

2021 Session Debrief

A Clean Transportation Perspective

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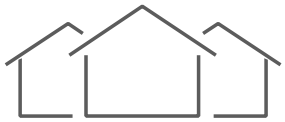
SENIOR ENERGY POLICY SPECIALIST

06/28/2021



Washington State
Department of
Commerce

We strengthen communities



**HOUSING
HOMELESSNESS**



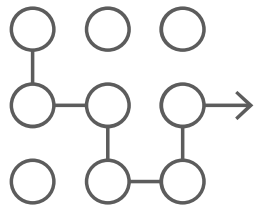
INFRASTRUCTURE



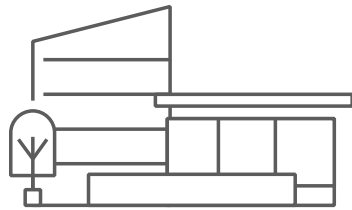
**BUSINESS
ASSISTANCE**



ENERGY



PLANNING



COMMUNITY FACILITIES



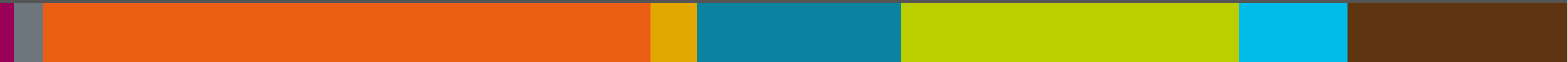
**CRIME VICTIMS &
PUBLIC SAFETY**



**COMMUNITY
SERVICES**

Big Money, Big Policy

A summary



Clean Transportation Policies and Budgets

Bills

- HB 1091: Clean Fuel Standard
- HB 1287: ZEV Planning
- HB 1502: County electric ferries
- HB 1514: Commute Trip
- SB 5000: FCEV incentive
- SB 5026: Port electrification/no automation
- SB 5126: Cap & Invest
- SB 5141: EJ Implementation
- SB 5192: EVSE regulations

Budgets

- Transportation: ferries, transit, program K
- Capital: CEF, DERA
- Operating: Staffing, community engagement, 1099

Local Government focus

- **HB 1091: Clean Fuel Standard**
- **HB 1287: ZEV Planning**
- **HB 1514: Commute Trip**
- **SB 5126: Cap & Invest**
- **SB 5141: EJ Implementation**
- **Budgets**

HB 1091: Clean Fuel Standard

HB 1091 (Clean Fuel Standard): A summary

Basics

- Implementing Agency: Ecology
- Summary: Requires 20% reduction carbon intensity in transportation fuels from 2017 levels by 2038. Market-based mechanism where credits and deficits are generated, traded, banked and retired.
- Who's impacted: Fossil fuel supply chain, public/private fleet owners, biofuel industry, utilities
- Effective date: No later than January 1, 2023

HB 1287: ZEV Planning



HB 1287 (ZEV Planning): A summary

Basics

- Implementing Agency: WSDOT, with support from Commerce, Ecology, and office of Equity
- Summary: 1) EVSE mapping & forecasting tool 2) Utility ZEV & EVSE load planning 3) SBCC residential & commercial building rules
- Who's impacted: EVSE planners/implementers/users, electric utilities
- Effective date: N/A

HB 1514: Commute Trip

HB 1514 (Commute Trip): A summary

Basics

- Implementing Agency: DOL, WSDOT, CTR Board
- Summary: Makes “ridesharing” more flexible; disengages from commuter model
- Who’s impacted: Transit agencies, CTR organizations, ridesharing (not TNC) users
- Effective date: 9/1/2021

HB 5126: Cap & Invest

SB 5126(Cap & Invest):A summary

Basics

- Implementing Agency: Ecology, with a number of other agencies
- Summary: Caps statewide emissions on most sectors and creates tradeable allowances; uses funds to support climate change reduction and resilience activities
- Who's impacted: Industrial, transportation, electric, natural gas and building sectors
- Effective date: 1/1/2023

HB 5141: EJ Implementation



SB 5141 (EJ Implementation): A summary

Basics

- Implementing Agency: Multiple Agencies
- Summary: Incorporates and operationalizes environmental justice principles into future state agency action
- Who's impacted: State agencies, local governments, communities
- Effective date: 1/1/2023 for EJ Implementation Plans

Transportation Budget



Transportation Budget

Innovative Partnerships Office

- Clean vehicle refueling infrastructure: \$8.9m for highway corridor charging and refueling
- Clean vehicles in underserved communities: \$2.4m for pilots in low and moderate income communities not currently served by transit
- HB 1287 implementation: \$140k for stakeholder and assessment
- Wenatchee Charging and Refueling: \$1.5m for dual-sited project
- Mount Vernon Fast Charging: \$250k for “mega” EVSE installation

Transportation Budget

WSDOT Transportation Planning, Data & Research

- RUC Research: \$4m for ongoing exploration of RUC policy impacts and opportunities
- VMT Update: \$250k to partner with Commerce to develop VMT targets for high density and high growth counties.

Transportation Budget

WSDOT Public Transportation

- Green Transportation Capital Grants: \$21.8m for full biennium
- Regional Mobility Grants: \$104m
- Connecting WA grants: \$28.2m
- WSU GTP Funding(!): \$555k
- First-last Mile Connections: \$800k
- Fuel Type Consideration: Vetoed again (currently being litigated)

Transportation Budget

WSDOT Ferries

- Two diesel-electric hybrid vessel conversions: \$24.7m
- New diesel-electric hybrid vessel: \$152m (Gov requested funding for two)

Capital Budget



Capital Budget

Clean Energy Fund

- Grid Modernization: \$17.5m (\$11 is competitive)
- RD&D: \$10.8m (\$5m is for match; the remainder is direct approp)
- Non-profit lending: \$2.5m
- ETS: \$5.5m (\$3m is competitive)
- Electric buildings: \$10m (\$5m for electric heat pump and other programming for resi and commercial buildings)
- Maritime electrification: \$4.9m (all direct)
- Rural Innovation: \$4.9m (\$150k for outreach strategies)

Capital Budget

Ecology

- Reducing Toxic Wood stove Emissions: \$3m
- DERA: \$15m

Parks

- EV Charging stations: \$175k

Misc.

- Embodied carbon reporting for state agencies

Operating Budget



Operating Budget

Commerce

- SES implementation: \$1.35m for related to building emissions
- State Building Materials: \$425k for UW contract for database, reporting system and case study
- Biochar R&D: \$160k NPO grant for RD&D efforts in Methow Valley
- Local Government GHG Reduction Policies: \$3.2m for interagency development of VMT, GHG reductions and resilience
- Industrial waste: \$500k for implementation of industrial waste coordination program

Operating Budget

Other

- OFM Net Ecological Gain Standard: \$256k for report on ways to incorporate concept into statute
- UTC utility decarbonization efforts: \$450k for report on reduction options and customer impacts
- Ecology Solid Waste grants: \$14m for local government programs
- WSU Solar Siting Pilot: \$500k for least-conflict utility-scale solar stakeholder process and mapping

Thank you!

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