

The matrix below includes policies in the existing Environment Chapter in VISION 2040 and potential revisions, shown in legislative format, that represent draft changes based on feedback from the GMPB, RSC, and other stakeholders. The proposed revisions include a select set of revisions, new policies and actions, including:

- Policies to more strongly support the recovery of the Puget Sound
- Policies to support implementation of the Regional Open Space Conservation Plan
- Policies to support and update regional work to address climate change
- Policies to support equitable environmental outcomes for people of color and people with low incomes

A complete draft of the updated chapter, including introductory narrative, will be available for review in early 2019, prior to inclusion in the draft plan. Staff will continue to work with the GMPB, RSC, and other stakeholders to further refine the draft updates to the Environment Chapter prior to adoption of VISION 2050 in 2020.

| Policy | Text | Type of Change | Reason for Proposed Update | Additional Notes |
|-----------|---|--------------------|--|---|
| MPP-En-A | <u>Support and incentivize environmental stewardship on private and public lands to protect and enhance habitat, water quality, and other ecosystem services.</u> | Substantive change | Open Space - Regional Open Space Conservation Plan (https://www.psrc.org/open-space) recommendation and support for Puget Sound Partnership Action Agenda (http://www.psp.wa.gov/action_agenda_center.php) | |
| MPP-En-7 | Mitigate noise <u>and light pollution</u> caused by traffic <u>transportation</u> , industries, <u>public facilities</u> , and other sources. | Substantive change | Recommendation by Regional Staff Committee to include light pollution | |
| MPP-En-8 | Identify, preserve, and enhance significant regional open space networks and linkages across jurisdictional boundaries <u>through implementation and update of the Regional Open Space Conservation Plan.</u> | Substantive change | Open Space - Recognize Regional Open Space Conservation Plan | |
| MPP-En-12 | Preserve and restore native vegetation <u>and tree canopy</u> to protect habitat , especially where it <u>protects habitat and</u> contributes to the overall ecological function <u>and where invasive species are a significant threat to native ecosystems.</u> | Substantive change | Open Space - Regional Open Space Conservation Plan focus on tree canopy | |
| MPP-En-13 | Maintain <u>and restore</u> natural hydrological functions <u>and water quality</u> within the region's ecosystems and watersheds to recover the health of Puget Sound <u>and, where feasible, restore them to a more natural state.</u> | Substantive change | Puget Sound recovery - Addition of water quality, more than hydrology needed | Will explain in the narrative that Puget Sound is inclusive of aquatic systems such as streams and groundwater. |
| MPP-En-B | <u>Provide parks, trails, and open space within walking distance of urban residents. Prioritize historically underserved communities for open space improvements and investments.</u> | Substantive change | Open Space/Equity - Regional Open Space Conservation Plan focus on access to open space, especially for underserved communities | |

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|-----------|---|--------------------|---|--|
| MPP-En-C | <u>Reduce stormwater pollution from transportation and development through watershed planning, redevelopment and retrofit projects, and green infrastructure improvements.</u> | Substantive change | Puget Sound Recovery - Puget Sound Partnership and Regional Open Space Conservation Plan recommendations for stormwater pollution | |
| MPP-En-20 | <u>Support state, regional and local actions and continue to advance regional policies and programs to reduce greenhouse gas emissions and prepare for climate change impacts. Address the central Puget Sound region's contribution to climate change by, at a minimum, committing to comply with state initiatives and directives regarding climate change and the reduction of greenhouse gases. Jurisdictions and agencies should work to include an analysis of climate change impacts when conducting an environmental review process under the State Environmental Policy Act.</u> | Substantive change | Climate Change - Update to reflect current state context and support for multiple programs; deleting SEPA sentence since now a requirement, PSRC Four-Part Greenhouse Gas Strategy: https://www.psrc.org/sites/default/files/rtp-appendix-climatechangeanalysis.pdf . | The narrative will include a brief summary of actions to address climate change and point to the many policies in VISION 2050 that are climate related |
| MPP-En-21 | <u>Reduce the rate of building energy use per capita, both in building use and in transportation activities through green building and retrofit of existing buildings.</u> | Substantive change | Climate Change - Focus on building energy use | |
| MPP-En-D | <u>Address impacts to vulnerable populations and areas that have been disproportionately affected by air pollution and climate change.</u> | Substantive change | Climate Change/Equity - Recognition of disproportionate impacts | |
| MPP-En-25 | <u>Increase resiliency by identifying, anticipate and addressing the impacts of climate change and natural hazards on regional water sources, land, infrastructure, health, and the economy. Prioritize actions to protect the most vulnerable populations.</u> | Substantive change | Resiliency/Equity - Adding concept of resilience and recognizing impacts to most vulnerable | Will define vulnerable in the narrative to indicate people with the least means to avoid harm. |
| MPP-En-4 | <u>Ensure that all residents of the region, regardless of race, social or economic status, live in a healthy environment, with minimal exposure to pollution.</u> | Minor change | Equity - Consistent equity language | |
| MPP-En-10 | <u>Preserve and enhance habitat to support healthy wildlife and accelerate the recovery of salmon, orca, and other threatened and endangered species prevent species from inclusion on the Endangered Species List and to accelerate their removal from the list.</u> | Minor change | Puget Sound Recovery - Regional Staff Committee suggestion to specifically name salmon and orca | |

