

## Climate Dashboard Performance Measures

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April 14, 2025



**King County**

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## II. Proviso Text

Of this appropriation, \$50,000 shall not be expended or encumbered until the executive transmits a list of selected outcome measures to be used in the climate performance tracking dashboard and a motion that should acknowledge receipt of the list, and a motion acknowledging receipt of the list is passed by the council. The motion should reference the subject matter, the proviso's ordinance, ordinance section, and proviso number in both the title and body of the motion.

Each outcome in the list shall identify a baseline, a near-term target, and a long-term target. The outcomes identified in the list may include but not be limited to:

- A. Greenhouse gas emissions in county operations;
- B. Greenhouse gas emissions countywide;
- C. Water temperature for selected lakes and waterbodies in King County;
- D. Emergency department visits for heat-related illness among King County residents;
- E. Locally acquired vector-borne disease in King County;
- F. Emergency department visits involving asthma among King County residents;
- G. Health costs in King County related to climate change;
- H. Clean energy jobs in King County;
- I. Temperatures in areas identified as heat islands in King County Heat Island Map; and
- J. Consumer savings from energy efficiency standards.

The executive should electronically file the list of outcome measures and a motion required by this proviso by April 14, 2025, with the clerk of the council, who shall retain an electronic copy and provide an electronic copy to all councilmembers, the council chief of staff, and the lead staff for the transportation, economy, and environment committee or its successor.

Ordinance 19861, Section 18, Office of Climate, Proviso P2<sup>1</sup>

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<sup>1</sup> Ordinance 19861 [\[LINK\]](#)

### III. Executive Summary

This report outlines the proposed performance measures and processes for King County’s new climate performance tracking dashboard, set for release in 2025. Developed collaboratively by the Executive Climate Office (ECO) and subject matter experts across various departments, these measures align closely with King County’s Strategic Climate Action Plan (SCAP), statutory requirements, and King County Council proviso conditions. The dashboard represents a significant achievement in how the County tracks and communicates progress toward its climate objectives by providing transparent, timely, and accessible performance data.

#### A. Background

The Executive Climate Office (ECO), established in 2023, coordinates and accelerates climate action across King County by fostering collaboration across departments and communities. Historically, King County has been a leader in climate action, setting ambitious goals and tracking progress through mechanisms such as the Strategic Climate Action Plan (SCAP) and the Biennial Progress Report. The SCAP, first introduced in 2012 and updated in 2015 beginning an update cycle every five years, outlines climate goals, strategies, and performance targets, and has expanded over time to include preparedness for climate impacts and explicit considerations for frontline communities.

The 2025 SCAP represents a strategic shift toward fewer, more impactful actions with clear, outcome-driven targets. This shift aligns closely with ECO’s formation and emphasis on cross-departmental collaboration. To further enhance reporting efficiency and transparency, ECO is transitioning to a dynamic climate dashboard as its primary reporting tool, replacing static biennial reporting. This new approach ensures timely, relevant data tracking and supports strategic decision-making. The dashboard's development process emphasizes continuous stakeholder and community engagement, equity, and adaptability to evolving climate science and community priorities.

#### B. Report Requirements

##### Regulatory Requirements

The Strategic Climate Action Plan (SCAP) provides the foundational goals, strategies, actions, and evaluation framework guiding King County’s climate initiatives. To ensure consistency, transparency, and efficient progress tracking, performance measures for the new climate dashboard must align closely with SCAP requirements outlined in King County Code (KCC). These requirements mandate specific, measurable targets for greenhouse gas emissions reductions, comprehensive coverage across key environmental sectors, explicit integration of environmental justice considerations, and regular evaluation of community-scale climate progress.

Measures for the dashboard are further guided by a November 2024 proviso from the King County Council, which requires submission of a selected list of outcome measures for the dashboard, each including a clearly defined baseline, near-term target, and long-term target.

##### Selection Criteria

ECO staff applied a set of clearly defined criteria to guide the selection of outcome measures for the climate dashboard. These criteria emphasize alignment with evolving climate goals and best practices,

data availability and reliability, actionability for decision-making, and avoiding duplication or redundancy. Developed collaboratively by subject matter experts and stakeholders, these criteria ensure selected measures effectively support King County’s strategic climate objectives, equity priorities, and community responsiveness.

### **Proposed Outcome Measures**

The 64 selected measures reflect strategic priorities and community input, addressing critical areas such as greenhouse gas emissions reduction, climate-related health impacts, clean energy jobs, and equity outcomes. Each measure includes a clearly defined baseline, near-term target, and long-term target, ensuring accountability and effectiveness in guiding policy decisions and resource allocation.

### **Proposed Process for updating measures**

Additionally, the report outlines a structured, iterative process for regular review and updating of the dashboard measures. This process prioritizes ongoing stakeholder and community engagement, responsiveness to evolving climate science, and continuous improvement of data quality and relevance.

## **C. Conclusion/Next Actions**

This foundation for accountability and continuous improvement has been made possible by significant collaborative efforts among departments subject matter experts, and community partners. Moving forward, ECO will continue to maintain robust engagement with stakeholders, incorporate ongoing insights, and ensure the dashboard remains responsive and aligned with King County’s climate goals, equity commitments, and the King County Executive’s True North values.

## IV. Background

### Department Overview

The Executive Climate Office (ECO) works to coordinate, elevate, and accelerate climate action across the county. Its mission is to build and empower a coalition addressing the causes and impacts of climate change, ensuring that all people, places, and environments thrive. ECO manages King County's Strategic Climate Action Plan (SCAP); collaborates with County departments, frontline communities and other partners on climate-related work; and manages programs to promote decarbonization, climate resilience, and equitable access to green jobs.

### Historical Context

King County has long led on climate action, but before 2023, initiatives related to emissions reduction, climate equity, and workforce development were decentralized across departments. In 2023, Executive Dow Constantine hired the County's first Climate Director and announced the launch of the "Executive Climate Office." Initially, the office included staff joining from King County Metro Transit, the Department of Local Services, and the Department of Natural Resources and Parks. Since then, the office has grown to include more than 25 full-time staff members, fellows, and interns.

Prior to the formation of ECO, King County had set climate goals and tracked progress on climate-related initiatives through two primary mechanisms:

- **The Strategic Climate Action Plan (SCAP)** – Updated every five years per KCC 18.25.010, the SCAP establishes long-term climate goals, strategies, targets, and priority actions.<sup>2</sup> It also includes performance measures for operational emissions and community-scale progress toward overarching climate objectives.
- **The Biennial Progress Report** – Submitted to the Council every two years, this report tracks progress against SCAP performance targets, evaluates progress on priority actions, and provides policy and investment recommendations. Per code requirement, this report is also integrated into the five-year SCAP updates.<sup>3</sup>

The first SCAP was developed in 2012 to establish long-term targets and guide actions within County services and operations to reduce greenhouse gases. In 2015, a new section on climate preparedness was added to ensure that the County was prepared for and adapting to the impacts of climate change that have begun to affect critical infrastructure and natural resources. In 2020, the "Sustainable and Resilient Frontline Communities" section was added to ensure that the development and implementation of King County's climate initiatives center the communities that are most impacted and actively work to reduce the disproportionate impacts of climate change. Each iteration of the SCAP has added new goals, strategies, and actions – which in turn, have added new complexities and requirements for performance measurement.

### Current Context

The establishment of the Executive Climate Office (ECO) in 2023 represented a significant organizational milestone, centralizing previously decentralized climate action efforts and fostering greater coordination across County departments. Reflecting this shift, the 2025 SCAP is intentionally more strategic and

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<sup>2</sup> King County Code 18.25.010 [\[LINK\]](#)

<sup>3</sup> King County Code 18.25.010 [\[LINK\]](#)

results-driven, prioritizing fewer but more impactful actions directly linked to targeted outcomes. By building upon high-priority actions from the 2020 SCAP, integrating opportunities for new initiatives, and ensuring stronger cross-departmental collaboration, the 2025 SCAP advances the County's goals related to emissions reduction, climate equity, and climate preparedness.

This strategic approach is also evident in the County's method of tracking and reporting progress. ECO is transitioning to a dynamic climate dashboard as its primary reporting mechanism, replacing the static Biennial Progress Report. The dashboard will offer frequently updated performance data, providing more timely insights into progress on performance measures and priority actions. This transition aligns with broader King County trends toward dynamic dashboards, as demonstrated by DCHS, Metro, and PHSKC, thus enhancing transparency and accessibility for both policymakers and community members.

Finally, the ECO team has been reviewing and refining previous SCAP performance measures to ensure that they remain actionable, relevant, and aligned with both 2025 SCAP climate goals and proviso requirements. Each SCAP focus area now includes outcome measures with clearly defined baselines, near-term targets, and long-term targets. To account for measures with longer horizons, the team has also incorporated leading indicators, allowing earlier assessment of progress and enabling informed resource allocation and decision-making.

### **Report Methodology**

King County policy staff and subject matter experts from the Department of Community and Human Services (DCHS), Department of Executive Services (DES), Department of Local Services (DLS), Department of Natural Resources and Parks (DNRP), Metro Transit Department (Metro), Office of Economic Opportunity & Creative Economy (OEOCE), Office of Performance, Strategy and Budget (PSB), and Public Health – Seattle & King County (PHSKC) worked together with ECO to refine the final list of 2025 SCAP performance measures and develop the document contents. The full list of selection criteria and data sources are included, as well as information about related statutory or legal considerations. Previous county work such as the Metro Strategic Plan and Clean Water Healthy Habitat, was leveraged to ensure policy alignment across departments and divisions. The King County Executive Climate Cabinet, whose membership consists of the department directors of DCHS, DLS, DNRP, DES, Metro, PSB, OERSJ, and PHSKC have also confirmed unanimous support for this set of performance measures, which are designed to further align implementation priorities across departments.

While this initial set of performance measures was developed by departmental policy staff and subject matter experts to reflect the 2025 SCAP strategies and actions, future iterations of the climate dashboard could directly incorporate outreach to the Climate Equity Work Group (CEWG), Climate Equity Community Task Force (CECTF), and broader community stakeholders to refine metrics, datasets, and user experience and ensure continued alignment with community-defined priorities and equity-focused outcomes. The following section outlines specific regulatory requirements that guided the collaborative methodology described above.

## V. Report Requirements

Ordinance 19861, Section 18, P2 requires the King County Executive to transmit a list of selected outcome measures to be used in the climate performance tracking dashboard. This report includes an overview of regulatory requirements; selection criteria for the measures; a list of proposed outcomes measures with a baseline, a near-term target, and a long-term target; a list of considered measures; proposed process of updating these measures, and an implementation timeline.

