



Regional EV (REV) Collaboration

PSRC's Regional Staff Committee

April 21, 2022



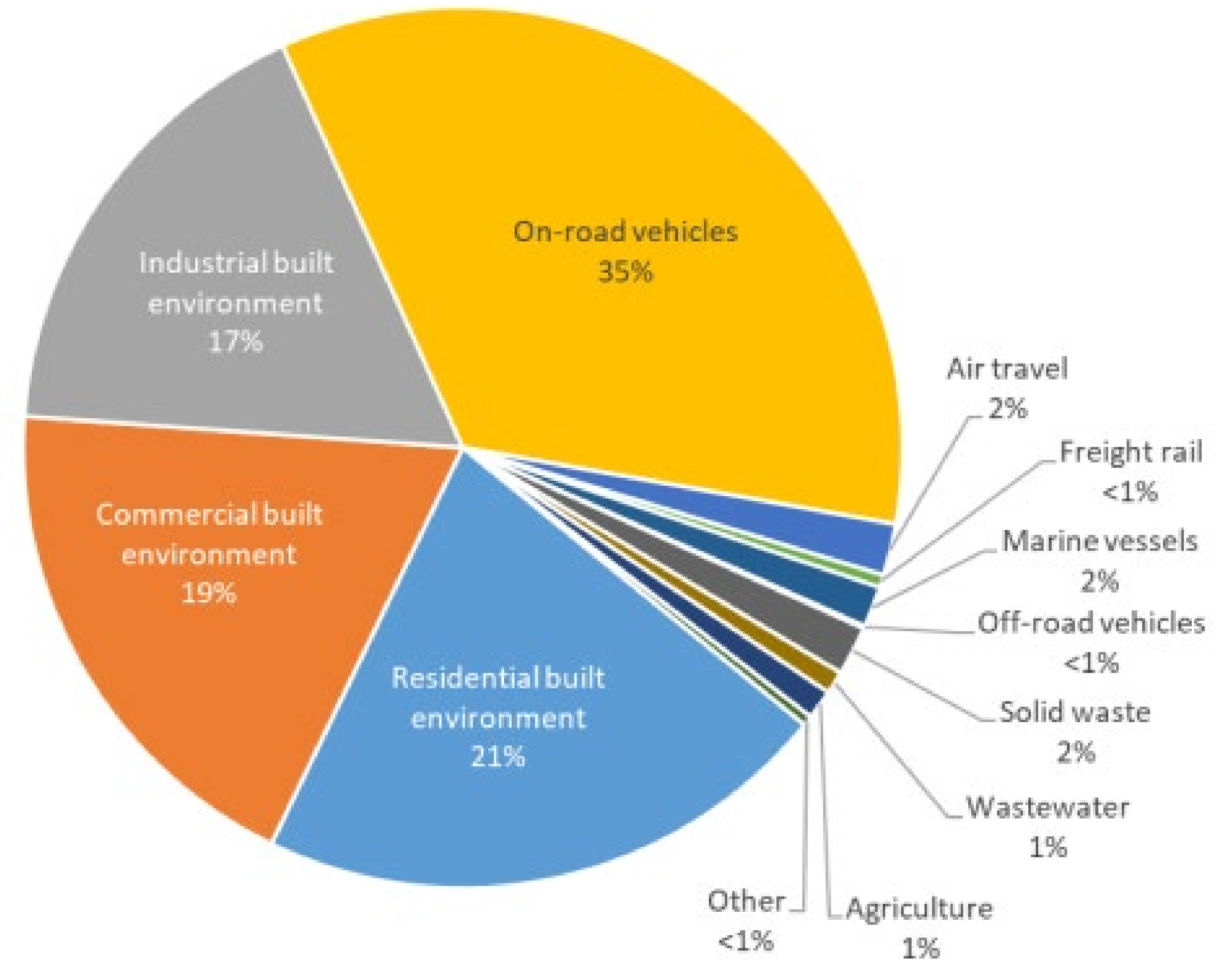
Puget Sound Regional Council



PUGET SOUND
Clean Air Agency

Background – Regional GHGs

- Transportation emissions account for 35% of the regions total GHGs
- Pollutants cause significant health impacts
- Disadvantaged communities disproportionately impacted by transportation pollution
- Unequal access to clean transportation technologies