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|-----------|---|----------------|--|------------------|
| MPP-En-15 | Reduce the use of toxic pesticides, and chemical fertilizers, and other products to the extent feasible and identify alternatives that minimize risks to human health and the environment. | Minor change | Puget Sound Recovery - Update to be consistent with recommendations from Puget Sound Partnership Action Agenda | |
| MPP-En-17 | Meet all federal and state air quality standards, and reduce emissions of air toxics and greenhouse gases. Maintain or do better than existing standards for carbon monoxide, ozone, and particulates. | Minor change | Air Quality - Including all air pollutants | |
| MPP-En-18 | Reduce levels for air toxics, fine particulates, and greenhouse gases. | Minor change | Streamlining, covered in MPP-En-17 | |
| MPP-En-23 | Reduce greenhouse gases by expanding the use of conservation and alternative energy sources, <u>electrifying the vehicle fleet</u> , and by reducing vehicle miles traveled by increasing alternatives to driving alone. | Minor change | Climate Change - Add emphasis of electrification | |
| MPP-En-24 | Protect and restore forests, farmland, wetlands, estuaries, urban tree canopy, and other natural resources that sequester and store carbon. Take positive actions to reduce carbons, such as increasing the number of trees in urban portions of the region. | Minor change | Climate Change - Recommendation from climate research groups such as the Washington State Carbon Emissions Reduction Taskforce (https://www.governor.wa.gov/boards-commissions/workgroups-and-task-forces/carbon-emissions-reduction-taskforce-cert). | |
| MPP-En-1 | Develop regionwide environmental strategies, coordinating among local jurisdictions and countywide planning groups. | No change | | |
| MPP-En-2 | Use integrated and interdisciplinary approaches for environmental planning and assessment at regional, countywide and local levels. | No change | | |
| MPP-En-3 | Maintain and, where possible, improve air and water quality, soils, and natural systems to ensure the health and well-being of people, animals, and plants. Reduce the impacts of transportation on air and water quality, and climate change. | No change | | |

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|-------------|---|----------------|---|------------------|
| MPP-En-5 | Locate development in a manner that minimizes impacts to natural features. Promote the use of innovative environmentally sensitive development practices, including design, materials, construction, and on-going maintenance. | No change | | |
| MPP-En-6 | Use the best information available at all levels of planning, especially scientific information, when establishing and implementing environmental standards established by any level of government. | No change | | |
| MPP-En-9 | Designate, protect, and enhance significant open spaces, natural resources, and critical areas through mechanisms, such as the review and comment of countywide planning policies and local plans and provisions. | No change | | |
| MPP-En-11 | Identify and protect wildlife corridors both inside and outside the urban growth area. | No change | | |
| MPP-En-14 | Restore – where appropriate and possible – the region’s freshwater and marine shorelines, watersheds, and estuaries to a natural condition for ecological function and value. | No change | | |
| MPP-En-16 | Identify and address the impacts of climate change on the region’s hydrological systems. | No change | | |
| MPP-En-19 | Continue efforts to reduce pollutants from transportation activities, including through the use of cleaner fuels and vehicles and increasing alternatives to driving alone, as well as design and land use. | No change | | |
| MPP-En-22 | Pursue the development of energy management technology as part of meeting the region’s energy needs. | No change | | |
| Action | Text | Type of Change | Reason for Proposed Update | Additional Notes |
| En-Action-1 | <u>PSRC will advance the implementation of the adopted Four-Part Greenhouse Gas Strategy, including future versions, to achieve meaningful reductions of emissions throughout the region from transportation, land use and development.</u> | New action | Climate Change - supports the adopted Four-Part Strategy | |

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| EN-Action-2 | <u>PSRC will engage in regional resilience planning and climate preparedness, including development of a regional inventory of climate hazards, assistance to member organizations, and continued research and coordination with partner agencies such as the Puget Sound Climate Preparedness Collaborative.</u> | New action | Climate Change/Resiliency | |
| En-Action-3 | <u>PSRC will work with member jurisdictions, resource agencies, tribes, and interest groups to implement conservation, restoration, stewardship, and other recommendations in the Regional Open Space Conservation Plan. On a periodic basis, evaluate and update the plan.</u> | New action | Regional Open Space Conservation Plan - Supports implementation of the open space plan | |
| En-Action-4 | <u>PSRC and the Puget Sound Partnership will coordinate to support watershed planning to inform land use, transportation, and stormwater planning and projects that improve water quality.</u> | New action | Puget Sound Recovery - Continue to partner with Puget Sound Partnership to address water quality | |
| En-Action-5 (Countywide/watershed) | <u>Counties and cities, together with other jurisdictions in the watershed, will participate in watershed planning to integrate land use, transportation, stormwater, and related disciplines across the watershed to improve the health of Puget Sound.</u> | New action | Puget Sound Recovery - local implementation of Puget Sound Partnership Action Agenda, NPDES requirements, and WRIA work | |
| En-Action-6 (Local) | <u>Counties and cities will work to address open space conservation and access needs as identified in the Regional Open Space Conservation Plan in the next periodic update to comprehensive plans.</u> | New action | Regional Open Space Conservation Plan - local implementation of the Regional Open Space Conservation Plan | |
| En-Action-7 (Local) | <u>Cities and counties will incorporate emission reduction policies and activities in their comprehensive planning, including to support the adopted regional Four-Part Greenhouse Gas Strategy. Elements include supporting the adopted regional growth strategy, providing multimodal transportation choices, and encouraging a transition to a cleaner transportation system.</u> | New action | Climate Change - supports the adopted Four-Part Strategy | |