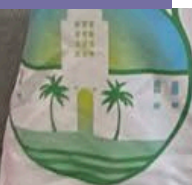




Appendix 02

Co-Benefits Evaluation Tool



climate action

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Introduction

While reducing greenhouse gas (GHG) emissions is the main objective of the County of San Diego’s (County’s) Climate Action Plan (CAP), secondary or related benefits, called “co-benefits” are important to consider for CAP measure prioritization and implementation. As discussed in Chapter 4, co-benefits are holistic benefits for our region and people that create healthy, resilient, and equitable communities and economic opportunities through climate action. These co-benefits can range from secondary environmental and public health benefits (e.g., improved air quality or increased mobility options) to economic benefits (e.g., increased green careers or savings on utility bills).

Co-benefits are a key part of CAP measure prioritization because they often define the positive outcomes community members directly experience through measure implementation. Reducing GHG emissions is integral to limiting the greater impacts of climate change over time, but creating positive co-benefits can more immediately and directly improve the lives, health, and well-being of our community members.

Co-Benefit Evaluation Tool Development

To support CAP measure prioritization, “co-benefit scores” were generated through the County’s Co-Benefit Evaluation Tool (evaluation tool). This evaluation tool incorporates community feedback received through the CAP Survey (referenced in Chapter 2), community outreach events, and public workshops to determine the co-benefits most important to stakeholders. The evaluation tool is then used to show which CAP measures would have the greatest impact on co-benefits most important to stakeholders and assigns co-benefit scores that can be used to inform measure implementation and funding.

The evaluation tool was created by County staff based on acceptable methodologies and standard industry practice of other evaluation tools. This included the [Climate Action Prioritization \(CLIMACT Prio\) tool](#), created by researchers at the Institute for Housing and Urban Development at Erasmus University Rotterdam to rank potential climate actions according to GHG impact and stakeholder priority, and the [San Diego Association of Government’s \(SANDAG’s\) Prioritization Tool Guidebook](#), developed to support a range of planning processes for local governments that require identifying preferred strategies.

Definitions

The evaluation tool creates individual “weighted co-benefit scores” for every co-benefit, measure, and action. This is done through an evaluation of each CAP action’s potential impact to an individual co-benefit, adjusting these scores to reflect stakeholder values, and generating a weighted score for each individual co-benefit that can be summarized into strategic initiative scores and overall co-benefit scores. The following terminology is used throughout this document:

CAP Actions

The CAP establishes 21 measures the County will implement to achieve GHG reduction targets. Each measure includes one or more “actions” that outline the steps the County will carry out to achieve measure implementation. Actions that are quantifiable (i.e., results in GHG emission reductions that can be estimated) are included within the



	evaluation tool and notated by sector where: T = Built Environment and Transportation; E = Energy; SW = Solid Waste; W = Water and Wastewater; and A = Agriculture and Conservation.
Co-Benefit Scores	The score (on a scale of 0 to 3) identifying the potential positive impact a CAP action will have on a specific co-benefit. For example, a CAP action to preserve land has a direct positive impact (or 3) on the co-benefit, “conserving land.”
Stakeholder Weight or Stakeholder Value	The weight given to adjust an individual co-benefit score based on stakeholder feedback gathered through the CAP survey and other public workshops. Co-benefits that are more important to stakeholders have a greater weight. Weight is used to adjust co-benefit scores to “lift” the potential prioritization of CAP measures and actions with the greatest positive impact on co-benefits stakeholders value the most.
Weighted Co-Benefit Scores	The adjusted co-benefit score reflective of stakeholder weight, normalized to a 0 to 3 scale.
Strategic Initiative Scores	A summary of weighted co-benefit scores associated with each of the five County strategic initiatives .
Community Priority Scores	A summary of strategic initiative scores to present a full co-benefit score, reflective of all co-benefits, for each CAP measure. Scores are presented as on a scale from 0 to 10.

Evaluation Process

The process to evaluate measure co-benefits scores and determine which measures best support stakeholder desired outcomes began with the development and collection of measure and stakeholder inputs. Measure inputs included a complete list of CAP measures and actions, a complete list of co-benefits to be used for evaluation, and individual scores assigned for each measure’s impact to individual co-benefits. Stakeholder inputs included a complete tabulation of stakeholder input on co-benefits from the CAP Survey, community outreach events, and public workshops.

Measure and stakeholder inputs were combined by weighting each co-benefit based on how important it was to all stakeholders. This weighting activity adjusts all co-benefits scores to boost the scores of those co-benefits most valuable to stakeholders. Additional information on the outreach efforts and survey responses received are provided in Chapter 2.

Using the [County’s Strategic Initiatives](#), weighted co-benefit scores were combined to create strategic initiative scores. These scores summarized the impact of each measure on co-benefits specific to one of the five strategic initiative categories. The five strategic initiative scores were then added to generate a community priority score.

A high-level review of this process is shown in Figure 1, and additional details for each process step are provided in the following sections.



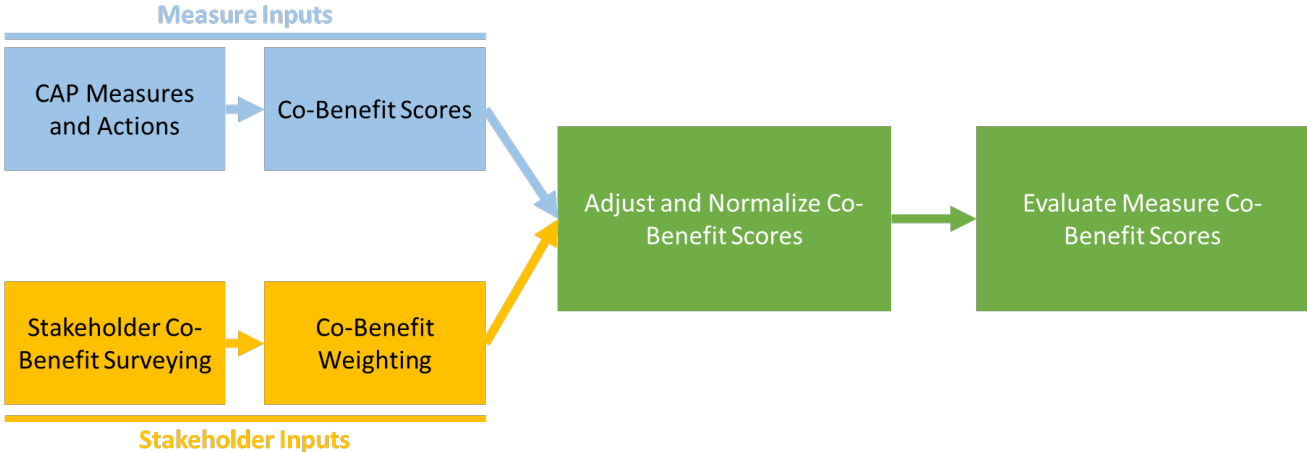




Figure 1: Co-Benefit Evaluation Tool Process Diagram




Co-Benefits

As described in Chapter 2, a list of 18 co-benefits was developed based on feedback received during outreach efforts. These co-benefits were grouped into five categories that align with the County’s Strategic Initiatives. A summary of the strategic initiatives, their alignment with the CAP, and associated co-benefits is shown in Table 1: Strategic Initiative Co-Benefit Groupings.

Table 1: Strategic Initiative Co-Benefit Groupings

Co-Benefit	CAP Alignment	Strategic Initiative Alignment
1. Conserving land 2. Conserving water 3. Using fewer fossil fuels 4. Reducing waste	Addressing climate change through preserving the environment and developing innovative policies and programs.	 Sustainability
5. Improving community health e.g., reducing noise, increasing trees 6. Improving walking, biking, rolling, and transit options 7. Improving air quality 8. Improving access to clean technology e.g., EVs	Reducing health disparities by improving the built environment.	 Equity



Co-Benefit	CAP Alignment	Strategic Initiative Alignment
9. Saving taxpayer money 10. Promoting a green economy 11. Saving money on utility bills 12. Expanding green workforce training	Providing educational, training, and other opportunities to expand access to high-road green jobs and the green economy.	 Empower
13. Reducing wildfire risk 14. Avoiding extra costs to the public 15. Increasing energy reliability	Supporting and enabling community engagement and reducing climate-related vulnerabilities to improve quality of life.	 Community
16. Supporting community-driven projects 17. Reducing GHG emissions quickly 18. Prioritizing communities most at-risk to climate change	Advancing environmental and social justice through targeted universalism (i.e., setting universal goals and using targeted processes to achieve those goals) which elevates and responds to frontline communities and their needs first.	 Justice

Co-Benefit Scores

Every action for which the County is estimating GHG emissions was evaluated to determine the relative impact of each action on having a positive impact on each of the 18 co-benefits. Only actions with associated emissions reductions were analyzed because they have associated implementation programs to achieve reductions identified in the CAP. Supporting “Path to Net Zero” actions were considered in the evaluation of these actions if integral to full action implementation. In total, co-benefit scores were assigned for 34 quantified CAP actions.

The potential positive impact a GHG reduction measures or action has on a co-benefit is rated on a scale from 0 to 3, where 0 means the strategy impact neutral or no positive impact and 3 means the strategy will have a direct positive impact. A summary of the criteria used to score co-benefits is provided in Table 2.



Table 2: Co-Benefit Scoring Criteria

Co-Benefit Rating	Definition
0	Action will have either no impact on the co-benefit or no <i>positive</i> impact on the co-benefit.
1	The action <i>may</i> result in a positive impact to the co-benefit; however, these positive impacts could occur regardless of action implementation. This includes actions that would support, but only nominally impact, upstream/downstream activities.
2	Implementation of the action will have an indirect positive impact on the co-benefit that may not occur without action implementation. Positive co-benefit impacts will occur from subsequent activities influenced by the action.
3	Implementation of the action will have a direct positive impact on the co-benefit.

Co-benefit scores were assigned for each individual action by County staff based on best practice research and literature review, and evaluation of any known existing implementation efforts. Best practice research and literature review included: community and stakeholder feedback on co-benefits; other recently adopted Climate Action Plans; scoring criteria used in other evaluation tools (e.g., CLIMACT Prio tool); and recommended assessment methodologies from State and international sources (e.g., [California Climate Investments Co-Benefit Assessment Methodologies](#)). Through a review of each individual action, staff assigned 18 individual co-benefit ratings and included rationales for each rating. Examples of how co-benefit ratings were determined include:

- A 0 was assigned to Action T-3.1, “Install electric vehicle charging stations and provide incentives for zero-emissions vehicles in the unincorporated area,” for the co-benefit, “conserving water” because it will have no impact on this co-benefit.
- A 1 was assigned to Action W-1.1, “Develop policies and programs to increase water efficiency, retention, recycling, and reuse to reduce potable water consumption in County operations,” for the co-benefit “improving access to clean technology” because, while having no direct impact on improving access to clean technology for residents and consumers, it could result in greater investment and future access improvements to related technology.
- A 2 was assigned to Action A-2.1, “ Develop a tree planting program that expands canopy across the unincorporated area and prioritizes underserved communities,” for the co-benefit, “improving walking, biking, rolling, and transit options” because research has shown that more shade is likely to make outdoor activities such as biking and walking more accessible by providing shading or reduced traffic speeds, but those outcomes are not guaranteed.
- A 3 was assigned to Action SW-2.1, “ Achieve zero waste within the unincorporated area,” for the co-benefit “reducing waste” because it would directly reduce waste in the unincorporated area.

The completed co-benefit scoring is provided in Table 3, and the score and staff score explanations are provided in Attachment A.



Table 3: CAP Action Co-Benefit Scores

Action	Co-Benefits																	
	Conserving land	Conserving water	Using fewer fossil fuels	Reducing waste	Improving community health	Improving walking, biking, rolling, and transit options	Improving air quality	Improving access to clean technology	Saving the taxpayer money	Promoting a green economy	Saving money on utility bills	Expanding green workforce training	Reducing wildfire risk	Avoiding extra costs to the public	Increasing energy reliability	Supporting community-driven projects	Reducing GHG emissions quickly	Prioritizing communities most at-risk to climate change
A-1.1	2	1	1	1	3	1	3	0	0	0	0	2	3	0	0	2	2	0
A-1.2	1	1	1	0	3	2	3	0	0	1	2	1	2	3	0	3	2	3
A-2.1	1	0	1	0	3	1	3	0	0	1	3	1	2	0	0	0	2	1
A-2.2	3	1	0	1	2	0	1	1	0	2	0	1	1	0	0	1	2	0
A-3.1	2	2	2	2	2	0	2	2	0	3	1	2	1	3	0	2	2	2
A-4.1	0	0	3	0	1	0	3	3	0	3	0	2	0	2	0	1	2	2
A-5.1	0	0	3	0	1	0	1	1	1	2	0	1	0	0	1	0	3	0
E-1.1	0	0	2	0	3	0	1	3	0	3	3	2	0	0	0	1	2	0
E-2.1	0	0	2	0	3	0	1	3	0	3	3	2	0	0	0	1	2	0
E-2.2	0	0	2	0	3	0	1	3	0	3	3	2	0	0	0	1	2	0
E-3.1	0	0	1	0	1	0	3	3	0	3	3	2	0	3	1	1	2	1
E-3.2	0	0	1	0	1	0	3	3	0	3	2	0	0	2	1	2	3	1
E-3.3	0	0	1	3	0	0	2	1	0	2	0	2	0	0	1	0	3	0
SW-1.1	0	0	1	3	1	0	2	1	0	2	0	2	0	0	1	2	1	0
SW-2.1	0	0	1	0	2	0	3	1	0	2	0	1	0	0	1	0	3	0
SW-3.1	0	0	1	0	2	0	3	2	0	2	0	1	0	0	1	0	1	0
SW-4.1	0	0	3	0	2	0	3	2	1	2	0	1	0	0	0	0	3	0
T-1.1	0	0	3	0	2	0	3	2	1	2	0	1	0	0	0	0	3	0
T-1.2	0	0	3	0	2	0	3	3	0	3	0	2	0	3	0	1	2	2



T-2.1	0	0	3	0	2	0	3	3	0	3	0	2	0	0	0	1	3	0
T-2.2	0	0	3	0	2	0	3	3	1	3	0	3	0	2	1	3	3	3
T-3.1	0	0	3	0	1	2	2	1	0	1	0	0	0	0	0	0	2	0
T-4.1	0	0	3	0	1	2	2	1	0	1	0	0	0	0	0	0	2	0
T-4.2	1	0	1	0	3	3	2	1	0	1	0	0	1	1	0	3	1	2
T-5.1	0	0	0	0	3	3	2	1	0	0	0	0	0	1	0	2	1	2
T-5.2	0	0	1	0	3	3	2	1	0	2	0	0	0	3	0	2	1	3
T-6.1	1	0	3	0	2	3	3	1	3	2	0	2	1	1	0	2	1	3
T-6.2	0	0	3	0	3	3	3	2	0	2	0	2	0	1	0	2	1	2
T-6.3	0	3	2	0	1	0	1	1	1	2	0	1	1	0	0	1	2	0
W-1.1	0	3	2	0	1	0	1	2	0	3	3	2	1	0	0	0	2	0
W-2.1	0	3	2	0	1	0	1	2	0	3	3	2	1	0	0	0	2	0
W-2.2	0	3	2	0	1	0	1	1	0	2	3	1	0	3	0	1	1	1
W-2.3	0	3	2	0	1	0	1	1	0	2	3	1	1	3	0	2	1	1
W-2.4	0	3	1	0	1	0	0	2	0	3	0	2	0	1	0	1	3	3
W-3.1	2	1	1	1	3	1	3	0	0	0	0	2	3	0	0	2	2	0



Stakeholder Feedback and Survey

Throughout the development of the CAP, community members were asked to participate in a multi-platform survey that included a question asking respondents to identify which of the 18 co-benefits were most important to them. There was no limitation on the number of co-benefits respondents could select (i.e., they could select all co-benefits were important to them if they chose). The survey was available online in all eight County-identified threshold languages (Arabic, Chinese, Farsi/Persian, Korean, Spanish, Somali, Tagalog, and Vietnamese) and as a hard copy, and access to the survey was advertised through all CAP Update community engagement activities including general workshops, community-specific meetings and workshops, virtual workshops, e-blasts, and social media posts. Additional information on the survey including questions, distribution methods, and results are provided in Chapter 2 and Appendix 1.

The survey provided a picture of what co-benefits are most important to stakeholders. This communitywide valuation of co-benefits was then used to “weight” each measure’s co-benefit score. Thus, co-benefits that were most frequently selected across all stakeholders were given more weight in our evaluation to determine which measures would best achieve outcomes that our stakeholders value.

All individual stakeholder survey responses were weighted equally; thus, no individual respondent or groups were given priority in co-benefit weights. This practice is intended to represent a democratic process in defining which co-benefits is most important to stakeholders at-large, in alignment with procedural equity associated with broad community engagement.

Co-benefit weights were set at a scale between 1.0 and 2.0, where the co-benefit with the fewest selections was weighted at 1.0 and the co-benefit with the most selections was weighted at 2.0. By using this scale, no co-benefit scores were reduced as a result of weighting and were only increased to reflect community values. All co-benefits received a weight between 1.0 and 2.0 based on the number of selections in comparison to the minimum and maximum selections. A tabulation of co-benefit selections and the associated weight is shown in Table 4.

