

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:



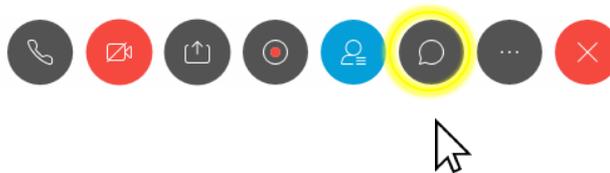
AGENDA

Solid Waste Advisory Committee Meeting July 22, 2020 | 9:30 am – Noon (Pacific time)

9:30 am	Call to Order & Introductions
9:45 am	Legislative/Budget Update
10:00 am	Ecology COVID Update
10:15 am	Recycling Development Center Update
10:30 am	Plastics Study – Next Installment
10:45 am	Food Waste Plan Update
11:00 am	State Plan Update
11:30 am	Public Comments
11:45 am	Roundtable and Future Agenda Topics

Participating in the meeting:

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



To **ask the presenter questions**, please chat with Julie Robertson:

To:

Enter chat message here

For **technical issues**, please chat with the host:

To:

Enter chat message here

Troy Lautenbach



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Laurie Davies



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Recycling Development Center

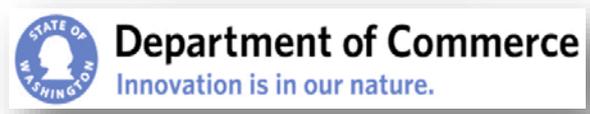
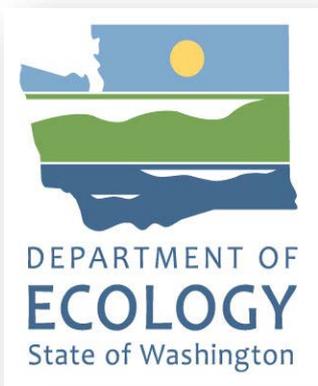
Chapter 70.370 RCW

Kara Steward & Tina Schaefer

Recycling Development Center

Chapter 70.370 RCW

<https://app.leg.wa.gov/RCW/default.aspx?cite=70.370>



Advisory Board EZview website:

www.ezview.wa.gov/DesktopDefault.aspx?alias=1962&PageID=37596

Corinne Drennan 

Karl Englund 

Kyla Fisher 

Deb Geiger 

Margo Gillaspay 

Nina Goodrich 

Sego Jackson 

Allen Langdon 

Scott Morgan 

Mike Range 

Derek Ruckman 

Tim Shestek 

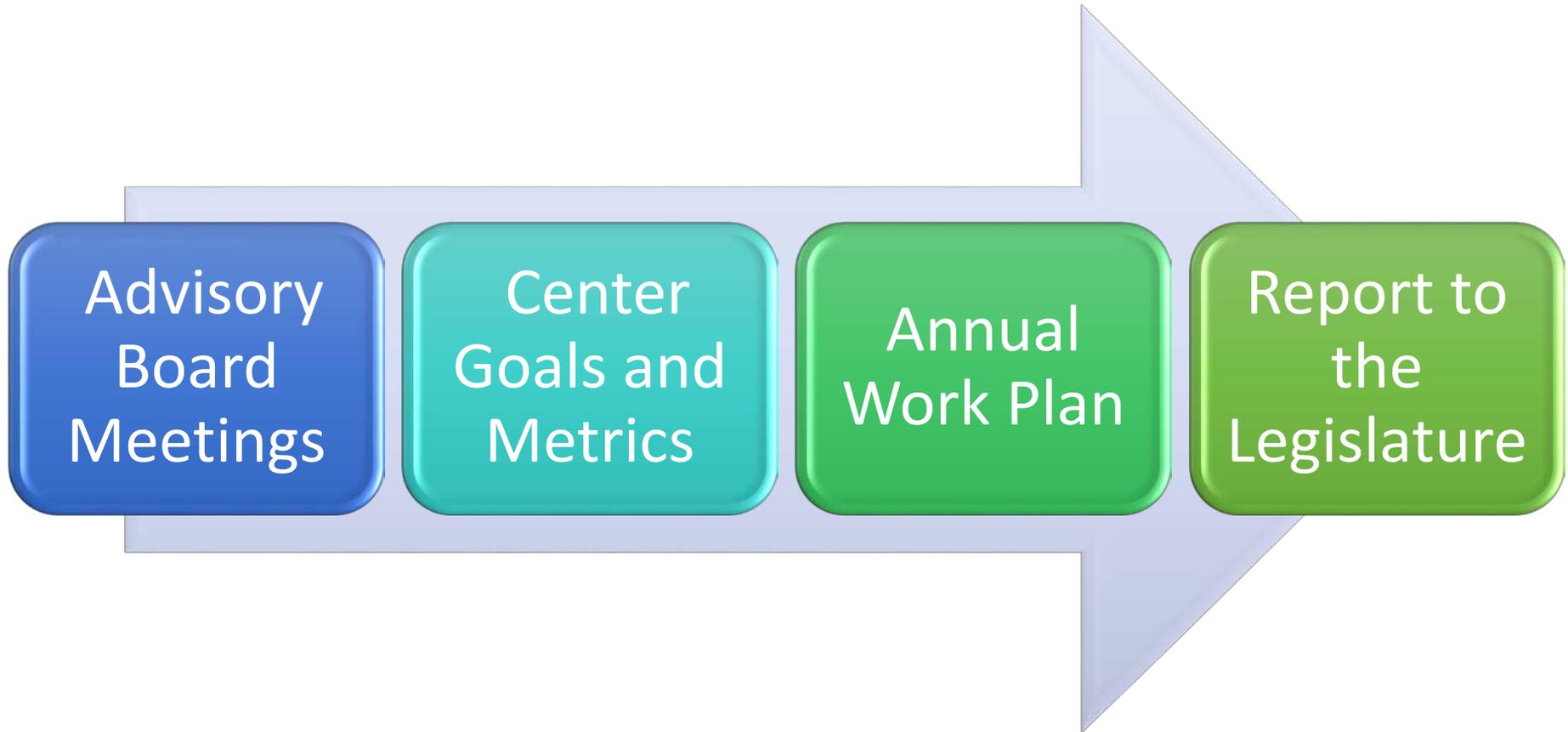
Jay Simmons 

Heather Trim 

Advisory Board



Center Update



Advisory Board EZview website:

www.ezview.wa.gov/DesktopDefault.aspx?alias=1962&PageID=37596

www.ezview.wa.gov/Portals/_1962/Documents/rdcab/2020%20Q3GoalsMeasures.pdf

www.ezview.wa.gov/Portals/_1962/Documents/rdcab/2020%20Q3WorkPlanREVISED.pdf

www.ezview.wa.gov/Portals/_1962/Documents/rdcab/2020-July-GoalsMetricsApproved.pdf

Center Work Plan

Develop effective partnerships

Conduct outreach

Engage with other recycling councils

Communicate with other jurisdictions

Reach out to national entities

Establish a technology partnership

Research solutions

Data analysis

Market analysis

Infrastructure analysis

Policy analysis

Other analyses

Advance technology

Provide business assistance

Actively promote manufacturing

Advocate for infrastructure investment

Identify funding opportunities

Partner on pilot projects

Recycling Development Center

Board EZview website

- www.ezview.wa.gov/site/alias_1962/37596/recycling_development_center_advisory_board.aspx

Center email list

- <http://listserv.ecology.wa.gov/scripts/wa-ECOLOGY.exe?SUBED1=RECYCLING-CENTER&A=1>

Email Ecology's Center team

- RecDevCenter@ECY.WA.GOV

2020 Board meetings (remote attendance)

- August – date to be determined
- October – Tuesday the 14th

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Plastics Study

Chapter 70.380 RCW

Alli Kingfisher



Scope of Work

Task 1:

Assess current plastic packaging management system in WA

Task 2:

Assess business use of recycled content in WA

Task 3:

Research global policy & technology options for managing packaging

Task 4:

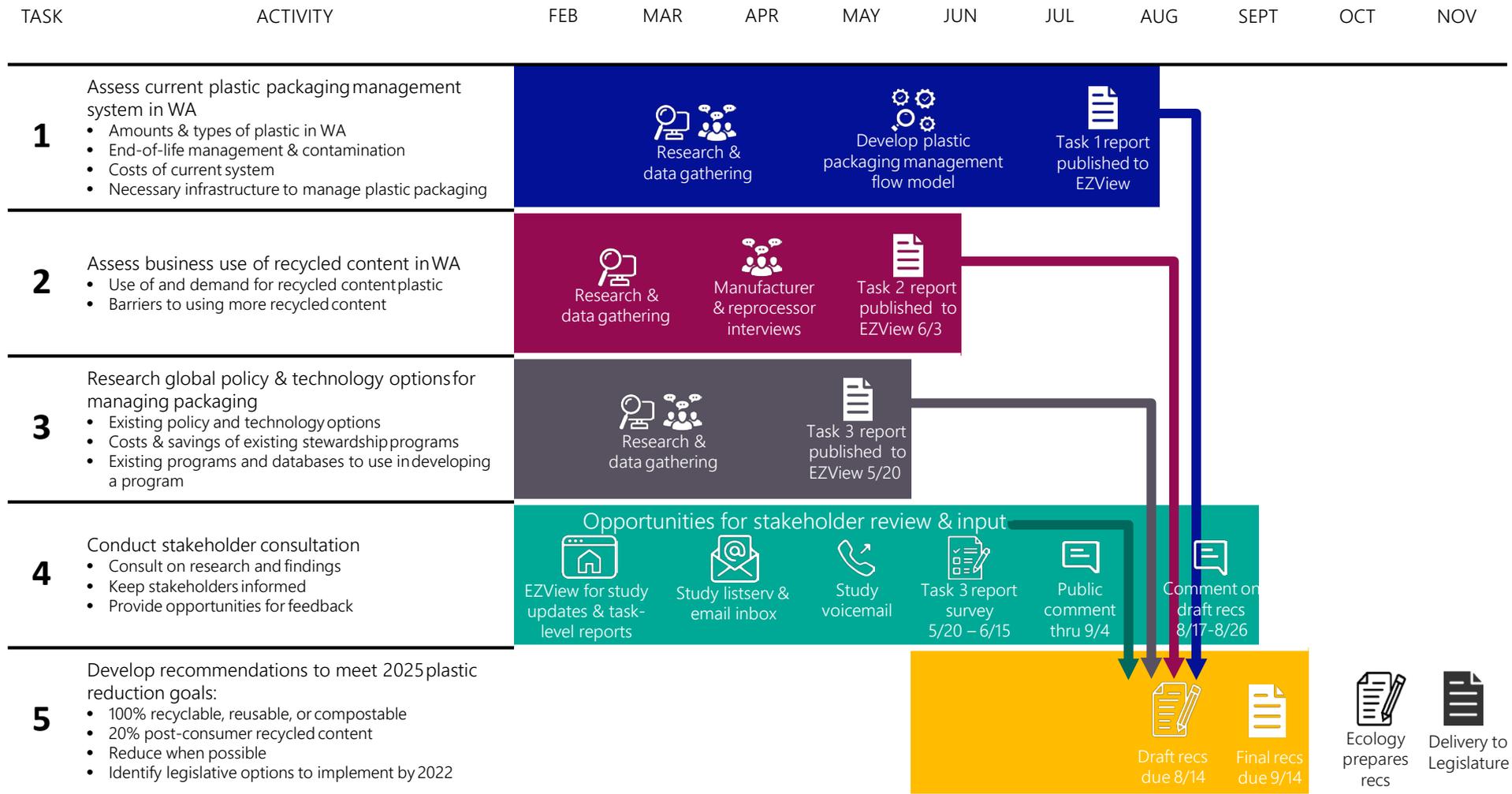
Conduct stakeholder consultation

Task 5:

Develop recommendations to meet 2025 plastic reduction goals

WASHINGTON PLASTIC PACKAGING STUDY TIMELINE

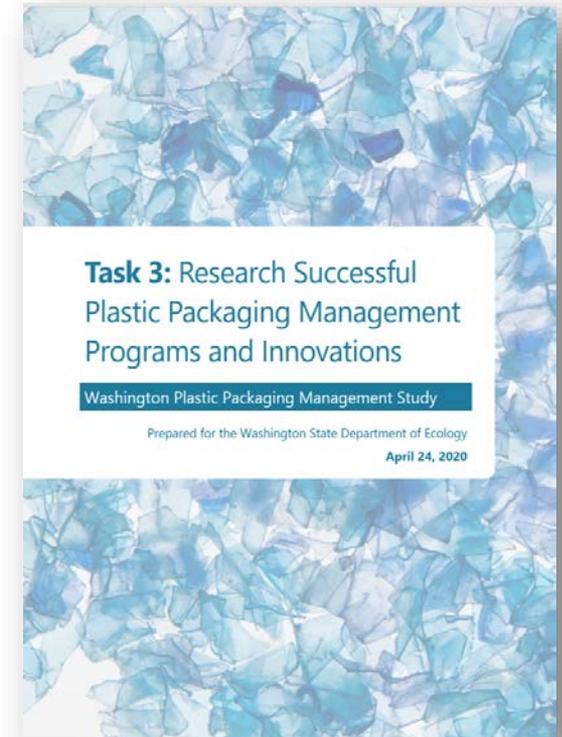
*updated 6/23/2020





Task 3: Research global policy & technology options for managing packaging

- Existing policy and technology options
- Costs & savings of existing stewardship programs
- Existing programs and databases to use in developing a state program



Task 2: Assess business use of recycled content in WA

- Use of and demand for recycled content plastic
- Barriers to using more recycled content



Recycled Content Use in Washington

Assessing Demand, Barriers, and Opportunities

Prepared for the Washington State Department of Ecology

June 1, 2020





Task 2: Assess business use of recycled content in WA

Barriers to using more recycled content

- Lack of supply
- Cost compared to virgin resin
- Material quality
- Regulatory requirements
- Consumer perception



Task 2: Assess business use of recycled content in WA

Options for policy approaches and technological improvements

- Improving collection, sorting, and processing technology
- Increasing collection volumes and quality through policy
- Recycled content minimums and design guidelines

Other Solutions:

- Procurement requirements
- R&D and market development support
- Consumer education
- Industry initiatives



Task 1: Assess current plastic packaging management system in WA

- Amounts & types of plastic in WA
- End-of-life management & contamination
- Costs of current system
- Necessary infrastructure to fully manage plastic packaging

Task 1 Takeaways

- 1 Even readily recyclable plastic is under recovered
- 2 Service and costs vary dramatically by region
- 3 There is virtually no transparency about the final destination of plastics sent for "recycling"
- 4 Nearly all costs are borne by ratepayers
- 5 Many system failures are due to the disconnect between packaging designs and recycling systems



Plastics Study Bill Implementation Status

Sign up for email updates:

<http://bit.do/WAPlasticStudyEmail>

Track the study:

<http://bit.do/WAPlasticStudy>

Questions can be directed to:

WApasticpkgstudy@cascadiaconsulting.com

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Use Food Well Washington Plan Update

