

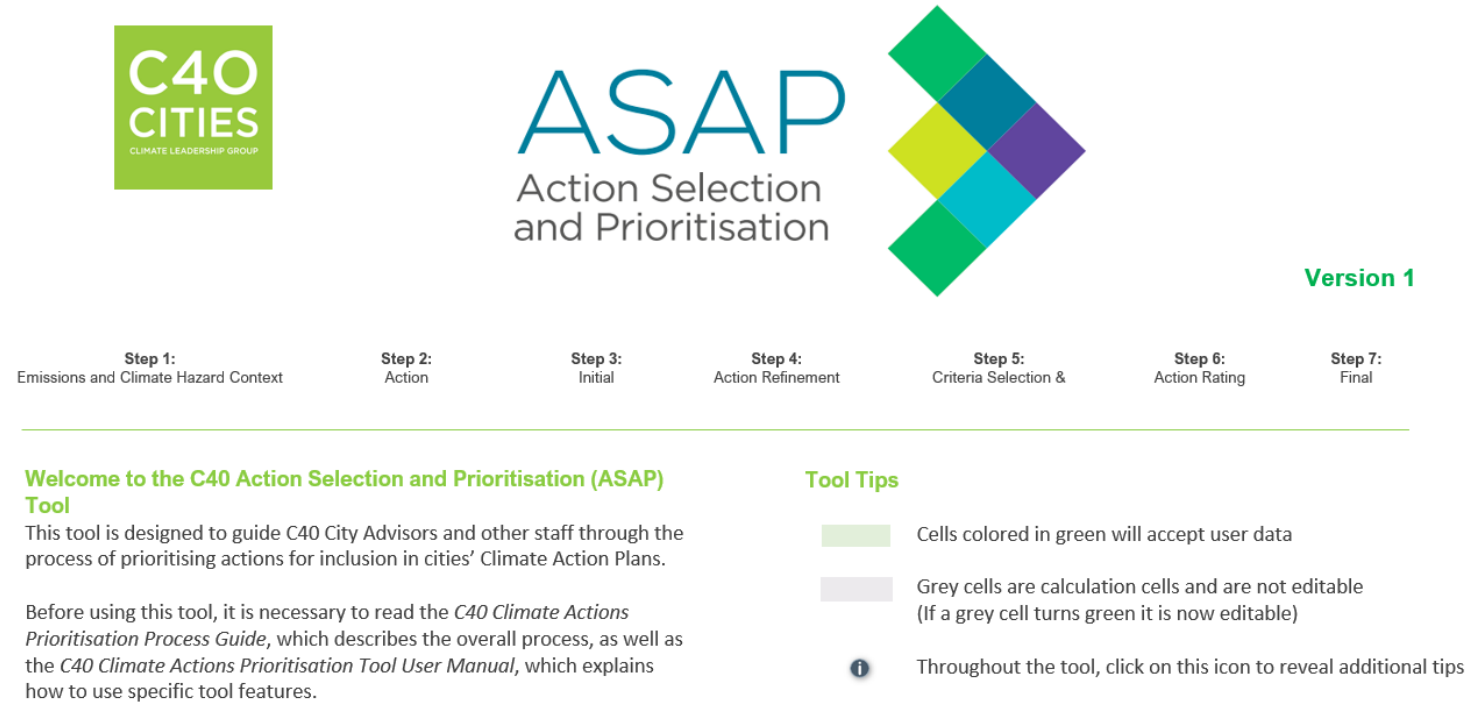


# CAAP Action Evaluation and Prioritization Process

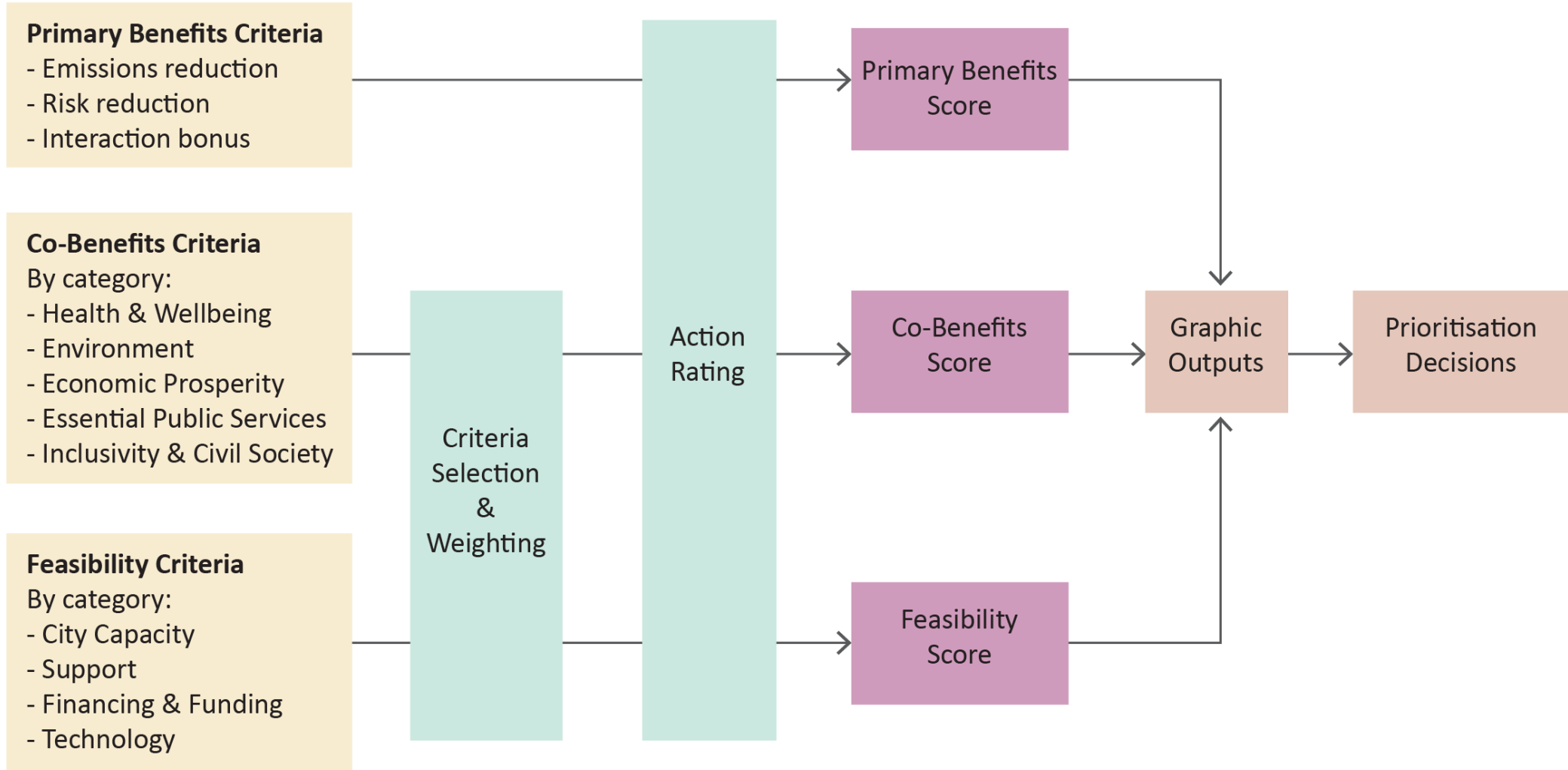


# Why Evaluate and Prioritize Actions?

- Consider multiple aspects of climate action
- Provide transparency and consistency in action evaluation
- Move from long-list to shorter list efficiently
- Identify immediate priorities aligned with limited implementation resources



