

Solid Waste Advisory Committee Meeting

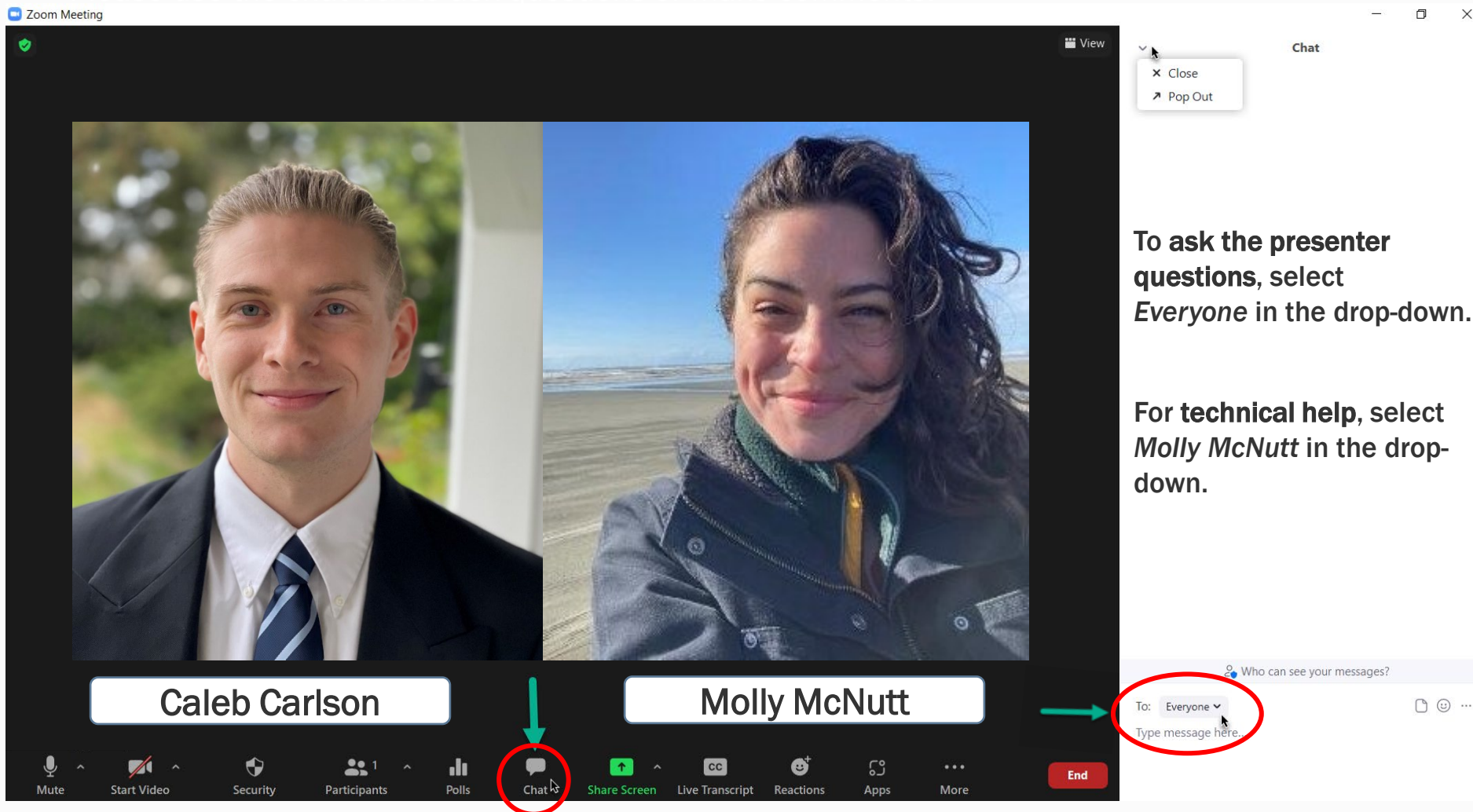
Welcome!

- Please keep your video off unless you are presenting – this will help with internet connectivity.
- We are conducting sound tests before 9:30 am, if you cannot hear us, please connect your audio.
- If you have technical issues, please use the chat box and we will help you troubleshoot.



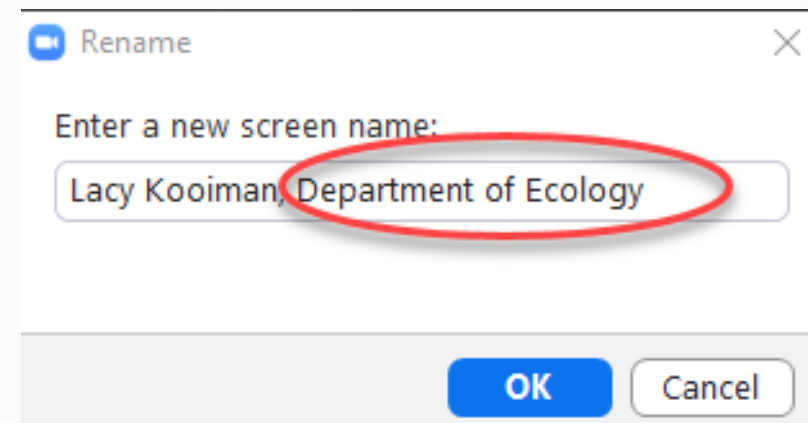
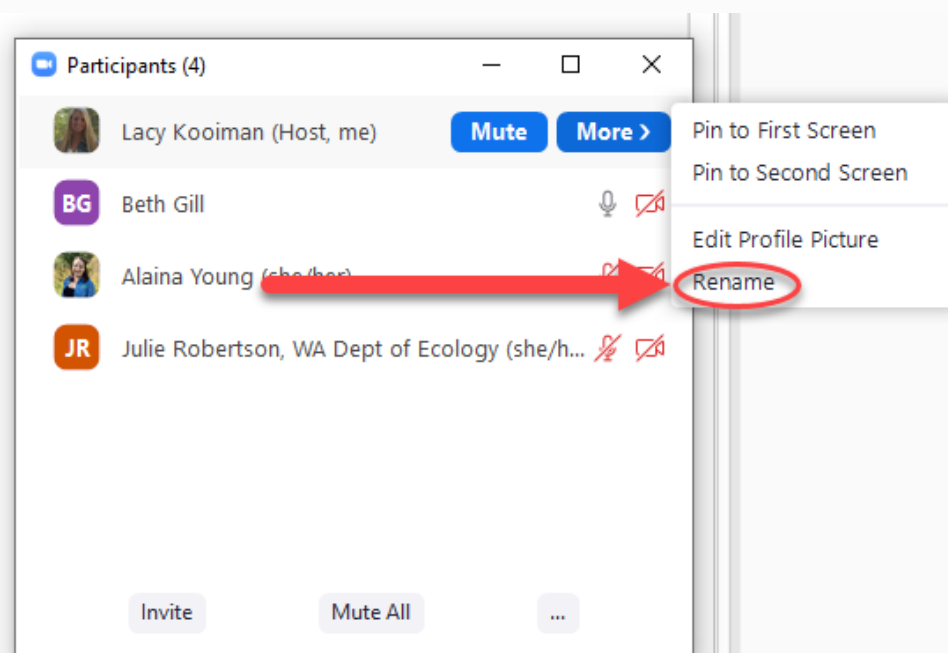
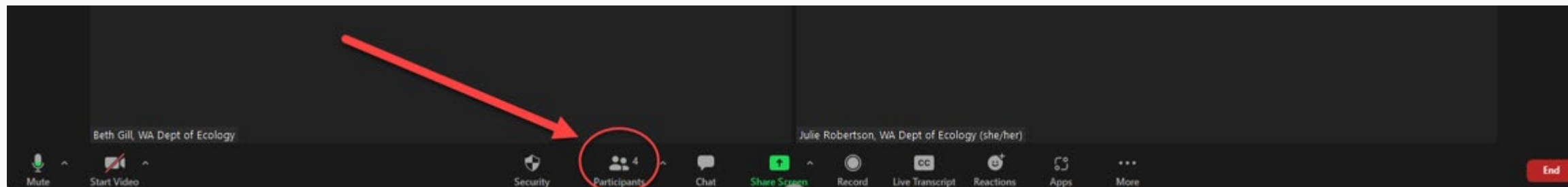
Assisting with this meeting:

Please use the chat box to ask questions or make comments.



The screenshot shows a Zoom meeting window with two participants: Caleb Carlson and Molly McNutt. Below their video feeds are their names in white boxes. At the bottom of the window is a toolbar with icons for Mute, Start Video, Security, Participants, Polls, Chat, Share Screen, Live Transcript, Reactions, Apps, and More. The Chat icon is circled in red, with a green arrow pointing to it from the text "Please use the chat box to ask questions or make comments." To the right of the meeting window is a chat panel titled "Chat". It has a "Close" button and a "Pop Out" button. Below these buttons, there is text: "To ask the presenter questions, select *Everyone* in the drop-down." and "For technical help, select *Molly McNutt* in the drop-down." At the bottom of the chat panel, there is a "Who can see your messages?" section with a "To:" label and a dropdown menu currently set to "Everyone". This dropdown is also circled in red, with a green arrow pointing to it from the text "For technical help, select *Molly McNutt* in the drop-down." Below the dropdown is a text input field labeled "Type message here..." and a "Send" button.

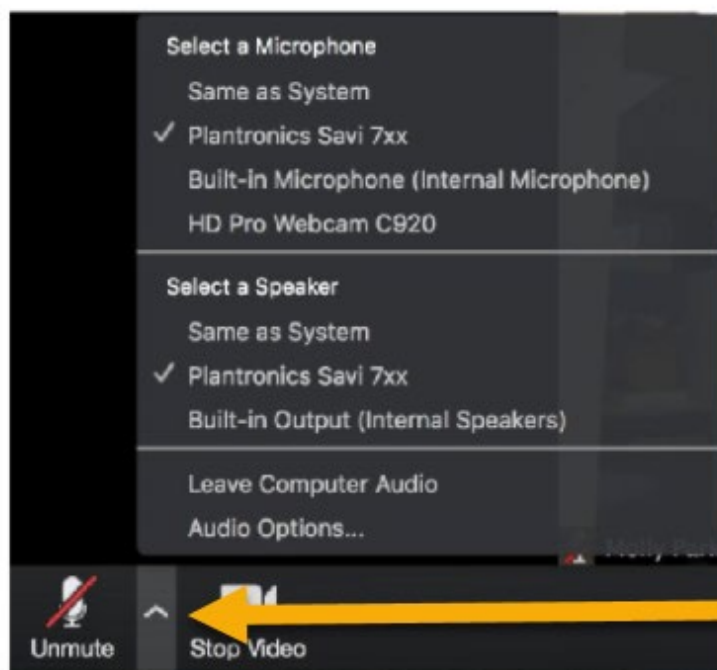
Zoom Functions: Rename to Add Your Affiliation