Table 4: Stakeholder Co-Benefit Survey Summary and Weighting

Strategic Initiative	Co-Benefit	Total Selections	Weight¹
Sustainability	Conserving land	460	1.90
	Conserving water	494	2.00
	Using fewer fossil fuels	243	1.23
	Reducing waste	298	1.40
Equity	Improving community health	430	1.80
	Improving walking, biking, rolling, and transit options	382	1.66
	Improving air quality	411	1.75
	Improving access to clean technology	295	1.39
Empower	Saving the taxpayer money	318	1.46
	Promoting a green economy	333	1.51



Strategic Initiative	Co-Benefit	Total Selections	Weight ¹
	Saving money on utility bills	458	1.89
	Expanding green workforce training	168	1.00
Community	Reducing wildfire risk	409	1.74
	Avoiding extra costs to the public	293	1.38
	Increasing energy reliability	334	1.51
Justice	Supporting community-driven projects	210	1.13
	Reducing GHG emissions quickly	180	1.04
	Prioritizing communities most at-risk to climate change	294	1.39

Notes:

¹ Weights shown are rounded to the nearest one-hundredth. Rounding was not applied within the Co-Benefit Evaluation Tool.

As shown in Table 4, the individual co-benefits that were identified as having the greatest value to the community were: conserving water; conserving land; improving community health; and improving air quality. On average, co-benefits associated with the Equity and Sustainability Initiatives were identified as having the greatest value to the community. Measures with greater positive impacts to co-benefits associated with Equity and Sustainability are anticipated to have higher community priority score.

Co-Benefit Evaluation Tool

Summary scores were generated for each CAP measure to show how each measure would positively impact co-benefits. Measures with higher scores typically reflect greater positive impacts on co-benefits that were identified as most valuable to community members. Summary scores from the evaluation tool process were summarized based on Strategic Initiatives, providing final “Strategic Initiative Scores” and “Community Priority Scores.” The process of calculating these summary scores included application of stakeholder co-benefit weights, normalizing co-benefit scores, and averaging normalized co-benefit scores across strategic initiative categories.

Weighted and Normalized Scoring

Individual co-benefits scores for all measures were multiplied by stakeholder weights for each co-benefit. After applying co-benefit weights, all scores were normalized to remain consistent with the 0 to 3 scale used initially to assign co-benefit scores. Through normalization, the maximum weighted score was scaled to equal 3, while all other scores were scaled consistent with this adjustment. In this use, the normalization process was done to provide a direct comparison of weighted scores to initial co-benefit scores.

In application, normalized scores were calculated using the following equation where “X” is the co-benefit scores, and the range of normalized scores is set between 0 and 3:



$$X_{Normalized} = \frac{(X_{Weighted} - X_{Min})(0 - 3)}{(X_{Max} - X_{Min})}$$

Summary Scores

After normalization, each collection of co-benefits was summarized into a single score for associated Strategic Initiatives (see Table 1). This process was followed for every CAP action. In some instances, a single CAP measure may have multiple associated actions that were included within the evaluation tool. For these measures, the Strategic Initiative score reflects an average score of the associated actions. Due to adjustments made during co-benefit weighting, the Strategic Initiative scores for each measure are greater for initiatives most valued by the community. The output for all Strategic Initiative Summary Scores is provided in Attachment B. For comparison purposes across measures, each measure’s score for a particular Strategic Initiative is shown in Table 5 through Table 9 in comparison to the maximum score for that Strategic Initiative (represented as percent of maximum score). The tables values shown below are represented in the CAP document (see the Co-Benefit graphic for each CAP measure in Chapter 4) based on the “quadrant” in which they fall (i.e., 0-25%, 25-50%, 50-75%, 75-100%) on a qualitative scale between Low and High.

Sustainability Strategic Initiative Scores

The summary scores for all measures under the Sustainability Strategic Initiative are shown in Table 5. This strategic initiative grouping is a summary of four co-benefits: conserving land; conserving water; using fewer fossil fuels; and reducing waste.

Table 5: Sustainability Strategic Initiative Scores

Maximum Score:		1.63
Measure		Score (% of maximum)
A-4	Incentivize carbon farming to expand carbon storage capacity in conventionally farmed agricultural land and support climate-friendly farming practices.	100%
A-3	Preserve agricultural lands to prioritize carbon storage and balance economic and development goals.	70%
W-2	Develop policies and programs to increase indoor and outdoor water conservation (including water efficiency, retention, recycling, and reuse) in new and existing development in the unincorporated area.	65%
W-1	Develop policies and programs to increase water efficiency, retention, recycling, and reuse to reduce potable water consumption in County operations.	65%
A-1	Acquire and manage conservation lands to preserve natural lands and maximize carbon storage potential.	65%
W-3	Develop programs to increase stormwater and wastewater treatment efficiency to reduce imported potable water use.	55%
SW-2	Achieve zero waste within the unincorporated area.	42%
SW-1	Achieve Zero Waste in County Operations.	42%
A-2	Develop a tree planting program that expands canopy across the unincorporated area and prioritizes underserved communities.	32%



T-3	Install electric vehicle charging stations and provide incentives for zero-emissions vehicles in the unincorporated area.	28%
A-5	Reduce GHG emissions from agricultural operations.	28%
T-2	Increase the use of low-carbon and zero-emission landscaping and off-road construction equipment in the unincorporated area.	28%
T-1	Reduce fleet and small equipment emissions in County Operations.	28%
E-1	Develop policies and programs to increase energy efficiency, renewable energy use, and electrification in County Operations.	28%
T-4	Reduce emissions from County employee commutes.	28%
T-6	Support transit and transportation demand management to reduce single occupancy vehicle trips in the unincorporated area	27%
E-2	Develop policies and programs to increase energy efficiency and electrification in the unincorporated area.	19%
E-3	Develop policies and programs to increase renewable energy use, generation, and storage in the unincorporated area.	13%
T-5	Improve County roadways to encourage walking, biking, rolling to/from transit and destinations and increase transportation efficiency.	12%
SW-3	Improve waste management practices at County-owned solid waste facilities to reduce emissions.	9%
SW-4	Improve waste management practices in the unincorporated area to reduce emissions and increase waste diversion.	9%

Equity Strategic Initiative Scores

The summary scores for all measures under the Equity Strategic Initiative are shown in Table 6. This strategic initiative grouping is a summary of four co-benefits: improving community health; improving walking, biking, rolling, and transit options; improving air quality; and improving access to clean technology.

Table 6: Equity Strategic Initiative Scores

Maximum Score:		2.04
Measure		Score (% of maximum)
T-6	Support transit and transportation demand management to reduce single occupancy vehicle trips in the unincorporated area	100%
T-5	Improve County roadways to encourage walking, biking, rolling to/from transit and destinations and increase transportation efficiency.	94%
A-2	Develop a tree planting program that expands canopy across the unincorporated area and prioritizes underserved communities.	81%
T-3	Install electric vehicle charging stations and provide incentives for zero-emissions vehicles in the unincorporated area.	80%
T-2	Increase the use of low-carbon and zero-emission landscaping and off-road construction equipment in the unincorporated area.	80%
A-1	Acquire and manage conservation lands to preserve natural lands and maximize carbon storage potential.	76%
T-1	Reduce fleet and small equipment emissions in County Operations.	71%



SW-4	Improve waste management practices in the unincorporated area to reduce emissions and increase waste diversion.	71%
E-2	Develop policies and programs to increase energy efficiency and electrification in the unincorporated area.	70%
E-3	Develop policies and programs to increase renewable energy use, generation, and storage in the unincorporated area.	69%
A-5	Reduce GHG emissions from agricultural operations.	69%
SW-3	Improve waste management practices at County-owned solid waste facilities to reduce emissions.	63%
T-4	Reduce emissions from County employee commutes.	61%
A-4	Incentivize carbon farming to expand carbon storage capacity in conventionally farmed agricultural land and support climate-friendly farming practices.	61%
A-3	Preserve agricultural lands to prioritize carbon storage and balance economic and development goals.	41%
SW-2	Achieve zero waste within the unincorporated area.	41%
W-2	Develop policies and programs to increase indoor and outdoor water conservation (including water efficiency, retention, recycling, and reuse) in new and existing development in the unincorporated area.	35%
W-1	Develop policies and programs to increase water efficiency, retention, recycling, and reuse to reduce potable water consumption in County operations.	30%
E-1	Develop policies and programs to increase energy efficiency, renewable energy use, and electrification in County Operations.	30%
SW-1	Achieve Zero Waste in County Operations.	30%
W-3	Develop programs to increase stormwater and wastewater treatment efficiency to reduce imported potable water use.	28%

Empower Strategic Initiative Scores

The summary scores for all measures under the Empower Strategic Initiative are shown in Table 7. This strategic initiative grouping is a summary of four co-benefits: saving taxpayer money; promoting a green economy; saving money on utility bills; and expanding green workforce training.

Table 7 Empower Strategic Initiative Scores

Maximum Score:		1.52
Measure		Score (% of maximum)
E-2	Develop policies and programs to increase energy efficiency and electrification in the unincorporated area.	100%
W-2	Develop policies and programs to increase indoor and outdoor water conservation (including water efficiency, retention, recycling, and reuse) in new and existing development in the unincorporated area.	90%
E-3	Develop policies and programs to increase renewable energy use, generation, and storage in the unincorporated area.	89%



T-3	Install electric vehicle charging stations and provide incentives for zero-emissions vehicles in the unincorporated area.	74%
A-4	Incentivize carbon farming to expand carbon storage capacity in conventionally farmed agricultural land and support climate-friendly farming practices.	69%
A-2	Develop a tree planting program that expands canopy across the unincorporated area and prioritizes underserved communities.	59%
T-2	Increase the use of low-carbon and zero-emission landscaping and off-road construction equipment in the unincorporated area.	53%
A-5	Reduce GHG emissions from agricultural operations.	53%
W-3	Develop programs to increase stormwater and wastewater treatment efficiency to reduce imported potable water use.	53%
T-6	Support transit and transportation demand management to reduce single occupancy vehicle trips in the unincorporated area	48%
T-1	Reduce fleet and small equipment emissions in County Operations.	45%
W-1	Develop policies and programs to increase water efficiency, retention, recycling, and reuse to reduce potable water consumption in County operations.	45%
E-1	Develop policies and programs to increase energy efficiency, renewable energy use, and electrification in County Operations.	45%
SW-2	Achieve zero waste within the unincorporated area.	41%
SW-1	Achieve Zero Waste in County Operations.	41%
SW-4	Improve waste management practices in the unincorporated area to reduce emissions and increase waste diversion.	33%
SW-3	Improve waste management practices at County-owned solid waste facilities to reduce emissions.	33%
A-3	Preserve agricultural lands to prioritize carbon storage and balance economic and development goals.	33%
A-1	Acquire and manage conservation lands to preserve natural lands and maximize carbon storage potential.	16%
T-4	Reduce emissions from County employee commutes.	12%
T-5	Improve County roadways to encourage walking, biking, rolling to/from transit and destinations and increase transportation efficiency.	6%

Community Strategic Initiative Scores

The summary scores for all measures under the Community Strategic Initiative are shown in Table 8. This strategic initiative grouping is a summary of three co-benefits: reducing wildfire risk; avoiding extra costs to the public; increasing energy reliability.

Table 8: Community Strategic Initiative Scores

Maximum Score:	0.98
Measure	Score (% of maximum)



A-4	Incentivize carbon farming to expand carbon storage capacity in conventionally farmed agricultural land and support climate-friendly farming practices.	100%
A-2	Develop a tree planting program that expands canopy across the unincorporated area and prioritizes underserved communities.	94%
A-1	Acquire and manage conservation lands to preserve natural lands and maximize carbon storage potential.	89%
T-3	Install electric vehicle charging stations and provide incentives for zero-emissions vehicles in the unincorporated area.	73%
W-2	Develop policies and programs to increase indoor and outdoor water conservation (including water efficiency, retention, recycling, and reuse) in new and existing development in the unincorporated area.	57%
E-3	Develop policies and programs to increase renewable energy use, generation, and storage in the unincorporated area.	56%
T-6	Support transit and transportation demand management to reduce single occupancy vehicle trips in the unincorporated area	49%
A-5	Reduce GHG emissions from agricultural operations.	47%
T-5	Improve County roadways to encourage walking, biking, rolling to/from transit and destinations and increase transportation efficiency.	38%
T-2	Increase the use of low-carbon and zero-emission landscaping and off-road construction equipment in the unincorporated area.	35%
W-1	Develop policies and programs to increase water efficiency, retention, recycling, and reuse to reduce potable water consumption in County operations.	30%
A-3	Preserve agricultural lands to prioritize carbon storage and balance economic and development goals.	30%
E-1	Develop policies and programs to increase energy efficiency, renewable energy use, and electrification in County Operations.	26%
SW-2	Achieve zero waste within the unincorporated area.	26%
SW-1	Achieve Zero Waste in County Operations.	26%
SW-4	Improve waste management practices in the unincorporated area to reduce emissions and increase waste diversion.	26%
SW-3	Improve waste management practices at County-owned solid waste facilities to reduce emissions.	26%
W-3	Develop programs to increase stormwater and wastewater treatment efficiency to reduce imported potable water use.	23%
E-2	Develop policies and programs to increase energy efficiency and electrification in the unincorporated area.	0%
T-1	Reduce fleet and small equipment emissions in County Operations.	0%
T-4	Reduce emissions from County employee commutes.	0%

Justice Strategic Initiative Scores

The summary scores for all measures under the Sustainability Strategic Initiative are shown in Table 9. This strategic initiative grouping is a summary of three co-benefits: supporting community-driven projects; reducing GHG emissions quickly; and prioritizing communities most at-risk to climate change.



Table 9: Justice Strategic Initiative Scores

Maximum Score:		1.78
Measure		Score (% of maximum)
T-3	Install electric vehicle charging stations and provide incentives for zero-emissions vehicles in the unincorporated area.	100%
W-3	Develop programs to increase stormwater and wastewater treatment efficiency to reduce imported potable water use.	79%
A-4	Incentivize carbon farming to expand carbon storage capacity in conventionally farmed agricultural land and support climate-friendly farming practices.	67%
T-6	Support transit and transportation demand management to reduce single occupancy vehicle trips in the unincorporated area	66%
T-5	Improve County roadways to encourage walking, biking, rolling to/from transit and destinations and increase transportation efficiency.	62%
A-2	Develop a tree planting program that expands canopy across the unincorporated area and prioritizes underserved communities.	61%
A-5	Reduce GHG emissions from agricultural operations.	56%
T-2	Increase the use of low-carbon and zero-emission landscaping and off-road construction equipment in the unincorporated area.	48%
E-3	Develop policies and programs to increase renewable energy use, generation, and storage in the unincorporated area.	45%
A-1	Acquire and manage conservation lands to preserve natural lands and maximize carbon storage potential.	41%
SW-2	Achieve zero waste within the unincorporated area.	31%
W-1	Develop policies and programs to increase water efficiency, retention, recycling, and reuse to reduce potable water consumption in County operations.	30%
A-3	Preserve agricultural lands to prioritize carbon storage and balance economic and development goals.	30%
E-2	Develop policies and programs to increase energy efficiency and electrification in the unincorporated area.	30%
E-1	Develop policies and programs to increase energy efficiency, renewable energy use, and electrification in County Operations.	29%
SW-1	Achieve Zero Waste in County Operations.	29%
SW-3	Improve waste management practices at County-owned solid waste facilities to reduce emissions.	29%
T-1	Reduce fleet and small equipment emissions in County Operations.	29%
W-2	Develop policies and programs to increase indoor and outdoor water conservation (including water efficiency, retention, recycling, and reuse) in new and existing development in the unincorporated area.	29%
T-4	Reduce emissions from County employee commutes.	19%
SW-4	Improve waste management practices in the unincorporated area to reduce emissions and increase waste diversion.	10%



Community Priority Scores

Strategic Initiative scores for each measure were summarized into a final Community Priority Score. These scores provide the final evaluation of a measure’s positive impact on all co-benefits with particular value towards those with greater impacts to co-benefits most valued to the community. Final scores are shown on a scale from 0 to 10, where 10 reflects the measure with the greatest direct impact to co-benefits most valued by the community. Community Priority Scores and qualitative ranks are shown in Table 10, and additional information, including the summary scores used to generate Community Priority Scores, is provided in Attachment B.