# ASAP Action Evaluation Framework



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## Prioritization Approach

1. Develop Evaluation Criteria that are important to community and relevant to CAP
  - Co-benefits
  - Feasibility Criteria
2. Develop draft actions
3. Use Action Selection and Prioritization (ASAP) tool
  - Evaluate actions for primary benefits, co-benefit impact, and feasibility
4. Compare and assess actions in ASAP
5. Select and prioritize top actions
  - E.g., prioritize actions with high GHG reduction potential and high co-benefits scores, OR high co-benefit scores and high feasibility scores
6. Use ASAP assessment to modify and finalize action language for the CAP

## Evaluation Criteria

Primary Benefits	Co-Benefits	Feasibility Criteria
<ul style="list-style-type: none"><li>• GHG emissions reduction and/or climate risk reduction</li></ul>	<ul style="list-style-type: none"><li>• Benefits generated by climate actions beyond primary benefits of emissions reduction and risk reduction</li><li>• <i>Examples: Improve air quality, reduce the cost of living, increase green space, create jobs</i></li></ul>	<ul style="list-style-type: none"><li>• How easy or difficult it will be to implement the action</li><li>• <i>Examples: Cost, city authority to implement, political acceptability</i></li></ul>

- Criteria selected should reflect community priorities and a variety of benefits that climate actions can provide

# Davis CAAP Draft Evaluation Criteria

	<b>Evaluation Criteria</b>	<b>Definition</b>
Co-Benefits	Air Quality and Public Health	Improve public health through reduced incidents of diseases and/or death attributed to improved air quality (indoor and outdoor), water quality, or increased physical activity.
	Environmental Stewardship	Consider impacts on natural resources, improving the environment, and/ or promote greenspace conservation, creation, or regeneration.
	Racial Equity and Social Justice	Address an existing inequity in the community, such as disproportionate poor air quality, energy burden, access to transit, flood risk, etc.
Feasibility Criteria	City Authority	Does the City have the legal authority to implement this action or would it need to be implemented by another entity, such as the national government, a utility or agency outside of the city, or the private sector?
	Public Support	Is the behavior or technology change encouraged by this action favored or disfavored based on public opinion?
	Additional Capital Required to Implement	Beyond any funding that is currently secured or identified, how much additional capital would be required to implement the action (capital expenditure)?

# ASAP

## Action Rating Matrix

Complete ratings for all criteria for all actions. Notes are optional.

Action Title	Health and Wellbeing	Environment		Economic Prosperity		Essential Public Services	Inclusivity and Civil Society		Authority
	Air Quality	Greenspace	Habitat Protection	Employment	Income and Poverty	Housing	Stakeholder Engagement	Social Justice	City Authority
<input type="button" value="Clear All Column Filters"/>									
Ordinance: Require renewable energy systems in new non-residential development	Neutral	Neutral	Neutral	Somewhat Positive	Neutral	Somewhat Positive	Somewhat Positive	Somewhat Negative	Yes, under existing policy
Incentive: Low interest solar loan program	Neutral	Neutral	Neutral	Very Positive	Neutral	Somewhat Positive	Somewhat Positive	Very Positive	Yes, under existing policy
Program: Community Solar	Neutral	Neutral	Neutral	Very Positive	Neutral	Very Positive	Very Positive	Very Positive	Yes, but would require new policy
Increase building electrification through replacement of natural gas appliances	Very Positive	Neutral	Neutral	Somewhat Positive	Somewhat Positive	Very Positive	Neutral	Very Positive	Yes, under existing policy
Develop a rental licensing program with energy disclosure requirements	Somewhat Positive	Neutral	Neutral	Somewhat Positive	Somewhat Positive	Neutral	Neutral	Somewhat Negative	Yes, under existing policy

