

## Performance Measures Comparison 2020 SCAP vs. 2025 SCAP<sup>1</sup>

| #      | 2020 Performance Measure   | 2025 Performance Measure  | Changes in 2025   |
|--------|--|---|---|
| GHG 01 | Countywide GHG Emissions. Reduce countywide sources of GHG emissions, compared to a 2007 baseline, by 25 percent by 2020, 50 percent by 2030, and 80 percent by 2050. Pursue additional goals and actions to sequester carbon and reduce emissions from consumption of goods and services. | GHG 1. Reduce Countywide GHG Emissions. Reduce countywide sources of GHG emissions, compared to a 2007 baseline, 50 percent by 2030, 75 percent by 2040, and 95 percent 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. | Adds targets for 2040; increases 2050 target from 80% to 95%. This is consistent with the Countywide Planning Policies and King County Comprehensive Plan (KCCP). |
| GHG 02 | Operational GHG Emissions. King County shall reduce total GHG emissions from government operations, compared to a 2007 baseline, by at least 25 percent by 2020, 50 percent by 2025, and 80 percent by 2030.   | GHG 19. Government Operational GHG Emissions. Reduce total GHG emissions from government operations, compared to 2007 baseline, by 50 percent by 2025 and 80 percent by 2030. Additionally, reduce these emissions by at least 95 percent by 2050, in support of the countywide GHG emissions reduction target.   | 2020 GHG 02 is now 2025 GHG 19 and adds 2050 target of 95%. The 2050 target is new policy not contained in the KCCP.  |

<sup>1</sup> Further information on the reasoning for changes to performance measures can be found in the [Climate Dashboard Performance Measures Report](#)

| #      | 2020 Performance Measure  | 2025 Performance Measure  | Changes in 2025  |
|--------|---|---|--|
| GHG 03 | Transit Ridership. Increase annual passenger boardings on transit services in King County, including Metro Transit and Sound Transit, to<br>• 231 million annual passenger boardings by 2025<br>• 269 million annual passenger boardings by 2030<br>• 378 million annual passenger boardings by 2040                    | GHG 9. Transit Ridership. Increase annual passenger boardings on transit services in King County, including Metro Transit and Sound Transit to:<br>• 187 million annual passenger boardings by 2030<br>• 308 – 326 million annual passenger boardings by 2040<br>• 364 – 413 million annual passenger boardings by 2050 | 2020 GHG 03 is now 2025 GHG 09 and lowers the annual boarding targets for 2030 by 82 million, provides a range for the 2040 target instead of a specific number, and adds a target for 2050. |
| GHG 04 | Car Trips. Reduce total VMT for passenger vehicle and light trucks by: 20 percent below 2017 by 2030; 28 percent below 2017 levels by 2050  | GHG 8. Car Trips. Reduce total vehicle miles traveled for passenger vehicle and light trucks by 20 percent by 2030 and 28 percent by 2050, compared to 2017 levels.   | 2020 GHG 04 is now 2025 GHG 08; no other changes.  |
| GHG 05 | Land Use. At least 98.5 percent of new countywide residential construction inside the Urban Growth Area (UGA), as proposed in Vision 2050.  | GHG 2. Focusing growth within the Urban Growth Area. Consistent with VISION 2050 and the King County Countywide Planning Policies, ensure 98 percent of growth is focused within the Urban Growth Area.   | 2020 GHG 05 is now 2025 GHG 02; no other changes.  |
| GHG 06 | Regional Trails. 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. | N/A   | 2020 GHG 06 is not proposed for retention in the 2025 SCAP.  |