REV Collaboration Launched in Fall 2019

- Conducted a pre-kickoff survey of which topics this group should focus on. Top 5 responses:
 - Regional planning & coordination (23 votes)
 - Charging needs – infrastructure, permits, etc. (22)
 - State & local policy (18)
 - Transit & commercial fleets (15)
 - EV deployment (13)
- Collaboration has emphasized coordinating and providing information for regional planning of EV infrastructure and policies to prepare for the electrified future of transportation



REV Collaboration

- Since kicking off in 2019, we've held a series of meetings co-hosted by PSRC/PSCAA; recent examples include:
- February 10, 2021, session focused on “Electrifying Your Comprehensive Plan”
 - Goals: Identify challenges and opportunities relating to electrification planning; discuss proposal for an information clearinghouse
- August 31, 2021, session focused on “Understanding HB 1287: Forecasting, Planning, and Building an EV Future”
 - Goals: Understand the elements of the States ZEV mapping and forecasting tool (HB 1287) and the role for local jurisdictions; hear from jurisdictions on existing and forthcoming EV infrastructure plans
- February 17, 2022, session focused on “ZEV Mapping and Forecasting Tool & Regional Coordination”
 - Goals: Hear updates on the State ZEV mapping and forecasting tool and identify best practices in regional collaboration to assist with future electrification efforts



High-Level Themes (Feb 2021)

Challenges	Opportunities
<ul style="list-style-type: none">• Ensuring electrification is affordable and accessible to communities facing the highest barriers	<ul style="list-style-type: none">• Equitable electrification resources and examples
<ul style="list-style-type: none">• Regional infrastructure planning guidance – what to install and where?	<ul style="list-style-type: none">• Tools to translate electrification needs to stakeholders (e.g., regional charging infrastructure analysis)
<ul style="list-style-type: none">• Identify solutions to overcome slow pace and barriers to charging infrastructure installation	<ul style="list-style-type: none">• Funding opportunities and grant assistance
<ul style="list-style-type: none">• Additional guidance from PSRC on actions, programs, and policies that demonstrate alignment with VISION 2050	<ul style="list-style-type: none">• Model language for building codes, land use, zoning, development regs., design guidelines, etc. to support EV deployment
<ul style="list-style-type: none">• Viability of fleet demonstration projects for specific use cases	<ul style="list-style-type: none">• Promote opportunities for peer-to-peer learning (Clean Cities, WSU Clean Transportation Program)
<ul style="list-style-type: none">• Utility coordination, especially regarding rural areas and improving electrical distribution	<ul style="list-style-type: none">• Guidance for coordinating with your utility

Discussion Questions (Feb 2022 Meeting)

1. Where is your jurisdiction regarding planning for an EV-centric future?
2. Who would you include in a cross-departmental team to begin planning for electrification? (fleets, facilities, energy/utility, parking, sustainability, code writers, finance and procurement, etc.)
3. What are current areas of cross-collaboration in your jurisdiction, including with utilities, the county, and others?
4. What existing challenges to coordination do you face (across departments, cities, counties, and the region)?
5. What new opportunities for collaboration exist across all levels?



High-Level Themes (Feb 2022)

- Progress on electrification planning varies greatly from jurisdiction to jurisdiction
- Thorough stakeholder identification and communication is key to the success of electrification planning
- There were numerous examples of current areas of cross-collaboration in jurisdictions that can serve as models
- Many important new opportunities identified for continued collaboration



Goals for a Resource Clearinghouse

1. Provide the information, tools, and resources that jurisdictions need to help electrify their comprehensive plans
2. Develop a user-friendly online clearinghouse for information sharing
3. Provide sample code language that enables electrification
4. Allow jurisdictions to promote their best practices and success stories through a public platform
5. Update the clearinghouse as needed with new and relevant information



Schedule and Next Steps

1. Development underway for website and beta version of clearinghouse
2. Goal – beta version late summer
3. Future REV meeting to review and provide input
4. Additional stakeholder/user-based interviews and feedback loop planned
5. Ongoing coordination with other partner agencies to link resources – Commerce, WSU, utilities, etc.
6. Upcoming – development of a Regional EV Plan



Thank you! Questions?

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