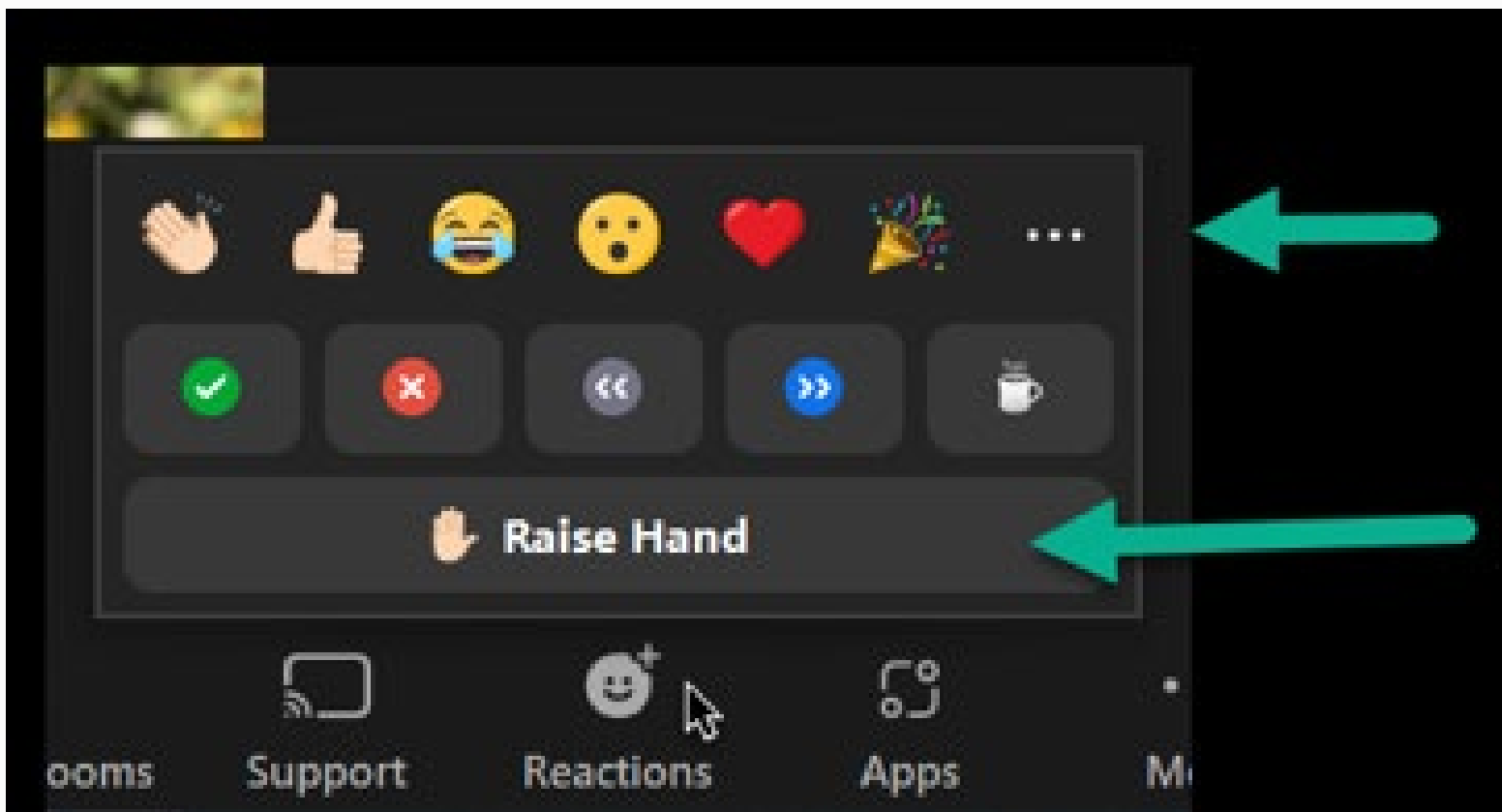
Zoom Functions: Audio Settings

Mute/Unmute & Audio Settings

You can mute and unmute your microphone. If you click on the arrow next to the mute button (bottom left main Zoom screen), you have additional options for audio settings. You can change your microphone, leave the computer audio or access the audio options.



Zoom Functions: Raising Your Hand





Solid Waste Advisory Committee Meeting

November 6, 2024

Agenda

Solid Waste Advisory Committee Meeting
November 6, 2024 | 9:30 a.m. – 11:25 a.m.

Call to Order & Zoom Meeting Instructions

9:30 a.m. | 5 minutes | Troy Lautenbach (Chair)

SWAC Update

9:35 a.m. | 5 minutes | Troy Lautenbach (Chair), Jay Blazey (Vice Chair)

Ecology Updates

9:40 a.m. | 5 minutes | Peter Lyon, Dept. of Ecology SWM

Legislative Priorities and Expectations for 2025

9:45 a.m. | 70 minutes

- **Association of Washington Cities – Carl Schroeder, Deputy Director of Government Relations**
- **Washington Food Industry Association – Katie Beeson, Government Affairs Director**
- **Zero Waste Washington – Heather Trim, Executive Director**
- **Washington Refuse & Recycling Association – Rod Whittaker, Counsel**

Legislative Priorities and Expectations for 2025 Cont.

- **Northwest Product Stewardship Council – Adrian Tan, King County Solid Waste Division**
- **Department of Commerce – Kirk Esmond, Sustainable Business Development**
- **Department of Ecology – Julie Robertson, Solid Waste Management**

Regional Glass Update

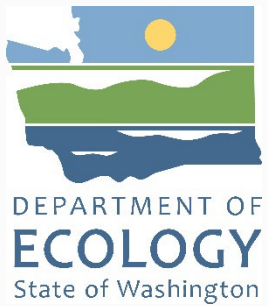
10:55 a.m. | 15 minutes | Dan Weston, Solid Waste Management

Member Updates & Roundtable

11:10 a.m. | 15 minutes | Troy Lautenbach (Chair)

Adjourn

11:25 a.m.



SWAC Update

Troy Lautenbach (Chair)



Ecology Updates

Peter Lyon, SWM Program Manager

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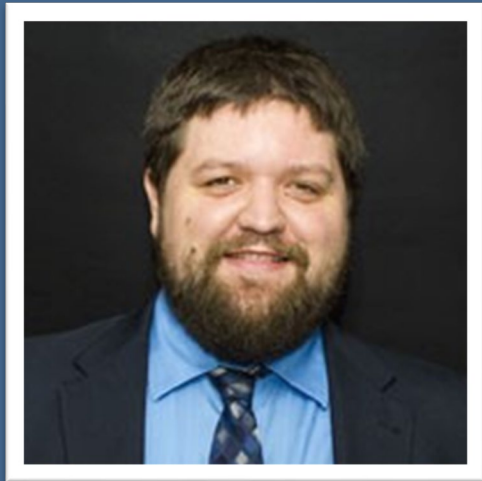
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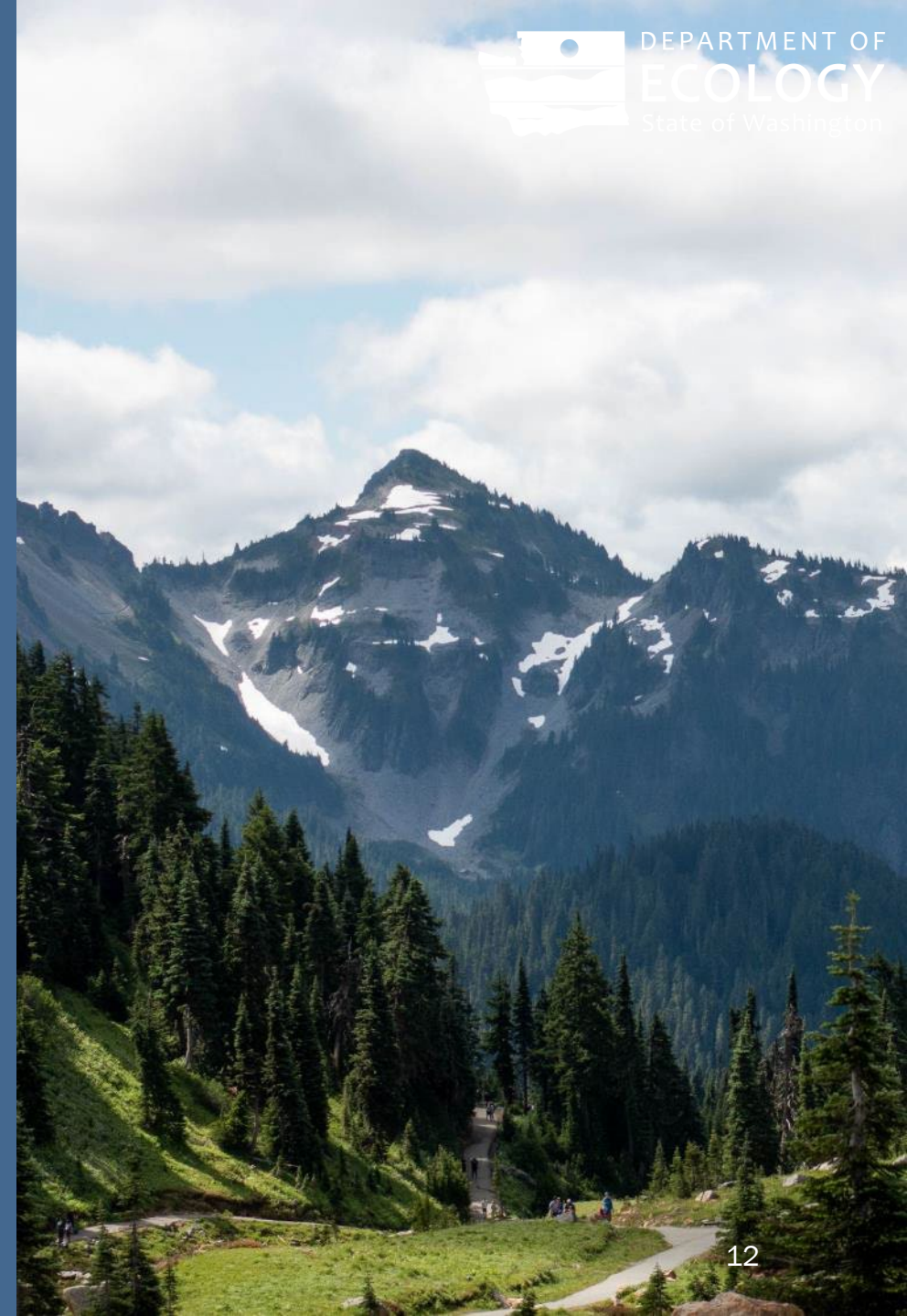
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November 6, 2024