| #      | 2020 Performance Measure   | 2025 Performance Measure  | Changes in 2025   |
|--------|--|---|---|
| GHG 07 | Clean Fuels. Reduce transportation fuel GHG emissions intensities by at least 20 percent by 2030, compared to 2017 levels  | N/A   | 2020 GHG 07 is not proposed for retention in the 2025 SCAP. |
| GHG 08 | Electric Vehicles. Increase percentage of new vehicles sold that are electric vehicles: • 100 percent of light duty vehicles by 2035; • 50 percent of medium duty by 2035, and • 28 percent of heavy duty by 2035. | N/A   | 2020 GHG 08 is not proposed for retention in the 2025 SCAP. |
| GHG 09 | GHG Emissions from County Fleet Vehicles. In its vehicle operations, King County will reduce GHG emissions by 45 percent by 2025 and 70 percent by 2030, compared to a 2017 baseline.                              | GHG 27. Reduce GHG Emissions from County Fleets. King County government will reduce GHG emissions from all fleet vehicle operations by 70 percent by 2030, compared to a 2017 baseline. | 2020 GHG 09 is now 2025 GHG 27; no other changes.           |

| #      | 2020 Performance Measure   | 2025 Performance Measure  | Changes in 2025  |
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| GHG 10 | <p>Electrify County-Owned Vehicle. Consistent with Ordinance 19052, increase percentage of County-owned vehicles that are electric vehicles, including: • 100 percent zero-emission revenue bus fleet by 2035; • 50 percent of light-duty vehicles transitioned to electric by 2025 and 100 percent by 2030, and • 150 electric vehicle chargers installed at County facilities by 2030.</p> | <p>GHG 28. Increase County zero-emission fleets. Increase County zero-emission fleets, achieving</p> <ul style="list-style-type: none"> <li>• 100 percent zero-emission revenue bus fleet by 2035<sup>2</sup></li> <li>• 67 percent zero-emission ADA paratransit fleet by 2040</li> <li>• 40 percent zero-emission rideshare fleet by 2030 and 100 percent by 2040</li> <li>• 50 percent electric light-duty vehicles by 2030 and 100 percent by 2035</li> <li>• 50 percent zero-emission medium-duty vehicles by 2035 and 100 percent by 2040</li> <li>• 50 percent zero-emission heavy-duty vehicles by 2040 and 100 percent by 2045</li> </ul> <p>GHG 26. Increase County fleet zero-emission charging infrastructure. Increase installation of EV charging ports at King County facilities to 450 by 2030.</p> | <p>2020 GHG 10 is now 2025 GHG 28 and adds paratransit, rideshare, medium-duty, and heavy-duty fleet targets.</p> <p>Light-duty vehicle target is pushed back from 2030 to 2035.</p> <p>Vehicle targets match those proposed in 2025-0174.</p> <p>2020 Electric vehicle charger target is now in 2025 GHG 26 and increases by 300.</p> |

| #      | 2020 Performance Measure   | 2025 Performance Measure   | Changes in 2025   |
|--------|--|--|---|
| GHG 11 | Energy Use in Existing Buildings. Reduce energy use in all existing buildings in King County by 25 percent by 2030 and 45 percent by 2050 compared to a 2017 baseline.   | N/A  | 2020 GHG 11 is not proposed for retention in the 2025 SCAP. |
| GHG 12 | Fossil Fuel Use in Buildings. Strengthen conservation and use of RNG and support the transition to electrical systems to reduce fossil-based natural gas and other fossil fuel use in existing buildings in King County by at least 20 percent by 2030, 50 percent by 2040, and 80 percent by 2050, compared to a 2017 baseline.   | GHG 4. Reduce Fossil Fuel Use in Countywide Buildings. Reduce fossil-based natural gas and other fossil fuel use in existing buildings in King County by at least 20 percent by 2030, 50 percent by 2040, and 80 percent by 2050, compared to a 2017 baseline. | 2020 GHG 12 is now 2025 GHG 04; no other changes.           |
| GHG 13 | Clean Electricity. Implement the Washington State Clean Energy Transformation Act, which phases out coal-fired electricity sources by 2025 and requires 80 percent carbon neutral electricity by 2030, and 100 percent clean electricity by 2045; increase countywide renewable electricity supply to 90 percent, 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 | N/A  | 2020 GHG 13 is not proposed for retention in the 2025 SCAP. |