Table 10: CAP Measure Community Priority Scores

Measure		Community Priority Score
A-4	Incentivize carbon farming to expand carbon storage capacity in conventionally farmed agricultural land and support climate-friendly farming practices.	10.0
T-3	Install electric vehicle charging stations and provide incentives for zero-emissions vehicles in the unincorporated area.	9.4
A-2	Develop a tree planting program that expands canopy across the unincorporated area and prioritizes underserved communities.	8.3
T-6	Support transit and transportation demand management to reduce single occupancy vehicle trips in the unincorporated area	8.0
A-1	Acquire and manage conservation lands to preserve natural lands and maximize carbon storage potential.	7.3
E-3	Develop policies and programs to increase renewable energy use, generation, and storage in the unincorporated area.	7.1
W-2	Develop policies and programs to increase indoor and outdoor water conservation (including water efficiency, retention, recycling, and reuse) in new and existing development in the unincorporated area.	6.9
A-5	Reduce GHG emissions from agricultural operations.	6.8
T-2	Increase the use of low-carbon and zero-emission landscaping and off-road construction equipment in the unincorporated area.	6.7
W-3	Develop programs to increase stormwater and wastewater treatment efficiency to reduce imported potable water use.	6.4
E-2	Develop policies and programs to increase energy efficiency and electrification in the unincorporated area.	6.2
T-5	Improve County roadways to encourage walking, biking, rolling to/from transit and destinations and increase transportation efficiency.	6.0
A-3	Preserve agricultural lands to prioritize carbon storage and balance economic and development goals.	5.4
W-1	Develop policies and programs to increase water efficiency, retention, recycling, and reuse to reduce potable water consumption in County operations.	5.2
T-1	Reduce fleet and small equipment emissions in County Operations.	5.1
SW-2	Achieve zero waste within the unincorporated area.	4.8



SW-3	Improve waste management practices at County-owned solid waste facilities to reduce emissions.	4.4
SW-1	Achieve Zero Waste in County Operations.	4.4
E-1	Develop policies and programs to increase energy efficiency, renewable energy use, and electrification in County Operations.	4.2
SW-4	Improve waste management practices in the unincorporated area to reduce emissions and increase waste diversion.	4.2
T-4	Reduce emissions from County employee commutes.	3.7

Evaluation Purpose and Outcomes

As described throughout this process, co-benefits are an important way for the County to understand priorities for implementing measures and actions. While all CAP measures will create a variety of co-benefits supporting the County’s Strategic Initiatives, the value of each co-benefit can differ across individuals and groups within the community. The evaluation tool was created to highlight which CAP measures would have the greatest positive impact on co-benefits most valued by stakeholders at-large. The intent of the evaluation tool is not to remove measures from consideration, but rather to help prioritize the timeline and manner in which measures and actions to fund and implement.

High Score Summary

Through evaluation of co-benefits and weighting stakeholder values, the five highest scoring measures include:

1. Measure A-4: Incentivize carbon farming to expand carbon storage capacity in conventionally farmed agricultural land and support climate-friendly farming practices.
2. Measure T-3: Install electric vehicle charging stations and provide incentives for zero-emissions vehicles in the unincorporated area.
3. Measure A-2: Develop a tree planting program that expands canopy across the unincorporated area and prioritizes underserved communities.
4. Measure T-6: Support transit and transportation demand management to reduce single occupancy vehicle trips in the unincorporated area.
5. Measure A-1: Acquire and manage conservation lands to preserve natural lands and maximize carbon storage potential.

These top five measures are reflective of the input received from stakeholders on which co-benefits are most important to them, which included: conserving water; conserving land; improving community health; and improving air quality. Measures A-4 and A-1 are key strategies to conserve land in the unincorporated area and support improved air quality, and Measure A-4 specifically would also indirectly support water conservation through improved practices. Measures T-3 and T-6 are important transportation measures to reduce emissions from gas-powered vehicles thereby improving community health and air quality. Measure A-2 would greatly improve community health in unincorporated communities and could support water conservation through improved urban area designs that reduce runoff.



Environmental Justice and Equity

As described in Chapter 2, public input is a foundation of the County's CAP. Procedural equity was an integral part of CAP Update community engagement efforts by encouraging participation from individuals and groups that may be underrepresented or underrecognized in the County's planning processes.

The Board of Supervisors direction in preparing this CAP was to develop a CAP that sets clear goals and metrics to attain environmental justice and equity. The evaluation tool, in combination with the extensive outreach and engagement efforts, are intended to achieve this vision. When paired with this outreach, procedural equity is built into the evaluation tool through each individual vote being equal within the weighting process. With over 6,000 co-benefit weighting selections included in the stakeholder weighting process, the weights are intended to reflect the broader community and remove potential skewing that could result from large organizations or more vocal individuals putting a thumb on this weighting scale.

This evaluation tool is not intended to serve as the end goal of this process, but rather set a starting point from which CAP measure implementation can occur and be informed by community values. The evaluation tool provides a metric that can be used to inform which measures achieve co-benefits most valued by stakeholders, regardless of the magnitude of GHG reductions achieved. The scoring outputs from the evaluation tool represent a procedural equity approach of creating outreach and engagement processes that are transparent, fair, and inclusive and opportunities for engagement in decision-making. These outputs provide an additional consideration when determining when and how to implement measures and actions beyond GHG reduction benefits or ease of implementation. At large, co-benefits outlined through this process provide the same benefits to all stakeholders and community members. The evaluation tool is not meant to address full equitable implementation of measures or achieve outcomes, but sets a baseline procedural component from which distributional and structural equity decisions can be informed. The outputs are complementary to the equity-based objectives identified for each measure and are the beginning point of a continuum of integrating equity into the CAP process. Additional next steps for ensuring structural and distributional equity are achieved is outlined in Appendix 1.

The evaluation tool and survey also provide a baseline metric for evaluating CAP implementation effectiveness. As CAP measures are implemented, continued co-benefit evaluation can indicate community interest towards these co-benefits and whether they are seen as being achieved through implementation. Additionally, the co-benefits provide overarching tracking metrics that can be used to quantitatively assess CAP implementation. For example, some co-benefits like saving money on utility bills or improving air quality could be used as indicators over time as broad metrics to assess overall CAP implementation.



Attachment A
CAP Action Co-Benefit Scores



Solid Waste Measures – Co-Benefit Evaluation

Strategy SW-1.1	Achieve Zero Waste in County Operations.	
Action	Adopt a County Operations zero waste policy to achieve zero waste (90% diversion) by 2030.	
Co-Benefit	Rating	Reasoning
Conserving land	0	No impact.
Conserving water	0	No impact.
Using fewer fossil fuels	1	Producing less waste means less transportation of waste/goods. Diversion away from potential fossil fuel use at processing facilities.
Reducing waste	3	Measure would directly reduce waste.
Improving community health	0	No impact.
Improving walking, biking, rolling, and transit options	0	No impact.
Improving air quality	2	Action to reduce waste would have indirect benefit from reduce emissions from landfills and associated solid waste transportation.
Improving access to clean technology	1	streamlined processes for waste-to-energy.
Saving the taxpayer money	0	No impact.
Promoting a green economy	2	Potential to generate new jobs.
Saving money on utility bills	0	No impact.
Expanding green workforce training	2	Potential to generate new jobs and associated training.
Reducing wildfire risk	0	No impact.
Avoiding extra costs to the public	0	No impact.
Increasing energy reliability	1	Waste-to-energy processes increase energy availability.
Supporting community-driven projects	0	No impact.
Reducing GHG emissions quickly	3	Immediate reduction in GHG emissions through diversion.
Prioritizing communities most at-risk to climate change	0	No impact.



Strategy SW-2.1	Achieve zero waste within the unincorporated county.	
Action	Update the County's Strategic Plan to Reduce Waste to include strategies to achieve 80% diversion by 2030 and zero waste (90% diversion) by 2045.	
Co-Benefit	Rating	Reasoning
Conserving land	0	No impact.
Conserving water	0	No impact.
Using fewer fossil fuels	1	Unknown potential to reduce fossil fuel consumption associated with solid waste collection and transfer.
Reducing waste	3	Directly reduces waste generation.
Improving community health	1	Long-term impact on reduced blight and litter. May provide access to proper disposal facilities.
Improving walking, biking, rolling, and transit options	0	No impact.
Improving air quality	2	Indirect impact through reduced waste decomposition at landfills.
Improving access to clean technology	1	Potential to increase investment in recycling or reuse technologies.
Saving the taxpayer money	0	No impact.
Promoting a green economy	2	Indirect impact supporting green jobs related to waste diversion.
Saving money on utility bills	0	No impact.
Expanding green workforce training	2	Indirect impact supporting green jobs and associated trainings.
Reducing wildfire risk	0	No impact.
Avoiding extra costs to the public	0	No impact.
Increasing energy reliability	1	Potential impact to waste-to-energy.
Supporting community-driven projects	2	Community support for composting, waste diversion, and circular economies
Reducing GHG emissions quickly	1	Downstream impacts but reliant on others to implement. Limited control.
Prioritizing communities most at-risk to climate change	0	No impact.



Strategy SW-3.1	Improve waste management practices at County-owned solid waste facilities to reduce emissions	
Action	Expand landfill gas systems at County-owned landfills to exceed State requirements by 5% by 2030 and 10% by 2045.	
Co-Benefit	Rating	Reasoning
Conserving land	0	No impact.
Conserving water	0	No impact.
Using fewer fossil fuels	1	Very downstream replacement of fossil fuel use in certain activities
Reducing waste	0	No impact.
Improving community health	2	Can support reduced emission seepage in soil/water
Improving walking, biking, rolling, and transit options	0	No impact.
Improving air quality	3	Directly improves air quality through fugitive emission reduction.
Improving access to clean technology	1	Potential to support increased market demand.
Saving the taxpayer money	0	No impact.
Promoting a green economy	2	Expand job opportunity through investment in facilities
Saving money on utility bills	0	No impact.
Expanding green workforce training	1	If opportunity for job maybe more training
Reducing wildfire risk	0	No impact.
Avoiding extra costs to the public	0	No impact.
Increasing energy reliability	1	Barriers from utility companies, may not produce enough to create reasonable amount of energy
Supporting community-driven projects	0	No impact.
Reducing GHG emissions quickly	3	Direct County control over implementation.
Prioritizing communities most at-risk to climate change	0	No impact.



Strategy SW-4.1	Improve waste management practices in the unincorporated area to reduce emissions and increase waste diversion		
Action	Conduct a feasibility study and implement a landfill gas system pilot project at privately managed landfills by 2030 to exceed State requirements by 10% by 2045 in the incorporated area.		
Co-Benefit	Rating	Reasoning	
Conserving land	0	No impact.	
Conserving water	0	No impact.	
Using fewer fossil fuels	1	Potential to support waste-to-energy.	
Reducing waste	0	No impact.	
Improving community health	2	Indirect impact to reduce litter and blight.	
Improving walking, biking, rolling, and transit options	0	No impact.	
Improving air quality	3	Directly reduces fugitive emission reduction.	
Improving access to clean technology	2	Incentives direct to private landfill owners	
Saving the taxpayer money	0	No impact.	
Promoting a green economy	2	Potential to support increased market demand.	
Saving money on utility bills	0	No impact.	
Expanding green workforce training	1	Minor potential change to available green workforce jobs and training.	
Reducing wildfire risk	0	No impact.	
Avoiding extra costs to the public	0	Incentives are for private landfills not public – keeping at 0	
Increasing energy reliability	1	Potential to support energy-to-waste.	
Supporting community-driven projects	0	No impact.	
Reducing GHG emissions quickly	1	No direct County control, but once in place immediate reductions	
Prioritizing communities most at-risk to climate change	0	No impact.	



Water and Wastewater Measures – Co-Benefit Evaluation

Strategy W-1.1	Develop policies and programs to increase water efficiency, retention, recycling, and reuse to reduce potable water consumption in County operations.	
Action	Implement the County’s Water Efficiency Plan to require water-efficiency measures in new and existing County buildings/operations to reduce potable water use by 19% by 2030.	
Co-Benefit	Rating	Reasoning
Conserving land	0	No impact.
Conserving water	3	Directly conserves water.
Using fewer fossil fuels	2	Indirectly reduces fossil fuel use through reduce water conveyance.
Reducing waste	0	No impact.
Improving community health	1	County landscaping
Improving walking, biking, rolling, and transit options	0	No impact.
Improving air quality	1	Reducing fossil fuels and landscaping
Improving access to clean technology	1	Building market demand
Saving the taxpayer money	1	Reduced water budget for County operations over time
Promoting a green economy	2	Indirect market influence for green products or practices.
Saving money on utility bills	0	No impact.
Expanding green workforce training	1	Potential impact to green job availability and training.
Reducing wildfire risk	1	Native/low-water landscaping
Avoiding extra costs to the public	0	No impact.
Increasing energy reliability	0	No impact.
Supporting community-driven projects	1	Native Plants Board Policy
Reducing GHG emissions quickly	2	Many associated actions have already been implemented to-date.
Prioritizing communities most at-risk to climate change	0	No impact.



Strategy W-2.1	Develop policies and programs to increase indoor and outdoor water conservation (including water efficiency, retention, recycling, and reuse) in new and existing development in the unincorporated area.	
Action	Amend the County's Code of Regulatory Ordinances by 2026 to require (Tier 2) CALGreen water efficiency requirements and reduced outdoor water use for landscaping requirements for new development to reduce potable water consumption from new development by 17% in the unincorporated area.	
Co-Benefit	Rating	Reasoning
Conserving land	0	No impact.
Conserving water	3	Directly conserves water.
Using fewer fossil fuels	2	Indirect reduction in fossil fuel use through reduced conveyance.
Reducing waste	0	No impact.
Improving community health	1	Potential impact to potable water available which can positively benefit community health
Improving walking, biking, rolling, and transit options	0	No impact.
Improving air quality	1	Potential to improve air quality by reducing dust through native plants/landscaping.
Improving access to clean technology	2	Indirectly supports clean technology markets.
Saving the taxpayer money	0	No impact.
Promoting a green economy	3	Directly promotes green jobs and resources.
Saving money on utility bills	3	Directly saves money on utility bills.
Expanding green workforce training	2	Indirectly expands training through green job promotion.
Reducing wildfire risk	1	Potential to reduce wildfire risks associated with landscaping practices.
Avoiding extra costs to the public	0	No impact.
Increasing energy reliability	0	No impact.
Supporting community-driven projects	0	No impact.
Reducing GHG emissions quickly	2	Regulatory, but scope might be small
Prioritizing communities most at-risk to climate change	0	No impact.



Strategy W-2.2	Develop policies and programs to increase indoor and outdoor water conservation (including water efficiency, retention, recycling, and reuse) in new and existing development in the unincorporated area.	
Action	Amend the County's Code of Regulatory Ordinances by 2026 to require (Tier 2) CALGreen water efficiency requirements for existing development projects with qualifying improvements.	
Co-Benefit	Rating	Reasoning
Conserving land	0	No impact.
Conserving water	3	Directly conserves water.
Using fewer fossil fuels	2	Indirect reduction in fossil fuel use through reduced conveyance.
Reducing waste	0	No impact.
Improving community health	1	Potential impact to potable water available which can positively benefit community health
Improving walking, biking, rolling, and transit options	0	No impact.
Improving air quality	1	Potential to improve air quality by reducing dust through native plants/landscaping.
Improving access to clean technology	2	Indirectly supports clean technology markets.
Saving the taxpayer money	0	No impact.
Promoting a green economy	3	Directly promotes green jobs and resources.
Saving money on utility bills	3	Directly saves money on utility bills.
Expanding green workforce training	2	Indirectly expands training through green job promotion.
Reducing wildfire risk	1	Potential to reduce wildfire risks associated with landscaping practices.
Avoiding extra costs to the public	0	No impact.
Increasing energy reliability	0	No impact.
Supporting community-driven projects	0	No impact.
Reducing GHG emissions quickly	2	Regulatory, but scope might be small
Prioritizing communities most at-risk to climate change	0	No impact.



Strategy W-2.3	Develop policies and programs to increase indoor and outdoor water conservation (including water efficiency, retention, recycling, and reuse) in new and existing development in the unincorporated area.	
Action	Update the Green Building Incentive program to include incentives for water efficiency, conservation, and reuse improvements for new and existing development to reduce potable water consumption in the unincorporated area.	
Co-Benefit	Rating	Reasoning
Conserving land	0	No impact.
Conserving water	3	Directly conserves water.
Using fewer fossil fuels	2	Indirectly reduces fossil fuel use through reduced water conveyance.
Reducing waste	0	No impact.
Improving community health	1	Potential impact to potable water available which can positively benefit community health
Improving walking, biking, rolling, and transit options	0	No impact.
Improving air quality	1	Potential to improve air quality through dust reduction.
Improving access to clean technology	1	Incentive, not regulatory
Saving the taxpayer money	0	No impact.
Promoting a green economy	2	Incentive, not regulatory
Saving money on utility bills	3	Direct reduction in utility bill cost.
Expanding green workforce training	1	Incentive, not regulatory
Reducing wildfire risk	0	No impact.
Avoiding extra costs to the public	3	Incentive provides immediate cost savings to public.
Increasing energy reliability	0	No impact.
Supporting community-driven projects	1	Incentive-based as opposed to regulatory
Reducing GHG emissions quickly	1	Incentive, not regulatory
Prioritizing communities most at-risk to climate change	1	Incentives could be structured to prioritize these communities getting involved



Strategy W-2.4	Develop policies and programs to increase indoor and outdoor water conservation (including water efficiency, retention, recycling, and reuse) in new and existing development in the unincorporated county.	
Action	Implement the Waterscape Rebate Program to incentivize water efficiency and conservation to reduce outdoor water consumption in the unincorporated area.	
Co-Benefit	Rating	Reasoning
Conserving land	0	No impact.
Conserving water	3	Directly conserves water
Using fewer fossil fuels	2	Indirectly reduces fossil fuel use by reducing water conveyance.
Reducing waste	0	No impact.
Improving community health	1	Potential to improve community health through increase potable water availability.
Improving walking, biking, rolling, and transit options	0	No impact.
Improving air quality	1	Potential to improve air quality through dust reduction.
Improving access to clean technology	1	Incentive, not regulatory
Saving the taxpayer money	0	No impact.
Promoting a green economy	2	Incentive, not regulatory
Saving money on utility bills	3	Direct reduction in utility bill cost.
Expanding green workforce training	1	Incentive, not regulatory
Reducing wildfire risk	1	Potential to reduce wildfire risk through landscaping.
Avoiding extra costs to the public	3	Incentive provides direct cost reduction to public.
Increasing energy reliability	0	No impact.
Supporting community-driven projects	2	Accessible to anyone, not just those who are making home improvements
Reducing GHG emissions quickly	1	Incentive, not regulatory
Prioritizing communities most at-risk to climate change	1	Implementation potential.