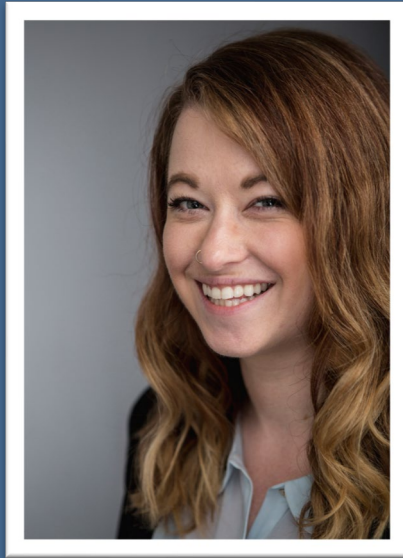
Association of Washington Cities



Carl Schroeder
Deputy Director of Government Relations
November 6, 2024



Washington Food Industry Association



Katie Beeson
Government Affairs Director

November 6, 2024



Zero Waste Washington



Heather Trim
Executive Director
November 6, 2024





2025 Potential Legislative Action

Zero waste policy

Ecology SWAC
Zero Waste Washington
November 6, 2024

2025

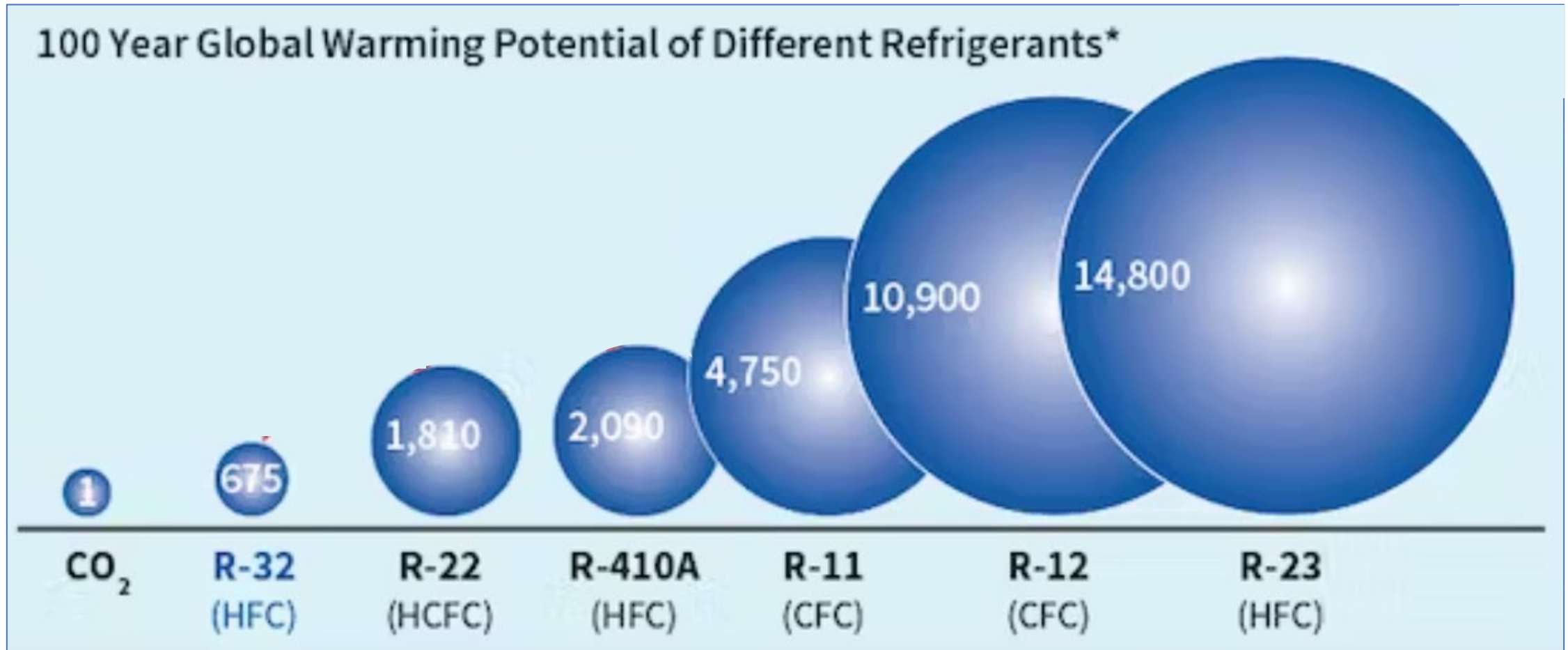


Refrigerant Recycling (HB 2401)

Rep. Davina Duerr



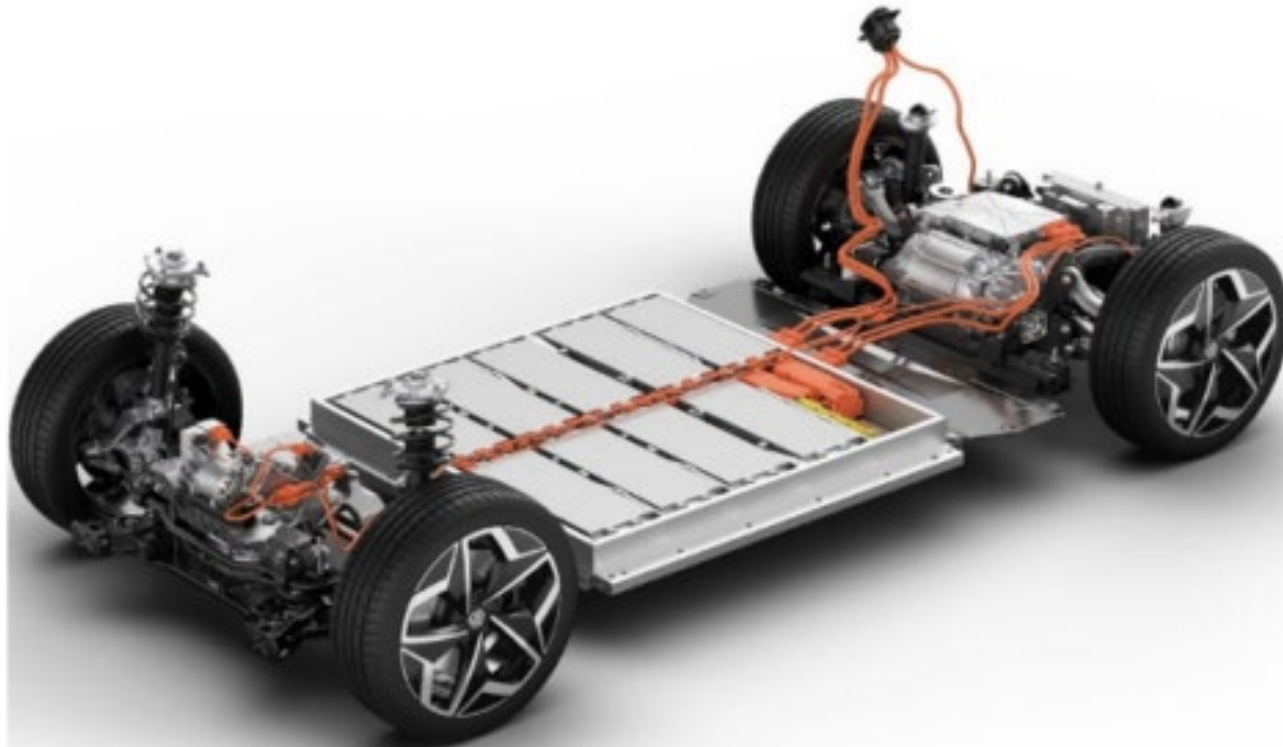
Global Warming Potential





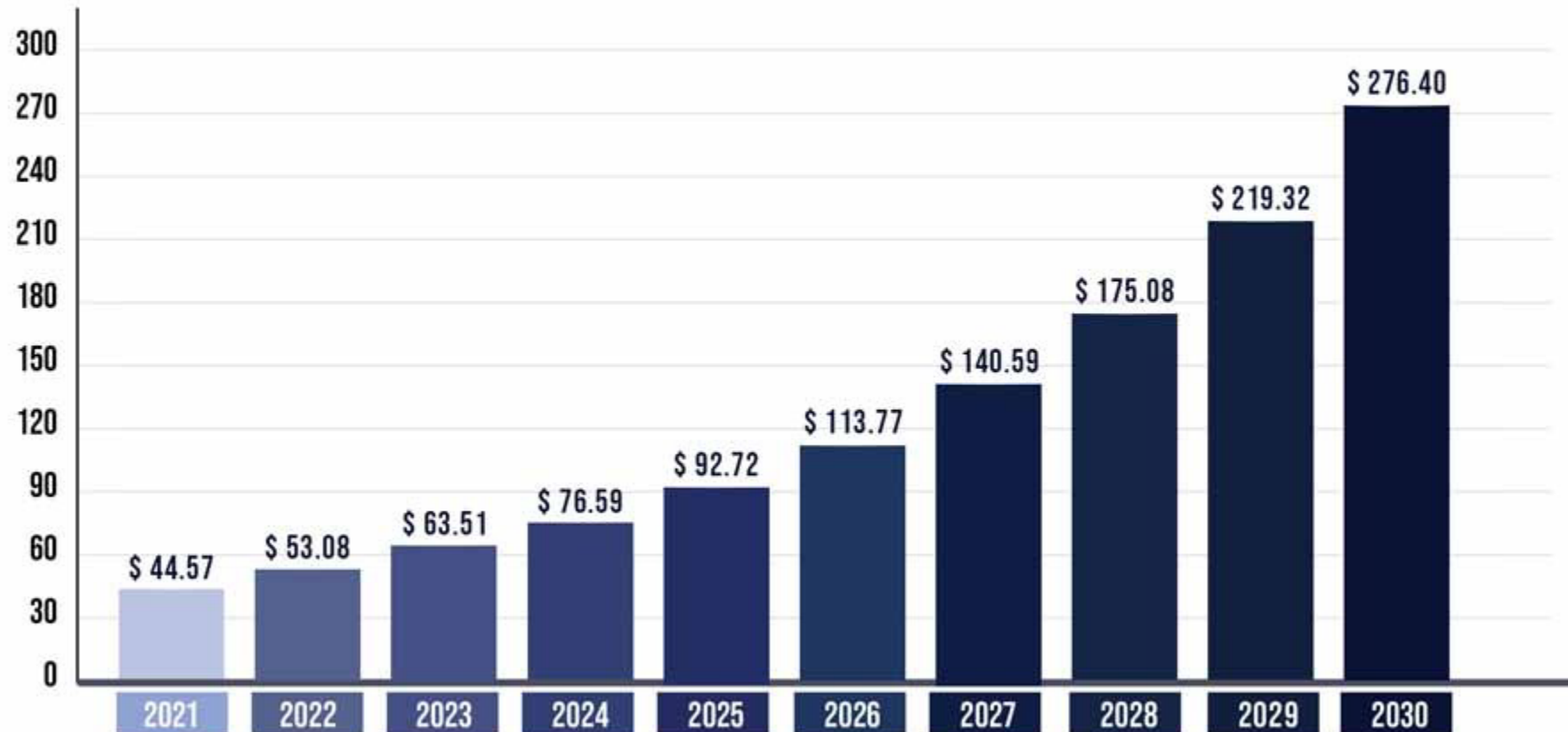
EV Battery recycling (SB 6319 / HB 2501)

Sen. Derek Stanford and Rep. Chipalo Street



<https://recyclinginside.com/e-waste-recycling/electric-vehicle-batteries-recycling-what-are-the-challenges-and-solutions/>

ELECTRIC VEHICLE BATTERY MARKET SIZE, 2021 TO 2030 (US\$ BILLION)



Source: www.precedenceresearch.com



Organics (yard and food waste)

Sen. John Lovick and Rep. Beth Doglio

HB2301 (2024)



Tom Jobson : W...

Tom Jobson : WSU



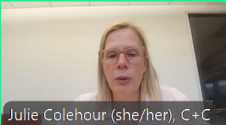
Heather Trim, Zero Waste ...

Jay Blazey Cedar...

Jay Blazey Cedar Grove

Samantha Winkle

Samantha Winkle



Julie Colehour (she/her), C+C



Matthew Cotton, IWMC

Sam Kwok, C+C...

Sam Kwok, C+C (she/her)

kathleenbrown

kathleenbrown

Ron Jones (he/h...

Ron Jones (he/him), Olym...

Fanny S-Gonzale...

Fanny S-Gonzalez Public H...

Kelsey Bailey, Ki...

Kelsey Bailey, King County ...

Rusty Cole - Pier...

Rusty Cole - Pierce County...

Amy Clow, WSDA

Amy Clow, WSDA

John Dawson, P...

John Dawson, PSCAA



Eric Williams, 2H

Robbie Grieco -...

