





# Recycling Market Development Center

State agency partnership for collaboration to advance market development to prevent and reduce waste (RCW 70A.240.030)



- Statewide recycling studies
- NextCycle WA accelerator
- Diverse Advisory Board
- Focused pilot projects
- Waste stream market research
- Business & technical resources

# Recycling Market DEVELOPMENT CENTER





# Fastening the Textile Community; Advocacy & Coalition Building



# MAY 15TH 10AM - 12:30PM PST

Unify and empower stakeholders across levels to advance textile policy and collaboration, driving actionable steps for advocacy and ongoing community engagement in WA and beyond.



Coalition-building frameworks

Global to local policy & stakeholder landscape

Route to sustained collaboration



# Housekeeping Notes

# **Recording:**

This webinar is being recorded and will be posted to Ecology's YouTube and shared via the Recycling Market Development Center.

# Q&A + Chat:

- Use the Q&A box for speaker questions (use the upvote feature!)
- Use the chat to connect, share reflections, or drop helpful resources

# **Privacy Reminder:**

Please do not use AI notetakers (e.g., Otter.ai) — we're recording with limited, respectful access.

# **Take Care:**

We'll have a 5-minute bio break, but feel free to step away as needed.



# Feedback:

We'll drop a short survey link in the chat — your input helps shape future sessions!



Collective









Mya Keyzers, RMDC



Leslie Perkins, Commerce

**Carly Mick, Director of Sports Product** Design, U of O

Behnosh Najafi, Co-Founder, **Circular Spring** 



**Amrit Bhuie, Sustainability** Advocate, Ph.D in Toxicology



Zakiya Cita, The Chayah Movement



JeLisa Marshall, Community Organizer, PhD Candidate



**Lizzy Paul, Circular Economy** Leader, RRS



Nina Olivier, Circular Economy, **King County** 

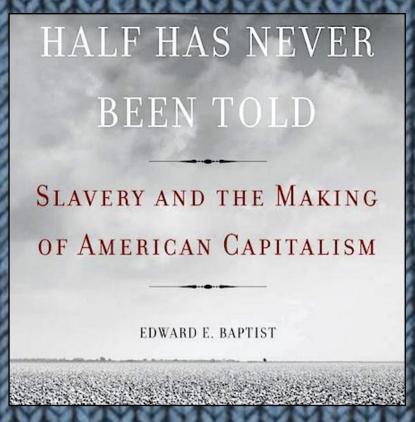
# Land & Labor Acknowledgement

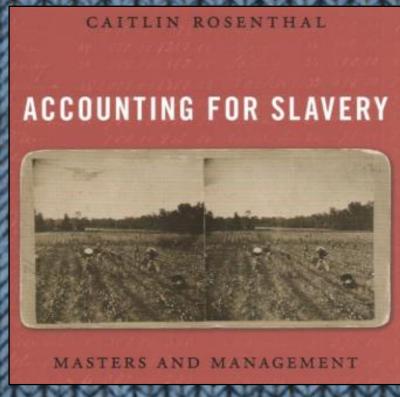


Women Spinning yarn at the Coast Salish Village of Musqueam. Newcombe, C.F. (1915) https://legacy.uvic.ca/gallery/salishcurriculum/coast-salish-design-elements/spindle-whorls/



Map data provided by Native Land Digital (<a href="https://native-land.ca/">https://native-land.ca/</a>) Used with permission for educational and non-commercial purposes.





# Fastening the Textile Community: Advocacy & Coalition Building



Q & A

5-Minute Bio Break

Transition: Megan Davis, RMDC

Community Spotlights:
Policy/Research/Data/Academia
Swap/Reuse/Repair/Upcycling
Workforce Development and Business Solutions
Community Engagement and Outreach

**Breakout Rooms** 

Closing Remarks & Action Items

Survey & Next Steps







Marisa Adler
Associate Senior
Consultant, RRS
(Resource Recycling
Systems)

Marisa Adler is a textile circularity consultant who advises brands, governments, and recyclers on sustainable materials management and policy.