Strategy W-3.1	Develop programs to increase stormwater and wastewater treatment efficiency to reduce imported potable water use in the unincorporated area	
Action	Increase wastewater treatment efficiency through the East County Advanced Water Purification Program.	
Co-Benefit	Rating	Reasoning
Conserving land	0	No impact.
Conserving water	3	Directly conserves water.
Using fewer fossil fuels	1	Potential to reduce overall energy generated required to treat and convey water.
Reducing waste	0	No impact.
Improving community health	1	More access to water locally, less risk of water stress
Improving walking, biking, rolling, and transit options	0	No impact.
Improving air quality	0	No impact.
Improving access to clean technology	2	Indirectly promotes clean technology through increased project education/exposure.
Saving the taxpayer money	0	No impact.
Promoting a green economy	3	Directly promotes green economy.
Saving money on utility bills	0	No impact.
Expanding green workforce training	2	Indirectly promotes green workforce training to support green economy jobs.
Reducing wildfire risk	0	No impact.
Avoiding extra costs to the public	1	Potential behavior change that could reduce consumer water cost
Increasing energy reliability	0	No impact.
Supporting community-driven projects	1	Potential to support broader community desires for water conservation and local water supplies.
Reducing GHG emissions quickly	3	Directly reduces GHG emissions and under County control/investment.
Prioritizing communities most at-risk to climate change	3	Communities with water issues will have local availability



Agriculture and Conservation Measures – Co-Benefit Evaluation

Strategy A-1.1	Acquire and manage conservation lands to preserve natural lands and maximize carbon storage potential in the unincorporated area.	
Action	Acquire 11,000 acres of conservation lands by 2030 and 1,000 acres per year thereafter to preserve land in perpetuity.	
Co-Benefit	Rating	Reasoning
Conserving land	3	Directly conserves land
Conserving water	2	Indirectly by avoiding development water use and continued ground water recharge.
Using fewer fossil fuels	2	Indirectly by avoiding development and associated fossil fuel use.
Reducing waste	2	Indirectly by avoiding development and associated waste generation.
Improving community health	3	Reducing noise and planting more trees
Improving walking, biking, rolling, and transit options	0	No impact.
Improving air quality	3	Directly improves air quality.
Improving access to clean technology	0	No impact.
Saving the taxpayer money	0	No impact.
Promoting a green economy	0	No impact.
Saving money on utility bills	0	No impact.
Expanding green workforce training	2	Indirectly through land management
Reducing wildfire risk	2	Indirectly through land management
Avoiding extra costs to the public	0	No impact.
Increasing energy reliability	0	No impact.
Supporting community-driven projects	2	Directly supported by community groups.
Reducing GHG emissions quickly	2	Direct County control and immediate benefit through avoidance of future emissions
Prioritizing communities most at-risk to climate change	0	No impact.



Strategy A-1.2	Acquire and manage conservation lands to preserve natural lands and maximize carbon storage potential in the unincorporated area.		
Action	Develop a Habitat Restoration Resource Management Framework for County-owned land and restore 480 acres by 2030 and 80 acres per year thereafter to increase carbon storage.		
Co-Benefit	Rating	Reasoning	
Conserving land	2	Already preserved land as opposed to new land conserved	
Conserving water	1	Potential water conservation through restoration and groundwater recharge.	
Using fewer fossil fuels	1	Potential fossil fuel use reduction through avoided development.	
Reducing waste	1	Potential waste reduction through avoided development.	
Improving community health	3	Direct benefit to community health through natural lands and recreation.	
Improving walking, biking, rolling, and transit options	1	Potential improvement if associated with parks with trails	
Improving air quality	3	Directly air quality improvement.	
Improving access to clean technology	0	No impact.	
Saving the taxpayer money	0	No impact.	
Promoting a green economy	0	No impact.	
Saving money on utility bills	0	No impact.	
Expanding green workforce training	2	Indirectly through restoration and management.	
Reducing wildfire risk	3	Directly if inclusive of wildfire risk reduction actions	
Avoiding extra costs to the public	0	No impact.	
Increasing energy reliability	0	No impact.	
Supporting community-driven projects	2	Stakeholder support	
Reducing GHG emissions quickly	2	Framework will include activities to increase carbon sequestration	
Prioritizing communities most at-risk to climate change	0	No impact.	



Strategy A-2.1	Develop a tree planting program that expands canopy across the unincorporated area and prioritizes underserved communities.		
Action	Expand the County's existing tree planting initiative and implement the Equity Driven Tree Planting Program to plant 87,539 trees by 2030 and 4,150 trees per year thereafter on County property and in the unincorporated area.		
Co-Benefit	Rating	Reasoning	
Conserving land	1	If planting in public-owned lands could be preserving that land	
Conserving water	1	Possibility for water capture; drought tolerant plants as opposed to more water-intensive plants	
Using fewer fossil fuels	1	Replacing potential use of concrete	
Reducing waste	0	No impact.	
Improving community health	3	Direct community health benefit.	
Improving walking, biking, rolling, and transit options	2	Indirectly increases desirability to walk around.	
Improving air quality	3	Direct air quality improvement.	
Improving access to clean technology	0	No impact.	
Saving the taxpayer money	0	No impact.	
Promoting a green economy	1	Potential through associated planning and maintenance.	
Saving money on utility bills	2	Indirectly through lowered utility costs by reducing urban heat island	
Expanding green workforce training	1	Potential through associated maintenance activities.	
Reducing wildfire risk	2	Indirectly through improvement maintenance.	
Avoiding extra costs to the public	3	Direct benefit.	
Increasing energy reliability	0	No impact.	
Supporting community-driven projects	3	Community support through outreach.	
Reducing GHG emissions quickly	2	County control over implementation, other planning and maintenance hurdles makes benefit indirect.	
Prioritizing communities most at-risk to climate change	3	Directly prioritizes at-risk communities.	



Strategy A-2.2	Develop a tree planting program that expands canopy across the unincorporated area and prioritizes underserved communities.	
Action	Implement the County’s Landscaping Ordinance to require tree planting in new single family residential development in the unincorporated area.	
Co-Benefit	Rating	Reasoning
Conserving land	1	Potential through space requirements on private lands.
Conserving water	0	No impact.
Using fewer fossil fuels	1	Potential through reduced maintenance.
Reducing waste	0	No impact.
Improving community health	3	Direct benefit.
Improving walking, biking, rolling, and transit options	1	Potential through improved alternative mode comfort.
Improving air quality	3	Direct benefit.
Improving access to clean technology	0	No impact.
Saving the taxpayer money	0	No impact.
Promoting a green economy	1	Potential to increase through needed maintenance, planning, and enforcement.
Saving money on utility bills	3	Directly on homes
Expanding green workforce training	1	Potential through associated new jobs.
Reducing wildfire risk	2	Indirectly through native plants.
Avoiding extra costs to the public	0	No impact.
Increasing energy reliability	0	No impact.
Supporting community-driven projects	0	No impact.
Reducing GHG emissions quickly	2	County control for ordinance development but requires private development to implement.
Prioritizing communities most at-risk to climate change	1	Potential to benefit at-risk communities if streamlined.



Strategy A-3.1	Preserve agricultural lands to prioritize carbon storage and balance economic and development goals.	
Action	Continue to implement the Purchase of Agricultural Conservation Easement (PACE) Program to preserve 6,058 acres of agricultural land by 2030 and 400 acres per year thereafter.	
Co-Benefit	Rating	Reasoning
Conserving land	3	Directly conserves land.
Conserving water	1	Potential to use practices that increase water retention.
Using fewer fossil fuels	0	No impact.
Reducing waste	1	Potential to use compost/mulch.
Improving community health	2	Indirectly preserves ag and food access.
Improving walking, biking, rolling, and transit options	0	No impact.
Improving air quality	1	Potential improvement contingent on operations.
Improving access to clean technology	1	Potential to connect to carbon farming
Saving the taxpayer money	0	No impact.
Promoting a green economy	2	Indirectly promotes circular economy and associated RDF policies.
Saving money on utility bills	0	No impact.
Expanding green workforce training	1	Potential to promotes circular economy and associated training.
Reducing wildfire risk	1	Potential through prescribed grazing.
Avoiding extra costs to the public	0	No impact.
Increasing energy reliability	0	No impact.
Supporting community-driven projects	1	There is strong interest in maintaining current ag lands.
Reducing GHG emissions quickly	2	Direct County control.
Prioritizing communities most at-risk to climate change	0	No impact.



Strategy A-4.1	Incentivize carbon farming to expand carbon storage capacity on agricultural land and support climate-friendly farming practices in the unincorporated area.	
Action	Develop a Carbon Farming Program to increase carbon sequestration on 3,000 acres by 2030 and 36,214 acres by 2045.	
Co-Benefit	Rating	Reasoning
Conserving land	2	Indirect through incentivizing land conservation
Conserving water	2	Indirect through land conservation and water recharge.
Using fewer fossil fuels	2	Indirect through improved management practices.
Reducing waste	2	Indirect through improved management practices.
Improving community health	2	Indirect through improved management practices.
Improving walking, biking, rolling, and transit options	0	No impact.
Improving air quality	2	Indirect through improved management practices.
Improving access to clean technology	2	Indirect by increasing use of clean technologies.
Saving the taxpayer money	0	No impact.
Promoting a green economy	3	Directly promotes green economy.
Saving money on utility bills	1	Potential for water retention
Expanding green workforce training	2	Indirect through green economy promotion.
Reducing wildfire risk	1	Potential through improved management practices.
Avoiding extra costs to the public	3	Direct cost reduction.
Increasing energy reliability	0	No impact.
Supporting community-driven projects	2	Indirectly supports other community-driven projects related to carbon sequestration.
Reducing GHG emissions quickly	2	Direct and immediate reductions through carbon sequestration.
Prioritizing communities most at-risk to climate change	2	Farmers are at-risk to climate change; increases food access.



Strategy A-5.1	Reduce greenhouse gas emissions from agricultural operations.	
Action	Develop a program to incentivize a transition to cleaner fuels and the efficient use of energy to reduce agricultural operations emissions in the unincorporated area.	
Co-Benefit	Rating	Reasoning
Conserving land	0	No impact.
Conserving water	0	No impact.
Using fewer fossil fuels	3	Direct reduction in fossil fuel use.
Reducing waste	0	No impact.
Improving community health	1	Potential to improve community health through air quality improvements.
Improving walking, biking, rolling, and transit options	0	No impact.
Improving air quality	3	Directly improves air quality.
Improving access to clean technology	3	Directly improves access to clean technology.
Saving the taxpayer money	0	No impact.
Promoting a green economy	3	Directly promotes green economy.
Saving money on utility bills	0	No impact.
Expanding green workforce training	2	Indirectly through promotion of green economy.
Reducing wildfire risk	0	No impact.
Avoiding extra costs to the public	2	Indirectly through incentives.
Increasing energy reliability	0	No impact.
Supporting community-driven projects	1	Potential support of broader community support of food access and sequestration.
Reducing GHG emissions quickly	2	Indirectly through private implementation through County incentive.
Prioritizing communities most at-risk to climate change	2	Farmers are at-risk community



Energy Measures – Co-Benefit Evaluation

Strategy E-1.1	Develop policies and programs to increase energy efficiency, renewable energy use, and electrification in County Operations.	
Action	Implement the County Facilities Zero Carbon Portfolio Plan to achieve 90% reduction in operational carbon emissions by 2030 through building electrification and zero net energy construction, energy efficiency, energy management, and renewable energy use and generation.	
Co-Benefit	Rating	Reasoning
Conserving land	0	No impact.
Conserving water	0	No impact.
Using fewer fossil fuels	3	Direct reduction in fossil fuel use.
Reducing waste	0	No impact.
Improving community health	1	Potential community health improvement through improved
Improving walking, biking, rolling, and transit options	0	No impact.
Improving air quality	1	Potential to improve air quality through reduction in energy generation needs.
Improving access to clean technology	1	Potential to improve clean technology access through construction, management, and use practices.
Saving the taxpayer money	1	Potential to save the taxpayer money through reduced operations costs.
Promoting a green economy	2	Indirectly through new practices.
Saving money on utility bills	0	No impact.
Expanding green workforce training	1	Potential to expand green workforce training through increased need for new practices.
Reducing wildfire risk	0	No impact.
Avoiding extra costs to the public	0	No impact.
Increasing energy reliability	1	Potential to increase energy reliability by reducing operational energy demand.
Supporting community-driven projects	0	No impact.
Reducing GHG emissions quickly	3	Reducing energy consumption directly reduces emissions.
Prioritizing communities most at-risk to climate change	0	No impact.



Strategy E-2.1	Develop policies and programs to increase energy efficiency and electrification in the unincorporated area.	
Action	Amend the County's Code of Regulatory Ordinances by 2026 to require all-electric new residential, commercial, and industrial construction to reduce energy emissions from new development in the unincorporated area.	
Co-Benefit	Rating	Reasoning
Conserving land	0	No impact.
Conserving water	0	No impact.
Using fewer fossil fuels	2	Lessens future demand of fossil fuels in new development but does not directly reduce existing consumption.
Reducing waste	0	No impact.
Improving community health	3	Directly improves community health by reducing exposure to indoor pollutants.
Improving walking, biking, rolling, and transit options	0	No impact.
Improving air quality	1	Potential to improve air quality through reduce fuel use at end uses, but may increase fuel consumption at electricity generation sources.
Improving access to clean technology	3	Directly provides access to clean technologies required to meet all-electric.
Saving the taxpayer money	0	No impact.
Promoting a green economy	3	Directly promotes green economy through requirement of new technologies.
Saving money on utility bills	3	Directly saves money on utility bills by reducing infrastructure needs for new construction.
Expanding green workforce training	2	Indirectly expands green workforce training through new technology and construction needs.
Reducing wildfire risk	0	No impact.
Avoiding extra costs to the public	0	No impact.
Increasing energy reliability	0	No impact.
Supporting community-driven projects	1	Community support for electrification at-large.
Reducing GHG emissions quickly	2	Action is regulatory. Scope might be small.
Prioritizing communities most at-risk to climate change	0	No impact.



Strategy E-2.2	Develop policies and programs to increase energy efficiency and electrification in the unincorporated area.	
Action	<p>Increase energy efficiency and electrification in existing development in the unincorporated area by:</p> <ul style="list-style-type: none"> - Amending the County's Code of Regulatory Ordinances by 2026 to require (Tier 2) CALGreen energy efficiency requirements for existing development projects with qualifying improvements. - Adopting a Building Energy Performance Standard for commercial and multi-family residential properties. - Developing a program to incentivize building electrification and energy efficiency. 	
Co-Benefit	Rating	Reasoning
Conserving land	0	No impact.
Conserving water	0	No impact.
Using fewer fossil fuels	2	Lessens future demand of fossil fuels but does not directly reduce consumption.
Reducing waste	0	No impact.
Improving community health	3	Directly improves community health by reducing exposure to indoor pollutants.
Improving walking, biking, rolling, and transit options	0	No impact.
Improving air quality	1	Potential to improve air quality through reduce fuel use at end uses, but may increase fuel consumption at electricity generation sources.
Improving access to clean technology	3	Directly provides access to clean technologies required to meet all-electric.
Saving the taxpayer money	0	No impact.
Promoting a green economy	3	Directly promotes green economy through requirement of new technologies.
Saving money on utility bills	3	Directly saves money on utility bills by reducing infrastructure needs for new construction.
Expanding green workforce training	2	Indirectly expands green workforce training through new technology and construction needs.
Reducing wildfire risk	0	No impact.
Avoiding extra costs to the public	0	No impact.
Increasing energy reliability	0	No impact.
Supporting community-driven projects	1	Community support for electrification at-large.
Reducing GHG emissions quickly	2	Reductions through regulatory actions may not be immediate.
Prioritizing communities most at-risk to climate change	0	No impact.





