



THURSTON CLIMATE MITIGATION PLAN

Steering Committee



Meeting #11
July 23, 2020

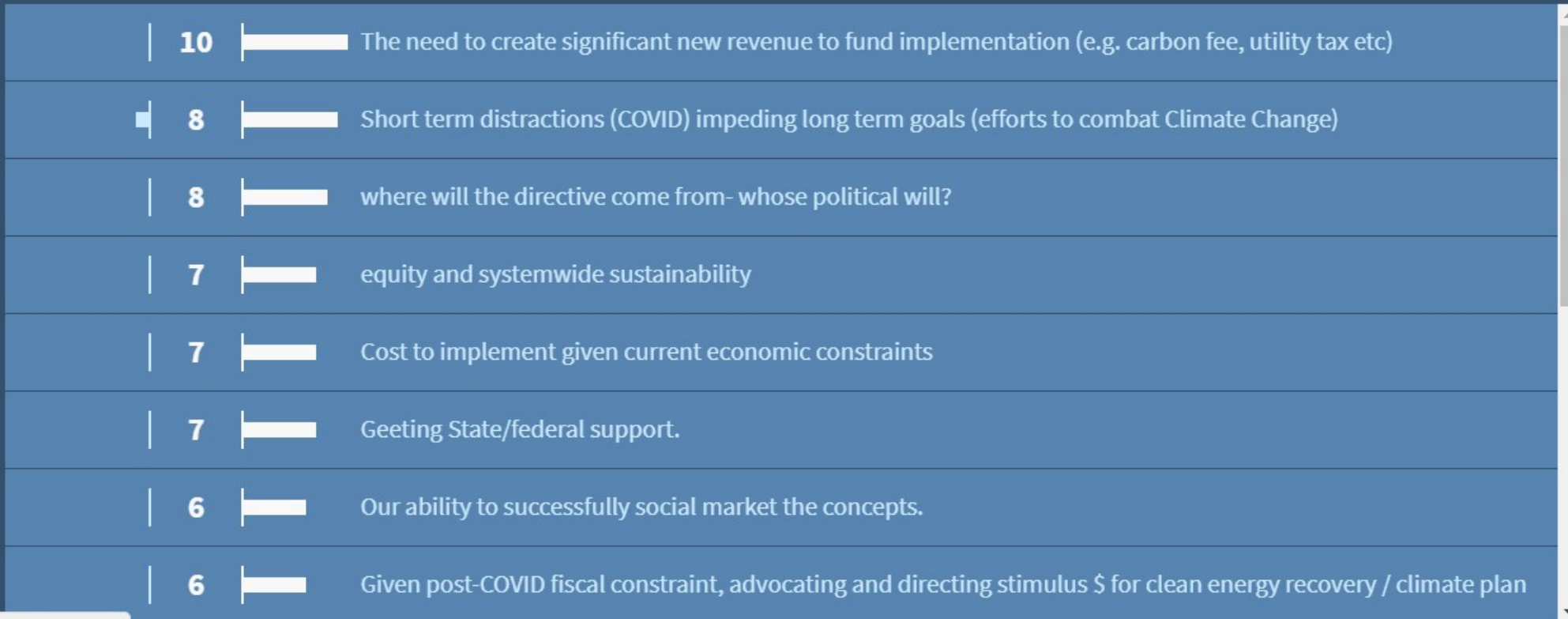


Today's Agenda

1. Welcome & Introductions
2. Communitywide Actions List & Scenario Results
3. Implementation Strategy
4. Monitoring Framework
5. Next Steps
6. Jurisdiction Updates
7. Public Comments

What challenge or concern are you thinking about, as we move into implementation?