### D. Regulatory Requirements

The Strategic Climate Action Plan (SCAP) establishes the overall goals, strategies, actions, and evaluation framework guiding King County's climate efforts. Given the SCAP's central role in guiding and evaluating climate action across King County, aligning the climate dashboard's performance measures closely with those outlined in the SCAP ensures consistency, transparency, and efficiency in tracking progress. Requirements for the development, amendment, and evaluation of the SCAP are specified in KCC,<sup>4</sup> which include:

- Specific, measurable targets and priority actions designed to reduce operational and community-scale greenhouse gas emissions. These targets align with countywide emission reduction goals of 25 percent by 2020, 50 percent by 2030, and 80 percent by 2050, relative to a 2007 baseline.
- Comprehensive coverage of five goal areas: transportation and land use; building and facilities energy; green building; consumption and materials management (including environmental purchasing), and forestry and agriculture.
- Explicit integration of an environmental justice framework, ensuring equitable distribution of environmental benefits and prioritization of communities disproportionately impacted by climate change.
- Regular reporting on the implementation of priority strategies and assessment of their impact in advancing overarching community-scale climate goals.

Additionally, KCC stipulates that progress on these priority actions and performance measures must be reported biennially to the King County Council. SCAP updates are scheduled at least every five years, although more frequent updates may be undertaken to respond to evolving information about emissions sources, technology advancements, or changing regulatory contexts.

Recognizing the need for more timely and responsive reporting than traditional biennial reports allowed, ECO is transitioning to a dynamic performance tracking dashboard system. The dashboard's performance measures are guided by a November 2024 proviso from the King County Council, which requires submission of a selected list of measures, each including a clearly defined baseline, near-term target, and long-term target.

### E. Selection Criteria

To meet these regulatory requirements and ensure effective implementation of the climate dashboard, ECO staff conducted a thorough review of existing SCAP performance measures and reporting practices.

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<sup>4</sup> King County Code 18.25.010 [\[LINK\]](#)

Due to the need for consistent and strategically relevant performance metrics, ECO staff developed clear selection criteria to guide the identification and refinement of the dashboard’s measures. These criteria, detailed below, prioritize alignment with climate science, data reliability, equity considerations, feasibility, and responsiveness to both County and community priorities.

<i>Criteria</i>	<i>Key Questions</i>
Alignment with Climate objectives and best practices	<ul style="list-style-type: none"> <li>• Does the measure still reflect King County’s strategic climate objectives?</li> <li>• Does it reflect current methodologies, benchmarks, or best practices?</li> <li>• Is it consistent with regional, state, or national frameworks?</li> </ul>
Data availability and quality	<ul style="list-style-type: none"> <li>• Is high-quality, consistent, and verifiable data available?</li> <li>• Can data collection occur efficiently, without excessive burden on resources?</li> <li>• Does the data support meaningful trend analysis over time?</li> </ul>
Actionability & decision-making value	<ul style="list-style-type: none"> <li>• Does the measure directly inform actionable decision-making?</li> <li>• Would an alternative measure provide clearer, more proactive insights?</li> <li>• Does it effectively assess policy and program impact?</li> </ul>
Duplication or redundancy	<ul style="list-style-type: none"> <li>• Is the measure unique, or is its information captured elsewhere?</li> <li>• Would consolidating similar or related measures enhance clarity and streamline reporting?</li> </ul>

## F. Proposed Measures

Based on the criteria outlined above, 64 measures have been selected to track progress toward achieving the strategic objectives outlined in the 2025 SCAP. Developed collaboratively by subject matter experts and departmental policy staff across King County, these measures:

- Address proviso conditions;
- Align with statutory requirements, and
- Incorporate feedback from departmental partners and leadership.

Each measure is designed to be actionable, relevant, and closely connected to community priorities, equity considerations, and the County’s overarching climate goals. All measures include clearly defined baselines, near-term targets, and long-term targets, ensuring transparent and accountable evaluation of climate action progress. Context measures and progress measures only include those targets as it makes sense. These additional types of measures can serve as leading indicators for outcomes with long horizons – allowing earlier assessment of progress and enabling informed resource allocation and decision-making.

For additional details about the measures, including update frequency and alignment with other strategic plans and policies, please refer to **Appendix A**. Measures that were considered but ultimately not selected, are documented in **Appendix B**, along with a brief rationale for the decision.

## **G. Proposed Process for Updating Measures**

To ensure that the climate dashboard remains effective, relevant, and responsive to evolving climate science and community priorities, ECO is considering establishing a structured process for dashboard amendments. This process will include regular periodic reviews, such as annual or biennial assessments, to evaluate the ongoing relevance and effectiveness of existing dashboard measures. These assessments will rely on clearly defined criteria, including alignment with the latest climate science, responsiveness to stakeholder and community input, relevance to equity considerations, data availability and reliability, and compatibility with the county's overarching climate objectives.

Partner and community engagement will be integral to this process, involving outreach to groups such as the Climate Equity Work Group, Climate Equity Community Task Force, partner organizations, and community representatives to gather meaningful feedback. Internally, subject matter experts and departmental representatives will evaluate proposed dashboard amendments, with ECO leadership and the Executive Climate Cabinet overseeing decision-making and approval.

Transparency and clear communication will guide each step of the amendment process, ensuring that any changes to the dashboard are clearly documented, justified, and shared proactively with the broader community. Finally, adequate resources and procedures for implementing, monitoring, and continuously evaluating the dashboard will be established to guarantee its sustained usefulness and accuracy in tracking climate progress.

## **VI. Conclusion/Next Actions**

Over the next few months, ECO will continue working toward the 2025 release of a public climate performance tracking dashboard. This dashboard, and the measures proposed within this report, will not only reinforce commitments outlined in the Strategic Climate Action Plan but also embody the King County Executive's True North values — teamwork, problem-solving, driving for results, equity, diverse perspectives, and responsible stewardship. Together, these measures — along with the collaborative and iterative process used to refine them — provide a strong foundation for guiding future climate action and informing ongoing policy decisions.

This foundation for accountability, transparency, and continuous improvement has been made possible by significant collaborative efforts from departmental staff, subject matter experts, and leadership across King County. Throughout the next phase of dashboard development, ECO will prioritize ongoing community engagement and actively incorporate feedback from policymakers to ensure the dashboard remains responsive to evolving climate conditions, equity considerations, and community priorities. Maintaining open dialogue with all interested parties, regularly evaluating measures, and adapting to new insights will be critical to moving forward together to achieve King County's ambitious climate and equity objectives.

## **VII. Appendices**

Appendix A. Proposed Measures

## Appendix B. Considered Measures

## Appendix A. Proposed Measures

Tracking performance measures is essential to evaluating King County’s progress toward its climate commitments and ensuring accountability across multiple sectors. The set of three tables below outlines performance measures and corresponding targets established by King County in its Strategic Climate Action Plan (SCAP), organized by key sections addressing climate action priorities. Each outcome measure in the table details specific performance measures, clearly defined targets for milestone years (such as 2030 and 2050), baseline references, and current status, as well as information about **Data Ownership**, **Tracking Frequency**, and **Strategic Alignment** with related policies or initiatives. To account for measures with longer horizons, the team has also incorporated context measures and progress measures to serve as leading indicators, allowing earlier assessment of progress and enabling informed resource allocation and decision-making. This structured approach ensures accountability, facilitates effective monitoring, and aligns departmental actions with overarching climate and sustainability goals. Finally, there are two measures that are shared between multiple sections. These measures are noted in both sections to ensure a full understanding of how progress will be tracked in each section.

**Table 1. GHG MEASURES (29 total)**

Section	Performance Measure	Targets	Additional Information
Countywide GHG Policy & Leadership	<b>GHG 1. Reduce Countywide GHG Emissions.</b> Reduce countywide sources of GHG emissions, compared to a 2007 baseline, 50% by 2030, 75% by 2040, and 95% by 2050, with net-zero emissions through carbon sequestration and other strategies by that year. Pursue additional goals and actions to sequester carbon and reduce emissions from consumption of goods and services.	<i>Baseline:</i> 2007 <i>Current Status:</i> Available <i>2030 Target:</i> 50% <i>2050 Target:</i> 95%	<i>Data Owner:</i> ECO <i>Tracking Frequency:</i> 2 years <i>Strategic Alignment:</i> King County Countywide Planning Policies, King County Comprehensive Plan; 2020 SCAP
Countywide GHG Policy & Leadership	<b>GHG 2. Focusing growth within the Urban Growth Area.</b> Consistent with VISION 2050 and the King County Countywide Planning Policies, ensure 98% of growth is focused within the Urban Growth Area.	<i>Baseline:</i> 2014 <i>Current Status:</i> Available <i>2030 Target:</i> 98% <i>2050 Target:</i> 98%	<i>Data Owner:</i> PSB Regional Planning <i>Tracking Frequency:</i> Annual <i>Strategic Alignment:</i> VISION 2050; King County Countywide Planning Policies; King County Comprehensive Plan; 2020 SCAP
Countywide GHG Policy & Leadership	<b>GHG 3. Air quality.</b> Reduce the number of days when the Puget Sound Clean Air Agency health goal for fine particulates (25 micrograms per cubic meter) is exceeded.	<i>Baseline:</i> 2019 <i>Current Status:</i> 6 days <i>2030 Target:</i> Not established <i>2050 Target:</i> Not established	<i>Data Owner:</i> PSCAA <i>Tracking Frequency:</i> Annual <i>Strategic Alignment:</i> PSCAA Strategic Plan
Building Energy & Green Building	<b>GHG 4. Fossil Fuel Use in Countywide Buildings.</b> Reduce fossil-based natural gas and other fossil fuel use in existing buildings in King County by at least 20% by 2030, 50% by 2040, and 80% by 2050, compared to a 2017 baseline.	<i>Baseline:</i> 2017 <i>Current Status:</i> Available <i>2030 Target:</i> 20% <i>2050 Target:</i> 80%	<i>Data Owner:</i> ECO <i>Tracking Frequency:</i> Annually <i>Strategic Alignment:</i> King County GHG Inventory, 2020 SCAP
Building Energy & Green Building	<b>GHG 5. Existing Building Retrofits.</b> Facilitate retrofits of 550 buildings in King County including support of independent retrofit projects with external funding sources such as CPACER.	<i>Baseline:</i> 2025 <i>Current Status:</i> Available <i>2030 Target:</i> 550 <i>2050 Target:</i> Not established	<i>Data Owner:</i> ECO <i>Tracking Frequency:</i> Monthly <i>Strategic Alignment:</i>