Jade Monroe

Mary Harrington

July 9, 2020



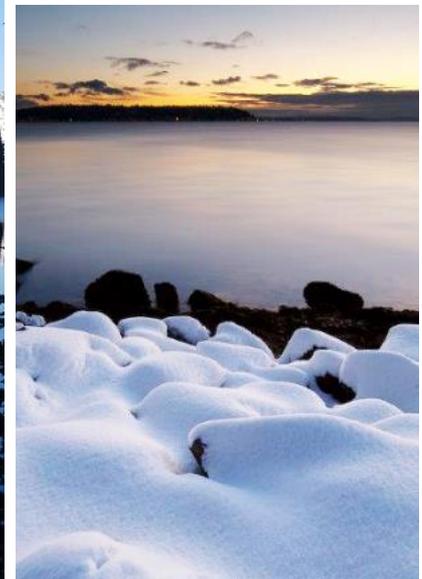
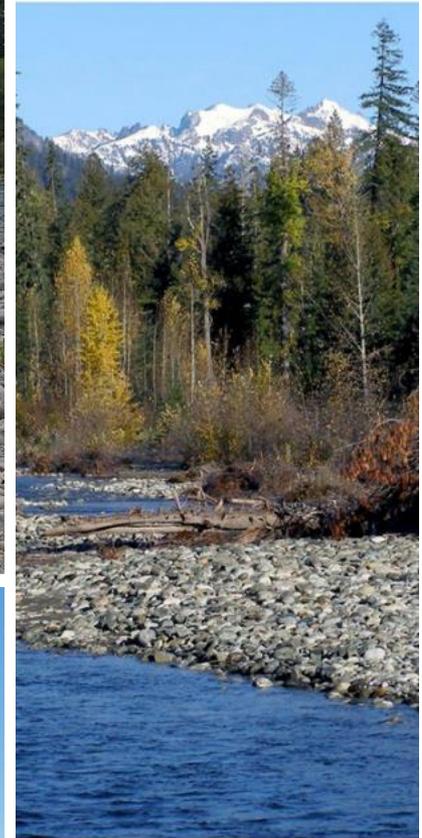
Ecology mission and vision

Our mission

Protect, preserve, and enhance Washington's environment for current and future generations.

Our vision

Our **innovative partnerships** sustain healthy land, air, and water in harmony with a strong economy.



Agenda

- Brief review of planning process
- Indicate next steps
- Outline the plan format and structure
- Discuss key elements of the plan design for feedback
- Questions

Plan Process (September 2019 – now)

- SME groups and Core Team collaborated from September 2019 – March 2020
- Over 30 recommendation worksheets were developed
- Pause due to COVID impacts
- Writing occurred by Ecology staff from late April – mid June
- Next steps

Next steps

- Ecology is pursuing an extension of the plan deadline with an Interim report delivered on October 1
- Asking for SME “gut check” feedback on the current draft July 31
- Economic and quantitative analysis July-August
- Reconvene Core Team and SME’s as we are able to during crisis response
- Long term (with extension) more collaboration with Core Team and SME groups and a more robust public comment period.

Use Food Well Washington Plan

- Goal 1: Reduce food waste generated by 50 percent by 2030.
- Goal 2: Prevent edible food waste disposed by 50 percent by 2030.
- Strategies: prevention, rescue, and recovery
- Current Recommendations:
 - Comprehensive (6)
 - Prevention (7)
 - Rescue (4)
 - Recovery (3)

Comprehensive Recommendations

- Development of Washington Center for Sustainable Food Management
- Sustainable state grant funding for food waste prevention, rescue, and recovery (5 funding mechanisms)
- State-wide food waste reduction campaign
- School staff sustainability stipends to support required environmental education
- Best practices for local governments
- Best practices for local health jurisdictions

Prevention Recommendations

- Federal ‘joint memorials’ on produce specifications, date labeling, and tax incentives
- Food tracking and analytics
- Increase access and funding for cold chain management
- Extended producer responsibility for packaging
- Reducing packaging and disposables in K-12 schools
- 20-minute lunch minimum in k-12 schools
- Recess before lunch in K-12 schools