Top



Climate Advisory Workgroup

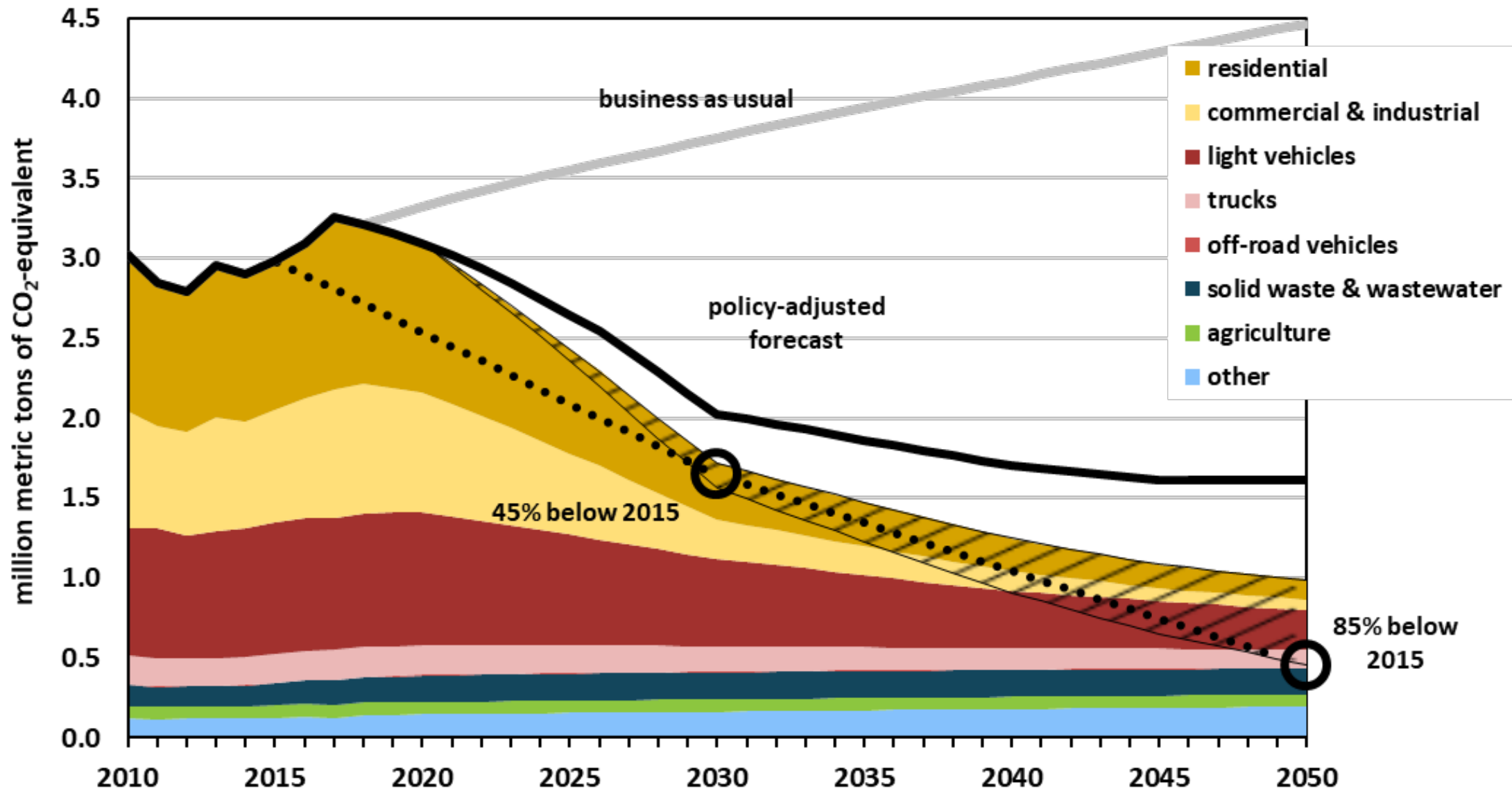
What do you want the cities and county to keep in mind as they continue with this work?

- “This is an emergency” and “This is important”
- “Collaborate. Continue to look at what's needed for the greater community good.”
- “Unfunded mandates tend not to be successful.”
- “It is better to do something and need to improve on it than to try to get something perfect and end up doing nothing.”