Building Energy & Green Building	<b>GHG 6. Local Support for Building Retrofits.</b> Expand availability of building retrofit support to residential or commercial building owners to serve 90% of King County's population through local or regional programs, prioritizing communities with higher environmental health disparities.	Baseline: 2025 Current Status: 65% 2030 Target: 90% 2050 Target: Not established	Data Owner: ECO Tracking Frequency: Quarterly Strategic Alignment:
Building Energy & Green Building	<b>GHG 7. Green Building Countywide.</b> Expand adoption of at least one, or more, of the of the Washington State Building and Residential Code appendices (or comparable) associated with Solar-readiness, Construction & Demolition Material Management, and Building Deconstruction to twelve jurisdictions within King County, including King County's own Permitting division, by 2030.	Baseline: 2025 Current Status: 4 2030 Target: 12 2050 Target: Not established	Data Owner: Green Building Team (SWD) Tracking Frequency: Quarterly Strategic Alignment:
Transportation	<b>GHG 8. Car Trips.</b> Reduce total vehicle miles traveled for passenger vehicle and light trucks by 20% by 2030 and 28% by 2050, compared to 2017 levels.	Baseline: 2017 Current Status: 4% 2030 Target: 20% 2050 Target: 28%	Data Owner: PSRC Tracking Frequency: Annually Strategic Alignment: Metro Strategic Plan Dashboard, 2020 SCAP
Transportation	<b>GHG 9. Transit Ridership.</b> Increase annual passenger boardings on transit services in King County, including Metro Transit and Sound Transit to: <ul style="list-style-type: none"> <li>187 million annual passenger boardings by 2030</li> <li>308 - 326 million annual passenger boardings by 2040</li> <li>364 - 413 million annual passenger boardings by 2050</li> </ul>	Baseline: 2025 Current Status: 115.9 million (2023) 2030 Target: 187 million 2050 Target: 364 - 413 million	Data Owner: Metro Tracking Frequency: Monthly Strategic Alignment: Metro Strategic Plan Dashboard, 2020 SCAP
Transportation	<b>GHG 10. Transit Oriented Communities.</b> Increase housing and job growth within growth centers located within a ½ mile of frequent transit service to 97% by 2030 and 100% by 2050.	Baseline: 2021 Current Status: Available 2030 Target: 97% 2050 Target: 100%	Data Owner: Metro Tracking Frequency: Annually Strategic Alignment: Metro Strategic Plan Dashboard
Transportation	<b>GHG 11. Electric Vehicle Public Charging Infrastructure.</b> In alignment with WA State Transportation Electrification Strategy strong electrification policy scenario, by 2030, King County will have 2000 Level 2 and 1800 DC Fast Charger public charging ports and by 2035, 2844 Level 2 and 2509 DC Fast Charger public charging ports.	Baseline: 2024 Current Status: 2902 Level 2 and 411 DC Fast Chargers 2030 Target: 2000 Level 2 and 1800 DC Fast Chargers 2050 Target: Not established	Data Owner: NREL Alternative Fueling Station Tracking Frequency: Monthly Strategic Alignment: National Renewable Energy Lab Database
Circular Economy	<b>GHG 12. Waste Reduction.</b> For King County (excluding the cities of Seattle and Milton), reduce per capita curbside waste disposed to landfill to be no more than 1 pound per day by 2030.	Baseline: 2025 Current Status: 1.13 lb. (2023) 2030 Target: 1 lb. 2050 Target: Not established	Data Owner: SWD Tracking Frequency: Annually Strategic Alignment: Re+ Strategic Plan; King County Solid Waste Comprehensive Plan
Circular Economy	<b>GHG 13. Organics and Food Waste Collection.</b> Increase curbside food waste/organics collection services to 75% of unincorporated King County single-family residents by 2030.	Baseline: 2025 Current Status: ~50% 2030 Target: 75% 2050 Target: Not established	Data Owner: SWD Tracking Frequency: Annually Strategic Alignment: Re+ Strategic Plan; King County Solid Waste Comprehensive Plan

Circular Economy	<b>GHG 14. Transfer Station Recycling.</b> Increase the greenhouse gas emissions avoided by recycling at King County owned transfer stations by at least 30%, compared to 2020, reducing an estimated additional 46,000-55,000 MTCO <sub>2</sub> e per year by 2030.	<p><i>Baseline:</i> 2020</p> <p><i>Current Status:</i> 335,100 MTCO<sub>2</sub>e avoided in 2023 from recycling key materials such as cardboard, mixed scrap wood, and clean wood.</p> <p><i>2030 Target:</i> 30%</p> <p><i>2050 Target:</i> Not established</p>	<p><i>Data Owner:</i> SWD</p> <p><i>Tracking Frequency:</i> Quarterly</p> <p><i>Strategic Alignment:</i> 2020 SCAP; King County Comprehensive Solid Waste Management Plan</p>
Forest & Agriculture	<b>GHG 15. Protect natural lands and urban greenspaces</b> Protect at least 1,500 acres annually of forestland, farmland, and other open space identified as priorities in Land Conservation Initiative, through acquisition of easements or fee title.	<p><i>Baseline:</i> 2016</p> <p><i>Current Status:</i> 1040 (2023 data)</p> <p><i>2030 Target:</i> 7,500 over 5 years if 1,500 annually</p> <p><i>2050 Target:</i> Not established</p>	<p><i>Data Owner:</i> DNRP- Parks</p> <p><i>Tracking Frequency:</i> Quarterly</p> <p><i>Strategic Alignment:</i> Land Conservation Initiative, 2020 SCAP</p>
Forest & Agriculture	<b>GHG 16/PREP 10. Acres Restored.</b> Restore 2,000 acres of forests and natural areas on Parks-managed properties to improve climate change resiliency and enhance potential for carbon sequestration.	<p><i>Baseline:</i> 2020</p> <p><i>Current Status:</i> 1,333 acres (2024)</p> <p><i>2030 Target:</i> 2,000</p> <p><i>2050 Target:</i> Not established</p>	<p><i>Data Owner:</i> DNRP - Parks</p> <p><i>Tracking Frequency:</i> Quarterly</p> <p><i>Strategic Alignment:</i> 2020 SCAP; shared performance measure with Forest Resilience Focus Area in Preparedness</p>
Forest & Agriculture	<b>GHG 17. 5 Million Trees.</b> Plant, Protect, and Prepare 5 Million Trees between 2020 and 2030. The 5 million trees will come from (1) Planting more trees countywide, mostly in communities that have few trees and where trees can improve salmon habitat; (2) Protecting forestland and trees from development; and (3) Preparing forests to be more resilient under a changing climate that has warmer, drier summers and increasing wildfire risk. Preparedness actions include removing noxious weeds and thinning forests in some areas to create room for trees to thrive.	<p><i>Baseline:</i> 2020</p> <p><i>Current Status:</i> More than 2.1M</p> <p><i>2030 Target:</i> 5 million</p> <p><i>2050 Target:</i> Not established</p>	<p><i>Data Owner:</i> DNRP - Parks</p> <p><i>Tracking Frequency:</i> Quarterly</p> <p><i>Strategic Alignment:</i> 2020 SCAP</p>
Forest & Agriculture	<b>GHG 18. Regenerative Farmland.</b> Double the acreage of farmland in King County that incorporates regenerative, climate-smart agricultural practices, and incorporate those practices on 100% of King County-owned farms by 2030.	<p><i>Baseline:</i> 2025</p> <p><i>Current Status:</i></p> <p><i>2030 Target:</i> 100%</p> <p><i>2050 Target:</i> Not established</p>	<p><i>Data Owner:</i> DNRP-WLRD</p> <p><i>Tracking Frequency:</i> TBC</p> <p><i>Strategic Alignment:</i></p>
Enterprise Leadership & Accountability	<b>GHG 19. Government Operational GHG Emissions.</b> Reduce total GHG emissions from government operations, compared to 2007 baseline, by 50% by 2025 and 80% by 2030. Additionally, reduce these emissions by at least 95% by 2050, in support of the countywide GHG emissions reduction target.	<p><i>Baseline:</i> 2007</p> <p><i>Current Status:</i> Available</p> <p><i>2030 Target:</i> 80%</p> <p><i>2050 Target:</i> 95%</p>	<p><i>Data Owner:</i> ECO</p> <p><i>Tracking Frequency:</i> Annually</p> <p><i>Strategic Alignment:</i> King County Countywide Planning Policies, King County Comprehensive Plan, Government Operations GHG Inventory, 2020 SCAP</p>
Sustainable County Infrastructure	<b>GHG 20. Green Building Ordinance.</b> Ensure 100% of County capital projects achieve the highest green building standard as specified in the Green Building Ordinance by 2025 and thereafter	<p><i>Baseline:</i> 2015</p> <p><i>Current Status:</i> Available</p> <p><i>2030 Target:</i> 100%</p> <p><i>2050 Target:</i> 100%</p>	<p><i>Data Owner:</i> Green Building Team</p> <p><i>Tracking Frequency:</i> Annually</p> <p><i>Strategic Alignment:</i> Internal Green Building Team Dashboard, 2020 SCAP</p>

Sustainable County Infrastructure	<b>GHG 21. Construction &amp; Demolition Diversion.</b> Increase diversion of C&D materials from landfills from County capital projects to 85% in 2025 and 100% diversion of resources with economic value by 2030	Baseline: 2020 Current Status: Available 2030 Target:100% 2050 Target:100%	Data Owner: Green Building Team Tracking Frequency: Annually Strategic Alignment:
Sustainable County Infrastructure	<b>GHG 22. ESJ in King County Capital Projects.</b> Increase equity outcomes of capital projects by demonstrating that 100% of King County capital projects initiated in the 2026/27 budget cycle or later will achieve ESJ Credit 5 (Realize Priority Elements of Project’s ESJ Plan) in the King County Sustainable Infrastructure Scorecard.	Baseline: 2025 Current Status: Available 2030 Target: 100% 2050 Target: Not established	Data Owner: Green Building Team Tracking Frequency: Annually Strategic Alignment: Internal Green Building Team Dashboard, 2020 SCAP
Sustainable County Infrastructure	<b>GHG 23. Reduce energy use in County-owned buildings and facilities.</b> Reduce normalized <sup>5</sup> energy use in County-owned facilities by at least 17.5% by 2030 and 20% by 2035, compared to 2014 baseline.	Baseline: 2014 Current Status: Available 2030 Target: 17.5% 2050 Target: Not established	Data Owner: Building Energy Taskforce Tracking Frequency: Annually (Metro – quarterly) Strategic Alignment: Metro Strategic Plan Dashboard, 2020 SCAP
Sustainable County Infrastructure	<b>GHG 24. Reduce Fossil Fuel Use in County-owned facilities.</b> Reduce fossil fuel use in County owned facilities by 20% by 2030; 50% by 2040; and 80% by 2050, compared to a baseline 2014.	Baseline: 2014 Current Status: Available 2030 Target: 20% 2050 Target: 80%	Data Owner: Building Energy Taskforce Tracking Frequency: Strategic Alignment: Metro Strategic Plan Dashboard, 2020 SCAP
Sustainable County Infrastructure	<b>GHG 25. Biogas utilization</b> Improve biogas collection at King County regional wastewater treatment plants such that a combined 75% or more of available biogas is sent to a productive use by 2030.	Baseline: 2025 Current Status: Available 2030 Target:75% 2050 Target: By 2035 and each year thereafter, capacity to capture 100%	Data Owner: DNRP WTD Tracking Frequency: Annually Strategic Alignment: DNRP WTD Internal Dashboard
Zero Emission Fleets	<b>GHG 26. Increase County fleet zero-emission charging infrastructure.</b> Increase installation of EV charging ports at King County facilities to 450 by 2030.	Baseline: Current Status: Available 2030 Target: 450 2050 Target:	Data Owner: King County Fleet Tracking Frequency: Quarterly Strategic Alignment:
Zero Emission Fleets	<b>GHG 27. Reduce GHG Emissions from County Fleets.</b> King County government will reduce GHG emissions from all fleet vehicle operations by 70% by 2030, compared to a 2017 baseline.	Baseline: 2017 Current Status: Available 2030 Target: 70% 2050 Target: Not established	Data Owner: King County Fleet Tracking Frequency: Quarterly Strategic Alignment: 2020 SCAP
Zero Emission Fleets	<b>GHG 28. Increase County zero-emission fleets.</b> Increase County zero-emission fleets, achieving <ul style="list-style-type: none"> <li>100% zero-emission revenue bus fleet by 2035<sup>6</sup></li> </ul>	Baseline: 2020 Current Status: Available	Data Owner: ECO Tracking Frequency: Quarterly

<sup>5</sup> Normalized energy use is measured on an energy use per square foot basis using an Energy Use Index (EUI) of BTUs per square foot per degree day. The Wastewater Treatment Division normalizes energy use based on outside air temperatures and wastewater flows.

