

Energy Efficiency Means Business

Washington's State Energy Office

Michael Furze

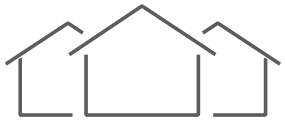
ASSISTANT DIRECTOR

2/24/2022



Washington State
Department of
Commerce

We strengthen communities



**HOUSING
HOMELESSNESS**



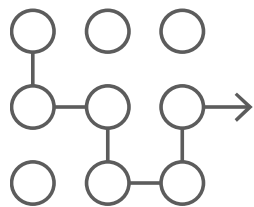
INFRASTRUCTURE



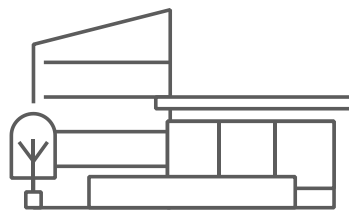
**BUSINESS
ASSISTANCE**



ENERGY



PLANNING



COMMUNITY FACILITIES

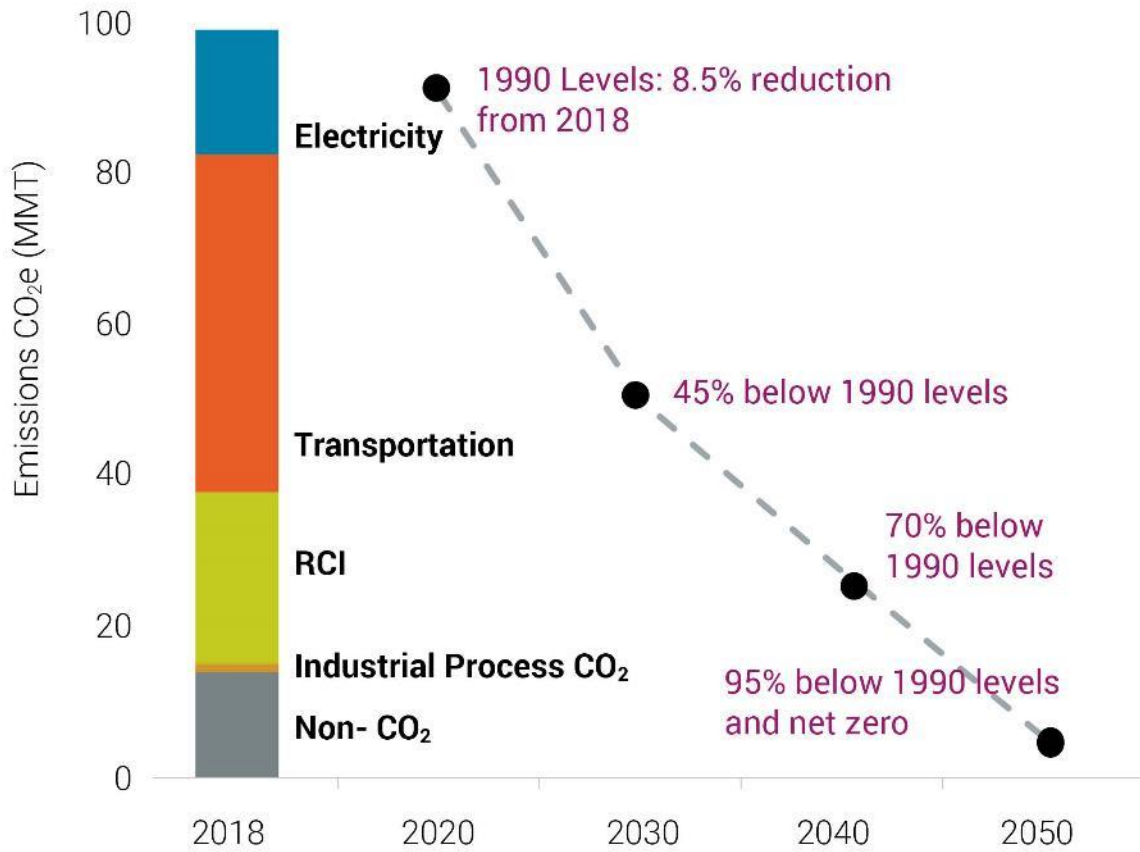


**CRIME VICTIMS &
PUBLIC SAFETY**



**COMMUNITY
SERVICES**