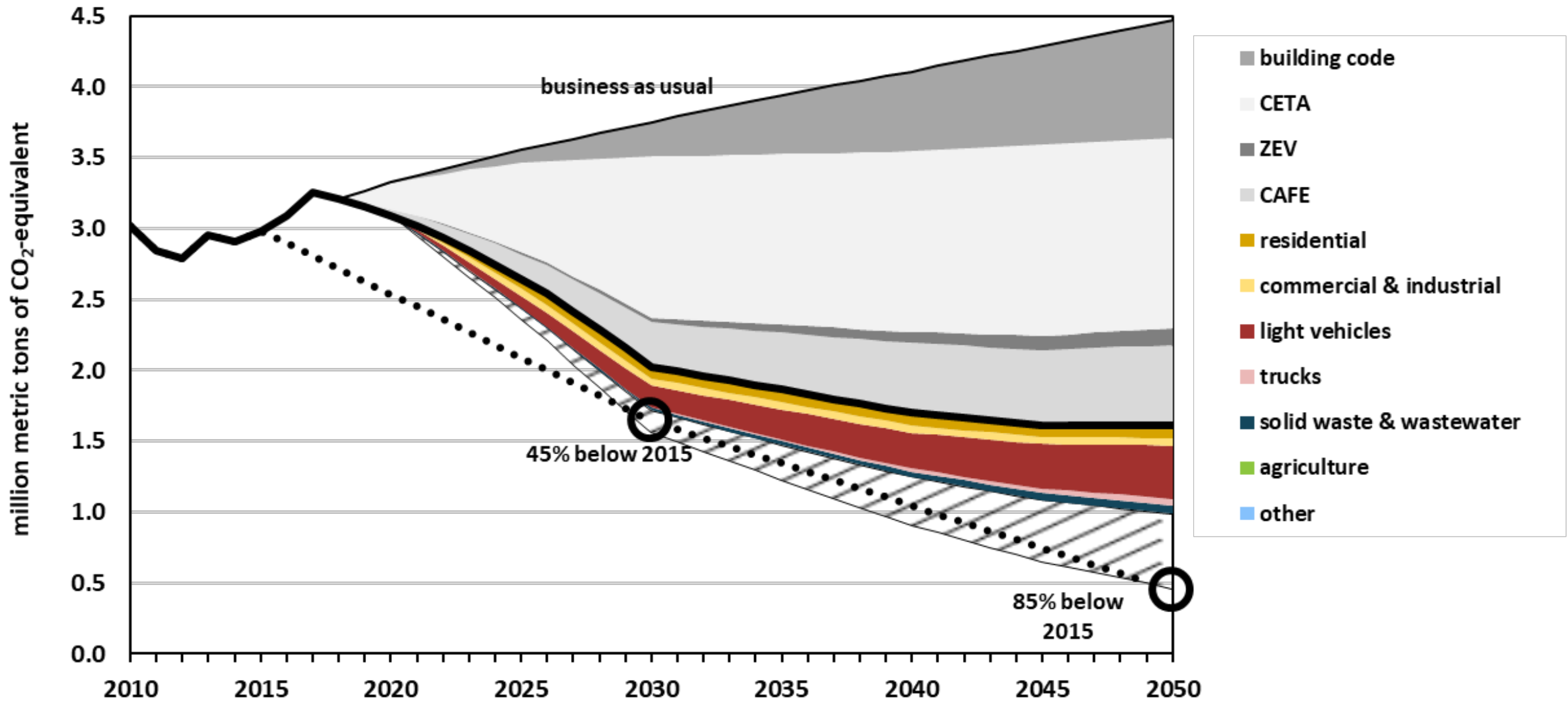
Action List & Scenario Analysis

- Includes ~70 actions
- Updated Scenario Analysis
 - Stakeholder and Steering Committee comments
 - 2018 Greenhouse Gas Emission Inventory (TCAT)
- Changes to assumptions
 - Through traffic
 - Landfill emissions
 - Land clearing