<sup>6</sup> Metro is working on an updated zero emission transition implementation plan at the time of the SCAP transmittal. This plan will reflect how Metro will deliver reliable service, reduce GHG emissions, and meet climate goals while being responsive to the speed of zero-emissions technology advancements and financial constraints. The plan will provide an updated timeline and approach to fully transition to a zero-emissions bus fleet as quickly as possible while delivering safe, clean, reliable service customers. The updated plan will be incorporated in the Maximizing Climate Benefits in Transit Proviso that is due to County Council in August 2025.

- 67% zero-emission ADA paratransit fleet by 2040
- 40% zero-emission rideshare fleet by 2030 and 100% by 2040
- 50% electric light-duty vehicles by 2030 and 100% by 2035
- 50% zero-emission medium-duty vehicles by 2035 and 100% by 2040
- 50% zero-emission heavy-duty vehicles by 2040 and 100% by 2045

*2030 Target:* 40% zero-emission rideshare fleet, 50% electric light-duty vehicles

*Strategic Alignment:* Metro Internal MBR Dashboard, 2020 SCAP

*2050 Target:* 100% zero-emission heavy-duty vehicles, 100% zero-emission rideshare fleet

Zero Emission  
Fleets

**GHG 29. Renewable fuels.** All applicable County fleets will fuel at least 50% of diesel powered medium- and heavy-duty vehicles with renewable fuel by 2030

*Baseline:* 2025

*Current Status:* Available

*2030 Target:* 50%

*2050 Target:* Not established

*Data Owner:* King County Fleet

*Tracking Frequency:* Quarterly

*Strategic Alignment:*

**Table 2. SRFC MEASURES (18 total)**

Section	Performance Measure	Targets	Additional Information
Community leadership & community-driven policy making	<p><b>SRFC 1. Frontline communities leading on King County climate action.</b> Increase the number of frontline community members leading on climate action by establishing viable, sustainable pathways through:</p> <ul style="list-style-type: none"> <li>a. Opportunities to consult on community-driven climate action</li> <li>b. Access to climate internships in local government</li> <li>c. Access to entry-level climate, environment, and community partnership careers in local government.</li> </ul>	<p><i>Baseline:</i> 2025  <i>Current Status:</i> 50  <i>2030 Target:</i> 100  <i>2050 Target:</i> not established</p>	<p><i>Data Owner:</i> ECO  <i>Tracking Frequency:</i> Semi-Annually  <i>Strategic Alignment:</i> ESJ Strategic Plan</p>
Community leadership & community-driven policy making	<p><b>SRFC 2. Community-driven climate projects.</b> Increase the number of community-driven projects King County will fund, partner on, or otherwise advance that address the inequitable, intersecting, and cumulative impacts of climate change on frontline communities.</p>	<p><i>Baseline:</i> 2024  <i>Current Status:</i> 14  <i>2030 Target:</i> 40  <i>2050 Target:</i> not established</p>	<p><i>Data Owner:</i> ECO  <i>Tracking Frequency:</i> Semi-Annually  <i>Strategic Alignment:</i> ESJ Strategic Plan</p>
Building capacity with frontline communities & youth	<p><b>SRFC 3. King County staff advancing climate equity and enabling climate justice countywide.</b> Provide training to at least 500 staff across seven or more departments on the intersections of climate change, climate justice, root causes, and strategies to embed climate equity across diverse initiatives in King County.</p>	<p><i>Baseline:</i> 2025  <i>Current Status:</i> 25  <i>2030 Target:</i> 500  <i>2050 Target:</i> not established</p>	<p><i>Data Owner:</i> ECO  <i>Tracking Frequency:</i> Semi-Annually  <i>Strategic Alignment:</i> ESJ Strategic Plan; PHSKC Strategic Plan</p>
Building capacity with frontline communities & youth	<p><b>SRFC 4. Strengthen community capacity to address climate justice intersections.</b> Expand the number of frontline community members and youth informed on and skilled at identifying and addressing the disproportionate impacts of climate change through culturally relevant trainings, workshops, media, and events.</p>	<p><i>Baseline:</i> 2025  <i>Current Status:</i> 400  <i>2030 Target:</i> 2,000  <i>2050 Target:</i> not established</p>	<p><i>Data Owner:</i> ECO  <i>Tracking Frequency:</i> Semi-Annually  <i>Strategic Alignment:</i> ESJ Strategic Plan; PHSKC Strategic Plan</p>
Climate and economic opportunity	<p><b>SRFC 5. Advance economic justice.</b> Increase usage of ESJ credit 6 for advancing economic justice in the King County Sustainable Infrastructure Scorecard by 50%. Currently, it is at 30%, this would increase usage to 45% overall. This increase will demonstrate how economic opportunity is integrated into capital projects to deliver significant co-benefits to county residents, including skills training, workforce development, and living wage employment.</p>	<p><i>Baseline:</i> 2024  <i>Current Status:</i> 30%  <i>2030 Target:</i> 45%  <i>2050 Target:</i> not established</p>	<p><i>Data Owner:</i> ECO  <i>Tracking Frequency:</i> Annually  <i>Strategic Alignment:</i> Green Building Sustainable Infrastructure Scorecard</p>
Climate and economic opportunity	<p><b>SRFC 6. Living wage jobs for frontline communities.</b> Directly connect a minimum of 500 members of frontline communities to living-wage climate connected jobs through King County programs, campaigns, and projects. As a result, over \$100 million in wages will be generated for frontline communities.</p>	<p><i>Baseline:</i> 2025  <i>Current Status:</i> N/A  <i>2030 Target:</i> 500  <i>2050 Target:</i> not established</p>	<p><i>Data Owner:</i> ECO  <i>Tracking Frequency:</i> Annually  <i>Strategic Alignment:</i> Green Jobs Pathways Implementation Plan; King County Comprehensive Plan</p>
Community health and emergency preparedness	<p><b>SRFC 7. Growing community knowledge on climate hazards.</b> Provide frontline communities with culturally relevant information and resources enabling them to respond to accelerating climate hazards through:</p> <ul style="list-style-type: none"> <li>• Providing community trainings on local climate hazards (i.e., flooding, heat, severe winter weather, wildfire, and vector-borne disease) to at least 500 frontline community members.</li> </ul>	<p><i>Baseline:</i> 2025  <i>Current Status:</i> 0 (assuming no trainings held)  <i>2030 Target:</i> 500 frontline community members trained;</p>	<p><i>Data Owner:</i> PHSKC-EHS  <i>Tracking Frequency:</i> Annually  <i>Strategic Alignment:</i> Extreme Heat Mitigation Strategy; PHSKC Strategic Plan</p>

	<ul style="list-style-type: none"> <li>Reporting a 70% increase in knowledge and preparedness regarding climate hazards for participants in County trainings and workshops.</li> </ul>	<p>70% increase in knowledge and preparedness reported</p> <p>2050 Target: not established</p>	
Community health and emergency preparedness	<p><b>SRFC 8. Communities partnering on emergency preparedness.</b> Every five years increase the number of county-community partnerships supporting emergency preparedness for communities representing Census tracts identified as eight, nine, and 10 on the Washington State Environmental Health Disparities mapping tool.</p>	<p>Baseline: 2025</p> <p>Current Status: 0 (assuming no trainings held)</p> <p>2030 Target: 20</p> <p>2050 Target: not established</p>	<p>Data Owner: PHSKC-EHS</p> <p>Tracking Frequency: Annually</p> <p>Strategic Alignment: Extreme Heat Mitigation Strategy; PHSKC Strategic Plan</p>
Community health and emergency preparedness	<p><b>SRFC 9. Increasing farm acreage supporting underserved farmers.</b> Increase the number of acres supporting underserved farmers through King County programs and grants.</p> <ul style="list-style-type: none"> <li>By 2030, 275 acres of farm acreage in King County is supporting underserved farmers.</li> <li>By 2040, 400 acres of farm acreage in King County is supporting underserved farmers.</li> </ul>	<p>Baseline: 2025</p> <p>Current Status: 200</p> <p>2030 Target: 275</p> <p>2050 Target: not established</p>	<p>Data Owner: LFI</p> <p>Tracking Frequency: Annually</p> <p>Strategic Alignment: King County Local Food Initiative/Agricultural Financial Incentives/Farmland Access data)</p>
Food justice & food security	<p><b>SRFC 10. Increasing funding for local food access.</b> Increase King County investments in community-based projects for local food access programs such as the Farm to Food Bank program and Harvest Against Hunger. Currently the funding is \$360,000 annually and the goal is \$460,000 annually to advance food justice and food security for frontline communities. This would be an increase of 28% maintained annually.</p>	<p>Baseline: 2025</p> <p>Current Status: 0</p> <p>2030 Target: 28%</p> <p>2050 Target: not established</p>	<p>Data Owner: PHSKC-HSD</p> <p>Tracking Frequency: Annually</p> <p>Strategic Alignment: Local Food Initiative</p>
Housing security & anti-displacement	<p><b>SRFC 11. Increasing completed and awarded equitable development projects.</b> Complete CBO-led projects receiving awards that advance equitable development. If funding becomes available, King County would increase the dollars invested to close identified funding gaps to complete already funded CBO-led projects and make new awards to projects that meet the funding eligibility criteria set forth by the EDI advisory board.</p>	<p>Baseline: 2025</p> <p>Current Status: 0 (5 projects awarded)</p> <p>2030 Target: 5 (or more completed)</p> <p>2050 Target: not established</p>	<p>Data Owner: DCHS</p> <p>Tracking Frequency: Annually</p> <p>Strategic Alignment: King County Equitable Development Initiative</p>
Housing security & anti-displacement	<p><b>SRFC 12. Community-identified climate resilience.</b> Factor community-identified climate resilience goals into the planning and design of at least two equitable community-driven housing or community development projects that meet the funding eligibility criteria set forth by the EDI advisory board.</p>	<p>Baseline: 2025</p> <p>Current Status: 1</p> <p>2030 Target: 2</p> <p>2050 Target: not established</p>	<p>Data Owner: DCHS</p> <p>Tracking Frequency: Annually</p> <p>Strategic Alignment: King County Equitable Development Initiative</p>
Housing security & anti-displacement	<p><b>SRFC 13. Community-driven affordable housing projects.</b> King County supported equitable community-driven affordable housing projects will provide over 300 units and 450 bedrooms of stable income-restricted housing, reducing the risk of displacement for the households who live in them.</p>	<p>Baseline: 2025</p> <p>Current Status: 0</p> <p>2030 Target: 300 units; 450 bedrooms</p> <p>2050 Target: not established</p>	<p>Data Owner: DCHS</p> <p>Tracking Frequency: Annually</p> <p>Strategic Alignment: King County Equitable Development Initiative</p>
Energy justice & utilities	<p><b>SRFC 14. Lowering utility costs by connecting people to affordability resources.</b> Increase direct enrollments in utility affordability programs by 400 customers through establishing a “one-stop-shop” that connects residents with utility assistance and incentive programs.</p>	<p>Baseline: 2026</p> <p>Current Status: 0</p> <p>2030 Target: 400</p> <p>2050 Target: not established</p>	<p>Data Owner: ECO</p> <p>Tracking Frequency: Semi-Annually</p> <p>Strategic Alignment: Building Decarbonization and Energy Program</p>
Energy justice & utilities	<p><b>SRFC 15. Making energy efficiency available to frontline communities.</b> Increase the number of households with moderate to low incomes (below 80% AMI to 150% AMI) that receive home retrofits (i.e., heat pumps, weatherization, etc.) through King County programs and services.</p>	<p>Baseline: 2025</p> <p>Current Status: 100</p> <p>2030 Target: 800</p>	<p>Data Owner: ECO</p> <p>Tracking Frequency: Semi-Annually</p>