Meeting State Emissions Reduction Limits

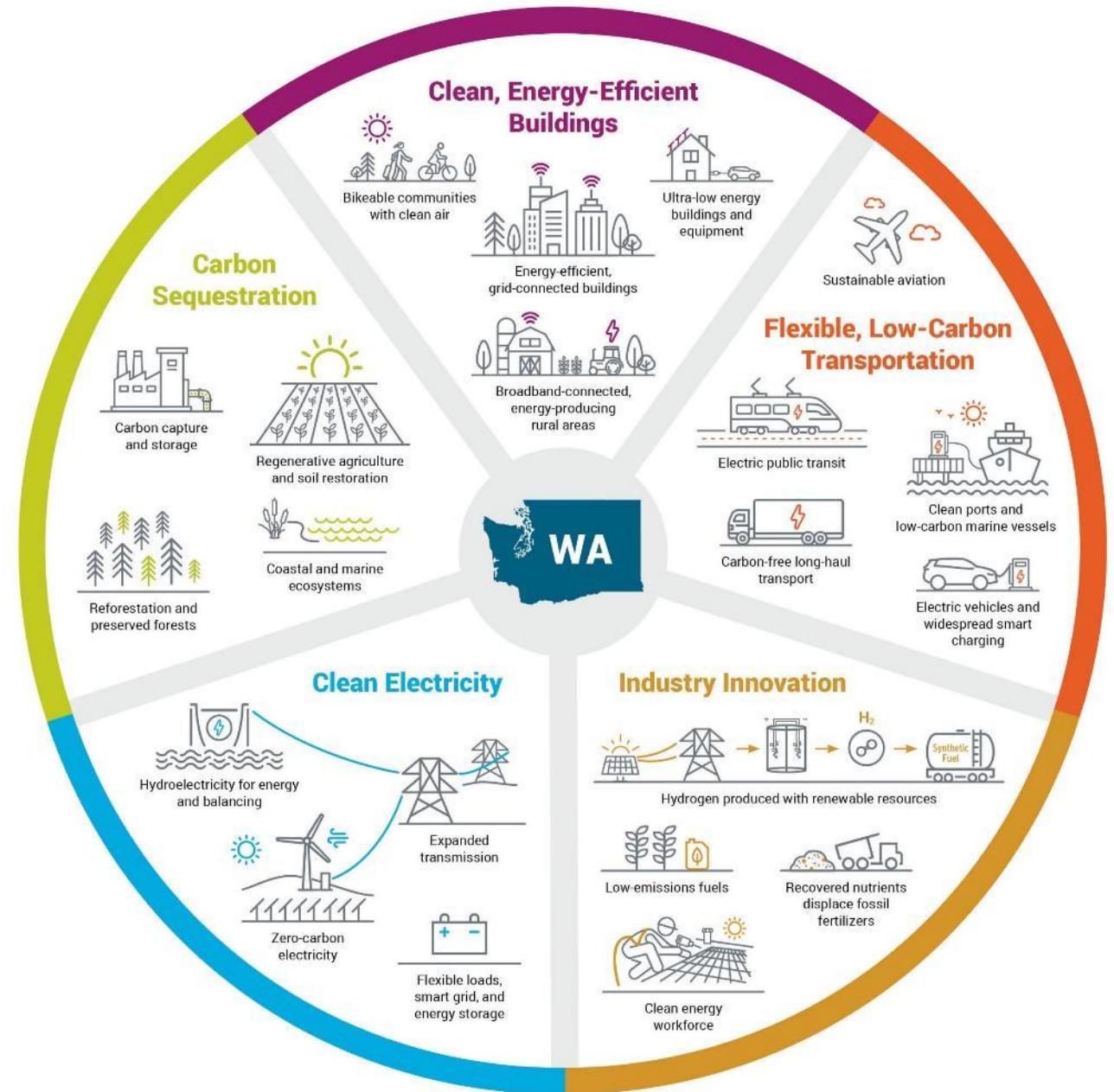


Source: Washington State Department of Ecology and Washington State.
Appendix A –Deep Decarbonization Pathways Modeling Technical Report, December 11, 2020 (p. 15).

WASHINGTON STATE 2050

Net-Zero Vision

A blueprint for how we can meet our state's climate goals to nearly eliminate the use of climate-threatening fossil fuels by 2050, while growing a prosperous economy and maintaining affordable and reliable energy supplies.