She founded the textile circularity practice at RRS, chairs the New York State Association for Reduction, Reuse, and Recycling's Textile Council, and serves on the board of the Secondary Materials and Recycled Textiles (SMART) Association, advancing textile recovery and EPR efforts nationwide.



# Circular Textile Policy in the United States

THE INDUSTRIAL COMMONS - NSF TEXTILE ENGINE SORTING PROJECT MARISA ADLER • MAY 15, 2025

# At RRS, we:



Have 35+ years solving for circularity, materials management, and sustainable products & packaging



Guide collaboration to tackle infrastructure and recovery challenges



Have U.S.-based experts specializing in materials, sustainability, and life cycle management solutions

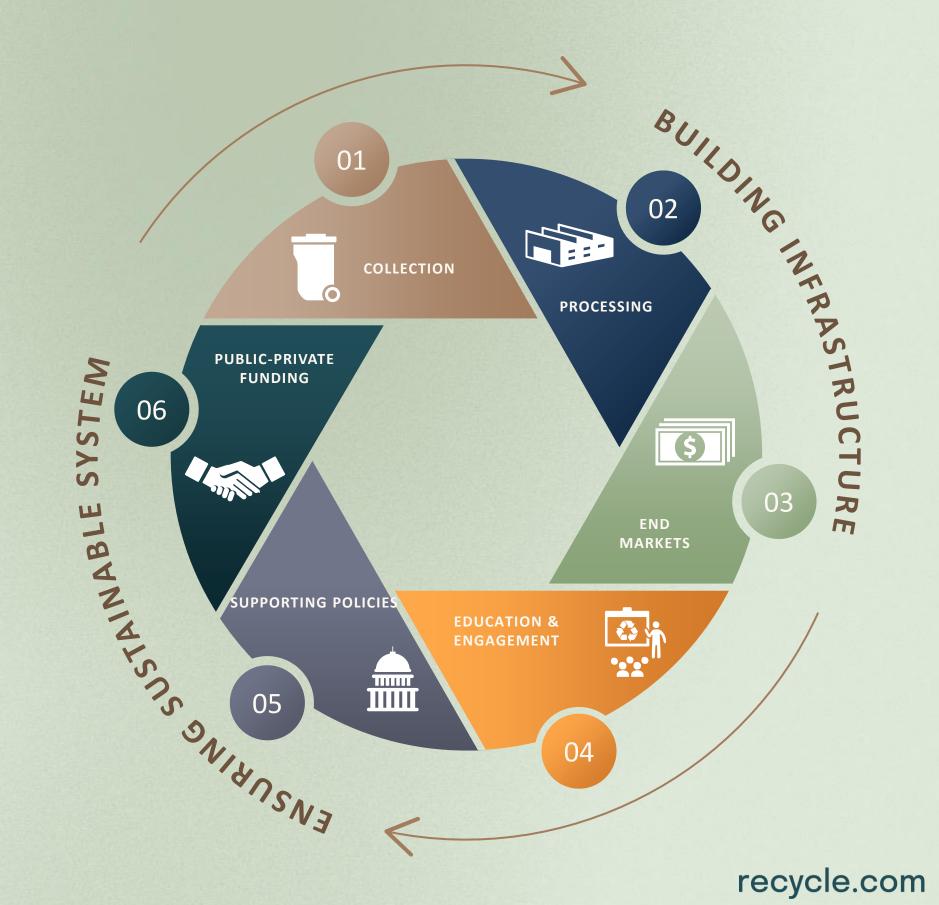


Support governments, recyclers, brands, retailers, trade groups, manufacturers, and beyond



Knowledge and experience in crafting sustainable, responsible, and impactful strategies

# SYSTEMS THINKING



Policy is
Critical to
Drive Textile
Recovery



### **Federal**

### **Enacted**

- US Uyghur Forced Labor Prevention Act (2021)
- US SEC Proposed Rules on the Enhancement and Standardization of Climate-Related Disclosures for Investors -33-11042

### Introduced

- H.R.1239 The Voluntary Sustainable **Apparel Labeling Act**
- H.R. 5502 Fashion Accountability and Building Real Institutional Change Act (FABRIC Act)