Rescue Recommendations

- Mapping the food system of Washington
- Donation transportation support
- Value-added food processing hubs
- Emergency food distribution protocol in K-12 schools state-wide

Recovery Recommendations

- Anaerobic digesters (ADs) at Water Resource Reclamation Facilities (WRRFs)
- Improve compost facility permit regulatory process
- Small scale food waste management systems

Discussion: Plan goals

	Total amount of waste generated in 2015 (tons)	Target amount of waste generated in 2030 (tons)
Goal 1: Reduce food waste generated by 50 percent by 2030.	1,158,746	579,374 or less
	Total amount of edible food waste disposed in 2015 (tons)	Target amount of edible food waste disposed in 2030 (tons)
Goal 2: Prevent 50 percent of edible food waste disposed by 2030.	390,063	195,032 or less

Discussion: strategy icon formatting



Strategy 1: Prevention

Strategy 2: Rescue

Strategy 3: Recovery

Feedback & Synthesis

- What we heard today from you
- “Gut check” SME review of plan – due July 31
- Ecology will keep you in the loop on future reviews, economic analysis, and timeline updates

Thank you for your time!

Any questions?

ecology.wa.gov



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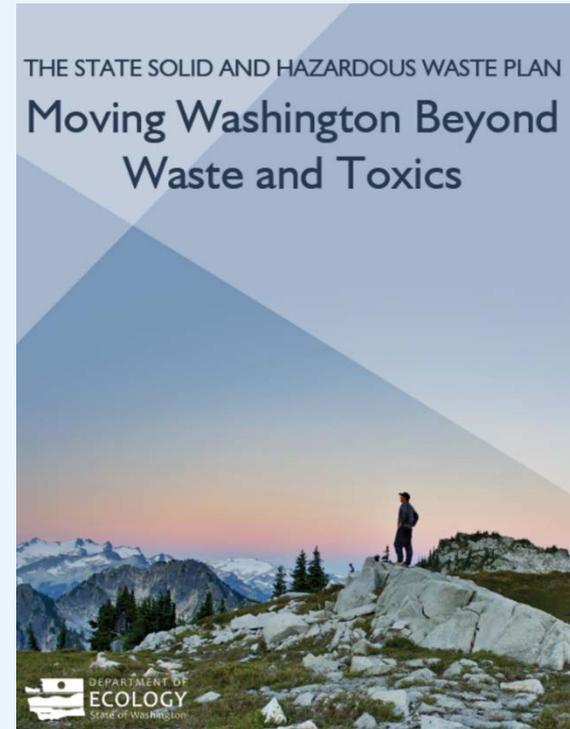
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TIME FOR A STATE PLAN UPDATE

State Solid Waste Advisory
Committee
07-22-20

Janine Bogar, WA Dept. of Ecology



Vision



We can transition to a society where wastes are viewed as inefficient and where most wastes and toxic substances have been eliminated.

This will contribute to environmental, economic and social vitality.

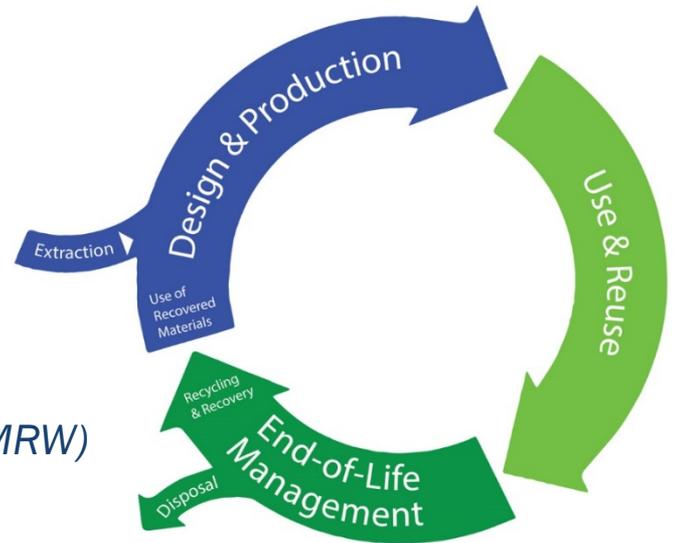
Plan History

- **2004:** First Beyond Waste Plan
 - *Combined Solid and Hazardous Waste Plan*
 - *Five initiatives plus current issues*
- **2009:** First Beyond Waste Plan Update
 - *Minor changes only*
- **2015:** Second update – Big changes
 - *Input from partners before drafting changes*
 - *Changed structure, format, initiatives, content*
 - *Materials Management focus*