Robbie Grieco - TPCHD



Julie Robertson, Dept of Ec...

Samantha Loud...

Samantha Louderback

Dan Corum, Tac...

Dan Corum, Tacoma (he/hi...

Dean Williams,...

Dean Williams, TPCHD



Scott Smithline

Steve Van Slyke...

Steve Van Slyke - PSCAA

Keith Johnston...

Keith Johnston TPCHD

Janet Thoman, C...

Janet Thoman, CMA (she/...

Diane Butorac, E...

Diane Butorac, Ecology (sh...

Alli Kingfisher, E...

Alli Kingfisher, Ecology, (sh...



Patrick Dunn

Thu/PHSKC

Thu/PHSKC

Carl Schroeder (...

Carl Schroeder (AWC)

Michele Willms,...

Michele Willms, AGC

Dean Williams-T...

Dean Williams-Tacoma Pie...



Teresita Torres



Jay Balasbas

Shepard-Koning...

Shepard-Koningsor, Matt



Julie Robertson

Amy Clow, WSDA

Amy Clow, WSDA

India Brine WRRR

India Brine WRRR

cindi Holmstrom

cindi Holmstrom

Samantha Loud...

Samantha Louderback

Marty Kuljis - Sa...

Marty Kuljis - Sanitary Serv...

Bill Flagg

Bill Flagg

Steve Van Slyke...

Steve Van Slyke - PSCAA

Mark Koster, Th...

Mark Koster, Thurston Co. ...

Nina Gibson, W...

Nina Gibson, WSDA

Ron Jones, Olym...

Ron Jones, Olympia

Veninga, Catheri...

Veninga, Catherine

John Dawson

John Dawson



Harpreet Kaur, Zero Waste...

Joanna Ekrem, E...

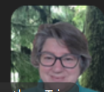
Joanna Ekrem, Ecology Air...

Kevin Kelly

Kevin Kelly

Kate Kurtz (she/...

Kate Kurtz (she/her) Seattle...



Heather Trim

Holly Yanai (Div...

Holly Yanai (Divert)

Jenna McInnis

Jenna McInnis



Julie Colehour (she/her), C...

Jay Blazey, Ceda...

Jay Blazey, Cedar Grove

Sam Kwok, C+C...

Sam Kwok, C+C (she/her)

iPhone

iPhone

Shepard-Koning...

Shepard-Koningsor, Matt

Robbie Grieco -...

Robbie Grieco - TPCHD

David Uhl (he/hi...

David Uhl (he/him)

Dean Williams,...

Dean Williams, TPCHD

Spencer Orman...

Spencer Orman - City o...

Thu/PHSKC

Thu/PHSKC



Eliza Kruszynski, King C...

Alli Kingfisher, E...

Alli Kingfisher, Ecology, ...

Rebecca Francik...

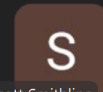
Rebecca Francik- Basin ...

Ted Carlson

Ted Carlson

Kaylie

Kaylie



Scott Smithline

Dale Patrick - Sk...

Dale Patrick - Skagit Co...

Samantha Winkle

Samantha Winkle

Marty Kuljis - Sa...

Marty Kuljis - Sanitary S...

Lipson, Jacob

Lipson, Jacob

Travis Dutton |...

Travis Dutton | WSAC

Kevin Kelly

Kevin Kelly

Jessica Fortescue

Jessica Fortescue

Jeremy Vrablik -...

Jeremy Vrablik - Cascad...

Sean Kawakami...

Sean Kawakami - Conv...

Christine Brewer

Christine Brewer

Chris Reigelsper...

Chris Reigelsperger - WM

Jody

Jody

Caitlin Newman...

Caitlin Newman - Kitsa...

Samantha Winkle

Samantha Winkle

Jun Wu. she/her...

Jun Wu. she/her, TPCHD

Maria Machado-...

Maria Machado-Granis...

gena

gena

Ali Blum, KCSWD

Ali Blum, KCSWD



Nick Streuli

Michael Smith

Michael Smith

Rod Whittaker (...

Rod Whittaker (WRRR)

Yolanda Pon, PH...

Yolanda Pon, PH Solid ...

Keith Johnston...

Keith Johnston TPCHD

Leslie Perkins, W...

Leslie Perkins, WA Com...

Aaron Czyzewsk...

Aaron Czyzewski, Food ...

Rick Vahl

Rick Vahl

Rick Miller, NW...

Rick Miller, NWCCA

Eric Shaporda, G...

Eric Shaporda, GCHD

Rebecca Francik...

Rebecca Francik- Basin ...

Linda Rapozo -...

Linda Rapozo - Emerge...



Video



Participants



Chat



React



Share



Show captions



Whiteboards



More



Participants



Chat



React



Share



Show captions



Whiteboards



More



Leave

Meeting Topic Areas

21-Aug: **Residual pesticides** and **Carbon sequestration project incentives**

5-Sep: **Operator training** and **Food waste tracking & flow map** (Use Food Well WA recommendations)

19-Sep: **School food waste** (Use Food Well WA recommendations)

3-Oct: **C&D waste study** and **Offal**

10-Oct: **Load rejection** and **Bin color**

24-Oct: **Education focused on participation and keeping it clean** and **Permitting, siting, and air quality**

13-Nov: **Multi-family source separation** and **Enforcement**

21-Nov: **Compostable products** and **Food date labeling**

12-Dec and 2-Jan: **TBD**

Residual pesticides

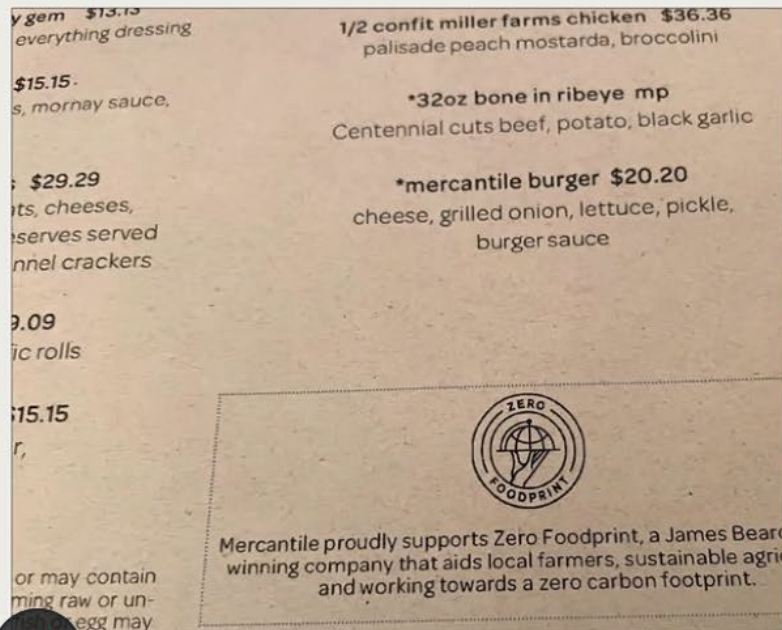
Clopyralid, aminopyralid, aminocyclopyrachlor, and picloram



Oregon Department of Agriculture,

Carbon sequestration project incentives

Join Zero Foodprint Make Every Purchase a Climate Solution



- \$0 Bottom Line impact (customers & staff love it!)
- Example: \$1M per year in sales → \$10k for healthy soil.
- ~300 tons of modeled CO2e sequestration like not burning ~34,000 gallons of gas per year.
- Local farmland would store an extra ~750,000 gallons.



Sam Kwok (she/...

Sam Kwok (she/her)

Heather Trim, Z...

Heather Trim, Zero Waste ...



Julie Colehour (she/her), C...



Anthony Myint - Zero Foodprint

Carbon sequestration project incentives

We Optimize Climate Benefit Per \$ *(so you don't have to)*

Farmers and Trusted Conservation Experts submit Grant Requests.

ZFP divides the **TOTAL COST** by the **TOTAL CARBON BENEFIT** to find **THE BEST CLIMATE ROI.**

$$\begin{array}{|c|} \hline \text{Total Cost} \\ \hline \$16,000.00 \\ \$19,900.00 \\ \hline \end{array} \div \begin{array}{|c|c|} \hline \text{Total CO2e} \\ \hline 1195.00 \\ 931.24 \\ \hline \end{array} = \begin{array}{|c|} \hline \text{Climate ROI} \\ \hline \$13.39 \\ \$21.37 \\ \hline \end{array}$$

| Name | Practices | Total Cost | Practice Cost | Total Acres | Total CO2e | TAP | TAP cost | Climate ROI |
|---------------|--|-------------|---------------|-------------|------------|----------------------------|------------|-------------|
| delante S... | Compost Application Mulching Tree/Shrub Establishment | \$16,000.00 | \$14,000.00 | 18.0 | 1195.00 | UCANR | \$2,000.00 | \$13.39 |
| Mundi Farm | Compost Application | \$19,900.00 | \$19,900.00 | 63.0 | 931.24 | UCANR | \$0.00 | \$21.37 |
| ickert Ra... | Range Planting | \$24,500.00 | \$24,500.00 | 200.0 | 500.00 | Point Blue Conservation | \$0.00 | \$49.00 |
| vergreen | Compost Application Cover Crop Hedgerow Planting | \$25,000.00 | \$22,000.00 | 50.0 | 435.63 | San Diego RCD | \$3,000.00 | \$57.39 |
| erucchi R... | Compost Application Range Planting | \$28,600.00 | | | 431.63 | Gold Ridge RCD | \$4,100.00 | \$66.26 |
| asbar Far... | Compost Application Cover Crop No-Till | | | | 369.00 | Dixon RCD | \$500.00 | \$67.91 |
| Vindrose ... | Compost Application Compost Application | | | | 196.09 | Upper Salinas-Las Tablas | \$2,000.00 | \$72.42 |
| Vindrose ... | Compost Application Compost Application | | | | 216.32 | Upper Salinas-Las Tablas | \$2,000.00 | \$74.89 |
| ilacci Dai... | Riparian Forest Buffer* Compost Application | | | | 253.31 | Sonoma RCD | \$3,000.00 | \$78.95 |
| onoma C... | Hedgerow Planting | | | | 315.00 | California Land Trust Inc. | \$0.00 | \$79.37 |
| Varnecke ... | Conservation Cover Compost Application | | | | 260.23 | Sonoma RCD | \$5,000.00 | \$90.47 |
| White Buff... | Compost Application Cover Crop | \$4,980.00 | \$4,980.00 | 20.0 | 47.40 | UCANR | \$0.00 | \$105.06 |
| odega Pa... | Compost Application Hedgerow Planting Prescribed Grazing | \$29,065.70 | \$24,965.70 | 255.8 | 244.64 | Gold Ridge RCD | \$4,100.00 | \$118.81 |
| un Track... | Cover Crop Hedgerow Planting Mulching Conservation Cove | \$4,400.00 | \$4,400.00 | 32.2 | 37.00 | Point Blue Conservation | | \$118.92 |
| olorio's F... | Compost Application Cover Crop | \$2,301.00 | \$2,301.00 | 6.0 | 18.80 | Monterey RCD | \$0.00 | \$122.39 |

EXCERPT FROM
GRANT DATABASE
(SORRY TO GET IN THE WEEDS!)

Sam Kwok (she/...

Sam Kwok (she/her)

Heather Trim, Z...

Heather Trim, Zero Waste ...



Julie Colehour (she/her), C...



Anthony Myint - Zero Foodprint

Operator Training



Compost Operator Training participants work on a pile.