# Washington

### Introduced

- HB 1107 (Mena) The Fashion Act
- HB 1420 (Reeves) Textile EPR Bill
- WA Transparency in Supply Chains SB 5541

### California

### **Enacted**

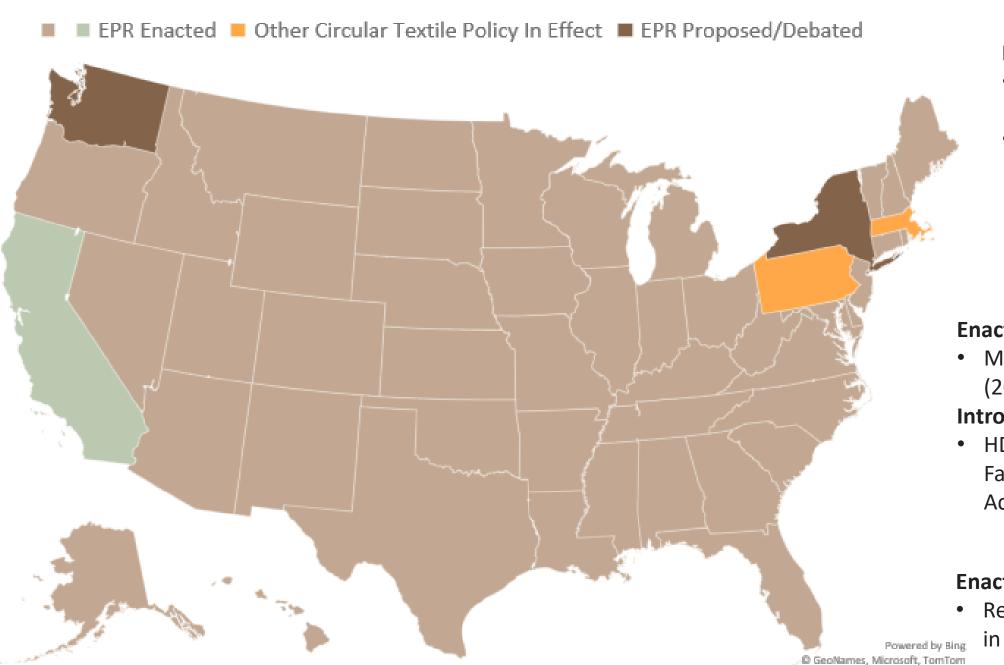
 Climate Corporate Accountability Act (2022)

### Introduced

 AB 405 (Addis) – Fashion Environmental **Accountability Act** 

# Current State of Circular Textile Policy in the U.S.

U.S. EPR for Textiles



### **New York**

### **Enacted**

- NYC Commercial Textile Waste Disposal Ban
- Ban on PFAS in Apparel (2025)
- NY Textile Act to Support Animal and Plant Fiber Growing, Processing, and **Textile Manufacturing**

### Introduced

- S 3217 (Kavanagh) Textile EPR
- S 4558A (Kelles) NY Fashion Sustainability and Social Accountability Act

### Massachusetts

### **Enacted**

 MA Textile Waste Disposal Ban (2022)

### Introduced

 HD4220 (Rogers and Nguyen) – Fashion Sustainability and Accountability Act (

### Pennsylvania

### **Enacted**

• Reversed ban on recycled content in plush tovs

Not comprehensive.

# What is Extended Producer Responsibility?

Extended producer responsibility is a policy approach and practice in which producers take responsibility for management of the products and/or packaging they produce at the end of their useful life. Responsibility may be fiscal, physical, or a combination of the two.