		<i>2050 Target: not established</i>	<i>Strategic Alignment: Building Decarbonization and Energy Program</i>
Transportation access & equity	<b>SRFC 16. Community Engagement with Metro.</b> 80 percent (on average) of medium and large transportation projects within Metro involve co-creation or shared decision-making with community.	<i>Baseline: 2025</i> <i>Current Status: 79%</i> <i>2030 Target: 80%</i> <i>2050 Target: not established</i>	<i>Data Owner: Metro</i> <i>Tracking Frequency: Biannually</i> <i>Strategic Alignment: Metro Mobility Framework; Metro Strategic Plan</i>
Transportation access & equity	<b>SRFC 17. Transit Access.</b> 80 percent of King County priority populations have convenient access to the transit network.	<i>Baseline: 2025</i> <i>Current Status: 81%</i> <i>2030 Target: 80%</i> <i>2050 Target: not established</i>	<i>Data Owner: Metro</i> <i>Tracking Frequency: Semi-Annually</i> <i>Strategic Alignment: Metro Strategic Plan</i>
Transportation access & equity	<b>SRFC 18. Affordable Housing Near Transit.</b> 50 percent of new, and 25 percent of existing, rental units within a ½ mile walk of frequent or high-capacity transit are available at or below 80 percent of the area median income (AMI).	<i>Baseline: N/A</i> <i>Current Status: 27% new; 61% existing housing</i> <i>2030 Target: 50% new; 25% existing housing</i> <i>2050 Target: not established</i>	<i>Data Owner: Metro</i> <i>Tracking Frequency: Annually</i> <i>Strategic Alignment: Metro Strategic Plan</i>

**Table 3. PREP MEASURES (19 total)**

Section	Performance Measure	Targets	Additional Information
Sea level rise preparedness	<p><b>Prep 1. Reduce shoreline buildings at risk.</b> Reduce the number of shoreline buildings considered at risk in the coastal flood hazard zone of Vashon and Maury Island by 12 buildings (net) between 2025-2030 and every five years thereafter and 70 buildings (net) by 2050 (a 10% net reduction), relative to a 2010 baseline of 700 buildings.</p>	<p><i>Baseline:</i> 2010; 700 buildings</p> <p><i>Current Status:</i> net increase of 6 buildings (2010-2023)</p> <p><i>2030 Target:</i> 12 buildings (net) removed</p> <p><i>2050 Target:</i> 70 buildings (net) removed</p>	<p><i>Data Owner:</i> DNRP-WLRD, DLS - Permitting</p> <p><i>Tracking Frequency:</i> Annually or biennially proposed, contingent on agency resources</p> <p><i>Strategic Alignment:</i> Clean Water Healthy Habitat Plan measure</p>
Sea level rise preparedness	<p><b>Prep 2. Improve natural shoreline function.</b> Protect, restore, and improve the function of natural shorelines in ways that allow marine shoreline habitats to grow and migrate with sea level rise. Relative to a 2018 baseline of 69 miles of marine shoreline in King County with hard armoring, work with partners to:</p> <ul style="list-style-type: none"> <li>o Remove 1.2-miles (net) of marine shoreline hard armoring in King County between 2025-2030 and every 5 years thereafter, and remove 7-miles (net) by 2050 (a 10% net reduction)</li> <li>o Where armoring is necessary, 50 percent of new or replacement armoring installed between 2025-2030 and every five years thereafter is soft armoring</li> </ul>	<p><i>Baseline:</i> 2018; 69 miles of marine shoreline with hard armoring</p> <p><i>Current Status:</i> net increase of 364 feet in shoreline armoring (2013-2018)</p> <p>14% of new and replacement bulkheads were soft armoring (2013 and 2018)</p> <p><i>2030 Target:</i> 1.2-mile net reduction in hard armoring; 50% of new or replacement armoring is soft armoring</p> <p><i>2050 Target:</i> Remove 7-miles (net) by 2050 (a 10% net reduction); where armoring is necessary, 50% of new or replacement armoring installed between 2020-2050 is soft armoring</p>	<p><i>Data Owner:</i> DNRP-WLRD, DLS - Permitting, external partners</p> <p><i>Tracking Frequency:</i> Annually or biennially proposed, contingent on agency resources</p> <p><i>Strategic Alignment:</i> Clean Water Healthy Habitat Plan measure</p>
River flood management	<p><b>Prep 3. Connect river floodplains.</b> Work with partners to support healthy floodplain ecosystems and reduce flood risk by connecting and restoring fully functional river floodplains in King County. Relative to a 2020 baseline of 21,320 floodplain acres identified as partially functional (12,165 acres) or not functional (9,155 acres), increase the number of fully functional floodplain acres by:</p> <ul style="list-style-type: none"> <li>o 500 acres (net) between 2025-2030 and every five years thereafter, and</li> <li>o 3,000 acres by 2050</li> </ul> <p>Fully functional river floodplains are those with native vegetation where the river is free to inundate and migrate.</p>	<p><i>Baseline:</i> 2020; 21,320 floodplain acres identified as partially functional (12,165 acres) or not functional (9,155 acres)</p> <p><i>Current Status:</i> 203 acres (2020-2025)</p> <p><i>2030 Target:</i> 500 acres</p> <p><i>2050 Target:</i> 3,000 acres</p>	<p><i>Data Owner:</i> DNRP-WLRD</p> <p><i>Tracking Frequency:</i> Annually or biennially proposed, contingent on agency resources</p> <p><i>Strategic Alignment:</i> Clean Water Healthy Habitat Plan measure</p>
River flood management	<p><b>Prep 4. Reduce river floodplain properties at risk.</b> Work with partners to reduce the number of floodplain properties at risk to river flooding and channel migration through home elevations and buyouts by:</p> <ul style="list-style-type: none"> <li>o 18 Repetitive Loss or other high-risk Repetitive Loss Area properties between 2025-2030 and every five years thereafter, and</li> <li>o 88 Repetitive Loss or other high-risk Repetitive Loss Area properties by 2050</li> </ul> <p>relative to a 2023 baseline of 166 Repetitive and Severe Repetitive Loss properties in King County and an additional 396 properties in King County Repetitive Loss Areas that have been identified for flood risk mitigation (562 properties total).</p>	<p><i>Baseline:</i> 2023; 562 properties</p> <p><i>Current Status:</i> Risk mitigated for 78 of 166 Repetitive and Severe Repetitive Loss properties (2022)</p> <p><i>2030 Target:</i> 18 Repetitive Loss or other high-risk Repetitive Loss Area properties</p> <p><i>2050 Target:</i> 88 Repetitive Loss or other high-risk Repetitive Loss Area properties</p>	<p><i>Data Owner:</i> DNRP-WLRD</p> <p><i>Tracking Frequency:</i> Annually</p> <p><i>Strategic Alignment:</i> proposed Clean Water Healthy Habitat Plan measure. Existing RMFS measure</p>