Strategy E-3.1	Develop policies and programs to increase renewable energy use, generation, and storage in the unincorporated area.		
Action	Amend the San Diego County Code of Regulatory Ordinances by 2026 to require (Tier 2) CALGreen renewable energy requirements for new residential and non-residential construction to increase renewable energy generation in new development.		
Co-Benefit	Rating	Reasoning	
Conserving land	0	No impact.	
Conserving water	0	No impact.	
Using fewer fossil fuels	2	Indirect through regulatory action.	
Reducing waste	0	No impact.	
Improving community health	3	Direct through reduced exposure to pollutants.	
Improving walking, biking, rolling, and transit options	0	No impact.	
Improving air quality	1	Potential through reduced fossil fuel consumption but increased electricity demand.	
Improving access to clean technology	3	Direct through new and renewable energy technology requirements.	
Saving the taxpayer money	0	No impact.	
Promoting a green economy	3	Direct through new and renewable energy technology requirements.	
Saving money on utility bills	3	Direct through reduced infrastructure costs.	
Expanding green workforce training	2	Indirect through new technology and construction needs.	
Reducing wildfire risk	0	No impact.	
Avoiding extra costs to the public	0	No impact.	
Increasing energy reliability	0	No impact.	
Supporting community-driven projects	1	Potential support aligned with broader electrification efforts.	
Reducing GHG emissions quickly	2	Indirect through regulatory action.	
Prioritizing communities most at-risk to climate change	0	No impact.	



Strategy E-3.2	Develop policies and programs to increase renewable energy use, generation, and storage in the unincorporated area.		
Action	Expand and implement the County's streamlined solar permitting process to install 5,002 kW of renewable energy on existing development by 2030 and 12,505 kW by 2045.		
Co-Benefit	Rating	Reasoning	
Conserving land	0	No impact.	
Conserving water	0	No impact.	
Using fewer fossil fuels	1	Potential through incentivized processing of renewable energy projects.	
Reducing waste	0	No impact.	
Improving community health	1	Potential through incentivized processing.	
Improving walking, biking, rolling, and transit options	0	No impact.	
Improving air quality	3	Directly through increase renewable electricity generation.	
Improving access to clean technology	3	Direct through increased renewable electricity facilities.	
Saving the taxpayer money	0	No impact.	
Promoting a green economy	3	Direct through increased renewable electricity facilities.	
Saving money on utility bills	3	Direct through reduced costs of non-renewable energy.	
Expanding green workforce training	2	Indirect through increased need for renewable electricity service providers.	
Reducing wildfire risk	0	No impact.	
Avoiding extra costs to the public	3	Direct by lessening costs associated with permitting processes.	
Increasing energy reliability	1	Potential through increased local energy generation.	
Supporting community-driven projects	1	Potential associated with larger electrification support.	
Reducing GHG emissions quickly	2	Indirect through regulatory process.	
Prioritizing communities most at-risk to climate change	1	Potential through local energy generation.	



Strategy E-3.3	Develop policies and programs to increase renewable energy use, generation, and storage in the unincorporated county.	
Action	Develop a program to provide 100% renewable energy from San Diego Community Power by 2030 in the unincorporated area.	
Co-Benefit	Rating	Reasoning
Conserving land	0	No impact.
Conserving water	0	No impact.
Using fewer fossil fuels	1	Potential through energy generation procured by another agency.
Reducing waste	0	No impact.
Improving community health	1	Potential through energy generation procured by another agency.
Improving walking, biking, rolling, and transit options	0	No impact.
Improving air quality	3	Direct improvement of local air quality.
Improving access to clean technology	3	Direct through influence of energy generation practices.
Saving the taxpayer money	0	No impact.
Promoting a green economy	3	Direct through influence of energy generation practices.
Saving money on utility bills	2	Indirect through County programming and renewable efficiency through another agency.
Expanding green workforce training	0	No impact.
Reducing wildfire risk	0	No impact.
Avoiding extra costs to the public	2	Indirect through County programming.
Increasing energy reliability	1	Potential through local energy generation programs/projects.
Supporting community-driven projects	2	Indirect through support of local renewable energy generation and broader electrification.
Reducing GHG emissions quickly	3	Direct through immediate reductions from renewable energy generation.
Prioritizing communities most at-risk to climate change	1	Potential through focused outreach within communities most at-risk to prevent misinformation



Built Environment and Transportation Measures – Co-Benefit Evaluation

Strategy T-1.1	Reduce fleet and small equipment emissions in County Operations.	
Action	Implement the County's 2019 Electric Vehicle Roadmap and 2023 Green Fleet Action Plan to reduce fleet emissions 35% by 2030 and 100% by 2045.	
Co-Benefit	Rating	Reasoning
Conserving land	0	No impact.
Conserving water	0	No impact.
Using fewer fossil fuels	3	Direct impact through vehicle conversion.
Reducing waste	0	No impact.
Improving community health	2	Indirect through associated noise pollution reductions from vehicles
Improving walking, biking, rolling, and transit options	0	No impact.
Improving air quality	3	Direct through reduced emissions from vehicles.
Improving access to clean technology	2	Indirect by supporting clean vehicle market.
Saving the taxpayer money	1	Potential through long term effect of saving money by switching to EVs
Promoting a green economy	2	Indirect through possible procurement of green equipment
Saving money on utility bills	0	No impact.
Expanding green workforce training	1	Potential through vehicle and maintenance training required.
Reducing wildfire risk	0	No impact.
Avoiding extra costs to the public	0	No impact.
Increasing energy reliability	0	No impact.
Supporting community-driven projects	0	No impact.
Reducing GHG emissions quickly	3	Direct through vehicle emission reductions.
Prioritizing communities most at-risk to climate change	0	No impact.



Strategy T-1.2	Reduce fleet and small equipment emissions in County Operations.	
Action	Amend Board policy to require 100% of landscaping equipment used on County property to be zero-emissions by 2030.	
Co-Benefit	Rating	Reasoning
Conserving land	0	No impact.
Conserving water	0	No impact.
Using fewer fossil fuels	3	Direct reduction through fuel switching.
Reducing waste	0	No impact.
Improving community health	2	Indirect through noise reduction.
Improving walking, biking, rolling, and transit options	0	No impact.
Improving air quality	3	Direct through fuel consumption reduction.
Improving access to clean technology	2	Indirect through access to new technology through County contracting.
Saving the taxpayer money	1	Potential through reduced contractor costs.
Promoting a green economy	2	Indirect through clean technology use at County facilities.
Saving money on utility bills	0	No impact.
Expanding green workforce training	1	Potential through associated use and maintenance of clean equipment.
Reducing wildfire risk	0	No impact.
Avoiding extra costs to the public	0	No impact.
Increasing energy reliability	0	No impact.
Supporting community-driven projects	0	No impact.
Reducing GHG emissions quickly	3	Direct through reduce fossil fuel consumption.
Prioritizing communities most at-risk to climate change	0	No impact.



Strategy T-2.1	Increase the use of low-carbon and zero-emission landscaping and off-road construction equipment in the unincorporated area.		
Action	Develop a program to provide residents and businesses incentives for alternative fuel and/or zero-emission construction and landscaping equipment to reduce emissions 5% by 2030.		
Co-Benefit	Rating	Reasoning	
Conserving land	0	No impact.	
Conserving water	0	No impact.	
Using fewer fossil fuels	3	Direct through fuel switching.	
Reducing waste	0	No impact.	
Improving community health	2	Indirect through noise abatement.	
Improving walking, biking, rolling, and transit options	0	No impact.	
Improving air quality	3	Direct through fuel switching.	
Improving access to clean technology	3	Direct through clean landscaping equipment use.	
Saving the taxpayer money	0	No impact.	
Promoting a green economy	3	Direct through clean equipment use.	
Saving money on utility bills	0	No impact.	
Expanding green workforce training	2	Indirect through use and maintenance of clean equipment.	
Reducing wildfire risk	0	No impact.	
Avoiding extra costs to the public	3	Direct through incentives.	
Increasing energy reliability	0	No impact.	
Supporting community-driven projects	1	Potential through support of electrification and community health.	
Reducing GHG emissions quickly	2	Indirect through incentive program requiring participation.	
Prioritizing communities most at-risk to climate change	2	Indirect through program design and existing impacts related to landscaping equipment.	



Strategy T-2.2	Increase the use of low-carbon and zero-emission landscaping and off-road construction equipment in the unincorporated area.	
Action	Develop and adopt a landscaping equipment ordinance to require the use of zero emission landscaping equipment by 2030 and zero emission construction equipment by 2045 in the unincorporated area.	
Co-Benefit	Rating	Reasoning
Conserving land	0	No impact.
Conserving water	0	No impact.
Using fewer fossil fuels	3	Direct through fuel switching.
Reducing waste	0	No impact.
Improving community health	2	Indirect through noise abatement.
Improving walking, biking, rolling, and transit options	0	No impact.
Improving air quality	3	Direct through reduction in pollutant emissions from equipment.
Improving access to clean technology	3	Direct through required new technology adoption.
Saving the taxpayer money	0	No impact.
Promoting a green economy	3	Direct through required new technology adoption.
Saving money on utility bills	0	No impact.
Expanding green workforce training	2	Indirect through maintenance and use of new technologies.
Reducing wildfire risk	0	No impact.
Avoiding extra costs to the public	0	No impact.
Increasing energy reliability	0	No impact.
Supporting community-driven projects	1	Potential through community support of electrification and reduction of fossil fuel consumption.
Reducing GHG emissions quickly	3	Direct through fuel switching.
Prioritizing communities most at-risk to climate change	0	No impact.



Strategy T-3.1	Install electric vehicle charging stations and provide incentives for zero-emissions vehicles in the unincorporated area.	
Action	<p>Increase the use of electric and other zero-emission vehicles in the unincorporated area by:</p> <ul style="list-style-type: none"> - Installing 2,040 publicly available electric vehicle charging stations by 2028. - Requiring the electrification of loading docks and idling reduction in new commercial and industrial development. - Amending the San Diego County Code of Regulatory Ordinances to require (Tier 2) CALGreen electric vehicle charging infrastructure installations and preferential parking for ZEVs for new multi-family residential and non-residential construction. - Developing a program to incentivize EV purchases. - Developing a program to incentivize school bus electrification. 	
Co-Benefit	Rating	Reasoning
Conserving land	0	No impact.
Conserving water	0	No impact.
Using fewer fossil fuels	3	Direct through fuel switching.
Reducing waste	0	No impact.
Improving community health	2	Indirect through noise abatement.
Improving walking, biking, rolling, and transit options	0	No impact.
Improving air quality	3	Direct through fuel switching.
Improving access to clean technology	3	Direct through new technology use.
Saving the taxpayer money	1	Potential through developer payment burden, other side unknown
Promoting a green economy	3	Direct through new technology use.
Saving money on utility bills	0	No impact.
Expanding green workforce training	3	Direct through new technology use and installation.
Reducing wildfire risk	0	No impact.
Avoiding extra costs to the public	2	Indirect through incentives.
Increasing energy reliability	1	Potential to support grid reliability.
Supporting community-driven projects	3	Direct through community support of zero-emission vehicles.
Reducing GHG emissions quickly	3	Direct through fuel switching.
Prioritizing communities most at-risk to climate change	3	Direct through known impacts of transportation pollution of at-risk communities.



Strategy T-4.1	Reduce emissions from County employee commutes.	
Action	Expand County Benefit Program to provide County employees with tax-free transportation benefits, alternative work schedules, and expand part-time or full-time teleworking options to reduce vehicle miles traveled from employee commutes by 40% in 2030 and 60% in 2045.	
Co-Benefit	Rating	Reasoning
Conserving land	0	No impact.
Conserving water	0	No impact.
Using fewer fossil fuels	3	Direct through fuel switching.
Reducing waste	0	No impact.
Improving community health	1	Potential through noise abatement and employee health.
Improving walking, biking, rolling, and transit options	2	Indirect through incentivization.
Improving air quality	2	Indirect through incentivization.
Improving access to clean technology	1	Potential through clean technology use in alternative modes (e.g., e-bikes or electric buses)
Saving the taxpayer money	0	No impact.
Promoting a green economy	1	Potential through clean technology use in alternative modes.
Saving money on utility bills	0	No impact.
Expanding green workforce training	0	No impact.
Reducing wildfire risk	0	No impact.
Avoiding extra costs to the public	0	No impact.
Increasing energy reliability	0	No impact.
Supporting community-driven projects	0	No impact.
Reducing GHG emissions quickly	2	Indirect through incentivization.
Prioritizing communities most at-risk to climate change	0	No impact.



Strategy T-4.2	Reduce emissions from County employee commutes.	
Action	Develop a rebate program for County employees to purchase electric vehicles, bicycles, and scooters for commute use.	
Co-Benefit	Rating	Reasoning
Conserving land	0	No impact.
Conserving water	0	No impact.
Using fewer fossil fuels	3	Direct through fuel switching or fossil fuel-free transportation modes.
Reducing waste	0	No impact.
Improving community health	1	Potential through active transportation incentivization.
Improving walking, biking, rolling, and transit options	2	Indirect through active transportation incentivization.
Improving air quality	2	Indirect through fuel switching or fossil fuel—free transportation modes.
Improving access to clean technology	1	Potential through clean technologies in alternative modes.
Saving the taxpayer money	0	No impact.
Promoting a green economy	1	Potential through clean technologies in alternative modes.
Saving money on utility bills	0	No impact.
Expanding green workforce training	0	No impact.
Reducing wildfire risk	0	No impact.
Avoiding extra costs to the public	0	No impact.
Increasing energy reliability	0	No impact.
Supporting community-driven projects	0	No impact.
Reducing GHG emissions quickly	2	Indirect through incentivization.
Prioritizing communities most at-risk to climate change	0	No impact.



Strategy T-5.1	Improve County roadways to encourage walking, biking, rolling to/from transit and destinations and increase transportation efficiency.		
Action	Implement the County's Active Transportation Plan pedestrian and bicycle network improvements to encourage alternative modes of transportation in the unincorporated area.		
Co-Benefit	Rating	Reasoning	
Conserving land	1	Potential through integration with trail master plan	
Conserving water	0	No impact.	
Using fewer fossil fuels	1	Potential through increased network access.	
Reducing waste	0	No impact.	
Improving community health	3	Direct through active transportation mode use.	
Improving walking, biking, rolling, and transit options	3	Direct through active transportation mode use.	
Improving air quality	2	Indirect from active transportation mode use.	
Improving access to clean technology	1	Potential through clean technologies associated with alternative transportation.	
Saving the taxpayer money	0	No impact.	
Promoting a green economy	1	Potential through increased use and maintenance of fossil fuel—free transportation modes.	
Saving money on utility bills	0	No impact.	
Expanding green workforce training	0	No impact.	
Reducing wildfire risk	1	Potential through integration with trail master plan.	
Avoiding extra costs to the public	1	Potential dependent on connectivity of trails.	
Increasing energy reliability	0	No impact.	
Supporting community-driven projects	3	Direct through support of improved bicycle and pedestrian infrastructure.	
Reducing GHG emissions quickly	1	Potential through active transportation mode shift.	
Prioritizing communities most at-risk to climate change	2	Indirect through prioritization of EJ communities in ATP.	



Strategy T-5.2	Improve County roadways to encourage walking, biking, rolling to/from transit and destinations and increase transportation efficiency.		
Action	Develop a countywide Safe Routes to Schools program.		
Co-Benefit	Rating	Reasoning	
Conserving land	0	No impact.	
Conserving water	0	No impact.	
Using fewer fossil fuels	0	No impact.	
Reducing waste	0	No impact.	
Improving community health	3	Direct through increased active transportation.	
Improving walking, biking, rolling, and transit options	3	Direct through increased active transportation.	
Improving air quality	2	Indirect through increased active transportation.	
Improving access to clean technology	1	Potential through technologies associated with active transportation.	
Saving the taxpayer money	0	No impact.	
Promoting a green economy	0	No impact.	
Saving money on utility bills	0	No impact.	
Expanding green workforce training	0	No impact.	
Reducing wildfire risk	0	No impact.	
Avoiding extra costs to the public	1	Potential through reduced cost of transportation.	
Increasing energy reliability	0	No impact.	
Supporting community-driven projects	2	Indirect through community support of improved pedestrian and bicycle infrastructure.	
Reducing GHG emissions quickly	1	Potential through mode shift.	
Prioritizing communities most at-risk to climate change	2	Indirect through access to transportation modes.	



Strategy T-6.1	Support transit and transportation demand management to reduce single occupancy vehicle trips in the unincorporated area	
Action	Develop a program to provide free transit passes and/or free trips in the unincorporated area and/or at County facilities.	
Co-Benefit	Rating	Reasoning
Conserving land	0	No impact.
Conserving water	0	No impact.
Using fewer fossil fuels	1	Potential through mode shift away from vehicles.
Reducing waste	0	No impact.
Improving community health	3	Direct through reduced vehicle trips.
Improving walking, biking, rolling, and transit options	3	Direct through increased access to transit.
Improving air quality	2	Indirect through reduced vehicle trips.
Improving access to clean technology	1	Potential through clean technology availability in transit services.
Saving the taxpayer money	0	No impact.
Promoting a green economy	2	Indirect through efficient transportation options.
Saving money on utility bills	0	No impact.
Expanding green workforce training	0	No impact.
Reducing wildfire risk	0	No impact.
Avoiding extra costs to the public	3	Direct through incentive.
Increasing energy reliability	0	No impact.
Supporting community-driven projects	2	Indirect through vehicle use reduction.
Reducing GHG emissions quickly	1	Potential through mode shift incentivization.
Prioritizing communities most at-risk to climate change	3	Direct through transportation mode access.