# WHO ARE THE PRODUCERS?

> Brand Owners

# Why Are We Seeing More EPR Policy?



Increase diversion and recovery



Reduce cost to government



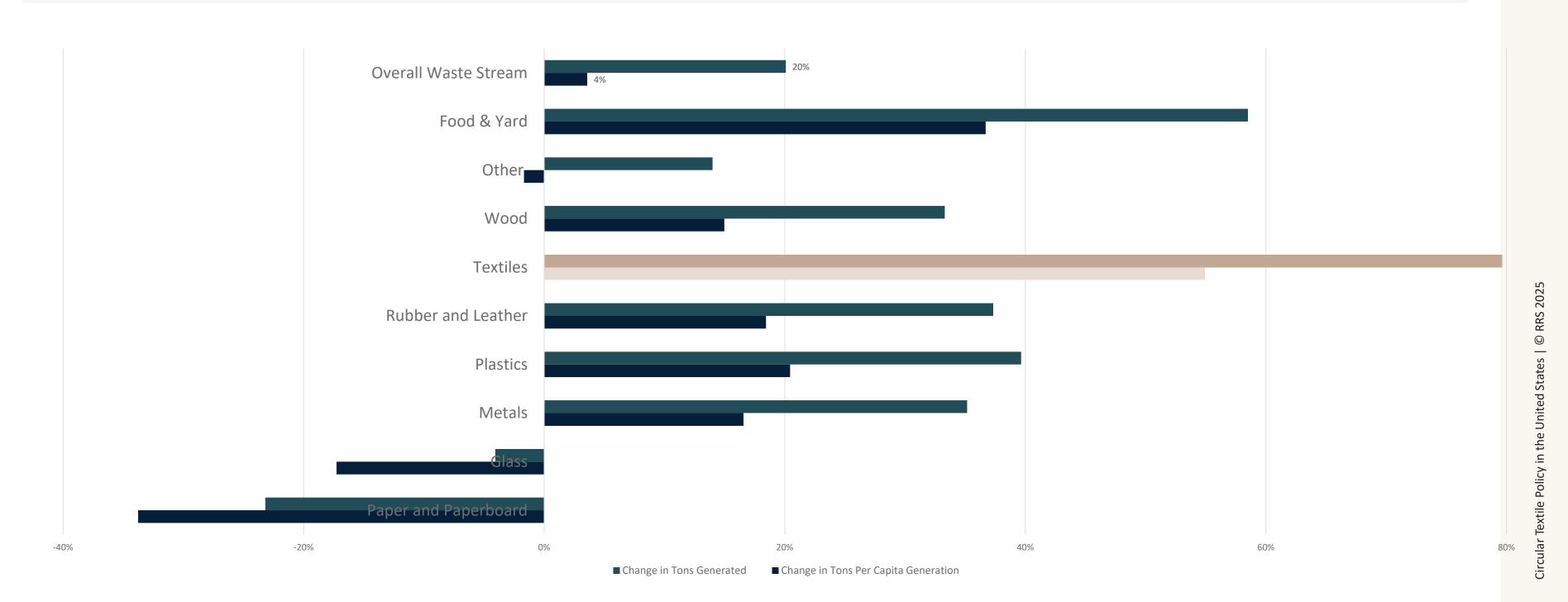
Incorporate the cost of recycling/ end-of-life management in the cost of the product



Improve the design of products to reduce environmental impact

# Why Are We Seeing Textile EPR?

# PERCENT CHANGE IN ABSOLUTE TONS AND TONS PER CAPITA WASTE GENERATION 2000-2018

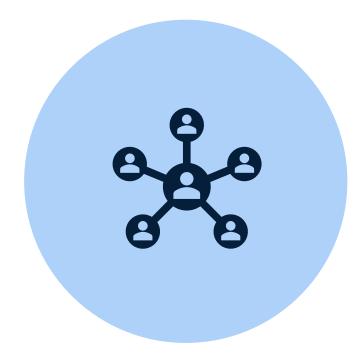


RRS analysis based on US EPA data

# Common Features of EPR Programs



Created by legislation establishing rules and targets



Managed by one or more Producer Responsibility Organizations (PRO)