strategy metric	2030		2050		reference level in 2017
	previous	revised	previous	revised	units
residential energy consumption					
electricity	20%	20%	30%	30%	kWh/household
natural gas	20%	20%	50%	50%	mmBtu/household
fuel oil	10%	10%	20%	20%	households
LPG	10%	10%	20%	20%	households
wood	10%	10%	20%	20%	households
commercial energy consumption					
electricity	20%	20%	30%	30%	kWh/capita
natural gas	20%	20%	50%	50%	mmBtu/capita
industrial energy consumption					
electricity	2%	2%	5%	5%	MWh
natural gas	10%	10%	50%	30%	mmBtu
passenger vehicles					
use	5%	5%	20%	20%	million VMT
emission intensity	20%	20%	60%	60%	gCO ₂ e/mi
light duty trucks					
use	10%	10%	15%	15%	million VMT
emission intensity	10%	10%	40%	40%	gCO ₂ e/mi
medium & heavy duty trucks					
use				20%	million VMT
emission intensity				10%	gCO ₂ e/mi
waste & wastewater					
solid waste generation	10%	10%	30%	30%	ton/capita
landfill emission rate	50%		50%		tCO ₂ e/ton
WWTP	20%	20%	20%	20%	
septic tanks					sites
agriculture					
animal farming					head
fertilization of land	20%	20%		50%	acres
other					
street lighting					MWh
refrigerant use					
land clearing	100%		100%		acre



Updated 7/06



Updated 7/06

Green our Grid

- Support state-level action (CETA and building code)
- Invest in energy efficiency of homes and businesses
- Make it easier to install renewables

Energy Source Shift

- Promote alternatives to natural gas for heating and cooking
- Advance adoption of electric vehicles

Less-energy-intensive Lifestyles

- Develop denser urban networks and neighborhood hubs
- More people riding transit, biking, walking, telecommuting
- Reduce food and other waste

Sequestration to Bridge the Gap

- Preserve & plant trees
- Expand practice of regenerative agriculture

Local Knowledge and Capacity

- Expand monitoring & assessment
- Build expertise for technical assistance
- Include climate impacts in decisionmaking

Scenario
Analysis
→
Climate
Plan
Framework

Implementation Strategy

Legislative
Agenda

Regionally
Coordinated

Individual
Jurisdictions

Supporting
Partner

Implementation Strategy

Legislative Agenda

- Inform legislators about local role and interest in climate action
- Coordinate on tracking, advocating on state climate legislation
- Research barriers and opportunities around taxing authority, energy benchmarking and disclosures, building/energy code
- Immediate asks vs longer-term strategy

Implementation Strategy

Regionally
Coordinated

- Data and monitoring (G4 actions)
- Active transportation network
- Model codes and standards
- Sequestration program
- Education/behavior change

Implementation Strategy

Individual
Jurisdictions

- Invest in capital improvements
- Train and dedicate staff for technical assistance
- Code amendments

Implementation Strategy

Supporting
Partner

- Intercity Transit
- Thurston Conservation District
- LOTT
- Economic Development Council
- Public/private partnerships

Implementation Strategy

Legislative
Agenda

Regionally
Coordinated

Individual
Jurisdictions

Supporting
Partner

Monitoring Framework

- Greenhouse Gas Inventory tCO₂e
- Action Progress Yes No
- Key Performance Indicators (KPIs)



Strategy

Increase adoption of electric vehicles



Indicator

Proportion of vehicles that are electric (%).












Target

2030: 10%
2050: 30%

Monitoring Framework

- Will indicators be tracked regionally, or by jurisdiction?
 - Regionally
- How often will indicator status be updated?
 - Annually, if data available
- How will indicators be reported, and to whom?
 - Online dashboard and progress report
- How often will the TCMP be updated?
 - Minor updates: 2 years
 - Major update: 8-10 years

Next Steps: Proposed 2020 Schedule

	April	May	June	July	August	September	October
Steering Committee	Meeting #9 	Meeting #10 	Meeting #11 		Meeting #12 	Meeting #13? 	
Advisory Workgroup			Meeting #6 		Joint Meeting? 		
Community Engagement	Website Updates	Website Updates	Status Update Network check in 	Online Open House, Public Comment 		Final Plan Posted	

Individual Jurisdictions:
Adoption & Implementation

Next Steps

- Phase III – appoint a subcommittee to develop scope

Jurisdiction Updates

Public Comment

Thank You!

Staff Contact

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