Compost Operator Training trommel demonstration.

Offal



<https://csanr.wsu.edu/composting-workshop-offal-and-meat-processing-waste/>

Load rejection



Education focused on participation and keeping it clean and tracking participation



www.biocycle.net/organics-management-western-canada/



Permitting, siting, and air quality



California Senate Bill 1046, signed Sept 24
CalRecycle to create program environmental
impact report for the development of small
and medium compost facilities

www.pwcva.gov/department/solid-waste-management/locations-hours

Multi-family source separation



<https://axisarchitecture.com>

1400A0824 L1 07:10
BEST BY MAR 22 2024

EAT BEFORE
06-2027

Lot 30F1424 12:09
TRAD REFRIED BEANS

Date Labeling Standardization

CA AB 660 signed by Governor Newsom:

82001. (a) On and after **July 1, 2026**, a food manufacturer, processor, or retailer responsible for the labeling of food items for human consumption that chooses, or is otherwise required by law, to display a date label to communicate a quality or safety date on a food item manufactured on or after July 1, 2026, shall use one of the following uniform terms on the date label:

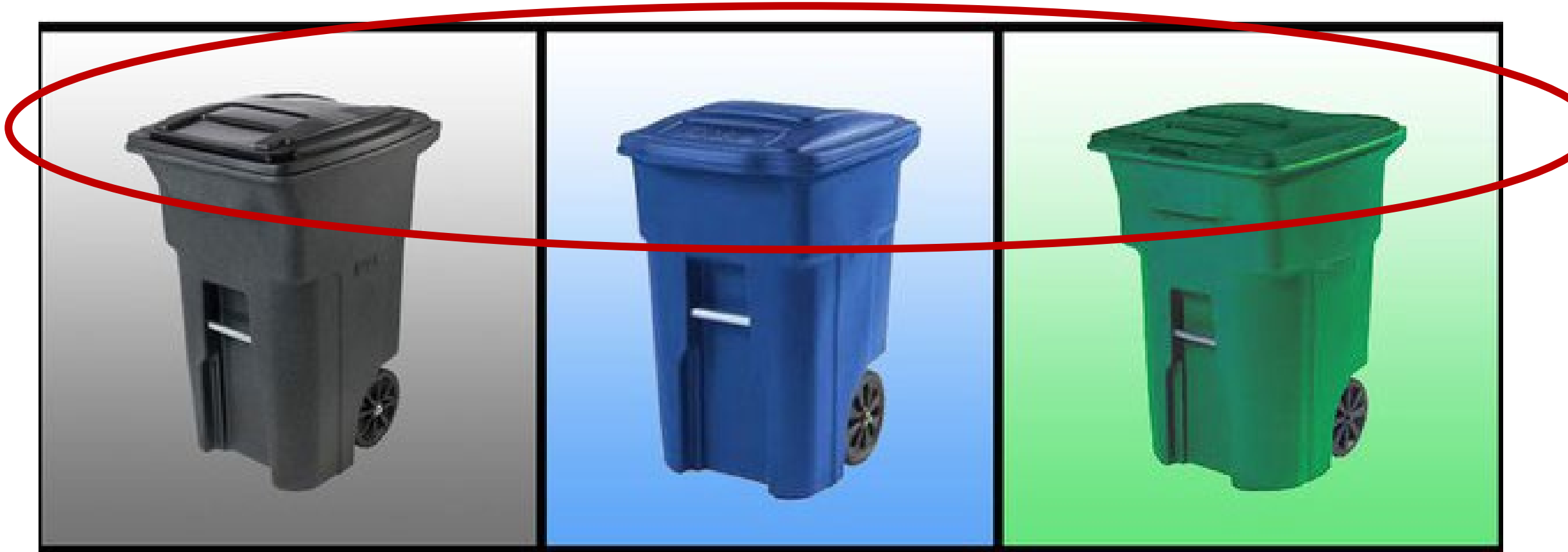
- (1) **“BEST if Used by”** or **“BEST if Used or Frozen by”** to indicate the quality date of the food item.
- (2) **“USE by”** or **“USE by or Freeze by”** to indicate the safety date of the food item.
- (3) **“BB”** to indicate the quality date of the food item if the food item is too small
- (4) **“UB”** to indicate the safety date of the food item if the food item is too small ...



Standardize bin colors



Standardize bin colors





C&D waste study





Right to Repair *(SB 5464 / HB 1392)*

Sen. Derek Stanford and Rep. Mia Gregerson





Thank You!

Heather Trim

heather@zerowastewashington.org

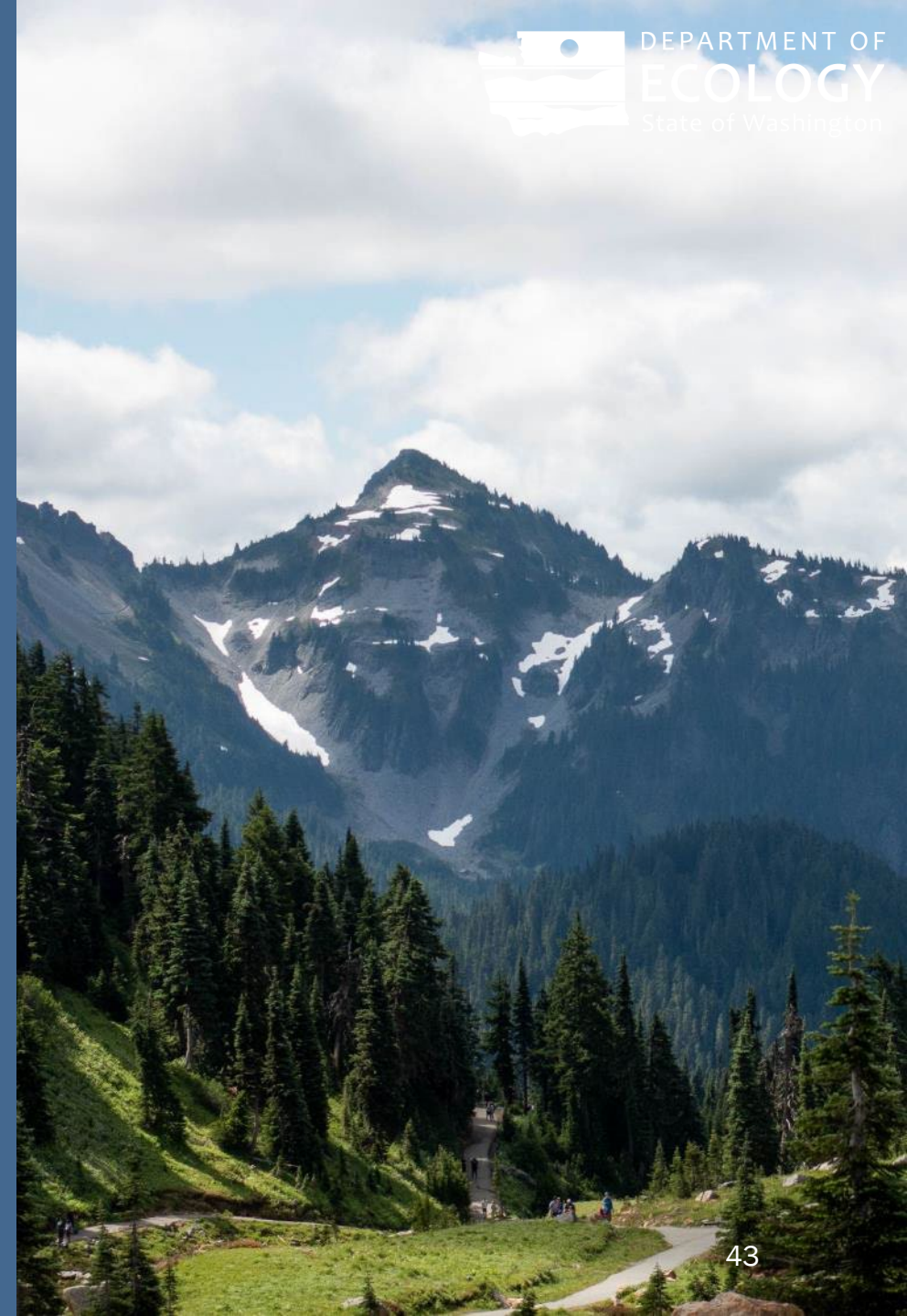
Zero Waste Washington

www.zerowastewashington.org

Washington Refuse & Recycling Association

Rod Whittaker
Counsel

November 6, 2024



WRRRA

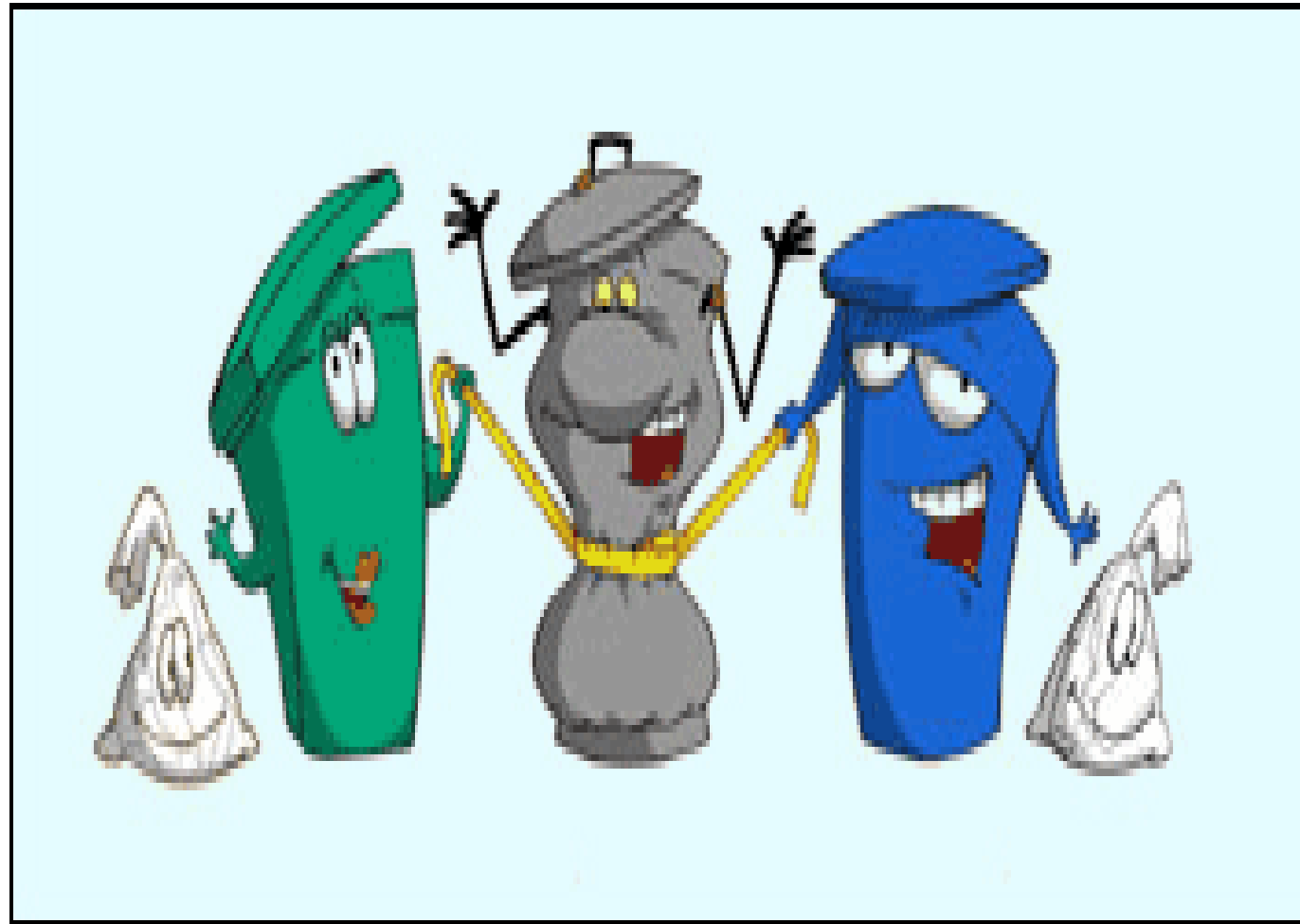
2025 Legislative Session Priorities

PRESENTATION TO DOE SWAC

WASHINGTON REFUSE & RECYCLING ASSOCIATION
ROD WHITTAKER, IN-HOUSE COUNSEL

NOVEMBER 17, 2024






Our Public-Private Partnership in WA Works!