Section	Performance Measure	Targets	Additional Information
Extreme precipitation & drought mitigation	<b>Prep 5. Decrease stormwater runoff from roads.</b> Work with partners to protect salmon from toxic roadway runoff and reduce stormwater flooding. Relative to 2025, increase treatment of stormwater runoff from roads in King County by: <ul style="list-style-type: none"> <li>○ 20 miles of roadway by 2030 and every five years thereafter, and</li> <li>○ 100 miles of roadway by 2050</li> </ul>	<p><i>Baseline:</i> 2025</p> <p><i>Current Status:</i> not available at this time</p> <p><i>2030 Target:</i> 20 miles</p> <p><i>2050 Target:</i> 100 miles</p>	<p><i>Data Owner:</i> DNRP-WLRD, DLS-Roads, and external partners</p> <p><i>Tracking Frequency:</i> Annually</p> <p><i>Strategic Alignment:</i> Regional Stormwater Goals</p>
Extreme precipitation & drought mitigation	<b>Prep 6. Increase stormwater control.</b> Work with partners to clean and control stormwater runoff in King County through a mix of Green Stormwater Infrastructure (GSI), new or retrofitted detention ponds, and regional facilities including stormwater parks. Relative to 2025: <ul style="list-style-type: none"> <li>○ Provide additional flow control to 500 acres in King County by 2030 and 5,000 acres by 2050, and</li> <li>○ Initiate development and/or build at least three stormwater parks in King County by 2030 and construct a total of 30 stormwater parks by 2050.</li> </ul>	<p><i>Baseline:</i> 2025</p> <p><i>Current Status:</i> 171.5 acres of flow control; 4 stormwater parks in King County</p> <p><i>2030 Target:</i> 500 acres of additional flow control; 3 or more stormwater parks built or in development</p> <p><i>2050 Target:</i> 5,000 acres; 30 stormwater parks</p>	<p><i>Data Owner:</i> DNRP-WLRD and external partners</p> <p><i>Tracking Frequency:</i> Annually</p> <p><i>Strategic Alignment:</i> Regional Stormwater Goals</p>
Extreme heat adaptation	<b>Prep 8. Increase community-trusted cooling locations.</b> Work with communities to identify and designate five community-trusted cooling locations by 2030 for use during extreme heat events.	<p><i>Baseline:</i> 2025</p> <p><i>Current Status:</i> 0</p> <p><i>2030 Target:</i> 5</p> <p><i>2050 Target:</i> not established</p>	<p><i>Data Owner:</i> ECO</p> <p><i>Tracking Frequency:</i> Semi-Annually</p> <p><i>Strategic Alignment:</i> Extreme Heat Mitigation Strategy</p>
Extreme heat adaptation	<b>Prep 9. Provide community trainings on heat.</b> Provide heat preparedness trainings or related heat safety learning opportunities to at least 500 frontline community members, community-based organization staff, and service provider staff by 2030.	<p><i>Baseline:</i> 2025</p> <p><i>Current Status:</i> 0</p> <p><i>2030 Target:</i> 500 people</p> <p><i>2050 Target:</i> not established</p>	<p><i>Data Owner:</i> ECO, Public Health-Seattle &amp; King County</p> <p><i>Tracking Frequency:</i> Annually</p> <p><i>Strategic Alignment:</i> Extreme Heat Mitigation Strategy; SRFC Measure 7</p>
Forest resilience & urban tree canopy expansion	<b>Prep 10/GHG 16. Increase acres restored.</b> Relative to 2020, restore 2,000 acres of forests and natural areas on Parks-managed properties to improve climate change resiliency and enhance potential for carbon sequestration.	<p><i>Baseline:</i> 2020</p> <p><i>Current Status:</i> 1,333 acres (2024)</p> <p><i>2030 Target:</i> 2,000 acres</p> <p><i>2050 Target:</i> not established</p>	<p><i>Data Owner:</i> DNRP - Parks</p> <p><i>Tracking Frequency:</i> Quarterly</p> <p><i>Strategic Alignment:</i> 2025 SCAP: <u>shared performance measure with Forest &amp; Agriculture Focus Area in GHG section.</u></p>
Forest resilience & urban tree canopy expansion	<b>Prep 11. Implement forest stewardship plans.</b> Relative to 2025: <ul style="list-style-type: none"> <li>○ At least 200 landowners are participating in forest stewardship technical training annually by 2030, and</li> <li>○ At least 90 percent of participants are implementing actions included in forest stewardship plans 1-, 3- and 8-years post training.</li> </ul>	<p><i>Baseline:</i> 2025</p> <p><i>Current Status:</i> 166 landowners; 1-year: 86 percent, 3-year: 80 percent; 8-year: 90 percent</p> <p><i>2030 Target:</i> 200 landowners annually; 90 percent (1,3,8 years)</p> <p><i>2050 Target:</i> not established</p>	<p><i>Data Owner:</i> DNRP-WLRD and external partners</p> <p><i>Tracking Frequency:</i> Annually</p> <p><i>Strategic Alignment:</i> Existing WLRD-AFI performance measure</p>
Forest resilience & urban tree canopy expansion	<b>Prep 12. Expand urban tree canopy.</b> Complete at least 10 urban canopy projects that plant at least 1,000 trees between 2025 and 2030 to enhance and increase tree cover in low-canopy areas and heat islands within urban unincorporated King County.	<p><i>Baseline:</i> 2025</p> <p><i>Current Status:</i> 1 project, 162 trees</p> <p><i>2030 Target:</i> 10 projects; 1,000 trees</p> <p><i>2050 Target:</i> not established</p>	<p><i>Data Owner:</i> DNRP-WLRD and external partners</p> <p><i>Tracking Frequency:</i> Annually</p> <p><i>Strategic Alignment:</i> Extreme Heat Mitigation Strategy; 30-Year Forest Plan</p>

Section	Performance Measure	Targets	Additional Information
Wildfire risk reduction	<b>Prep 13. Support residential wildfire mitigation.</b> Provide trainings, technical assistance, or related wildfire risk reduction learning opportunities to at least 500 King County residents by 2030.	<i>Baseline:</i> 2025 <i>Current Status:</i> 100 (2024) <i>2030 Target:</i> 500 <i>2050 Target:</i> not established	<i>Data Owner:</i> DNRP-WLRD, DES-OEM <i>Tracking Frequency:</i> Annually <i>Strategic Alignment:</i> King County Wildfire Risk Reduction Strategy
Wildfire risk reduction	<b>Prep 14. Help neighborhoods be prepared.</b> Work with partners to grow and maintain the number of active neighborhood preparedness groups in unincorporated King County. By 2030, relative to 2025, 10 neighborhood groups are actively engaged in wildfire risk reduction.	<i>Baseline:</i> 2025 <i>Current Status:</i> 8 <i>2030 Target:</i> 10 <i>2050 Target:</i> not established	<i>Data Owner:</i> DNRP-WLRD, DES-OEM, and external partners <i>Tracking Frequency:</i> Annually <i>Strategic Alignment:</i> King County Wildfire Risk Reduction Strategy
Wildfire risk reduction	<b>Prep 15. Wildfire plans and projects are being implemented.</b> Community wildfire plans and projects are being implemented. By 2030: <ul style="list-style-type: none"> <li>100 percent of wildland-urban interface jurisdictions (12) have or are covered by a current wildfire mitigation plan.</li> <li>At least 50 percent of priority King County Community Wildfire Protection Plan actions are being implemented.</li> </ul>	<i>Baseline:</i> 2025 <i>Current Status:</i> not available <i>2030 Target:</i> 100 percent (12) jurisdictions; 50 percent of priority CWPP actions <i>2050 Target:</i> not established	<i>Data Owner:</i> DNRP-WLRD, DES-OEM, and external partners <i>Tracking Frequency:</i> Annually <i>Strategic Alignment:</i> King County Wildfire Risk Reduction Strategy
Salmon recovery & habitat connectivity	<b>Prep 16. Restore habitat access.</b> Work with partners to restore access to salmon and kokanee habitat in King County. Relative to 2020: <ul style="list-style-type: none"> <li>Access to at least 20% of salmon and kokanee habitat blocked by King County-owned barriers has been restored by 2030.</li> <li>Access to 2/3rds (~67%) of King County's salmon habitat and all the kokanee habitat has been restored by 2050.</li> </ul>	<i>Baseline:</i> 2020 <i>Current Status:</i> 6.2 percent (2025) <i>2030 Target:</i> 20 percent <i>2050 Target:</i> 66 percent	<i>Data Owner:</i> DNRP - WLRD <i>Tracking Frequency:</i> Annually <i>Strategic Alignment:</i> Clean Water Healthy Habitat Plan measure
Wildfire risk reduction	<b>Prep 17. Increase salmon survival.</b> Salmon populations are recovering throughout all major watersheds. Relative to 2020: <ul style="list-style-type: none"> <li>Juvenile salmon survival numbers are increasing by 2030</li> <li>Juvenile salmonid survival is approaching historic healthy levels by 2050</li> </ul>	<i>Baseline:</i> 2020 <i>Current Status:</i> declining overall (varies by watershed) <i>2030 Target:</i> Increasing <i>2050 Target:</i> Approaching historic healthy levels	<i>Data Owner:</i> DNRP-WLRD and external partners <i>Tracking Frequency:</i> Annually <i>Strategic Alignment:</i> Clean Water Healthy Habitat Plan measure
Climate-ready capital projects	<b>Prep 18. Adapt capital planning and projects.</b> Integrate climate change projections into planning for capital infrastructure projects. Relative to 2025: <ul style="list-style-type: none"> <li>The number capital planning projects designed and built by King County that have accounted for climate change is increasing over time, and</li> <li>By 2035, 100% of projects are accounting for climate change impacts, as appropriate.</li> </ul>	<i>Baseline:</i> 2025 <i>Current Status:</i> not available <i>2030 Target:</i> increasing <i>2035 Target:</i> 100 percent	<i>Data Owner:</i> ECO, KC agencies <i>Tracking Frequency:</i> Annually <i>Strategic Alignment:</i> Green Building Scorecard, CIPs
Regional capacity across climate hazards	<b>Prep 19. Empower collaboration.</b> Pursue or otherwise help secure at least \$500,000 in total grant funding by 2030, relative to 2025, for projects that support climate preparedness partnerships in King County and/or the Puget Sound region.	<i>Baseline:</i> 2025 <i>Current Status:</i> \$10,000 <i>2030 Target:</i> \$500,000 <i>2050 Target:</i> not established	<i>Data Owner:</i> ECO <i>Tracking Frequency:</i> Annually <i>Strategic Alignment:</i>



## Appendix B. Considered Measures

Tracking performance measures is essential to evaluating King County's progress toward its climate commitments and ensuring accountability across multiple sectors. The two tables below list the additional performance measures considered for inclusion. Each entry in the table details specific performance measures and provides a brief rationale for why it was not selected.

**Table 4. RETIRED MEASURES (28 total)**

<i>Section</i>	<i>Performance Measure</i>	<i>Rationale for not Including</i>	<i>Additional Information</i>
<i>Transportation and Land Use</i>	<b>GHG 03: Regional Trails:</b> By 2025, increase the number of new regional trail miles constructed; 10 miles of new paved or soft-surfaced interim regional trails completed; three critical crossings (bridges or other critical crossings) completed; and two intermodal/community to the regional trails system completed.	Actionability & decision-making value	Activity-based metric of King County investments to support connecting bike infrastructure, however, as a performance measure, of limited value in order to drive decision-making or indicator of increased bike ridership to reduce transportation emissions.
<i>Transportation and Land Use</i>	<b>GHG 07: Clean Fuels:</b> Reduce transportation fuel GHG emissions intensities by at least 20% by 2030, compared to 2017 levels	Actionability & decision-making value; Data availability and quality	Intended to monitor progress of implementation of WA Clean Fuel Standard. Data limitations on King County specific transportation fuel data. Limited levels for King County to support Clean Fuel Standard enforcement by tracking fuel sold.
<i>Transportation and Land Use</i>	<b>GHG 08: Electric Vehicles:</b> Increase percentage of new vehicles sold that are electric vehicles: 100% of light duty vehicles by 2035; 50% of medium duty by 2035; and 28% of heavy duty by 2035.	Actionability & decision-making value; Data availability and quality; Duplication or redundancy	Intent to monitor progress of implementation of WA Motor Vehicle Emission Standards. Data available from WA Dept of Licensing does not allow for comparison of vehicles by weight class type sold in King County. King County is focused on supporting public EV charging, recommendation to pivot to tracking public EV chargers and not EVs in King County.
<i>Building and Facility Energy Use</i>	<b>GHG 11: Energy Use in Existing Buildings:</b> Reduce energy use in all existing buildings in King County by 25% by 2030 and 45% by 2050 compared to a 2017 baseline.	Actionability & decision-making value; Data availability and quality; Duplication or redundancy	King County and partners are encouraging buildings to pivot to all-electric systems, for heating, hot water heating, and vehicle charging. Vehicle charging is not separated out from utility data in King County. As a result, it is not possible to set a target or evaluate whether an increase or decrease in energy use is desirable. An increase may be a sign of increased residential EV charging, or failed energy efficiency. Data available make it impossible to distinguish. Instead, performance measures focus on fossil fuel use in buildings and EV charger availability.
<i>Building and Facility Energy Use</i>	<b>GHG 13: Clean Electricity:</b> Implement the Washington State Clean Energy Transformation Act, which phases out coal-fired electricity sources by 2025 and requires 80% carbon neutral electricity by 2030, and 100% clean electricity by 2045; increase countywide renewable electricity supply to 90%, limit construction of new natural gas based electricity power plants, and seek to establish a more resilient energy system, Supporting targets that seek increased supplies of distributed generation, storage, and demand-side conservation: • New distributed generation (solar): 10 MW/year beginning in 2020, reaching 100 MW countywide by 2030 and 250 MW countywide by 2045. • Energy storage: 100MW per utility serving King County by 2030 and 200 MW per utility by 2045. • Demand response technologies: >5% of peak utility load by 2030, >10% of peak utility load by 2045.	Actionability & decision-making value; Data availability and quality; Duplication or redundancy	Data not available for many supporting targets. King County will continue to monitor and hold utilities and state agencies accountable for ensuring that the WA Clean Energy Transformation Act is fully implemented and the WA UTC tracks and reports on this progress. Tracking the progress for King County specifically, was found to be of limited decision-making value.