Strategy T-6.2	Support transit and transportation demand management to reduce single occupancy vehicle trips in the unincorporated area	
Action	Increase access to Transit Priority Areas in the unincorporated area and implement transit-supportive roadway treatments such as traffic signal communication and curb extensions along County-maintained roadways to optimize traffic flow for transit and pedestrians.	
Co-Benefit	Rating	Reasoning
Conserving land	1	Potential indirect incentive to develop in TPA
Conserving water	0	No impact.
Using fewer fossil fuels	3	Direct through transportation efficiency and alternative modes.
Reducing waste	0	No impact.
Improving community health	2	Indirect through reduced vehicle use.
Improving walking, biking, rolling, and transit options	3	Direct through increased transit access.
Improving air quality	3	Direct through reduced vehicle use.
Improving access to clean technology	1	Potential associated with clean technologies in alternative transportation.
Saving the taxpayer money	3	Direct through developer cost to county
Promoting a green economy	2	Indirect through use of fewer fossil fuel—consuming transportation modes.
Saving money on utility bills	0	No impact.
Expanding green workforce training	2	Indirect through fossil fuel—free mode use.
Reducing wildfire risk	1	Potential through infill development.
Avoiding extra costs to the public	1	Potential through increased access to services and reduced vehicle needs.
Increasing energy reliability	0	No impact.
Supporting community-driven projects	2	Indirect through support of vehicle miles traveled reductions.
Reducing GHG emissions quickly	1	Potential through land use.
Prioritizing communities most at-risk to climate change	3	Direct through access to technologies and transportation modes.



Strategy T-6.3	Support transit and transportation demand management to reduce single occupancy vehicle trips in the unincorporated area	
Action	Increase access to first/last mile transportation services and connections (e.g., neighborhood electric vehicles, microtransit, bike/scooter-share) within the unincorporated area.	
Co-Benefit	Rating	Reasoning
Conserving land	0	No impact.
Conserving water	0	No impact.
Using fewer fossil fuels	3	Direct through mode shift.
Reducing waste	0	No impact.
Improving community health	3	Direct through mode shift.
Improving walking, biking, rolling, and transit options	3	Direct through mode shift.
Improving air quality	3	Direct through reduced fossil fuel consumption.
Improving access to clean technology	2	Indirect through technologies associated with alternative transportation modes.
Saving the taxpayer money	0	No impact.
Promoting a green economy	2	Indirect through technologies and jobs associated with alternative transportation modes.
Saving money on utility bills	0	No impact.
Expanding green workforce training	2	Indirect through maintenance and jobs associated with alternative transportation modes.
Reducing wildfire risk	0	No impact.
Avoiding extra costs to the public	1	Potential through reduced transportation costs.
Increasing energy reliability	0	No impact.
Supporting community-driven projects	2	Indirect through community support of pedestrian and bicycle infrastructure and reduced VMT.
Reducing GHG emissions quickly	1	Potential through increased access.
Prioritizing communities most at-risk to climate change	2	Indirect from increased availability of and access to alternative transportation modes.



Attachment B
Co-Benefit Evaluation Tool Workbook Outputs



Step 1: Input CAP Measures and Actions

Action No.	Measure No.	Measure	Action	Sector
A-1.1	A-1	Acquire and manage conservation lands to preserve natural lands and maximize carbon storage potential.	Acquire 11,000 acres of conservation lands by 2030 to preserve land in perpetuity.	Agriculture and Conservation
A-1.2	A-1	Acquire and manage conservation lands to preserve natural lands and maximize carbon storage potential.	Develop a Habitat Restoration Resource Management Framework for County-owned land and restore 480 acres by 2030 to increase carbon storage.	Agriculture and Conservation
A-2.1	A-2	Develop a tree planting program that expands canopy across the unincorporated area and prioritizes underserved communities.	Expand the County's existing tree planting initiative and implement an Equity Driven Tree Planting Program to plant 87,539 trees by 2030 and 4,150 trees per year thereafter on County property and in the unincorporated area.	Agriculture and Conservation
A-2.2	A-2	Develop a tree planting program that expands canopy across the unincorporated area and prioritizes underserved communities.	Implement the County's Landscaping Ordinance to require tree planting in new single family residential development to plant 12,402 trees by 2030.	Agriculture and Conservation
A-3.1	A-3	Preserve agricultural lands to prioritize carbon storage and balance economic and development goals.	Implement the Purchase of Agricultural Conservation Easement (PACE) Program to preserve 4,873 acres of agricultural land by 2030 and 400 acres per year thereafter.	Agriculture and Conservation
A-4.1	A-4	Incentivize carbon farming to expand carbon storage capacity in conventionally farmed agricultural land and support climate-friendly farming practices.	Develop a Carbon Farming Program to increase carbon sequestration on 3,000 acres by 2030 and 36,214 acres by 2045.	Agriculture and Conservation
A-5.1	A-5	Reduce GHG emissions from agricultural operations.	Develop a program by 2026 to incentivize a transition to cleaner fuels and the efficient use of energy to reduce agricultural operations emissions in the unincorporated area.	Agriculture and Conservation
E-1.1	E-1	Develop policies and programs to increase energy efficiency, renewable energy use, and electrification in County Operations.	Implement the County Facilities Zero Carbon Portfolio Plan to achieve 90% reduction in operational carbon emissions by 2030 through building electrification and zero net energy construction, energy efficiency, energy management, and renewable energy use and generation.	Energy
E-2.1	E-2	Develop policies and programs to increase energy efficiency and electrification in the unincorporated area.	Amend the County's Code of Regulatory Ordinances by 2026 to require all-electric equipment in new residential, commercial, and industrial construction to reduce energy emissions from new development in the unincorporated area.	Energy
E-2.2	E-2	Develop policies and programs to increase energy efficiency and electrification in the unincorporated area.	Increase energy efficiency and reach 30% electrification in residential and 17% electrification in non-residential existing development in the unincorporated area by 2030.	Energy
E-3.1	E-3	Develop policies and programs to increase renewable energy use, generation, and storage in the unincorporated area.	Amend the County's Code of Regulatory Ordinances by 2026 to require (Tier 2) CALGreen or similar renewable energy requirements for new residential and non-residential construction to increase renewable energy generation in new development.	Energy
E-3.2	E-3	Develop policies and programs to increase renewable energy use, generation, and storage in the unincorporated area.	Expand and implement the County's streamlined solar permitting process to install 5,002 kW of renewable energy on existing development by 2030 and 12,505 kW by 2045.	Energy
E-3.3	E-3	Develop policies and programs to increase renewable energy use, generation, and storage in the unincorporated area.	Incentivize residents in the unincorporated area to purchase 100% renewable energy from San Diego Community Power to increase renewable energy use in the unincorporated area.	Energy
SW-1.1	SW-1	Achieve Zero Waste in County Operations.	Adopt a County Operations zero waste policy by 2030 to achieve zero waste (90% diversion).	Solid Waste
SW-2.1	SW-2	Achieve zero waste within the unincorporated area.	Update the County's Strategic Plan to Reduce Waste to include strategies to achieve 80% diversion by 2030 and zero waste (90% diversion) by 2045.	Solid Waste
SW-3.1	SW-3	Improve waste management practices at County-owned solid waste facilities to reduce emissions.	Expand landfill gas systems at County-owned landfills to exceed State requirements by 5% by 2030 and 10% by 2045.	Solid Waste
SW-4.1	SW-4	Improve waste management practices in the unincorporated area to reduce emissions and increase waste diversion.	Conduct a feasibility study and implement a landfill gas system pilot project at privately managed landfills by 2030 to exceed State requirements by 10% in the unincorporated area by 2045.	Solid Waste

T-1.1	T-1	Reduce fleet and small equipment emissions in County Operations.	Implement the County's 2019 Electric Vehicle Roadmap and 2023 Green Fleet Action Plan to reduce fleet emissions 35% by 2030 and 100% by 2045	Built Environment and Transportation
T-1.2	T-1	Reduce fleet and small equipment emissions in County Operations.	Amend Board policy to require 100% of landscaping equipment used on County property to be zero-emissions by 2030.	Built Environment and Transportation
T-2.1	T-2	Increase the use of low-carbon and zero-emission landscaping and off-road construction equipment in the unincorporated area.	Develop a program by 2026 to provide residents and businesses incentives to purchase alternative fuel and/or zero-emission construction and landscaping equipment to reduce emissions 3% by 2030.	Built Environment and Transportation
T-2.2	T-2	Increase the use of low-carbon and zero-emission landscaping and off-road construction equipment in the unincorporated area.	Develop and adopt a landscaping equipment ordinance to require the use of zero emission landscaping equipment by 2030 and zero emission construction equipment by 2045 in the unincorporated area.	Built Environment and Transportation
T-3.1	T-3	Install electric vehicle charging stations and provide incentives for zero-emissions vehicles in the unincorporated area.	Increase the use of electric and other zero emission vehicles in the unincorporated area.	Built Environment and Transportation
T-4.1	T-4	Reduce emissions from County employee commutes.	Expand County Benefit Program by 2026 to provide County employees with tax-free transportation benefits, alternative work schedules, and expand part-time or full-time teleworking options to reduce vehicle miles traveled from employee commutes by 40% in 2030 and 60% in 2045.	Built Environment and Transportation
T-4.2	T-4	Reduce emissions from County employee commutes.	Develop a rebate program by 2026 for County employees to purchase electric vehicles, bicycles, and scooters for commute use.	Built Environment and Transportation
T-5.1	T-5	Improve County roadways to encourage walking, biking, rolling to/from transit and destinations and increase transportation efficiency.	Implement the County's Active Transportation Plan to install 345 miles of sidewalk and 315 miles of bikeways by 2030 to encourage alternative modes of transportation in the unincorporated area.	Built Environment and Transportation
T-5.2	T-5	Improve County roadways to encourage walking, biking, rolling to/from transit and destinations and increase transportation efficiency.	Develop a countywide Safe Routes to Schools program to reduce vehicle miles traveled to schools by 1.2% by 2030.	Built Environment and Transportation
T-6.1	T-6	Support transit and transportation demand management to reduce single occupancy vehicle trips in the unincorporated area	Develop a program to provide free transit passes and/or free trips in the unincorporated area to reduce vehicle miles traveled in the unincorporated area by 1.2% by 2030.	Built Environment and Transportation
T-6.2	T-6	Support transit and transportation demand management to reduce single occupancy vehicle trips in the unincorporated area	Increase access to Transit Priority Areas by 5% in the unincorporated area and implement transit-supportive roadway treatments such as traffic signal communication and curb extensions along County-maintained roadways to optimize traffic flow for transit and pedestrians by 2030.	Built Environment and Transportation
T-6.3	T-6	Support transit and transportation demand management to reduce single occupancy vehicle trips in the unincorporated area	Increase access to first/last mile transportation services and connections (e.g., neighborhood electric vehicles, microtransit, bike/scooter-share) to reduce vehicle miles traveled by 7% within the unincorporated area by 2030.	Built Environment and Transportation
W-1.1	W-1	Develop policies and programs to increase water efficiency, retention, recycling, and reuse to reduce potable water consumption in County operations.	Update the County's Water Efficiency Plan to require water-efficiency measures in new and existing County buildings/operations to reduce potable water use by 19% by 2030.	Water and Wastewater
W-2.1	W-2	Develop policies and programs to increase indoor and outdoor water conservation (including water efficiency, retention, recycling, and reuse) in new and existing development in the unincorporated area.	Amend the County's Code of Regulatory Ordinances by 2026 to require (Tier 2) CalGreen water efficiency requirements and reduced outdoor water use for landscaping requirements for new development to reduce potable water consumption from new development by 20% in the unincorporated area.	Water and Wastewater
W-2.2	W-2	Develop policies and programs to increase indoor and outdoor water conservation (including water efficiency, retention, recycling, and reuse) in new and existing development in the unincorporated area.	Amend the County's Code of Regulatory Ordinances by 2026 to require (Tier 2) CalGreen water efficiency requirements for existing development projects with qualifying improvements.	Water and Wastewater
W-2.3	W-2	Develop policies and programs to increase indoor and outdoor water conservation (including water efficiency, retention, recycling, and reuse) in new and existing development in the unincorporated area.	Update the Green Building Incentive program by 2026 to include incentives for water efficiency, conservation, and reuse improvements for new and existing development to reduce potable water consumption in the unincorporated area.	Water and Wastewater
W-2.4	W-2	Develop policies and programs to increase indoor and outdoor water conservation (including water efficiency, retention, recycling, and reuse) in new and existing development in the unincorporated area.	Implement the Waterscape Rebate Program to incentivize water efficiency and conservation to reduce outdoor water consumption in the unincorporated area.	Water and Wastewater
W-3.1	W-3	Develop programs to increase stormwater and wastewater treatment efficiency to reduce imported potable water use.	Increase wastewater treatment efficiency through the East County Advanced Water Purification Program to produce 12,900 acre feet of water each year by 2030.	Water and Wastewater

Step 2a: Input Co-Benefits

Co-Benefit	Strategic Initiative
Conserving land	Sustainability
Conserving water	Sustainability
Using fewer fossil fuels	Sustainability
Reducing waste	Sustainability
Improving community health	Equity
Improving walking, biking, rolling, and transit options	Equity
Improving air quality	Equity
Improving access to clean technology	Equity
Saving the taxpayer money	Empower
Promoting a green economy	Empower
Saving money on utility bills	Empower
Expanding green workforce training	Empower
Reducing wildfire risk	Community
Avoiding extra costs to the public	Community
Increasing energy reliability	Community
Supporting community-driven projects	Justice
Reducing GHG emissions quickly	Justice
Prioritizing communities most at-risk to climate change	Justice

Step 2b: Co-Benefit Ratings

Enter a value between 0 and 3. 0 = no impact to co-benefit; 1 = Low impact to co-benefit; 2 = medium impact to co-benefit; 3 = major impact to co-benefit

Strategic Initiative:			Sustainability				Equity				Empower				Community			Justice		
Co-Benefit:	Conserving land	Conserving water	Using fewer fossil fuels	Reducing waste	Improving community health	Improving walking, biking, rolling, and transit options	Improving air quality	Improving access to clean technology	Saving the taxpayer money	Promoting a green economy	Saving money on utility bills	Expanding green workforce training	Reducing wildfire risk	Avoiding extra costs to the public	Increasing energy reliability	Supporting community-driven projects	Reducing GHG emissions quickly	Prioritizing communities most at-risk to climate change		
Action	Measure	Action																		
A-1.2	A-1	Acquire and manage conservation lands to preserve natural lands and maximize carbon storage potential.	2	1	1	1	3	1	3	0	0	0	0	2	3	0	0	2	2	0
A-2.1	A-2	Develop a tree planting program that expands canopy across the unincorporated area and prioritizes underserved communities.	1	1	1	0	3	2	3	0	0	1	2	1	2	3	0	3	2	3
A-2.2	A-2	Develop a tree planting program that expands canopy across the unincorporated area and prioritizes underserved communities.	1	0	1	0	3	1	3	0	0	1	3	1	2	0	0	0	2	1
A-3.1	A-3	Preserve agricultural lands to prioritize carbon storage and balance economic and development goals.	3	1	0	1	2	0	1	1	0	2	0	1	1	0	0	1	2	0
A-4.1	A-4	Incentivize carbon farming to expand carbon storage capacity in conventionally farmed agricultural land and support climate-friendly	2	2	2	2	2	0	2	2	0	3	1	2	1	3	0	2	2	2
A-5.1	A-5	Reduce GHG emissions from agricultural operations.	0	0	3	0	1	0	3	3	0	3	0	2	0	2	0	1	2	2
E-1.1	E-1	Develop policies and programs to increase energy efficiency, renewable energy use, and electrification in County Operations.	0	0	3	0	1	0	1	1	1	2	0	1	0	0	1	0	3	0
E-2.1	E-2	Develop policies and programs to increase energy efficiency and electrification in the unincorporated area.	0	0	2	0	3	0	1	3	0	3	3	2	0	0	0	1	2	0
E-2.2	E-2	Develop policies and programs to increase energy efficiency and electrification in the unincorporated area.	0	0	2	0	3	0	1	3	0	3	3	2	0	0	0	1	2	0
E-3.1	E-3	Develop policies and programs to increase renewable energy use, generation, and storage in the unincorporated area.	0	0	2	0	3	0	1	3	0	3	3	2	0	0	0	1	2	0
E-3.2	E-3	Develop policies and programs to increase renewable energy use, generation, and storage in the unincorporated area.	0	0	1	0	1	0	3	3	0	3	3	2	0	3	1	1	2	1
E-3.3	E-3	Develop policies and programs to increase renewable energy use, generation, and storage in the unincorporated area.	0	0	1	0	1	0	3	3	0	3	2	0	0	2	1	2	3	1
SW-1.1	SW-1	Achieve Zero Waste in County Operations.	0	0	1	3	0	0	2	1	0	2	0	2	0	0	1	0	3	0
SW-2.1	SW-2	Achieve zero waste within the unincorporated area.	0	0	1	3	1	0	2	1	0	2	0	2	0	0	1	2	1	0
SW-3.1	SW-3	Improve waste management practices at County-owned solid waste facilities to reduce emissions.	0	0	1	0	2	0	3	1	0	2	0	1	0	0	1	0	3	0
SW-4.1	SW-4	Improve waste management practices in the unincorporated area to reduce emissions and increase waste diversion.	0	0	1	0	2	0	3	2	0	2	0	1	0	0	1	0	1	0

