

Communitywide Actions List

April 16, 2020 – Steering Committee Review

Overview

The Thurston Climate Mitigation Plan will include a list of communitywide actions to reduce greenhouse gas emissions in order to meet the adopted emissions reduction target. Staff have developed two potential approaches to developing a priority list of actions for the Steering Committee’s review.

- **Option A:** Actions that occur on all 3 prioritization approaches or “lists” (top by total priority score, top by sector, top by strategy), PLUS additional actions by Total Priority Score up to a total of 50 actions.
- **Option B:** Compared to Option A, adds 18 actions that address key sectors or strategies (sequestration, water, solid waste, fuel switching, agriculture, education, data and monitoring) and/or had high stakeholder support; removes 12 actions that are lower scoring with less stakeholder support or that focus on municipal actions with limited potential impact. Total of 56 actions.

Background Timeline

- *May-September 2019:* TRPC and the consultant team gathered ideas from the Climate Advisory Workgroup (CAW), Steering Committee, stakeholder focus groups, general public, and other planning efforts to develop a list of over 300 potential actions to reduce greenhouse gas emissions.
- *October-December 2019:* TRPC and the consultant team evaluated the full list of actions, with input from expert stakeholders at five focus group meetings. Each action received a qualitative ranking for how it met each of four criteria: greenhouse gas reduction potential, speed of deployment, control, and co-benefits.
- *January 2020:* The consultant team used the criteria rankings to develop a Total Priority Score (TPS) for each action. The CAW reviewed the scores (January 16) and the Steering Committee (January 23) approved an approach to weighting different criteria and including a boost for actions identified as a high priority by youth.
- *January 23:* The Steering Committee directed staff to develop a list of approximately 50 priority actions that includes actions that appear repeatedly when evaluated with different approaches (lists), using their Total Priority Score:
 - Top TPS scores among all actions
 - Top TPS scores for each sector (Buildings & Energy, Transportation & Land Use, Agriculture & Forestry, Water & Waste, Cross-Cutting)
 - Top TPS scores for each strategy
 - Top actions for Youth
 - Top actions for stakeholders

- **March 12:** The CAW reviewed the draft Priority Action List, and provided feedback and recommendations to the Steering Committee.
 - Some CAW members preferred Option A, because it focuses on the highest impact actions. Some had concerns that Option B directs resources to actions that are less effective or that can't be measured.
 - Some CAW members preferred Option B, because it includes a wider variety of partners and sectors, and includes topics of interest to the community, such as sequestration and solid waste, that are important, but currently lack data and are not measured in the greenhouse gas inventory.
 - Comments provided by CAW members on individual actions are included in the attached tables for Options A and B.
- **Late March:** Staff provided the Steering Committee with the two draft options for priority actions¹, revised to include the Workgroup's recommendations, but the March meeting was canceled as jurisdictions focused on the community response to COVID-19.
- **April 23: TRPC Staff and the Consultant team continue to assess the priority actions. The Steering Committee will review these scenario results at their April 23rd meeting, and be asked to provide direction on selecting a priority list of actions.**
- **April-May:** The Project Team will identify initial implementation steps for the Priority Actions, including leads, partners, and general timeline. This information will be used to develop implementation plans for each of the four partner jurisdictions.

Comparison of Options

Option A lists 50 actions that appeared on all three “lists” (13 actions), and higher-ranking actions. It includes all actions with a Total Priority Score of 3.6 or higher. This option is heavily focused on strategies related to energy use in buildings and transportation and land use. It includes only one action from the agriculture & forests sector, the lone sequestration action, and no actions addressing water or waste.