Ensure Equitable Transition for Communities



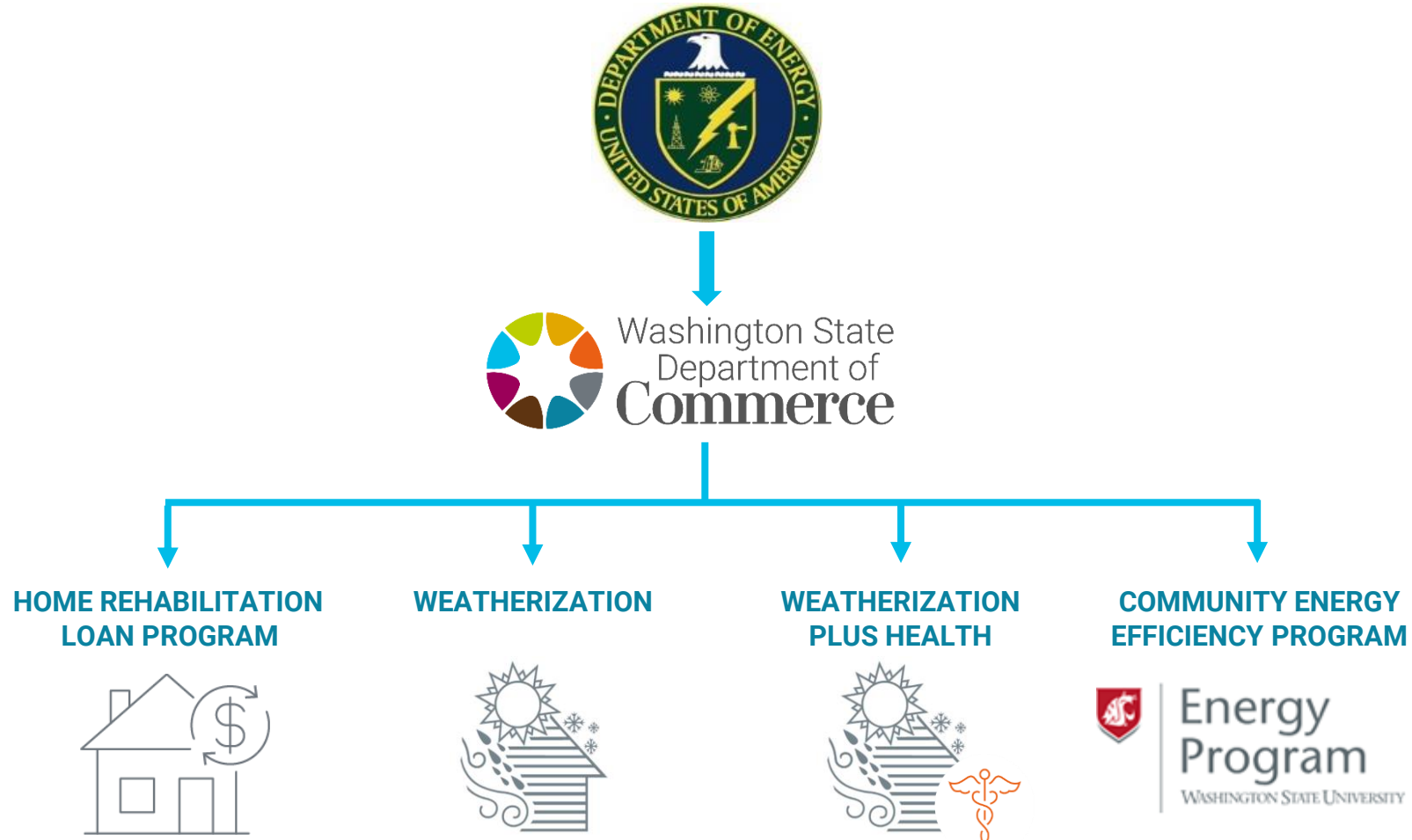
- Apply explicit equity principles
- Ensure impacted communities design solutions
- Invest in equitable and inclusive transition
- Support workers in transition
- Universal broadband access as foundation for transition

Source: Washington State Department of Commerce



Since 2010, Washington has received \$50.7 million from the Weatherization Assistance Program and \$10.8 million from SEP