| #      | 2020 Performance Measure  | 2025 Performance Measure   | Changes in 2025                                   |
|--------|---|--|---|
|        | 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: >five percent of peak utility load by 2030, >10 percent of peak utility load by 2045. |  |   |
| GHG 14 | Energy Use in County Facilities. King County will reduce normalized* energy use in County-owned facilities by at least 12.5 percent by 2025 and 17.5 percent by 2030 (2014 baseline).   | GHG 23. Reduce energy use in County-owned buildings and facilities. Reduce normalized energy use in County- owned facilities by at least 17.5 percent by 2030 and 20 percent by 2035, compared to 2014 baseline.                     | 2020 GHG 14 is now 2025 GHG 23; no other changes. |
| GHG 15 | Fossil Fuel use in County Buildings. By 2030, 20 percent reduction in fossil fuel use in existing County buildings; by 2040, a 50 percent reduction; by 2050, an 80 percent reduction, baseline 2014  | GHG 24. Reduce Fossil Fuel Use in County-owned facilities. Reduce normalized <sup>1</sup> fossil fuel use in County owned facilities by 20 percent by 2030; 50 percent by 2040; and 80 percent by 2050, compared to a baseline 2014. | 2020 GHG 15 is now 2025 GHG 24; no other changes. |

| #      | 2020 Performance Measure  | 2025 Performance Measure | Changes in 2025   |
|--------|---|--------------------------|---|
| GHG 16 | Renewable Energy Consumption. King County government shall consume renewable energy equal to 80 percent of government operation facility energy consumption by 2025 and 95 percent by 2030.   |                          | 2020 GHG 16 is not proposed for retention in the 2025 SCAP. |
| GHG 17 | Solar Energy Production. 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.   | N/A                      | 2020 GHG 17 is not proposed for retention in the 2025 SCAP. |
| GHG 18 | Energy Code Improvements. Implement Washington State Energy Code, which requires newly constructed buildings to move toward incrementally stronger efficiency performance, including a 70 percent energy reduction and net-zero GHG emissions in new buildings by 2031. | N/A                      | 2020 GHG 18 is not proposed for retention in the 2025 SCAP. |

| #      | 2020 Performance Measure   | 2025 Performance Measure | Changes in 2025   |
|--------|--|--------------------------|---|
| GHG 19 | Green Building Performance / Certifications. By 2025, 75 percent 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 percent 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 percent of new residential dwelling units achieve, in equal portions, Built Green Emerald Star, LEED Platinum, Living Building Challenge, or equivalent green building certification. | N/A                      | 2020 GHG 19 is not proposed for retention in the 2025 SCAP. |
| GHG 20 | C&D Materials Recycling Countywide. By 2025, achieve an 85 percent 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.  | N/A                      | 2020 GHG 20 is not proposed for retention in the 2025 SCAP. |



| #      | 2020 Performance Measure   | 2025 Performance Measure  | Changes in 2025   |
|--------|--|---|---|
| GHG 21 | Capital Project Performance / Certifications. By 2020 and each year thereafter, 100 percent of County capital projects achieve Platinum certification using LEED or Sustainable Infrastructure Scorecard or better. By 2030, 100 percent of King County new construction and whole building renovation projects achieve certifications that demonstrate a net zero GHG emissions footprint (using International Living Future Institute Zero Energy, Living Building Challenge, Energy Petal, or Zero Carbon certification or U.S. Green Building Council LEED Platinum plus Zero Energy or Zero Carbon certifications). | GHG 20. Green Building Ordinance. Ensure 100 percent of County capital projects achieve the highest green building standard as specified in the Green Building Ordinance by 2025 and thereafter.  | 2020 GHG 21 is now 2025 GHG 20, with more generalized language deferring to the green building ordinance (i.e., K.C.C. 18.17. If proposed ordinance 2025-0174 is adopted as proposed, net zero and net carbon requirements would go into effect immediately, rather than in 2030. |
| GHG 22 | C&D Materials Recycling Operations. Minimum 80 percent C&D materials diverted from landfills from County capital projects; 85 percent diversion by 2025, and zero waste of resources with economic value by 2030.  | GHG 21. Construction & Demolition Diversion. Increase diversion of C&D materials from landfills from County capital projects to 85 percent in 2025 and 100 percent diversion of resources with economic value by 2030.  | 2020 GHG 22 is now 2025 GHG 21; no other changes.   |
| GHG 23 | ESJ in Capital Project.: One hundred percent of capital projects use King County ESJ credits. Opportunities to achieve these credits include implementing ESJ plans, realizing ESJ priorities, and advancing economic justice opportunities.   | GHG 22. ESJ in King County Capital Projects. Increase equity outcomes of capital projects by demonstrating that 100 percent of King County capital projects initiated in the 2026/27 budget cycle or later will achieve ESJ Credit 5 in the King County Sustainable Infrastructure Scorecard. | 2020 GHG 23 is now 2025 GHG 22; no other material changes.  |