Net-Zero GHG Analysis 2019

| | | | |
|---------|---|-------------|---------------------|
| Scope 1 | Landfill Activity – DOE Data 2018 | 1,600,000 | MTCO ₂ e |
| Scope 1 | Fleet – DOT data - Industry averages | 117,887 | MTCO ₂ e |
| Scope 2 | Energy Use – Industry averages | 17,683 | MTCO ₂ e |
| Scope 3 | Recycling (Composting, AD, Combustion) DOE Data with Federal WARM Model 2018 | <6,797,772> | MTCO ₂ e |

$$\frac{\text{Avoided GHG Emissions – Scope 3}}{\text{GHG Emissions – Scope 1 and 2}} = \frac{6,797,772}{1,735,570} = 3.9 \text{ Times}$$




WASHINGTON
REFUSE &
RECYCLING
ASSOCIATION

2025 Legislative Priorities

- ❖ Provide input and expertise on all solid waste legislation.
- ❖ Introduce legislation that can improve recycling within our current system & plan for the future.
- ❖ Focus on Implementation and enforcement for organics, lessons learned from curbside recycling, don't make same mistakes.



WASHINGTON
REFUSE &
RECYCLING
ASSOCIATION

IMPROVE CURBSIDE RECYCLING 2025 Legislation

-
- ❖ **2021 – HB 1488** – PCRC & Funding for Recycling Infrastructure.
 - HB 1488 merged into SB 5022, our current PCRC law
 - ❖ **2022 – SB 5685** – PCRC Expansion & CA Truth in Labeling Law / Study
 - ❖ **2024 – HB 1900** – Needs Assessment, Producer Registration, PCRC, Truth in Labeling, Low-Income Rates



WASHINGTON
REFUSE &
RECYCLING
ASSOCIATION

IMPROVE CURBSIDE RECYCLING 2025 Legislation

-
- **Post-Consumer Recycled Content (PCR)**
 - - SB 5022 Stakeholder Work
 - **Truth in Labeling Law (TIL)**
 - **Needs Assessment – Statewide List Development (non-mandatory)**
 - **Producer Registration**
 - **Low-Income Rates**



WASHINGTON
REFUSE &
RECYCLING
ASSOCIATION

INCREASE DIVERSION OF ORGANICS

- **WRRA Supports Implementation of the Organics Management Law (OML) 1.0 and 2.0 (HB 1799 & 2301)**
- **2025 Organics Legislation Emphasize Implementation & Enforcement**
- **Organics Rulemaking at Ecology**
- **Promote work on edible food and food recovery**

Northwest Product Stewardship Council



Adrian Tan
King County Solid Waste Division
November 6, 2024





NWPSC Legislative Preview for EPR

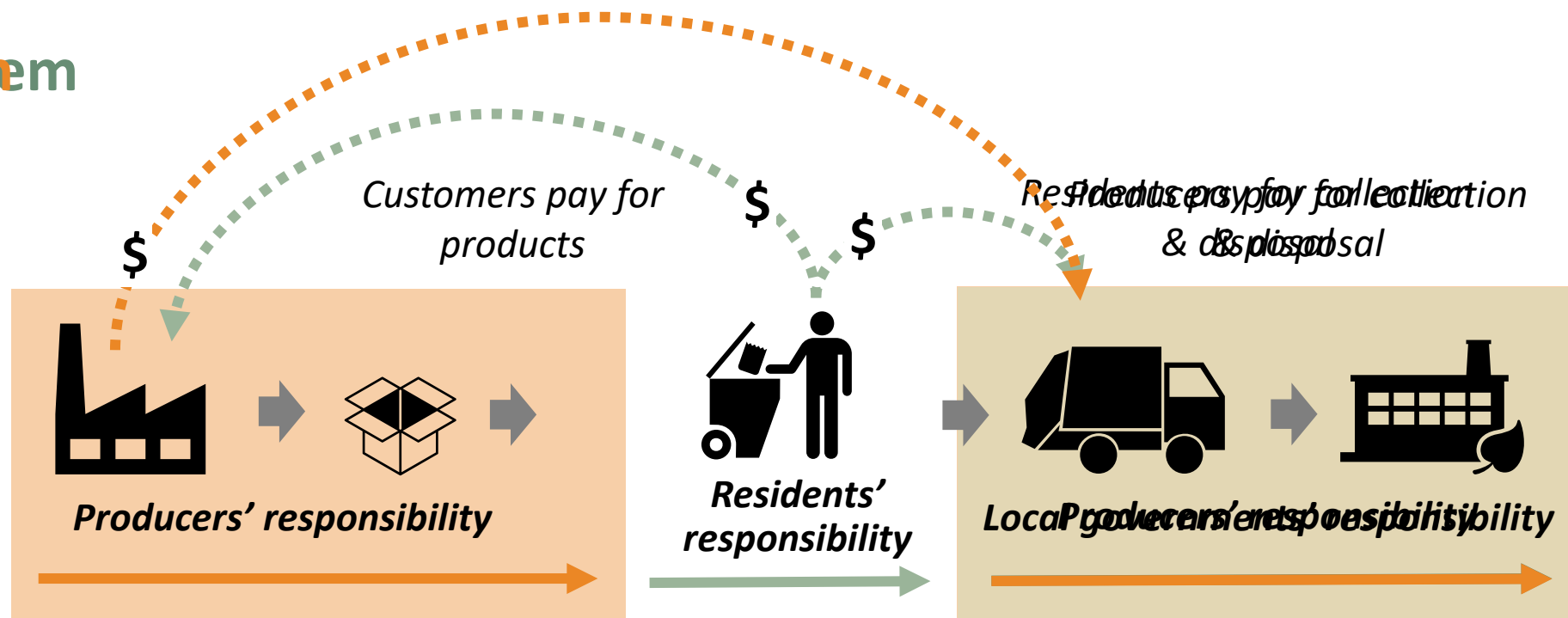
State SWAC Meeting | November 6, 2024



**Northwest Product
Stewardship Council**

Extended Producer Responsibility (EPR)

EPR Program

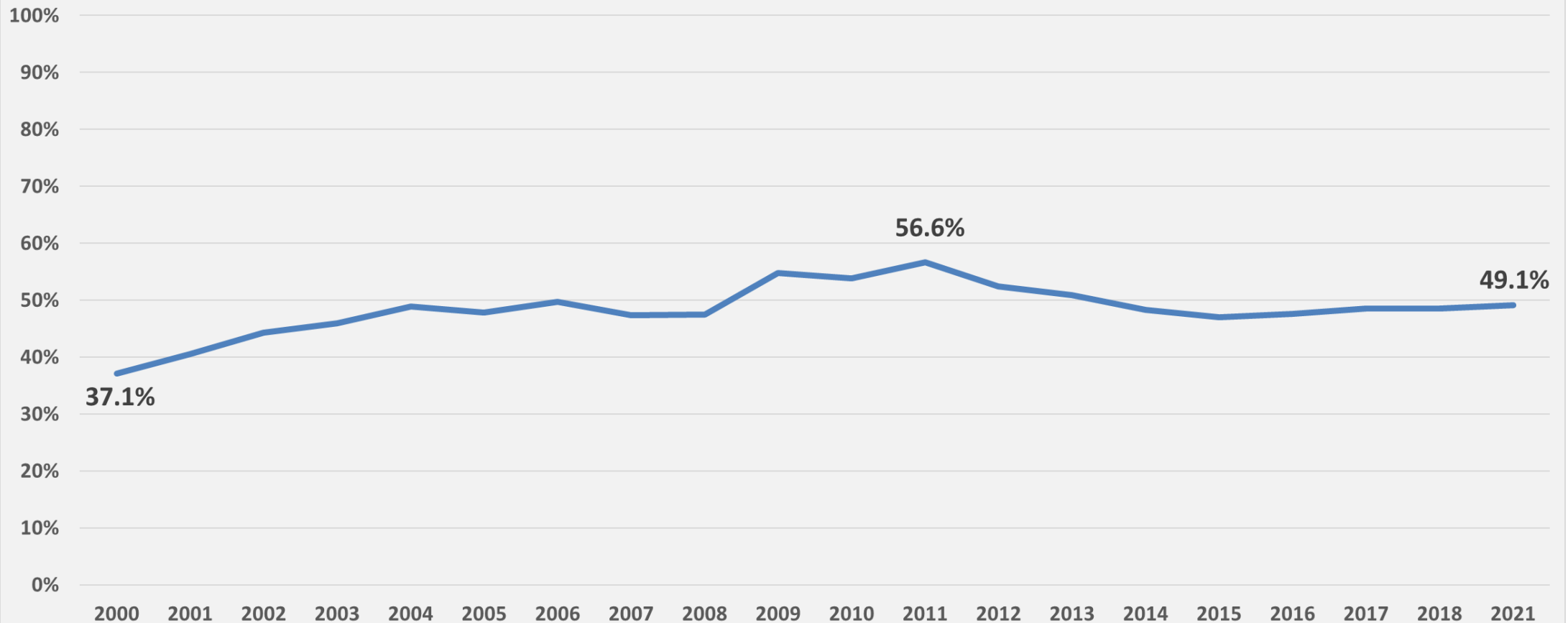




Waste Not WA Act (1989): *Recycling 50% of Washington State's waste by 1995*

Recovery rate in Washington

The percentage of materials collected for recycling, composting, and other beneficial uses such as burning for energy.