Weatherization Funding

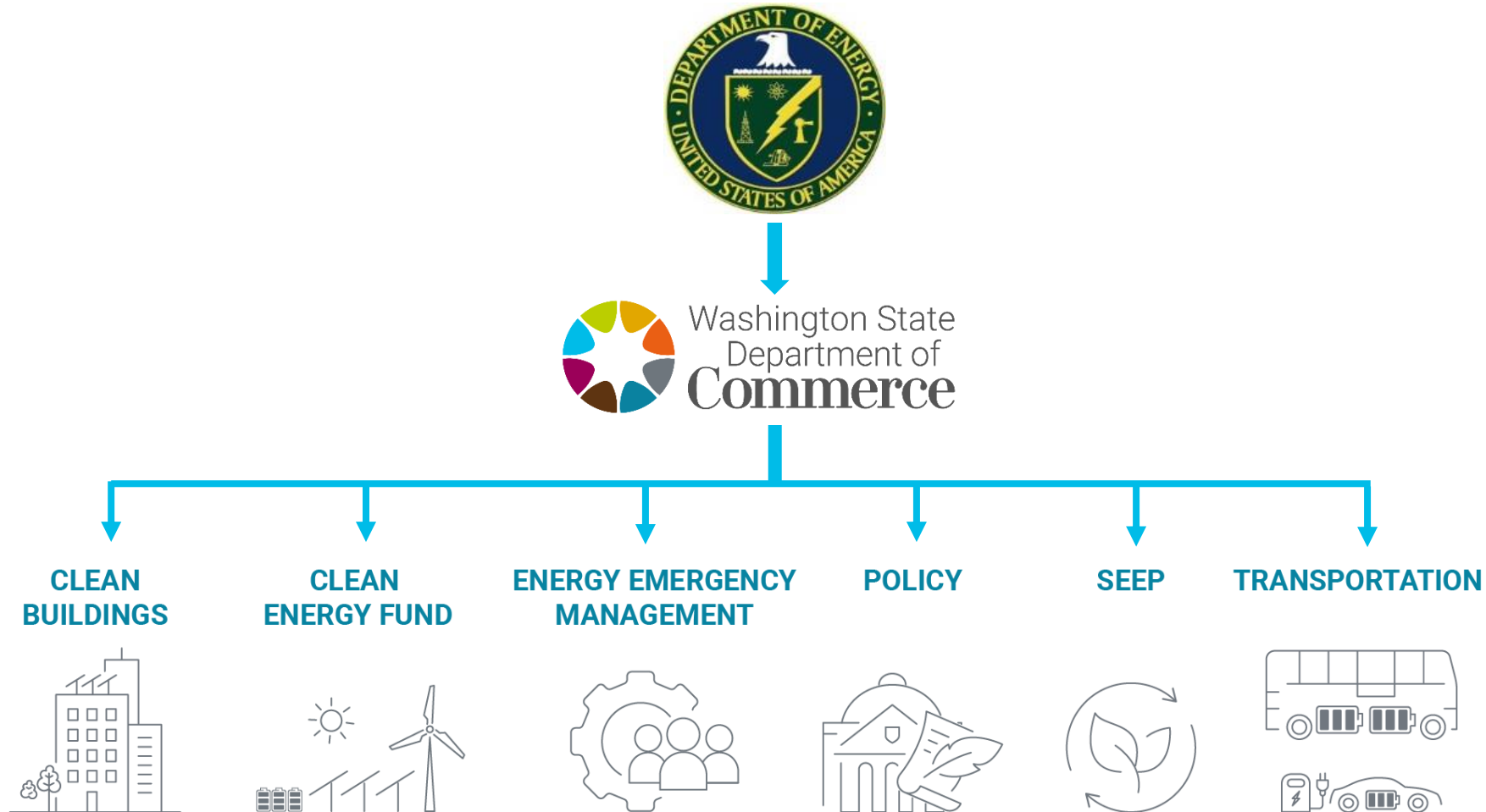


State Energy Strategy Recommendations

- **The 2021 State Energy Strategy recommends Additional Engagement and Additional Funding for Weatherization programs.**
 - Expanded funding for the state's successful Weatherization Plus Health program
- **It also recommends:**
 - Ongoing engagement with Tribal Governments
 - Address the breadth of need for deferred maintenance to make households ready for weatherization
 - Prioritizing services to underserved households within highly impacted populations



State Energy Program (SEP) Funding



Grid Modernization

- The 2021 State Energy Strategy highlights the investment in new technology and infrastructure that is required for a successful and equitable transition to clean electricity.
- Grid Modernization Program projects facilitate:
 - Integration of renewable energy sources
 - Deployment of distributed energy resources
 - Development of sustainable microgrids



Grid Modernization projects



- Horn Rapids Solar and Storage



- OPALCO Battery Storage



- Miller Community Center

Electrification of Transportation

- The 2021 State Energy Strategy identifies transportation as largest source of GHG emissions.