TABLE 1. COMPARISON OF OPTIONS: NUMBER OF ACTIONS PER SECTOR

Sector	Option A	Option B
Buildings & Energy	20	19
Transportation & Land Use	25	20
Water & Waste	0	6
Agriculture & Forests	1	5
Cross-cutting	4	6
TOTAL	50	56

Option B adds 18 actions that focus on areas of identified interest to stakeholders and/or youth: sequestration, water use, solid waste, agriculture emissions, and general education. It includes high-ranking actions for some

¹ The Total Priority Scores have been updated since the March 12 CAW meeting, which resulted in a few changes to actions.

strategies left out of Option A, as well as some actions that ranked lower, but had high stakeholder support (multiple green dot stickers). It removes 12 actions that rank lower in strategies represented by multiple actions, that do not have stakeholder support (few or no green dot stickers).

TABLE 2. COMPARISON OF ACTIONS IN EACH OPTION

Actions in Option A, but not Option B	Actions in Option B, but not Option A
1. B2.3 - LED lighting, 25 (3.8, 1 list, 1 green dot)	1. B1.1 - residential energy performance ratings, 158 (2.7, 0 lists, no dots, stakeholder request)
2. B2.6 - cool roofs, 49 (3.5, 0 lists, no dots)	2. B1.2 - residential energy audits, 130 (2.9, 0 lists, no dots, stakeholder request)
3. B2.10 - energy program grants, 42 (3.6, 1 list, 2 green dots)	3. B2.1 - commercial energy benchmarking & disclosure, 131 (2.9, 0 lists, no dots, stakeholder request)
4. B4.4 - green municipal buildings, 32 (3.7, 1 list, 1 green dot)	4. B6.1 - gas to electric conversions, 162 (2.7, 0 lists, no dots, addresses gap)
5. B4.11 - grid-connected appliances, 38 (3.7; 1 list, no dots)	5. B6.2 - electric appliances in new construction, 53 (3.4 - lowest score, 1 list, 1 green dot, stakeholder request)
6. B5.3 - municipal solar, 33 (3.7, 1 list, youth priority, no dots)	6. W1.1 - municipal energy efficiency, 62 (3.4, 2 lists, no dots, addresses gap)
7. T1.9 - ADUs, 23 (3.8, 1 list, no dots - lowest of T1.1 actions)	7. W2.2 - water audits, 116 (3, 1 list, 5 green dots, addresses gap)
8. T2.4 - vehicle efficiency outreach, 44 (3.6, 1 list, no dots)	8. W3.1 - nitrous oxide capture, 172 (2.6, 1 list, 2 dots, addresses gap)
9. T3.1 - EV parking new construction, 39 (3.6, 1 list, no dots)	9. W4.4 - waste audits, 146 (2.8, 0 lists, no dots; addresses gap)
10. T3.7 - EV integration, 40 - reevaluating regs (3.6, 1 list, no dots)	10. W4.10 - waste less food program, 134 (2.9, 1 list, youth priority, 1 green dot; addresses gap)
11. T4.15 - Promote transit benefits, 45 (3.6, 1 list, no dots)	11. W6.6 - supply chain, 161 (2.8, 1 list, Youth priority, no dots; addresses gap)
12. G5.2 - solar-ready building code, 16 (4, 2 lists, 2 dots)	12. A1.2 - nutrient management, 164 (2.8, 1 list, 3 dots, addresses gap)
	13. A2.1 - regenerative agriculture, 165 (2.8, 1 list, 4 dots, addresses gap)
	14. A6.5 - municipal canopy, 59 (3.4, 2 lists, 1 dot, addresses gap)
	15. A6.9 - tree canopy preservation, 129 (2.8, 0 lists, no dots, addresses gap)
	16. G1.7 - social research and behavior change campaigns, 65 (3.4, 2 lists, no dots, addresses gap)
	17. G4.3 - other emission sources and sinks, 136 (2.8, 0 lists, no dots, addresses gap)
	18. G4.4 - vulnerable populations, 61 (3.4, 1 list, 1 dot, addresses gap)

Attachments:

- TCMP – Communitywide Priority Action List – Option A
- TCMP – Communitywide Priority Action List – Option B
- TCMP – Communitywide Action List – all actions ranked
- TCMP – Multicriteria Analysis – 3 Lists