T-1.1	T-1	Reduce fleet and small equipment emissions in County Operations.	0	0	3	0	2	0	3	2	1	2	0	1	0	0	0	0	3	0
T-1.2	T-1	Reduce fleet and small equipment emissions in County Operations.	0	0	3	0	2	0	3	2	1	2	0	1	0	0	0	0	3	0
T-2.1	T-2	Increase the use of low-carbon and zero-emission landscaping and off-road construction equipment in the unincorporated area.	0	0	3	0	2	0	3	3	0	3	0	2	0	3	0	1	2	2
T-2.2	T-2	Increase the use of low-carbon and zero-emission landscaping and off-road construction equipment in the unincorporated area.	0	0	3	0	2	0	3	3	0	3	0	2	0	0	0	1	3	0
T-3.1	T-3	Install electric vehicle charging stations and provide incentives for zero-emissions vehicles in the unincorporated area.	0	0	3	0	2	0	3	3	1	3	0	3	0	2	1	3	3	3
T-4.1	T-4	Reduce emissions from County employee commutes.	0	0	3	0	1	2	2	1	0	1	0	0	0	0	0	0	2	0
T-4.2	T-4	Reduce emissions from County employee commutes.	0	0	3	0	1	2	2	1	0	1	0	0	0	0	0	0	2	0
T-5.1	T-5	Improve County roadways to encourage walking, biking, rolling to/from transit and destinations and increase transportation efficiency.	1	0	1	0	3	3	2	1	0	1	0	0	1	1	0	3	1	2
T-5.2	T-5	Improve County roadways to encourage walking, biking, rolling to/from transit and destinations and increase transportation efficiency.	0	0	0	0	3	3	2	1	0	0	0	0	0	1	0	2	1	2
T-6.1	T-6	Support transit and transportation demand management to reduce single occupancy vehicle trips in the unincorporated area	0	0	1	0	3	3	2	1	0	2	0	0	0	3	0	2	1	3
T-6.2	T-6	Support transit and transportation demand management to reduce single occupancy vehicle trips in the unincorporated area	1	0	3	0	2	3	3	1	3	2	0	2	1	1	0	2	1	3
T-6.3	T-6	Support transit and transportation demand management to reduce single occupancy vehicle trips in the unincorporated area	0	0	3	0	3	3	3	2	0	2	0	2	0	1	0	2	1	2
W-1.1	W-1	Develop policies and programs to increase water efficiency, retention, recycling, and reuse to reduce potable water consumption in County operations.	0	3	2	0	1	0	1	1	1	2	0	1	1	0	0	1	2	0
W-2.1	W-2	Develop policies and programs to increase indoor and outdoor water conservation (including water efficiency, retention, recycling, and reuse) in new and existing development in the unincorporated area.	0	3	2	0	1	0	1	2	0	3	3	2	1	0	0	0	2	0
W-2.2	W-2	Develop policies and programs to increase indoor and outdoor water conservation (including water efficiency, retention, recycling, and reuse) in new and existing development in the unincorporated area.	0	3	2	0	1	0	1	2	0	3	3	2	1	0	0	0	2	0
W-2.3	W-2	Develop policies and programs to increase indoor and outdoor water conservation (including water efficiency, retention, recycling, and reuse) in new and existing development in the unincorporated area.	0	3	2	0	1	0	1	1	0	2	3	1	0	3	0	1	1	1
W-2.4	W-2	Develop policies and programs to increase indoor and outdoor water conservation (including water efficiency, retention, recycling, and reuse) in new and existing development in the unincorporated area.	0	3	2	0	1	0	1	1	0	2	3	1	1	3	0	2	1	1
W-3.1	W-3	Develop programs to increase stormwater and wastewater treatment efficiency to reduce imported potable water use.	0	3	1	0	1	0	0	2	0	3	0	2	0	1	0	1	3	3

Step 3: Stakeholder Weighting

Co-Benefit		Total Checks	Weight
Sustainability	Conserving land	460	1.90
	Conserving water	494	2.00
	Using fewer fossil fuels	243	1.23
	Reducing waste	298	1.40
Equity	Improving community health	430	1.80
	Improving walking, biking, rolling, and transit options	382	1.66
	Improving air quality	411	1.75
	Improving access to clean technology	295	1.39
Empower	Saving the taxpayer money	318	1.46
	Promoting a green economy	333	1.51
	Saving money on utility bills	458	1.89
	Expanding green workforce training	168	1.00
Community	Reducing wildfire risk	409	1.74
	Avoiding extra costs to the public	293	1.38
	Increasing energy reliability	334	1.51
Justice	Supporting community-driven projects	210	1.13
	Reducing GHG emissions quickly	180	1.04
	Prioritizing communities most at-risk to climate change	294	1.39

Top 3 Co-Benefits

- Conserving water
- Conserving land
- Saving money on utility bills

Step 4a: Weighted Scores

MIN: 0 MAX: 6 ST DV: 6

Action	Measure	Strategic Initiative: Details	Sustainability				Equity				Empower				Community			Justice				
			Weighting:		190%	200%	123%	140%	180%	166%	175%	139%	146%	151%	189%	100%	174%	138%	151%	113%	104%	139%
			Conserving land	Conserving water	Using fewer fossil fuels	Reducing waste	Improving community health	Improving walking, biking, rolling, and transit options	Improving air quality	Improving access to clean technology	Saving the taxpayer money	Promoting a green economy	Saving money on utility bills	Expanding green workforce training	Reducing wildfire risk	Avoiding extra costs to the public	Increasing energy reliability	Supporting community-driven projects	Reducing GHG emissions quickly	Prioritizing communities most at-risk to climate change		
A-1.2	A-1	Acquire and manage conservation lands to preserve natural lands and maximize carbon storage potential.	3.79	2.00	1.23	1.40	5.41	1.66	5.24	0.00	0.00	0.00	0.00	2.00	5.22	0.00	0.00	2.26	2.07	0.00		
A-2.1	A-2	Develop a tree planting program that expands canopy across the unincorporated area and prioritizes underserved communities.	1.90	2.00	1.23	0.00	5.41	3.31	5.24	0.00	0.00	1.51	3.78	1.00	3.48	4.15	0.00	3.39	2.07	4.16		
A-2.2	A-2	Develop a tree planting program that expands canopy across the unincorporated area and prioritizes underserved communities.	1.90	0.00	1.23	0.00	5.41	1.66	5.24	0.00	0.00	1.51	5.67	1.00	3.48	0.00	0.00	0.00	2.07	1.39		
A-3.1	A-3	Preserve agricultural lands to prioritize carbon storage and balance economic and development goals.	5.69	2.00	0.00	1.40	3.61	0.00	1.75	1.39	0.00	3.01	0.00	1.00	1.74	0.00	0.00	1.13	2.07	0.00		
A-4.1	A-4	Incentivize carbon farming to expand carbon storage capacity in conventionally farmed agricultural land and support climate-friendly	3.79	4.00	2.46	2.80	3.61	0.00	3.49	2.78	0.00	4.52	1.89	2.00	1.74	4.15	0.00	2.26	2.07	2.77		
A-5.1	A-5	Reduce GHG emissions from agricultural operations.	0.00	0.00	3.69	0.00	1.80	0.00	5.24	4.17	0.00	4.52	0.00	2.00	0.00	2.77	0.00	1.13	2.07	2.77		
E-1.1	E-1	Develop policies and programs to increase energy efficiency, renewable energy use, and electrification in County Operations.	0.00	0.00	3.69	0.00	1.80	0.00	1.75	1.39	1.46	3.01	0.00	1.00	0.00	0.00	1.51	0.00	3.11	0.00		
E-2.1	E-2	Develop policies and programs to increase energy efficiency and electrification in the unincorporated area.	0.00	0.00	2.46	0.00	5.41	0.00	1.75	4.17	0.00	4.52	5.67	2.00	0.00	0.00	0.00	1.13	2.07	0.00		
E-2.2	E-2	Develop policies and programs to increase energy efficiency and electrification in the unincorporated area.	0.00	0.00	2.46	0.00	5.41	0.00	1.75	4.17	0.00	4.52	5.67	2.00	0.00	0.00	0.00	1.13	2.07	0.00		
E-3.1	E-3	Develop policies and programs to increase renewable energy use, generation, and storage in the unincorporated area.	0.00	0.00	2.46	0.00	5.41	0.00	1.75	4.17	0.00	4.52	5.67	2.00	0.00	0.00	0.00	1.13	2.07	0.00		
E-3.2	E-3	Develop policies and programs to increase renewable energy use, generation, and storage in the unincorporated area.	0.00	0.00	1.23	0.00	1.80	0.00	5.24	4.17	0.00	4.52	5.67	2.00	0.00	4.15	1.51	1.13	2.07	1.39		
E-3.3	E-3	Develop policies and programs to increase renewable energy use, generation, and storage in the unincorporated area.	0.00	0.00	1.23	0.00	1.80	0.00	5.24	4.17	0.00	4.52	3.78	0.00	0.00	2.77	1.51	2.26	3.11	1.39		
SW-1.1	SW-1	Achieve Zero Waste in County Operations.	0.00	0.00	1.23	4.20	0.00	0.00	3.49	1.39	0.00	3.01	0.00	2.00	0.00	0.00	1.51	0.00	3.11	0.00		
SW-2.1	SW-2	Achieve zero waste within the unincorporated area.	0.00	0.00	1.23	4.20	1.80	0.00	3.49	1.39	0.00	3.01	0.00	2.00	0.00	0.00	1.51	2.26	1.04	0.00		
SW-3.1	SW-3	Improve waste management practices at County-owned solid waste facilities to reduce emissions.	0.00	0.00	1.23	0.00	3.61	0.00	5.24	1.39	0.00	3.01	0.00	1.00	0.00	0.00	1.51	0.00	3.11	0.00		
SW-4.1	SW-4	Improve waste management practices in the unincorporated area to reduce emissions and increase waste diversion.	0.00	0.00	1.23	0.00	3.61	0.00	5.24	2.78	0.00	3.01	0.00	1.00	0.00	0.00	1.51	0.00	1.04	0.00		

T-1.1	T-1	Reduce fleet and small equipment emissions in County Operations.	0.00	0.00	3.69	0.00	3.61	0.00	5.24	2.78	1.46	3.01	0.00	1.00	0.00	0.00	0.00	0.00	0.00	3.11	0.00
T-1.2	T-1	Reduce fleet and small equipment emissions in County Operations.	0.00	0.00	3.69	0.00	3.61	0.00	5.24	2.78	1.46	3.01	0.00	1.00	0.00	0.00	0.00	0.00	0.00	3.11	0.00
T-2.1	T-2	Increase the use of low-carbon and zero-emission landscaping and off-road construction equipment in the unincorporated area.	0.00	0.00	3.69	0.00	3.61	0.00	5.24	4.17	0.00	4.52	0.00	2.00	0.00	4.15	0.00	1.13	2.07	2.77	
T-2.2	T-2	Increase the use of low-carbon and zero-emission landscaping and off-road construction equipment in the unincorporated area.	0.00	0.00	3.69	0.00	3.61	0.00	5.24	4.17	0.00	4.52	0.00	2.00	0.00	0.00	0.00	1.13	3.11	0.00	
T-3.1	T-3	Install electric vehicle charging stations and provide incentives for zero-emissions vehicles in the unincorporated area.	0.00	0.00	3.69	0.00	3.61	0.00	5.24	4.17	1.46	4.52	0.00	3.00	0.00	2.77	1.51	3.39	3.11	4.16	
T-4.1	T-4	Reduce emissions from County employee commutes.	0.00	0.00	3.69	0.00	1.80	3.31	3.49	1.39	0.00	1.51	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	
T-4.2	T-4	Reduce emissions from County employee commutes.	0.00	0.00	3.69	0.00	1.80	3.31	3.49	1.39	0.00	1.51	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00	
T-5.1	T-5	Improve County roadways to encourage walking, biking, rolling to/from transit and destinations and increase transportation efficiency.	1.90	0.00	1.23	0.00	5.41	4.97	3.49	1.39	0.00	1.51	0.00	0.00	1.74	1.38	0.00	3.39	1.04	2.77	
T-5.2	T-5	Improve County roadways to encourage walking, biking, rolling to/from transit and destinations and increase transportation efficiency.	0.00	0.00	0.00	0.00	5.41	4.97	3.49	1.39	0.00	0.00	0.00	0.00	0.00	1.38	0.00	2.26	1.04	2.77	
T-6.1	T-6	Support transit and transportation demand management to reduce single occupancy vehicle trips in the unincorporated area	0.00	0.00	1.23	0.00	5.41	4.97	3.49	1.39	0.00	3.01	0.00	0.00	0.00	4.15	0.00	2.26	1.04	4.16	
T-6.2	T-6	Support transit and transportation demand management to reduce single occupancy vehicle trips in the unincorporated area	1.90	0.00	3.69	0.00	3.61	4.97	5.24	1.39	4.38	3.01	0.00	2.00	1.74	1.38	0.00	2.26	1.04	4.16	
T-6.3	T-6	Support transit and transportation demand management to reduce single occupancy vehicle trips in the unincorporated area	0.00	0.00	3.69	0.00	5.41	4.97	5.24	2.78	0.00	3.01	0.00	2.00	0.00	1.38	0.00	2.26	1.04	2.77	
W-1.1	W-1	Develop policies and programs to increase water efficiency, retention, recycling, and reuse to reduce potable water consumption in County operations.	0.00	6.00	2.46	0.00	1.80	0.00	1.75	1.39	1.46	3.01	0.00	1.00	1.74	0.00	0.00	1.13	2.07	0.00	
W-2.1	W-2	Develop policies and programs to increase indoor and outdoor water conservation (including water efficiency, retention, recycling, and reuse) in new and existing development in the unincorporated area.	0.00	6.00	2.46	0.00	1.80	0.00	1.75	2.78	0.00	4.52	5.67	2.00	1.74	0.00	0.00	0.00	2.07	0.00	
W-2.2	W-2	Develop policies and programs to increase indoor and outdoor water conservation (including water efficiency, retention, recycling, and reuse) in new and existing development in the unincorporated area.	0.00	6.00	2.46	0.00	1.80	0.00	1.75	2.78	0.00	4.52	5.67	2.00	1.74	0.00	0.00	0.00	2.07	0.00	
W-2.3	W-2	Develop policies and programs to increase indoor and outdoor water conservation (including water efficiency, retention, recycling, and reuse) in new and existing development in the unincorporated area.	0.00	6.00	2.46	0.00	1.80	0.00	1.75	1.39	0.00	3.01	5.67	1.00	0.00	4.15	0.00	1.13	1.04	1.39	
W-2.4	W-2	Develop policies and programs to increase indoor and outdoor water conservation (including water efficiency, retention, recycling, and reuse) in new and existing development in the unincorporated area.	0.00	6.00	2.46	0.00	1.80	0.00	1.75	1.39	0.00	3.01	5.67	1.00	1.74	4.15	0.00	2.26	1.04	1.39	
W-3.1	W-3	Develop programs to increase stormwater and wastewater treatment efficiency to reduce imported potable water use.	0.00	6.00	1.23	0.00	1.80	0.00	0.00	2.78	0.00	4.52	0.00	2.00	0.00	1.38	0.00	1.13	3.11	4.16	