- **Energy Office focus**

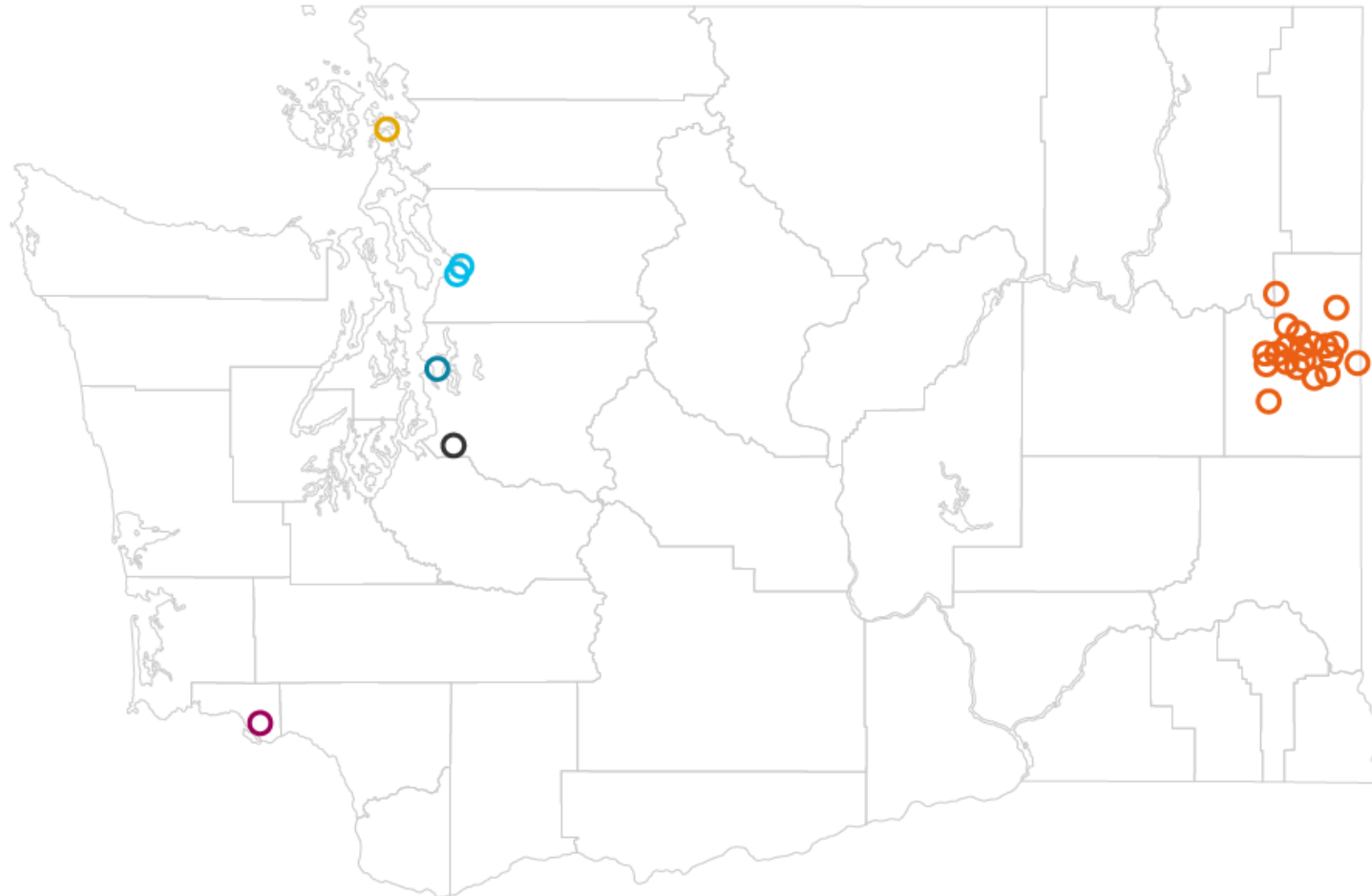
- Innovation in the grid to support electrification transportation



- **Partner focus**

- WSDOT
 - Moving people and freight
 - VW settlement
- Ecology
 - Air quality and emissions reduction

Electrification of Transportation Project map



Description

- Seattle City Light
- Skagit County
- Snohomish PUD 1 and 2
- Cathlamet
- Spokane Regional

Thank You!



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Department of
Commerce

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