<i>Section</i>	<i>Performance Measure</i>	<i>Rationale for not Including</i>	<i>Additional Information</i>
<i>Building and Facility Energy Use</i>	<b>GHG 16: Renewable Energy Consumption:</b> King County government shall consume renewable energy equal to 80% of government operation facility energy consumption by 2025 and 95% by 2030.	Actionability & decision-making value; Duplication or redundancy	King County remains committed to purchasing all renewable energy for government operations and recently extended the contract with PSE Green Direct. Tracking this performance measure was found to be of limited decision-making value. Changes are based on power purchase agreements and contracts, no changes made based on monitoring. King County will continue to report how the much renewable electricity is purchased and the GHG emission reduction benefit.
<i>Building and Facility Energy Use</i>	<b>GHG 17: Solar Energy Production:</b> King County agencies shall have 1.5 or more megawatts (1,500 kilowatts DC) of solar energy installed at its facilities by the end of 2025.	Actionability & decision-making value; Duplication or redundancy	King County remains committed to expanding solar installations, with requirements for feasibility assessments at facilities and consideration for new capital projects. Having requirements in place to ensure solar is considered in capital planning and projects has been more effective to drive installation than tracking solar installed. King County will continue to monitor solar installations and report as part of priority action progress updates.
<i>Green Building</i>	<b>GHG 18: Energy Code:</b> Implement Washington State Energy Code, which requires newly constructed buildings to move toward incrementally stronger efficiency performance, including a 70% energy reduction and net-zero GHG emissions in new buildings by 2031.	Actionability & decision-making value	The WA Energy Code remains one of the critical state policies that King County is committed to defend. Tracking the incremental progress of the WA Energy Code will be monitored and reported as part of priority actions updates. However, it was not a useful tool to drive decision-making.
<i>Green Building</i>	<b>GHG 19: Green Building Performance/Certifications:</b> By 2025, 75% of new residential dwelling units achieve: Built Green 4 Star or better, high level Evergreen Sustainable Development Standard, LEED Gold, or Petal, Zero Energy, Zero Carbon, CORE, or Passive House Certification. By 2030, 100% of new residential dwelling units achieve: Built Green 4 Star or better, high level Evergreen Sustainable Development Standard, LEED Gold, Petal, Zero Energy, Zero Carbon, CORE, or Passive House Certification. By 2035, 50% of new residential dwelling units achieve, in equal portions, Built Green Emerald Star, LEED Platinum, Living Building Challenge, or equivalent green building certification.	Data availability and quality	Independent third-party green building certification programs do not regularly report and make available information on residential units by County. This data was not consistently available and as a result of poor quality.
<i>Green Building</i>	<b>GHG 20: Construction &amp; Demolition Materials Countywide:</b> By 2025, achieve an 85% C&D materials diversion rate from building development sites across King County, excluding Seattle and Milton. By 2030, achieve zero waste of C&D materials resources with economic value.	Data availability and quality	Data relies on reporting from WA Dept of Ecology, which has been inconsistently reported with delays of up to four years. King County staff have worked to engage state agency staff, but have not been able to improve the reliability and frequency of data reported. King County will continue to reference and utilize data reported by the state to inform priority setting, however infrequent data is not useful for decision-making or regular reporting
<i>Green Building</i>	<b>GHG 24: Water Use:</b> King County government will reduce potable water use by 5% by 2025, and 10% reduction by 2030 compared to 2020 baseline.	Data availability and quality	Data for electronic tracking of water use is only currently available from Seattle Public Utilities. All other utility data on water use, must be hand entered. This makes data tracking and monitoring challenging with limited staffing resources. Attention has been focused on efforts to reduce water use in capital project design.
<i>Green Building</i>	<b>GHG 25: ZE/LBC Projects:</b> By 2025, King County will identify and will make substantial progress in the design, construction or certification process for at least 20 projects pursuing International Living Future Institute Zero Energy; Living Building Challenge, Energy Petal, or Zero Carbon; or U.S. Green Building Council LEED Platinum plus Zero Energy or Zero Carbon	Alignment with climate objectives and best practices; Duplication or redundancy	Pivoting to updating requirements for infrastructure and new construction projects via Green Building Ordinance in King County Code. Progress on 3 <sup>rd</sup> party zero energy and living building challenge projects will continue to be reported as part of performance measure tracking Green Building Ordinance compliance.

<i>Section</i>	<i>Performance Measure</i>	<i>Rationale for not Including</i>	<i>Additional Information</i>
	certifications; or comparable carbon neutral performance. This will be approximately 50% of applicable projects that are projected to be completed by 2025. By 2030, 100% of completed projects will achieve net zero GHG performance.		
<i>Consumption &amp; Materials</i>	<b>GHG 26: Zero Waste of Resources:</b> By 2030, zero waste of resources that have economic value for reuse or recycling.	Alignment with climate objectives and best practices	In King County, construction and demolition debris are one of the largest sources of wasted materials. Recommendation to pivot to focus in on zero waste of resources with economic value from construction and demolition debris. This is a waste stream where King County is focusing time and attention, having a performance measure focused on this sector is more useful for decision-making.
<i>Consumption &amp; Materials</i>	<b>GHG 27: Zero Food Waste:</b> By 2030, zero food waste is disposed of in Cedar Hills landfill.	Alignment with climate objectives and best practices; Data availability and quality	Future efforts are focused on improving organics and food waste collection, in order to reduce food waste in the landfill. The recommended performance measure focused on tracking increase in organics collection. This performance measure will support decision-making and priority setting in the near-term. Waste survey studies on food waste in the landfill are only available every 2-years.
<i>Consumption &amp; Materials</i>	<b>GHG 29: Paper Use:</b> Compared to 2015 levels, reduce copy paper usage at King County facilities by 40% by 2025.	Alignment with climate objectives and best practices	King County successfully adopted several strategies to reduce paper usage at facilities. The pivot to hybrid work environment reduced the overall demand for paper. This metric is no longer useful for decision-making on 2025 SCAP priorities.
<i>Forest &amp; Agriculture</i>	<b>GHG 31: Equity Area Land Acquisitions/Investments:</b> Invest \$25 million to improve public access to green space in equity open space opportunity areas (defined by health, income, and park access metrics), including at least five properties acquired annually across the county (25 by 2025). Provide enhanced land access opportunities for immigrant, refugee, and underrepresented communities in south King County.	Duplication or redundancy	Tracking will be rolled into 2025 SCAP tracking of land acquisitions. Ongoing commitment to provide land access opportunities for immigrant, refugee, and underrepresented communities in south King County will be monitored in priority action updates.
<i>Forest &amp; Agriculture</i>	<b>GHG 32: Climate Considerations / Stewardship Plans:</b> By 2021, all forest and farm stewardship plans approved by King County will include specific actions to enhance carbon sequestration and improve climate resilience.	Alignment with climate objectives and best practices	2025 SCAP performance measures focus on outcome-based measures for Forest & Agriculture
<i>Forest &amp; Agriculture</i>	<b>GHG 33: Forest &amp; Farm Stewardship Plans:</b> By 2025, 100% of Parks' forested sites larger than 200 acres (~32 sites) will have Forest Stewardship Plans and all County-owned farms will have stewardship plans developed and implemented that include climate-friendly and regenerative farm practices.	Alignment with climate objectives and best practices	2025 SCAP performance measures focus on outcome-based measures for Forest & Agriculture
<i>Forest &amp; Agriculture</i>	<b>GHG 36: Tree Canopy/White Center &amp; Skyway:</b> Increase tree canopy above baseline in unincorporated urban King County with lowest coverage (White Center and Skyway) measured as part of 30-Year Forest Plan	Data availability and quality	King County is unable to regularly update tree canopy survey data on a time sequence that would coincide with SCAP. Pivot to other metrics for urban forestry.
<i>Climate Preparedness</i>	<b>Performance Measure Prep 1:</b> King County policies, plans, practices, and procedures require consideration of climate impacts, where relevant, as part of decision processes	Alignment with climate objectives and best practices	2025 climate preparedness performance measurement framework updated to align with new focus areas and to focus on outcome-based measures for dashboard. Closeout reporting on this measure included in 2025 SCAP.

<i>Section</i>	<i>Performance Measure</i>	<i>Rationale for not Including</i>	<i>Additional Information</i>
<i>Climate Preparedness</i>	<b>Performance Measure Prep 2:</b> King County is accounting for climate impacts in decision processes and implementing climate resilient actions	Alignment with climate objectives and best practices	2025 climate preparedness performance measurement framework updated to align with new focus areas and to focus on outcome-based measures for dashboard. Closeout reporting on this measure included in 2025 SCAP.
<i>Climate Preparedness</i>	<b>Performance Measure Prep 3:</b> SCAP climate preparedness actions are achieving their expected outcomes.	Alignment with climate objectives and best practices	2025 climate preparedness performance measurement framework updated to align with new focus areas and to focus on outcome-based measures for dashboard. Closeout reporting on this measure included in 2025 SCAP.
<i>Climate Preparedness</i>	<b>Performance Measure Prep 4:</b> King County staff are accessing and applying relevant research, data, guidance, and other technical information related to climate impacts and climate preparedness.	Alignment with climate objectives and best practices	2025 climate preparedness performance measurement framework updated to align with new focus areas and to focus on outcome-based measures for dashboard. Closeout reporting on this measure included in 2025 SCAP.
<i>Climate Preparedness</i>	<b>Performance Measure Prep 5:</b> King County is funding or otherwise pursuing the technical information and research needed to inform climate resilient decision making and sharing that technical information with other	Alignment with climate objectives and best practices	2025 climate preparedness performance measurement framework updated to align with new focus areas and to focus on outcome-based measures for dashboard. Closeout reporting on this measure included in 2025 SCAP.
<i>Climate Preparedness</i>	<b>Performance Measure Prep 6:</b> Health and equity are being prioritized in climate preparedness actions and activities.	Alignment with climate objectives and best practices	2025 climate preparedness performance measurement framework updated to align with new focus areas and to focus on outcome-based measures for dashboard. Closeout reporting on this measure included in 2025 SCAP.
<i>Climate Preparedness</i>	<b>Performance Measure Prep 7:</b> King County is building and/or supporting the collaborations and partnerships necessary to make progress on climate preparedness outcomes and improving regional resilience.	Alignment with climate objectives and best practices	2025 climate preparedness performance measurement framework updated to align with new focus areas and to focus on outcome-based measures for dashboard. Closeout reporting on this measure included in 2025 SCAP.
<i>Climate Preparedness</i>	<b>Performance Measure Prep 8:</b> King County staff have the tools, resources, and information needed to support increased outreach, engagement, and technical assistance about climate change with the communities they serve.	Alignment with climate objectives and best practices	2025 climate preparedness performance measurement framework updated to align with new focus areas and to focus on outcome-based measures for dashboard. Closeout reporting on this measure included in 2025 SCAP.
<i>Climate Preparedness</i>	<b>Performance Measure Prep 9:</b> King County programs are creating diverse opportunities for residents to learn about climate impacts and climate action in King County.	Alignment with climate objectives and best practices	2025 climate preparedness performance measurement framework updated to align with new focus areas and to focus on outcome-based measures for dashboard. Closeout reporting on this measure included in 2025 SCAP.

