citywide to eliminate hazards and remove obstacles. An increase in sidewalk square footage is a positive trend. With current funding levels, the City aims to complete about 45 projects a year or about five miles of additional sidewalks. Data is provided by the City of Fort Collins.

13,045	16,000	Q4 2020
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Percent Arterial Bike Network Crossings Completed

This measures arterial bike crossing improvements implemented since the adoption of the 2014 Bicycle Master Plan. Arterial bike crossings are areas where a bicycle route crosses a major street. Crossing at such intersections can be uncomfortable and a barrier to bicycle travel. Improvements include things like widened ramps and waiting areas, overhead signals, pavement markings and signage to guide bicyclists. Improving bike crossings helps people bike safely, encouraging more ridership thus indirectly decreasing emissions. An increase in bike crossing improvements is a positive trend. Data is supplied by the City of Fort Collins.

23	25	Q4 2020
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Fort Collins, Colo. Climate Action Dashboard

<https://ftcollinscap.clearpointstrategy.com/>

Staff Resource

Features

- PDF Report
- More data-focused
- Inform future climate planning efforts

Data

- Same as public resource
- Additional key performance indicators if necessary
- Update every 3-5 years

Other Options

- **Tracking TCMP action implementation** — *Best left to individual jurisdictions and not included in the Long Term Governance Agreement*
- **TCMP Monitoring Protocol** — *Good source of key performance indicators but too many indicators to track for a user-friendly climate resource.*
- **The Profile / Sustainable Thurston Report Card** — *TRPC already tracks climate related data but not in a central location.*

Monitoring & Assessment

- Other questions?

Thank You!

Staff Contacts

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