Plan Structure

- **Managing Hazardous Waste & Materials**
 - *Pollution Prevention*
 - *Compliance and Compliance Assistance*
 - *Permitting & Corrective Action*
 - *Small Volume Hazardous Materials & Wastes (MRW)*
- **Managing Solid Waste and Materials**
 - *Solid Waste System Issues*
 - *Solid Waste Materials & Infrastructure*
 - *Organic Materials & Infrastructure*
- **Reducing Impacts of Materials & Products**
- **Measuring Progress**
- **Providing Outreach & Information**

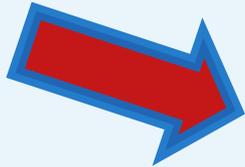


Update Process

First Draft

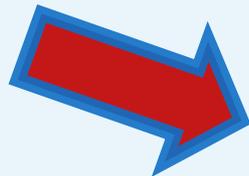


Partner Input on First Draft



Second Draft

Partner Input on Second Draft



Final Plan Update Complete!

Summary of Key Changes



- Reflect new laws
- Adjust for other changes
- Streamline
- Stay in our lane

New Laws in Plan Update

- CROPs
- Recycling Development Center
- Plastics
- Food Waste
- Safer Products Law



Other Change and Adjustments



- Recycling markets
- Life Cycle Analysis
- Organics / Composting
- New waste technologies
- EPP (*Environmentally Preferred Purchasing*)

Streamlining and Staying in Our Lane

- Actions: more specific to Ecology work
- Goals: broad for all
- Less is more

- 2015 Plan:
 - 53 Goals; 176 Actions
- 2020 Draft Plan:
 - ~43 Goals; ~136 Actions



Other Changes

- Reflect work done and progress made
- Environmental justice focus



Comment Process



- Notice will go out to listserv when comment period opens
 - *Will allow 2-4 weeks for comments*
- E-comment form
- Can also send comments to staff
- First draft comments will inform Second draft

Contact Information



- **Solid Waste Management Program:**
Janine Bogar, 360-407-6654
janine.bogar@ecy.wa.gov
- **Hazardous Waste & Toxics Reduction Program:**
Amy Correa 360-407-7160
amy.correa@ecy.wa.gov

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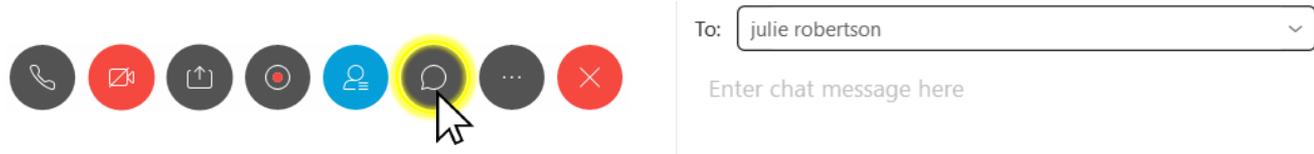
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Public Comments:

We want to hear from you!

If you would like to provide comment, **please write your name in a chat to Julie Robertson** and we will add you to the list.



We will unmute you to speak in the order that we see names in the chat.

You may also **write your comment in the chat** and we will read it for you.

Please keep your comment to under 2 minutes.

Next meeting:
September 16, 2020
9:30 am

**Send questions or
future agenda topics:**
Julie.Robertson@ecy.wa.gov

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