**Table 5. OTHER CONSIDERED MEASURES (30 total)**

<i>Section</i>	<i>Performance Measure</i>	<i>Rationale for not Including</i>	<i>Additional Information</i>
<i>Greenhouse Gas Emissions</i>	<b>1. Percentage of vehicles in King County that are ICE</b>	Actionability & decision-making value; Data availability and quality; Duplication or redundancy	While King County intends to monitor progress of implementation of WA Motor Vehicle Emission Standards, the currently available data from WA Dept of Licensing does not allow for comparison of vehicles by weight class type sold in King County. Staff recommend tracking public EV chargers, rather than vehicles, because this has a direct relationship with SCAP focus on providing public EV charging stations.
<i>Greenhouse Gas Emissions</i>	<b>2. Fugitive methane emissions</b>	Data availability and quality	Fugitive methane emissions data from landfills and wastewater treatment plants is modeled and at an annual or semi-annual frequency. There is limited variability based on estimation methods. King County SWD and WTD monitor data and use it to inform CIPs and other resource planning.
<i>Greenhouse Gas Emissions</i>	<b>3. Energy Use countywide or by household</b>	Actionability & decision-making value; Data availability and quality	(see above list of dropped PMs)
<i>Greenhouse Gas Emissions</i>	<b>4. Renewable energy generated in King County</b>	Data availability and quality	Utilities do not provide information on distributed renewable energy generation, nor does another reliable database exist.
<i>Greenhouse Gas Emissions</i>	<b>5. Bikes on transit</b>	Data availability and quality	Data is not regularly available.
<i>Greenhouse Gas Emissions</i>	<b>6. Number of users of regional trails</b>	Data availability and quality	No system currently in place to measure county bike trail users.
<i>Greenhouse Gas Emissions</i>	<b>7. Food waste in landfill</b>	Alignment with climate objectives and best practices; Data availability and quality	(see above list of dropped PMs)
<i>Greenhouse Gas Emissions</i>	<b>8. SWD and WTD emissions</b>	Duplication or redundancy	Data is monitored and reported as part of King County Government Operational emissions.
	<b>9. Number of housing units developed on Metro-owned transit-oriented developed sites</b>	Alignment with climate objectives and best practices	Added 2025 SCAP PM - Transit Oriented Communities. Increase housing and job growth within growth centers located within a ½ mile of frequent transit service to 97% by 2030 and 100% by 2050. Reported and tracked as part of the Metro Transit Strategic Plan.
<i>Greenhouse Gas Emissions</i>	<b>10. Roads with Bike lanes or bike safety features in unincorporated King County</b>	Data availability and quality	This is work planned and underway to prepare for the next comprehensive plan update to support compliance with the climate change element of HB 1181.
<i>Greenhouse Gas Emissions</i>	<b>11. Number of homes in unincorporated King County with solar power</b>	Data availability and quality	Utilities do not provide data on homes with solar power, independent data at the County scale not available. Best data source could be permit data, no existing searchable database exists.
<i>Sustainable and Resilient Frontline Communities</i>	<b>12. Locally acquired vector-borne disease in King County</b>	Data availability and quality	This measure is tracked and reported routinely by PHSKC as one of their climate and health indicators on an annual basis. It is not currently ready to serve as a performance measure on 2025 SCAP actions. The 2025 SCAP includes an action to further develop and fund this approach for future use.
<i>Sustainable and Resilient</i>	<b>13. Emergency department visits involving asthma among King County residents</b>	Actionability & decision-making value	This measure is a great indicator tracked by PHSKC and relevant to climate, however, it would provide imprecise detail for direct relations to the climate activities in the SCAP. The climate team at PHSKC continues to explore how

Section	Performance Measure	Rationale for not Including	Additional Information
Frontline Communities			this and related measures can be more precisely defined by demographic, community, and individual characteristics to inform programs and policies.
Sustainable and Resilient Frontline Communities	<b>14. Health costs in King County related to climate change</b>	Data availability and quality	This measure can provide excellent insight into the social costs of an intervention and action, however, the data and methodology for this measure is currently underdeveloped in the public health field and would require additional resources to bring in health economists and new data. The climate team at PHSKC is applying to grants and specifically seeking how to support this measure, as they build tools to more precisely inform programs and policies.
Sustainable and Resilient Frontline Communities	<b>15. Clean energy jobs in King County</b>	Duplication or redundancy	This is being tracked through a performance measure for climate jobs and careers focused on frontline communities directly related to strategies in the 2025 SCAP SRFC section. Progress will be measured annually by tracking employment outcomes from county programs, events, and capital projects in collaboration with external partners and county departments.
Sustainable and Resilient Frontline Communities	<b>16. Consumer savings from energy efficiency standards</b>	Duplication or redundancy	This measure is tracked through the proposed performance measure on number of enrollments in energy savings efforts.
Climate Preparedness	<b>17. Number of acres in agricultural use</b>	Duplication or redundancy	The USDA conducts an Agriculture Census every five years measuring the number of acres in production. The measures currently included for the 2025 SCAP are directly related to strategies in the SCAP focused on protecting Ag land acreage and increasing the number of acres of King County farmland BIPOC farmers use.
Climate Preparedness	<b>18. Soil health (think avoiding dust bowls)</b>	Actionability & decision-making value	This is a helpful context measure, but the proposed performance measures on farmland owned by underserved populations, funding for local food access, and acres of forest restored incorporate this data point and take it further to provide more actionable information that is closely tied with proposed 2025 SCAP strategies
Climate Preparedness	<b>19. Water temperature for selected lakes and waterbodies in King County</b>	Actionability & decision-making value	This is a helpful context measure, but the proposed performance measures on habitat access and salmon survival rates incorporate this data point and take it further to provide more actionable information that is closely tied with proposed 2025 SCAP strategies
Climate Preparedness, Sustainable and Resilient Frontline Communities	<b>20. Emergency department visits for heat-related illness among King County residents</b>	Duplication or redundancy	This is a helpful context measure for providing real-time information and PHSKC tracks these details on a 24-hour basis during an extreme heat response effort. PHSKC also reports annual numbers as one of their climate and health indicators. As a future opportunity, the climate team at PHSKC continues to explore how this and related measures can be more precisely defined by demographic, community, and individual characteristics to inform climate preparedness programs and policies.
Climate Preparedness	<b>21. Number of CSO events</b>	Duplication or redundancy	Combined sewer overflows (CSOs) are currently tracked and reported on by the WTD ( <a href="#">annual report</a> , <a href="#">operational performance metrics</a> ). Other stormwater measures are included that are not tracked on public-facing dashboards and provide multiple benefits. For example, the stormwater parks measure can provide heat risk reduction benefits by increasing green space.

<i>Section</i>	<i>Performance Measure</i>	<i>Rationale for not Including</i>	<i>Additional Information</i>
<i>Climate Preparedness</i>	<b>22. Deaths from extreme heat related events</b>	Actionability & decision-making value	While this is an important context number, it not a good performance measure for the SCAP because of the dependency on having an extreme heat event each summer to track progress. It is more helpful to have measures that are more closely related to the actions the County is taking to reduce or avoid deaths. As a future opportunity, the climate team at PHSKC continues to explore how this and related measures can be more precisely defined by demographic, community, and individual characteristics to inform programs and policies.
<i>Climate Preparedness</i>	<b>23. Deaths from extreme cold related events</b>	Alignment with climate objectives and best practices	Not a focus of the SCAP. Similar to the heat action, having a measure that is more closely related to the actions needed to take to prevent deaths from extreme weather events is more helpful. PHSKC has a current project exploring extreme cold with the University of Washington and the National Weather Service to develop tools and resources to inform the response.
<i>Climate Preparedness</i>	<b>24. Reduction in temperatures in previously mapped "heat islands"</b>	Data availability and quality	This would require expensive remapping on an annual basis. Will want to remap periodically or consider remapping priority areas. Could be a 2030 SCAP action or something grant funding is pursued for by 2030. Also monitoring how mapping practices and technology evolve. Different mapping approaches could allow for more frequent mapping.
<i>Climate Preparedness</i>	<b>25. Acres of additional park/green space created in heat islands</b>	Duplication or redundancy	Covered via combination of 2025 SCAP performance measures: new Urban Tree Canopy measure (Climate Prep measure 13), Build Stormwater Parks measure (Climate Prep measure 5), and Protect natural lands and urban greenspaces (GHG measure 15).
<i>Climate Preparedness</i>	<b>26. Number of homes completing "FireWise" Assessments</b>	Actionability & decision-making value	King County does not have a role in completing the assessments so setting a target and reporting would be entirely dependent on external partners and not connected to King County programmatic work. Climate prep measures 14 and 15 cover this to some degree.
<i>Climate Preparedness</i>	<b>27. Number of impassable/closed king county road segments</b>	Data availability and quality	Data not available. Additionally, in the context of wildfire, what roads are impassable or closed is dependent on the location and behavior of a fire.
<i>Climate Preparedness</i>	<b>28. Number of active neighborhood preparedness groups in unincorporated King County</b>	Duplication or redundancy	Covered by climate preparedness performance measure 15
<i>Climate Preparedness</i>	<b>29. Climate Preparedness and Resilient Actions in local comprehensive plans for K4C cities</b>	Actionability & decision-making value	This work is already well underway in response to HB 1181 (2023) so having a measure at this point would not influence much.
<i>Climate Preparedness</i>	<b>30. Number of hours of support/funding to local justifications from the Puget Sound Climate Preparedness Collaborative</b>	Actionability & decision-making value	This will be tracked as part of the NOAA grant however this doesn't measure other aspects of regional support in the Regional Capacity Across Climate Hazards focus area (too narrowly focused)