# Co-Benefit Rating Scale

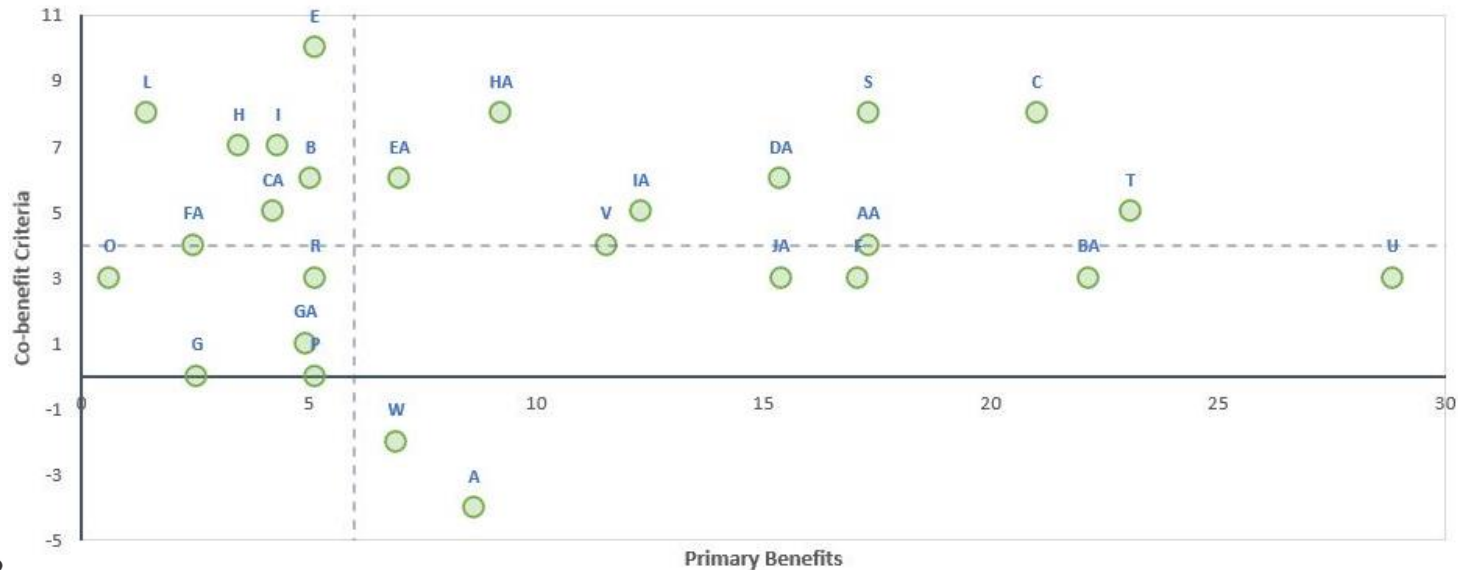
Co-Benefit Rating Scale	Rating Definition
Very Positive	The co-benefit will be significantly increased by this action.
Somewhat Positive	The co-benefit will be increased by this action.
Neutral	The co-benefit will not be impacted by this action, or the impacts are unknown.
Somewhat Negative	The co-benefit will be decreased by this action
Very Negative	The co-benefit will be significantly decreased by this action

Feasibility Rating Scale – City Authority	Rating Definition
Yes, under existing policy	The city currently has the legal authority to implement this action without modifying or passing new local policy
Yes, but would require amending existing policy	The city has the legal authority to implement this action, but would need to modify an existing ordinance
Yes, but would require new policy	The city has the legal authority to implement this action, but would need to pass a new ordinance
Outside city authority - utility/Agency/Private	The city does not have direct authority to implement this action because implementation would be determined by a utility, agency, or the private sector
Outside city authority - federal/State/Provincial	The city does not have direct authority to implement this action because implementation would be determined by a higher level of government





### Co-benefit Criteria vs Primary Benefits



### Legend (all matrices)

Use this table to identify actions by Action ID on all three matrices

Action ID	Action Title
A	Ordinance: Require renewable energy systems in new non-residential development
B	Incentive: Low interest solar loan program
C	Program: Community Solar
E	Increase building electrification through replacement of natural gas appliances
F	Develop a rental licensing program with energy disclosure requirements
G	Develop a home energy audit program
H	Increase express bus routes and dedicated bus lanes
I	Increase frequency and connectivity of transit options
L	Increase bicycle and scooter infrastructure
O	Implement an outreach and awareness campaign for waste diversion
P	Enforce existing requirements for multi-family residential and commercial property recycling programs