| #      | 2020 Performance Measure  | 2025 Performance Measure | Changes in 2025   |
|--------|---|--------------------------|---|
| GHG 24 | Water Use. Five percent reduction in potable water use by 2025, and 10 percent reduction by 2030 compared to 2020 baseline.   | N/A                      | 2020 GHG 24 is not proposed for retention in the 2025 SCAP. |
| GHG 25 | ZE / LBC Projects. 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 certifications; or comparable carbon neutral performance. This will be approximately 50 percent of applicable projects that are projected to be completed by 2025. By 2030, 100 percent of completed projects will achieve net zero GHG performance. | N/A                      | 2020 GHG 25 is not proposed for retention in the 2025 SCAP. |
| GHG 26 | Zero Waste of Resources. By 2030, zero waste of resources that have economic value for reuse or recycling.  | N/A                      | 2020 GHG 26 is not proposed for retention in the 2025 SCAP. |

| #      | 2020 Performance Measure   | 2025 Performance Measure  | Changes in 2025   |
|--------|--|---|---|
| GHG 27 | Zero Food Waste. By 2030, zero food waste is disposed of in Cedar Hills landfill.  | N/A   | 2020 GHG 27 is not proposed for retention in the 2025 SCAP.   |
| GHG 28 | Transfer Station Recycling. By 2025, recycle 60,000 tons of key materials including yard and wood waste, metal, cardboard, and paper at King County-owned recycling and transfer stations. | GHG 14. Transfer Station Recycling. Increase the greenhouse gas emissions avoided by recycling at King County owned transfer stations by at least 30 percent, compared to 2020 by 2030. | 2020 GHG 28 is now 2025 GHG 14 and target is now a comparison between 2020 and 2030 rather than a tonnage target. |
| GHG 29 | Paper Use. Compared to 2015 levels, reduce copy paper usage by 40 percent by 2025.   | N/A   | 2020 GHG 29 is not proposed for retention in the 2025 SCAP.   |

| #      | 2020 Performance Measure   | 2025 Performance Measure   | Changes in 2025  |
|--------|--|--|--|
| GHG 30 | Forests & Natural Areas Protected. In alignment with LCI targets, protect 1,300 acres of forestland and natural area annually through fee, easement, and incentive programs. The five-year target through 2025 is 6,500 acres total. It is estimated that of the 1,300 acre annual target, ~1,000 acres will be achieved through fee/easement and ~300 acres through the Public Benefit Rating System (PBRs)/Current Use Taxation (CUT) program. | GHG 15. Protect natural lands and urban greenspaces 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. | 2020 GHG 30 is now 2025 GHG 15 and the annual target is increased from 1300 to 1500 acres. |
| GHG 31 | Equity Area land Acquisitions / Investments. 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.                             | N/A  | 2020 GHG 31 is not proposed for retention in the 2025 SCAP.                                |
| GHG 32 | Climate Considerations / Stewardship Plans. By 2021, all forest and farm stewardship plans approved by King County will include specific actions to enhance carbon sequestration and improve climate resilience.   | N/A  | 2020 GHG 32 is not proposed for retention in the 2025 SCAP.                                |