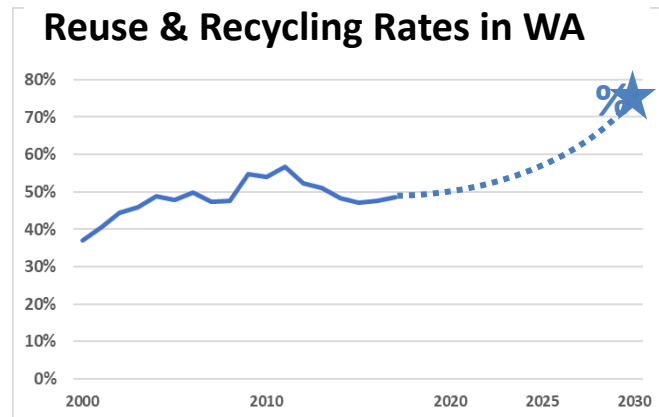




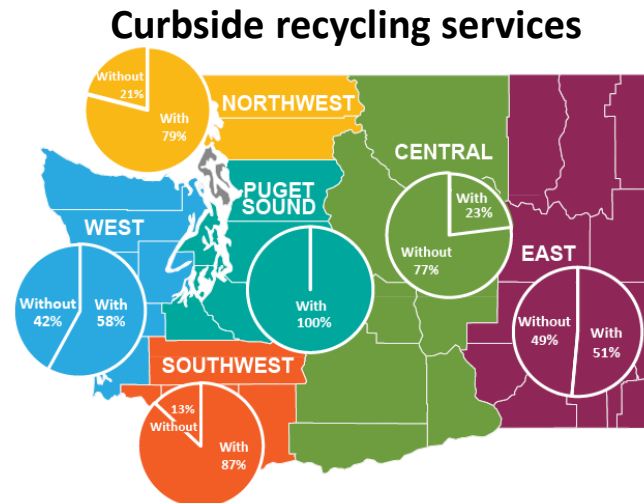
Improving outcomes

The intent with EPR

**Increased reuse
and recycling**



**Improving access to
recycling across the
state**



**Responsible recycling –
*transparency and
accountability***

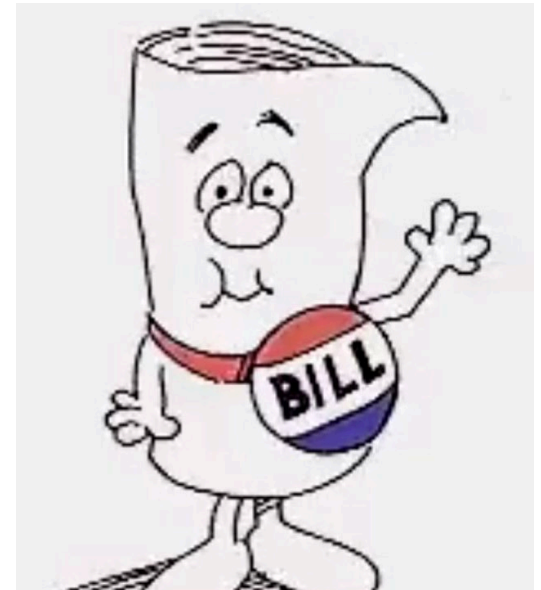


Legislative preview

EPR related bills expected in 2025

1. **EPR for Packaging and Paper Products** (Rep. Berry)
2. EPR for Mattresses
3. Deposit-Return System for beverage containers
4. Delaying Solar Panel Stewardship (*Agency Request*)
5. Amending Safe Medication Return (*Agency Request*)
6. EPR for Electric Vehicle (EV) Batteries
7. EPR for Refrigerants

+ *Right to Repair*



A decorative graphic on the left side of the slide consists of an 8-square grid (4 rows by 2 columns). Each square contains a different icon: a battery, a paint can, a roll of paper, two pills, a power button, a hand holding a pencil, a water bottle, and a calculator. The grid is colored in shades of green, orange, and yellow.

Thank you!

Contact

- **WA Co-Chair of the NWPSC: Adrian Tan**, King County Solid Waste Division, adtan@kingcounty.gov

Department of Commerce



Kirk Esmond
Sustainable Business Development
November 6, 2024



Washington State Circular Economy

SOLID WASTE ADVISORY COMMITTEE (SWAC)
— COMMERCE INITIATIVES AND OPPORTUNITIES —
NOVEMBER 5, 2024

Kirk Esmond | Circular Economy Development Director

Office of Economic Development & Competitiveness | Washington State
Department of Commerce



Washington State
Department of
Commerce



We strengthen communities



HOUSING AND
HOMELESSNESS



INFRASTRUCTURE AND
BROADBAND



SMALL BUSINESS
ASSISTANCE



ENERGY



PLANNING AND TECH
ASSISTANCE



COMMUNITY
SERVICES AND FACILITIES



CRIME VICTIMS AND
PUBLIC SAFETY



ECONOMIC
DEVELOPMENT

Economic Development (OEDC)

Serves as a think tank for reshaping the state's economy for decades to come.





Circularity and Symbiosis

Decoupling economic growth from the consumption of finite resources.



Circular Economy Sector

An emerging high-value sector

A circular economy reduces material use, redesigns materials to be less resource intensive, and recaptures “waste” as a resource to manufacture new materials and products.*

*US EPA – National Recycling Strategy:
[What is a Circular Economy?](#)

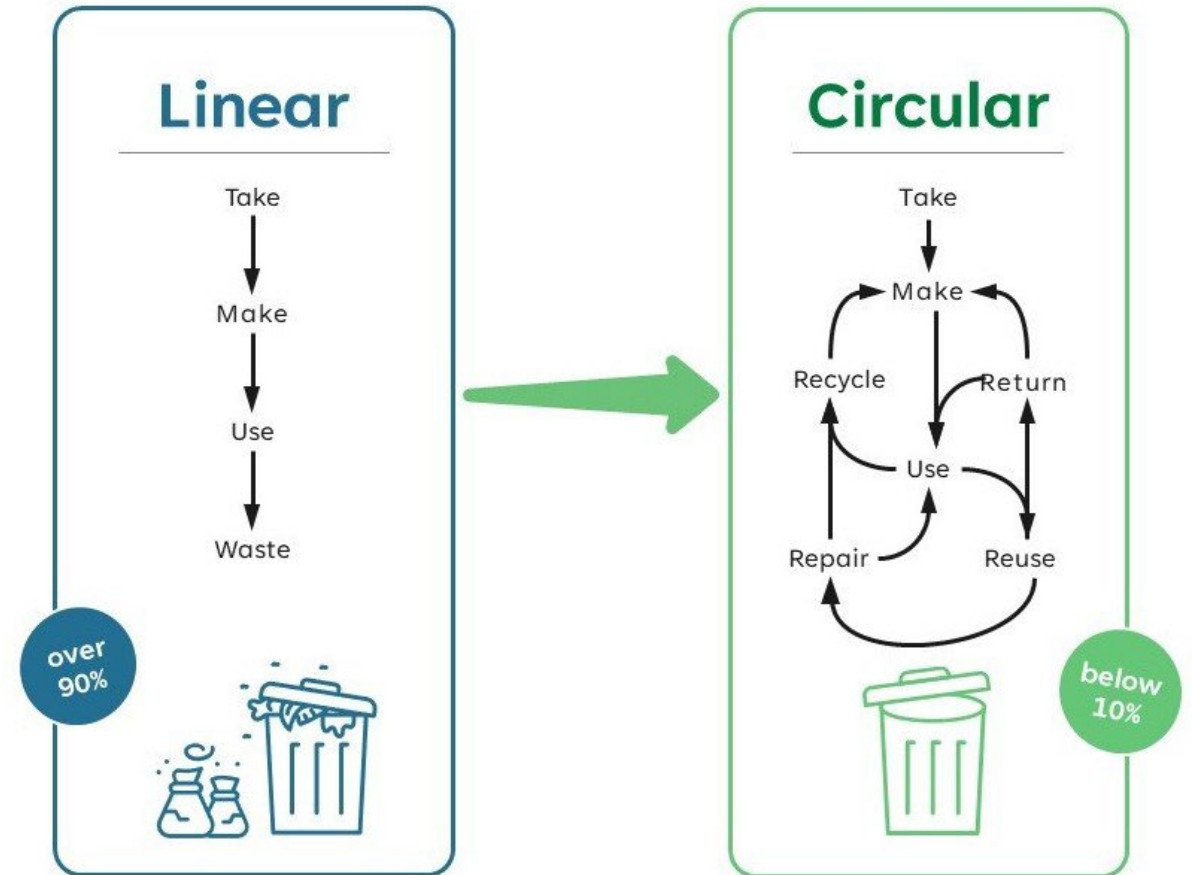


Image credit: [NextCycle WA](#)

Industrial Symbiosis Program

Turning waste into value

11 Industrial Symbiosis projects awarded since 2021

\$1.85 million in Commerce ISP funding investments:

3 - Clean tech/energy sector related investments

6 - Agriculture/food manufacturing sector

1 - Forest/timber sector

1 - Construction/building sector





Industrial Symbiosis Program

Learning from International Innovation

Systemic Approach to Clean Industry project (SACI) – Denmark

Multi-organizational Symbiosis Training in Kalundborg – US and Brazil

Washington state Agricultural Symbiosis Study Tour - Denmark

Bioeconomy Forest Innovation Trade Mission – Finland

International Industrial Symbiosis Alliance / Green Rio – Brazil



Agency Recommendation: Circular Economy Acceleration



Department of Commerce
2025-27 Regular Budget Session
Policy Level - 01 - OEDC-Circular Economy Acceleration

Agency Recommendation Summary

This request will make progress toward statewide emissions-reduction targets while also investing in equitable social outcomes. Ongoing funding is required to invest in the widespread benefits of the state's emerging circular economy, including economic growth, job creation, and lower greenhouse gas emissions. These funds will accelerate the state's pathway toward a sustainable circular economy, emphasizing industrial waste reduction and recycling innovation that will also achieve decarbonization goals. The Industrial Symbiosis Program will diversify program support while capitalizing on current investments across various economic sectors such as forestry, agriculture, and advanced manufacturing.

Key takeaways:

- **Grant funding** – scaled to better meet industry demand and opportunities
- **Multi-tier grants** – for early-stage projects to become investment ready
- **Continued commitment** – targeting 40% funding toward overburdened communities

[01-OEDC-Circular Economy Acceleration](#)

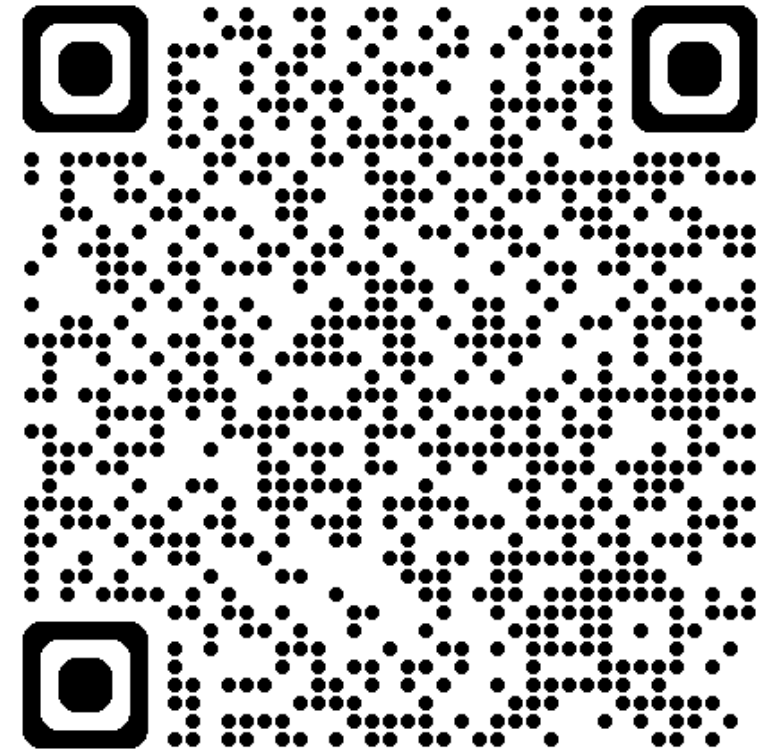


Washington State
Department of
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Emerging Opportunities

What's next?