Step 4b: Normalize Weighted Scores

Set Weighting Range: Max: 3 Min: 0

Strategic Initiative:	Sustainability				Equity				Empower				Community			Justice						
	Conserving land	Conserving water	Using fewer fossil fuels	Reducing waste	Improving community health	Improving walking, biking, rolling, and transit options	Improving air quality	Improving access to clean technology	Saving the taxpayer money	Promoting a green economy	Saving money on utility bills	Expanding green workforce training	Reducing wildfire risk	Avoiding extra costs to the public	Increasing energy reliability	Supporting community-driven projects	Reducing GHG emissions quickly	Prioritizing communities most at-risk to climate change				
Co-Benefit:	Measure	Details																				
	A-1.2	A-1	Acquire and manage conservation lands to preserve natural lands and maximize carbon storage potential.	Develop a Habitat Restoration Resource Management Framework for County-owned land and restore 480 acres by 2030 to increase carbon storage.	1.90	1.00	0.62	0.70	2.71	0.83	2.62	0.00	0.00	0.00	0.00	1.00	2.61	0.00	0.00	1.13	1.04	0.00
	A-2.1	A-2	Develop a tree planting program that expands canopy across the unincorporated area and prioritizes underserved communities.	Expand the County's existing tree planting initiative and implement an Equity Driven Tree Planting Program to plant 87,539 trees by 2030 and 4,150 trees per year thereafter on County	0.95	1.00	0.62	0.00	2.71	1.66	2.62	0.00	0.00	0.75	1.89	0.50	1.74	2.08	0.00	1.69	1.04	2.08
	A-2.2	A-2	Develop a tree planting program that expands canopy across the unincorporated area and prioritizes underserved communities.	Implement the County's Landscaping Ordinance to require tree planting in new single family residential development to plant 12,402 trees by 2030.	0.95	0.00	0.62	0.00	2.71	0.83	2.62	0.00	0.00	0.75	2.83	0.50	1.74	0.00	0.00	0.00	1.04	0.69
	A-3.1	A-3	Preserve agricultural lands to prioritize carbon storage and balance economic and development goals.	Implement the Purchase of Agricultural Conservation Easement (PACE) Program to preserve 4,873 acres of agricultural land by 2030 and 400 acres per year thereafter.	2.84	1.00	0.00	0.70	1.80	0.00	0.87	0.69	0.00	1.51	0.00	0.50	0.87	0.00	0.00	0.56	1.04	0.00
	A-4.1	A-4	Incentivize carbon farming to expand carbon storage capacity in conventionally farmed agricultural land and support climate-friendly farming practices.	Develop a Carbon Farming Program to increase carbon sequestration on 3,000 acres by 2030 and 36,214 acres by 2045.	1.90	2.00	1.23	1.40	1.80	0.00	1.75	1.39	0.00	2.26	0.94	1.00	0.87	2.08	0.00	1.13	1.04	1.39
	A-5.1	A-5	Reduce GHG emissions from agricultural operations.	Develop a program by 2026 to incentivize a transition to cleaner fuels and the efficient use of energy to reduce agricultural operations emissions in the unincorporated area.	0.00	0.00	1.85	0.00	0.90	0.00	2.62	2.08	0.00	2.26	0.00	1.00	0.00	1.38	0.00	0.56	1.04	1.39
	E-1.1	E-1	Develop policies and programs to increase energy efficiency, renewable energy use, and electrification in County Operations.	Implement the County Facilities Zero Carbon Portfolio Plan to achieve 90% reduction in operational carbon emissions by 2030 through building electrification and zero net energy construction, energy efficiency, energy management, and renewable energy use and generation.	0.00	0.00	1.85	0.00	0.90	0.00	0.87	0.69	0.73	1.51	0.00	0.50	0.00	0.00	0.75	0.00	1.56	0.00
	E-2.1	E-2	Develop policies and programs to increase energy efficiency and electrification in the unincorporated area.	Amend the County's Code of Regulatory Ordinances by 2026 to require all-electric equipment in new residential, commercial, and industrial construction to reduce energy emissions from new development in the unincorporated area.	0.00	0.00	1.23	0.00	2.71	0.00	0.87	2.08	0.00	2.26	2.83	1.00	0.00	0.00	0.00	0.56	1.04	0.00
	E-2.2	E-2	Develop policies and programs to increase energy efficiency and electrification in the unincorporated area.	Increase energy efficiency and reach 30% electrification in residential and 17% electrification in non-residential existing development in the unincorporated area by 2030.	0.00	0.00	1.23	0.00	2.71	0.00	0.87	2.08	0.00	2.26	2.83	1.00	0.00	0.00	0.00	0.56	1.04	0.00
	E-3.1	E-3	Develop policies and programs to increase renewable energy use, generation, and storage in the unincorporated area.	Amend the County's Code of Regulatory Ordinances by 2026 to require (Tier 2) CALGreen or similar renewable energy requirements for new residential and non-residential construction to increase renewable energy generation in new development.	0.00	0.00	1.23	0.00	2.71	0.00	0.87	2.08	0.00	2.26	2.83	1.00	0.00	0.00	0.00	0.56	1.04	0.00
	E-3.2	E-3	Develop policies and programs to increase renewable energy use, generation, and storage in the unincorporated area.	Expand and implement the County's streamlined solar permitting process to install 5,002 kW of renewable energy on existing development by 2030 and 12,505 kW by 2045.	0.00	0.00	0.62	0.00	0.90	0.00	2.62	2.08	0.00	2.26	2.83	1.00	0.00	2.08	0.75	0.56	1.04	0.69
	E-3.3	E-3	Develop policies and programs to increase renewable energy use, generation, and storage in the unincorporated area.	Incentivize residents in the unincorporated area to purchase 100% renewable energy from San Diego Community Power to increase renewable energy use in the unincorporated area.	0.00	0.00	0.62	0.00	0.90	0.00	2.62	2.08	0.00	2.26	1.89	0.00	0.00	1.38	0.75	1.13	1.56	0.69
	SW-1.1	SW-1	Achieve Zero Waste in County Operations.	Adopt a County Operations zero waste policy by 2030 to achieve zero waste (90% diversion).	0.00	0.00	0.62	2.10	0.00	0.00	1.75	0.69	0.00	1.51	0.00	1.00	0.00	0.00	0.75	0.00	1.56	0.00
	SW-2.1	SW-2	Achieve zero waste within the unincorporated area.	Update the County's Strategic Plan to Reduce Waste to include strategies to achieve 80% diversion by 2030 and zero waste (90% diversion) by 2045.	0.00	0.00	0.62	2.10	0.90	0.00	1.75	0.69	0.00	1.51	0.00	1.00	0.00	0.75	1.13	0.52	1.04	0.00

SW-3.1	SW-3	Improve waste management practices at County-owned solid waste facilities to reduce emissions.	Expand landfill gas systems at County-owned landfills to exceed State requirements by 5% by 2030 and 10% by 2045.	0.00	0.00	0.62	0.00	1.80	0.00	2.62	0.69	0.00	1.51	0.00	0.50	0.00	0.00	0.75	0.00	1.56	0.00
SW-4.1	SW-4	Improve waste management practices in the unincorporated area to reduce emissions and increase waste diversion.	Conduct a feasibility study and implement a landfill gas system pilot project at privately managed landfills by 2030 to exceed State requirements by 10% in the unincorporated area by 2045.	0.00	0.00	0.62	0.00	1.80	0.00	2.62	1.39	0.00	1.51	0.00	0.50	0.00	0.00	0.75	0.00	0.52	0.00

T-1.1	T-1	Reduce fleet and small equipment emissions in County Operations.	Implement the County's 2019 Electric Vehicle Roadmap and 2023 Green Fleet Action Plan to reduce fleet emissions 35% by 2030 and 100% by 2045	0.00	0.00	1.85	0.00	1.80	0.00	2.62	1.39	0.73	1.51	0.00	0.50	0.00	0.00	0.00	0.00	1.56	0.00
T-1.2	T-1	Reduce fleet and small equipment emissions in County Operations.	Amend Board policy to require 100% of landscaping equipment used on County property to be zero-emissions by 2030.	0.00	0.00	1.85	0.00	1.80	0.00	2.62	1.39	0.73	1.51	0.00	0.50	0.00	0.00	0.00	0.00	1.56	0.00
T-2.1	T-2	Increase the use of low-carbon and zero-emission landscaping and off-road construction equipment in the unincorporated area.	Develop a program by 2026 to provide residents and businesses incentives to purchase alternative fuel and/or zero-emission construction and landscaping equipment to reduce emissions 3% by 2030.	0.00	0.00	1.85	0.00	1.80	0.00	2.62	2.08	0.00	2.26	0.00	1.00	0.00	2.08	0.00	0.56	1.04	1.39
T-2.2	T-2	Increase the use of low-carbon and zero-emission landscaping and off-road construction equipment in the unincorporated area.	Develop and adopt a landscaping equipment ordinance to require the use of zero emission landscaping equipment by 2030 and zero emission construction equipment by 2045 in the unincorporated area.	0.00	0.00	1.85	0.00	1.80	0.00	2.62	2.08	0.00	2.26	0.00	1.00	0.00	0.00	0.00	0.56	1.56	0.00
T-3.1	T-3	Install electric vehicle charging stations and provide incentives for zero-emissions vehicles in the unincorporated area.	Increase the use of electric and other zero emission vehicles in the unincorporated area.	0.00	0.00	1.85	0.00	1.80	0.00	2.62	2.08	0.73	2.26	0.00	1.50	0.00	1.38	0.75	1.69	1.56	2.08
T-4.1	T-4	Reduce emissions from County employee commutes.	Expand County Benefit Program by 2026 to provide County employees with tax-free transportation benefits, alternative work schedules, and expand part-time or full-time	0.00	0.00	1.85	0.00	0.90	1.66	1.75	0.69	0.00	0.75	0.00	0.00	0.00	0.00	0.00	0.00	1.04	0.00
T-4.2	T-4	Reduce emissions from County employee commutes.	Develop a rebate program by 2026 for County employees to purchase electric vehicles, bicycles, and scooters for commute use.	0.00	0.00	1.85	0.00	0.90	1.66	1.75	0.69	0.00	0.75	0.00	0.00	0.00	0.00	0.00	0.00	1.04	0.00
T-5.1	T-5	Improve County roadways to encourage walking, biking, rolling to/from transit and destinations and increase transportation efficiency.	Implement the County's Active Transportation Plan to install 345 miles of sidewalk and 315 miles of bikeways by 2030 to encourage alternative modes of transportation in the	0.95	0.00	0.62	0.00	2.71	2.48	1.75	0.69	0.00	0.75	0.00	0.00	0.87	0.69	0.00	1.69	0.52	1.39
T-5.2	T-5	Improve County roadways to encourage walking, biking, rolling to/from transit and destinations and increase transportation efficiency.	Develop a countywide Safe Routes to Schools program to reduce vehicle miles traveled to schools by 1.2% by 2030.	0.00	0.00	0.00	0.00	2.71	2.48	1.75	0.69	0.00	0.00	0.00	0.00	0.00	0.69	0.00	1.13	0.52	1.39
T-6.1	T-6	Support transit and transportation demand management to reduce single occupancy vehicle trips in the unincorporated area	Develop a program to provide free transit passes and/or free trips in the unincorporated area to reduce vehicle miles traveled in the unincorporated area by 1.2% by 2030.	0.00	0.00	0.62	0.00	2.71	2.48	1.75	0.69	0.00	1.51	0.00	0.00	0.00	2.08	0.00	1.13	0.52	2.08
T-6.2	T-6	Support transit and transportation demand management to reduce single occupancy vehicle trips in the unincorporated area	Increase access to Transit Priority Areas by 5% in the unincorporated area and implement transit-supportive roadway treatments such as traffic signal communication and curb extensions along County-maintained roadways to optimize traffic flow for transit and pedestrians by 2030.	0.95	0.00	1.85	0.00	1.80	2.48	2.62	0.69	2.19	1.51	0.00	1.00	0.87	0.69	0.00	1.13	0.52	2.08
T-6.3	T-6	Support transit and transportation demand management to reduce single occupancy vehicle trips in the unincorporated area	Increase access to first/last mile transportation services and connections (e.g., neighborhood electric vehicles, microtransit, bike/scooter-share) to reduce vehicle miles traveled by 7% within the unincorporated area by 2030.	0.00	0.00	1.85	0.00	2.71	2.48	2.62	1.39	0.00	1.51	0.00	1.00	0.00	0.69	0.00	1.13	0.52	1.39
W-1.1	W-1	Develop policies and programs to increase water efficiency, retention, recycling, and reuse to reduce potable water consumption in County operations.	Update the County's Water Efficiency Plan to require water-efficiency measures in new and existing County buildings/operations to reduce potable water use by 19% by 2030.	0.00	3.00	1.23	0.00	0.90	0.00	0.87	0.69	0.73	1.51	0.00	0.50	0.87	0.00	0.00	0.56	1.04	0.00
W-2.1	W-2	Develop policies and programs to increase indoor and outdoor water conservation (including water efficiency, retention, recycling, and reuse) in new and existing development in the unincorporated area.	Amend the County's Code of Regulatory Ordinances by 2026 to require (Tier 2) CalGreen water efficiency requirements and reduced outdoor water use for landscaping requirements for new development to reduce potable water consumption from new development by 20% in the unincorporated area.	0.00	3.00	1.23	0.00	0.90	0.00	0.87	1.39	0.00	2.26	2.83	1.00	0.87	0.00	0.00	0.00	1.04	0.00
W-2.2	W-2	Develop policies and programs to increase indoor and outdoor water conservation (including water efficiency, retention, recycling, and reuse) in new and existing development in the unincorporated area.	Amend the County's Code of Regulatory Ordinances by 2026 to require (Tier 2) CalGreen water efficiency requirements for existing development projects with qualifying improvements.	0.00	3.00	1.23	0.00	0.90	0.00	0.87	1.39	0.00	2.26	2.83	1.00	0.87	0.00	0.00	0.00	1.04	0.00

W-2.3	W-2	Develop policies and programs to increase indoor and outdoor water conservation (including water efficiency, retention, recycling, and reuse) in new and existing development in the unincorporated area.	Update the Green Building Incentive program by 2026 to include incentives for water efficiency, conservation, and reuse improvements for new and existing development to reduce potable water consumption in the unincorporated area.	0.00	3.00	1.23	0.00	0.90	0.00	0.87	0.69	0.00	1.51	2.83	0.50	0.00	2.08	0.00	0.56	0.52	0.69
W-2.4	W-2	Develop policies and programs to increase indoor and outdoor water conservation (including water efficiency, retention, recycling, and reuse) in new and existing development in the unincorporated area.	Implement the Waterscape Rebate Program to incentivize water efficiency and conservation to reduce outdoor water consumption in the unincorporated area.	0.00	3.00	1.23	0.00	0.90	0.00	0.87	0.69	0.00	1.51	2.83	0.50	0.87	2.08	0.00	1.13	0.52	0.69
W-3.1	W-3	Develop programs to increase stormwater and wastewater treatment efficiency to reduce imported potable water use.	Increase wastewater treatment efficiency through the East County Advanced Water Purification Program to produce 12,900 acre feet of water each year by 2030.	0.00	3.00	0.62	0.00	0.90	0.00	0.00	1.39	0.00	2.26	0.00	1.00	0.00	0.69	0.00	0.56	1.56	2.08

Step 5: Strategic Initiative and Community Priority Scores

Measures	Strategic Initiative Scores					Community Priority Score
	Sustainability Score	Equity Score	Empower Score	Community Score	Justice Score	
A-4 Incentivize carbon farming to expand carbon storage capacity in conventionally farmed agricultural land and supp	1.63	1.23	1.05	0.98	1.18	6.08
T-3 Install electric vehicle charging stations and provide incentives for zero-emissions vehicles in the unincorporated area	0.46	1.63	1.12	0.71	1.78	5.70
A-2 Develop a tree planting program that expands canopy across the unincorporated area and prioritizes underserved communities	0.52	1.64	0.90	0.93	1.09	5.08
T-6 Support transit and transportation demand management to reduce single occupancy vehicle trips in the unincorporated area	0.44	2.04	0.73	0.48	1.17	4.85
A-1 Acquire and manage conservation lands to preserve natural lands and maximize carbon storage potential.	1.05	1.54	0.25	0.87	0.72	4.43
E-3 Develop policies and programs to increase renewable energy use, generation, and storage in the unincorporated area	0.21	1.41	1.36	0.55	0.81	4.33
W-2 Develop policies and programs to increase indoor and outdoor water conservation (including water efficiency, retention, recycling, and reuse)	1.06	0.70	1.37	0.56	0.52	4.21
A-5 Reduce GHG emissions from agricultural operations.	0.46	1.40	0.81	0.46	1.00	4.13
T-2 Increase the use of low-carbon and zero-emission landscaping and off-road construction equipment in the unincorporated area	0.46	1.63	0.81	0.35	0.85	4.10
W-3 Develop programs to increase stormwater and wastewater treatment efficiency to reduce imported potable water	0.90	0.57	0.81	0.23	1.40	3.92
E-2 Develop policies and programs to increase energy efficiency and electrification in the unincorporated area.	0.31	1.42	1.52	0.00	0.53	3.78
T-5 Improve County roadways to encourage walking, biking, rolling to/from transit and destinations and increase transit options	0.20	1.91	0.09	0.38	1.11	3.68
A-3 Preserve agricultural lands to prioritize carbon storage and balance economic and development goals.	1.14	0.84	0.50	0.29	0.53	3.30
W-1 Develop policies and programs to increase water efficiency, retention, recycling, and reuse to reduce potable water consumption in County operations.	1.06	0.62	0.68	0.29	0.53	3.18
T-1 Reduce fleet and small equipment emissions in County Operations.	0.46	1.45	0.68	0.00	0.52	3.12
SW-2 Achieve zero waste within the unincorporated area.	0.68	0.84	0.63	0.25	0.55	2.94
SW-3 Improve waste management practices at County-owned solid waste facilities to reduce emissions.	0.15	1.28	0.50	0.25	0.52	2.70
SW-1 Achieve Zero Waste in County Operations.	0.68	0.61	0.63	0.25	0.52	2.68
E-1 Develop policies and programs to increase energy efficiency, renewable energy use, and electrification in County Operations.	0.46	0.62	0.68	0.25	0.52	2.53
SW-4 Improve waste management practices in the unincorporated area to reduce emissions and increase waste diversion	0.15	1.45	0.50	0.25	0.17	2.53
T-4 Reduce emissions from County employee commutes.	0.46	1.25	0.19	0.00	0.35	2.24