| #      | 2020 Performance Measure  | 2025 Performance Measure  | Changes in 2025   |
|--------|---|---|---|
| GHG 33 | Forest & Farm Stewardship Plans. By 2025, 100 percent of Parks' forested sites larger than 200 acres (~32 sites) have Forest Stewardship Plans and all County-owned farms have stewardship plans developed and implemented that include climate-friendly and regenerative farm practices. | N/A   | 2020 GHG 33 is not proposed for retention in the 2025 SCAP. |
| GHG 34 | Native Trees Planted on KC Property. Plant 500,000 native trees on King County-owned and managed properties by 2025 to improve forest health and enhance future carbon sequestration potential.   | N/A   | 2020 GHG 34 is not proposed for retention in the 2025 SCAP. |
| GHG 35 | Acres Restored: Restore 2,000 acres of forests and natural areas on Parks-managed properties by 2030 to improve climate change resiliency and enhance potential for carbon sequestration. This will double King County's recent forest and open space restoration pace.                   | GHG 16. Acres Restored. Restore 2,000 acres of forests by 2030 on Parks-managed properties to improve climate change resiliency and enhance potential for carbon sequestration. | 2020 GHG 35 is now 2025 GHG 16; no other changes.           |

| #      | 2020 Performance Measure  | 2025 Performance Measure  | Changes in 2025   |
|--------|---|---|---|
| GHG 36 | Tree Canopy / White Center & Skyway. 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 | N/A   | 2020 GHG 36 is not proposed for retention in the 2025 SCAP. |
| N/A    | N/A   | GHG 3. Air quality. Reduce the number of days when the Puget Sound Clean Air Agency health goal for fine particulates (25 micrograms per cubic meter) is exceeded.                        |   |
| N/A    | N/A   | GHG 5. Existing Building Retrofits. Facilitate retrofits of 550 buildings in King County including support of independent retrofit projects with external funding sources such as C PACER |   |

| #   | 2020 Performance Measure | 2025 Performance Measure   | Changes in 2025 |
|-----|--------------------------|--|-----------------|
| N/A | N/A                      | GHG 6. Local Support for Building Retrofits. Expand availability of building retrofit support to residential or commercial building owners to serve 90 percent of King County's population through local or regional programs, prioritizing communities with higher environmental health disparities.  |                 |
| N/A | N/A                      | GHG 7. Green Building Countywide. 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 |                 |
| N/A | N/A                      | GHG 10. Transit Oriented Communities. Increase housing and job growth within growth centers located within a ½ mile of frequent transit service to 97 percent by 2030 and 100 percent by 2050.   |                 |

| #   | 2020 Performance Measure | 2025 Performance Measure   | Changes in 2025 |
|-----|--------------------------|--|-----------------|
| N/A | N/A                      | GHG 11. Electric Vehicle Public Charging Infrastructure. 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. |                 |
| N/A | N/A                      | GHG 12. Waste Reduction. 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.   |                 |
| N/A | N/A                      | GHG 13. Organics and Food Waste Collection. Increase curbside food waste/organics collection services to 75 percent of unincorporated King County single-family residents by 2030.   |                 |



| #   | 2020 Performance Measure | 2025 Performance Measure   | Changes in 2025 |
|-----|--------------------------|--|-----------------|
| N/A | N/A                      | GHG 17. Five Million Trees. 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. |                 |
| N/A | N/A                      | GHG 18. Regenerative Farmland. Double the acreage of farmland in King County that incorporates regenerative, climate-smart agricultural practices, and incorporate those practices on 100 percent of King County-owned farms by 2030.  |                 |
| N/A | N/A                      | GHG 25. Biogas utilization. Improve biogas collection at King County regional wastewater treatment plants such that a combined 75 percent or more of available biogas is sent to a productive use by 2030.   |                 |

| #   | 2020 Performance Measure | 2025 Performance Measure  | Changes in 2025 |
|-----|--------------------------|---|-----------------|
| N/A | N/A                      | GHG 29. Renewable fuels. All applicable County fleets will fuel at least 50 percent of diesel powered medium- and heavy-duty vehicles with renewable fuel by 2030 |                 |