- ✓ Continuing sector growth through connections, increased legislative interest and resources
- ✓ Expanding recycling market development platforms
- ✓ Broadening international trade missions and knowledge exchange
- ✓ Increasing diversity of sustainable energy across high-value economic sectors
- ✓ Advancing the next industrial *evolution*



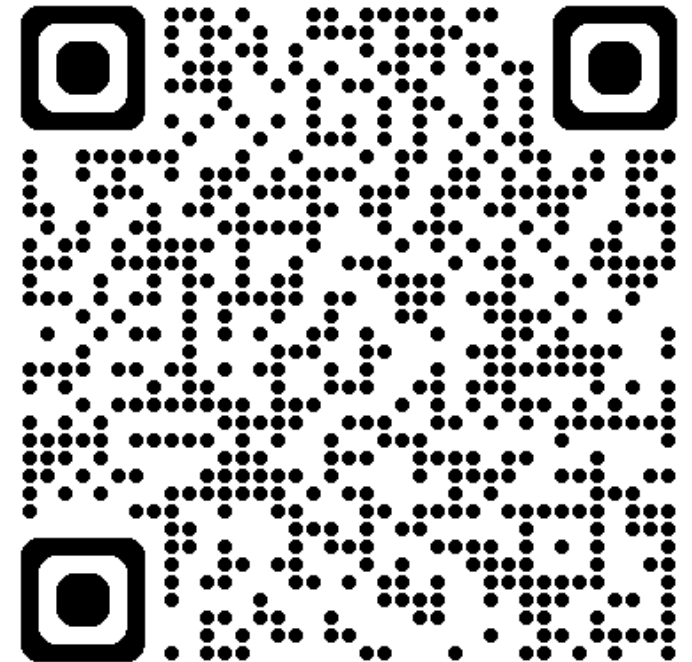
[WA Commerce - Circularity and Symbiosis Programs](#)



Resources

- [Washington's Electronic Business Solution \(WEBS\)](#)
- [Washington State Department of Commerce - govdelivery.com](#)
- [FundHubWA](#) (clean energy grants and incentives)
- [NextCycle WA - Circular Funding Resource Guide](#)
- [Industrial Symbiosis Program](#)
- [Clean Energy Fund](#)
- [Industrial Site Readiness Grant](#)
- [Innovation Cluster Accelerator Program \(ICAP\)](#)
- [Evergreen Manufacturing Growth Grant](#)
- [Grow My Business - Startup Washington \(mystartup365.com\)](#)
- [Washington Department of Revenue - tax incentive programs](#)
- [Recycling Development Center](#)
- [Organics Management in Washington State](#)
- [Agricultural Symbiosis Report to the Legislature](#)
- [The North-West Symbiosis: Creating resource-efficient industries \(white paper\)](#)

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Thank you.

Kirk Esmond

CIRCULAR ECONOMY DEVELOPMENT DIRECTOR

kirk.esmond@commerce.wa.gov

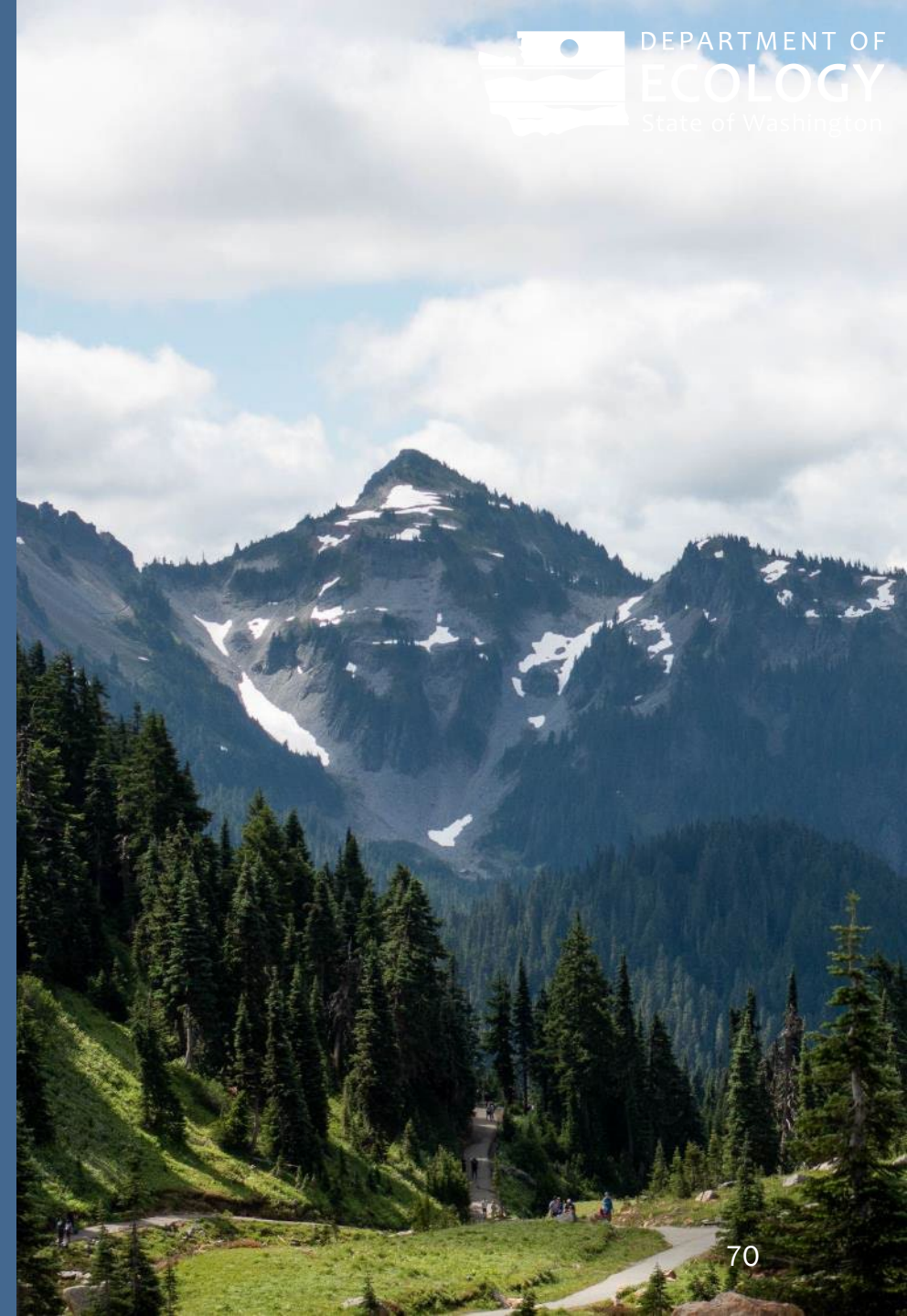
206-837-2622

www.ChooseWashingtonState.com

Department of Ecology SWM



Julie Robertson
Legislative Coordinator
November 6, 2024



State Solid Waste Advisory Committee

Julie Robertson



Problems with Chapter 70A.510 RCW Photovoltaic Module Stewardship & Takeback Program

- Manufacturers required to submit stewardship plans to Ecology July 1, 2024
- Beginning July 1, 2025, PV modules may not be sold into Washington unless the manufacturer of that module has an approved plan
- Many manufacturers have decided to not sell in Washington, threatening the state's transition to clean energy



Agency Request Legislation



Delays stewardship plan submittal until January 31, 2028



Delays “do not sell” provision until January 31, 2029



Calls for the formation of an advisory committee

Third party facilitator

Develop recommended changes to the law

Culminates with Ecology legislative report,
December 1, 2026

Stay in Touch

We have an email list to keep people informed of this work. Please join the list using this link or QR code.

https://public.govdelivery.com/accounts/WAECY/subscriber/new?topic_id=WAECY_302



Agenda

Solid Waste Advisory Committee Meeting
November 6, 2024 | 9:30 a.m. – 11:25 a.m.

~~Call to Order & Zoom Meeting Instructions~~

~~9:30 a.m. | 5 minutes | Troy Lautenbach (Chair)~~

~~SWAC Update~~

~~9:35 a.m. | 5 minutes | Troy Lautenbach (Chair), Jay Blazey (Vice Chair)~~

~~Ecology Updates~~

~~9:40 a.m. | 5 minutes | Peter Lyon, Dept. of Ecology SWM~~

~~Legislative Priorities and Expectations for 2025~~

~~9:45 a.m. | 70 minutes~~

- ~~• Association of Washington Cities—Carl Schroeder, Deputy Director of Government Relations~~
- ~~• Washington Food Industry Association—Katie Beeson, Government Affairs Director~~
- ~~• Zero Waste Washington—Heather Trim, Executive Director~~
- ~~• Washington Refuse & Recycling Association—Rod Whittaker, Counsel~~

~~Legislative Priorities and Expectations for 2025 Cont.~~

- ~~• Northwest Product Stewardship Council—Adrian Tan, King County Solid Waste Division~~
- ~~• Department of Commerce—Kirk Esmond, Sustainable Business Development~~
- ~~• Department of Ecology—Julie Robertson, Solid Waste Management~~

Regional Glass Update

10:55 a.m. | 15 minutes | Dan Weston, Solid Waste Management

Member Updates & Roundtable

11:10 a.m. | 15 minutes | Troy Lautenbach (Chair)

Adjourn

11:25 a.m.

Regional Glass Update

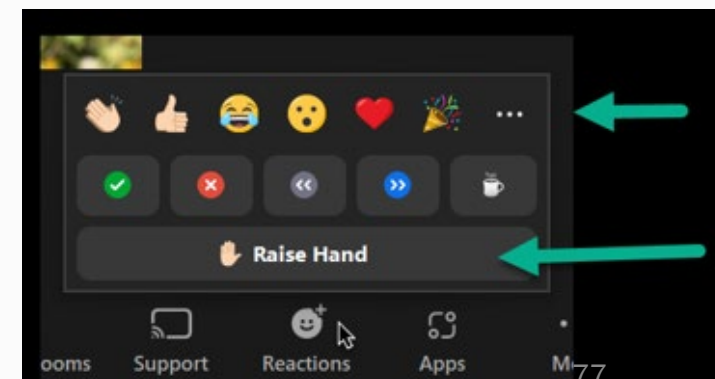
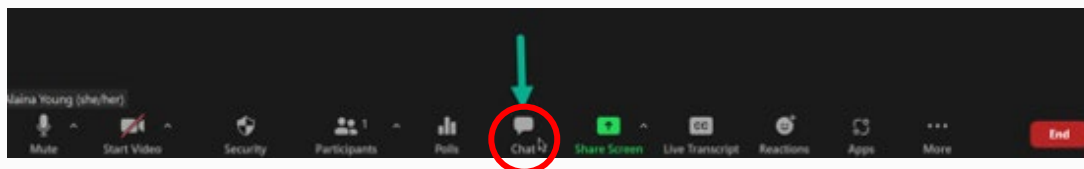


Dan Weston
Dept. of Ecology SWM
November 6, 2024

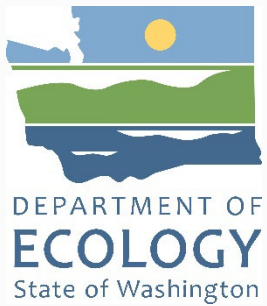


We want to hear from you!

- If you would like to provide comments, **please write your name in the chat or raise your hand.**
- We will call on you to speak in the order that we see names in the chat or hands raised.
- Please turn on your camera and unmute yourself when it's your turn.
- You may also **write your comment in the chat** and we will read it for you.



Member Updates & Roundtable



Thank you for joining us today!