Guided by a Program Plan

# **EPR for Textiles** is a Growing Trend

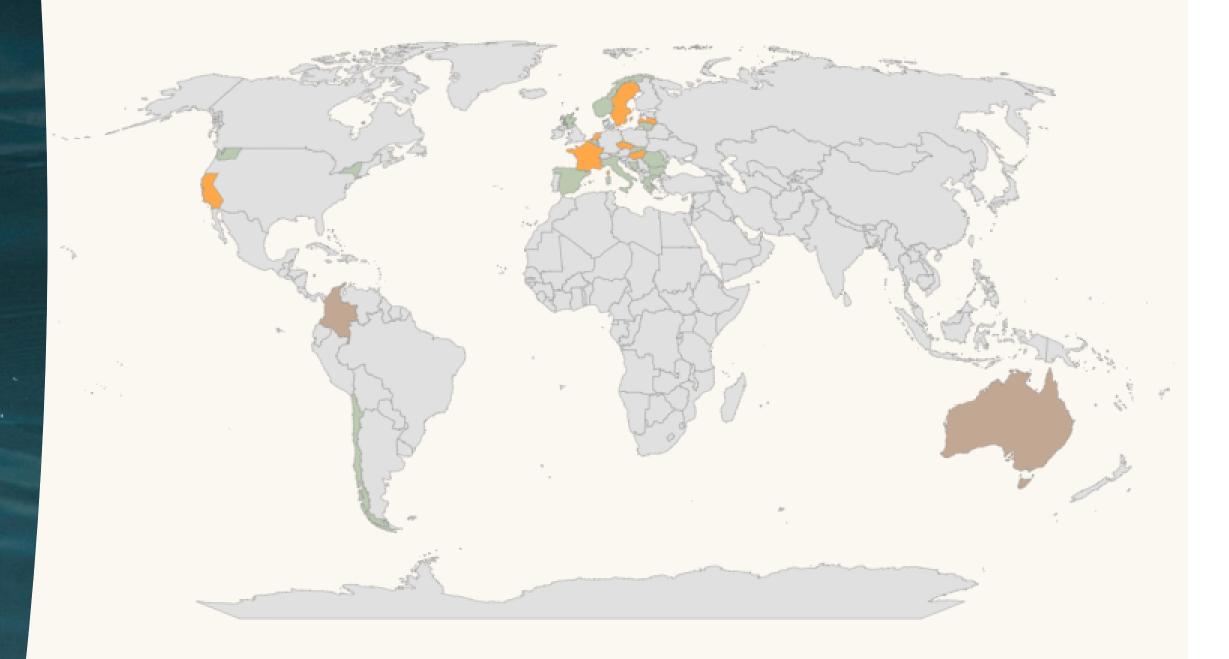
Voluntary: Colombia (2024), Australia (2024)

Proposed or Debated: Bulgaria, Norway, Chile, Italy, Spain, Brazil

Enacted: France (2007), Netherlands (2023), Hungary (2023), Czech Republic (2023), Sweden (2024), Latvia (2024)

# Textile EPR Worldwide





# What intended impact will EPR have on the circular textile landscape?

- Create level playing field for brands
- Incentivize domestic processing of used textiles
- Unlock capital for textile collection, sorting, and processing infrastructure
- Unlock R&D, innovation, and scaling funds
- De-risk investment
- Legitimize new reverse supply chain
- Increase uptake in recycled fibers by apparel brands and manufacturers
- Create economies of scale and stabilize commodity prices
- Influence design for reuse and recycling and material innovation
- Improve consumer education
- Better data and transparency upstream and downstream
- Increase recovery rates
- Spur new business models and technologies

# Congressional Slow Fashion Caucus

The Slow Fashion Caucus is a bipartisan group in Congress that advocates for policies supporting a more sustainable and ethical fashion industry.

# **Key Focus Areas:**

- **Reducing Textile Waste: Promoting** circularity, recycling, and Extended Producer Responsibility (EPR) systems
- **Labor Rights:** Advocating for fair wages and safe working conditions in the global supply chain.
- **Environmental Impact:** Encouraging sustainable material use, lower carbon emissions, and less water consumption.

The Caucus will set programmatic direction based on the new U.S. Government Accountability Office (GAO) report, "Textile Waste: Federal Entities Should Collaborate on Reduction and Recycling Efforts," addressing the escalating issue of textile waste in the United States, which recommends:

- **Congressional Action:** The report suggests that Congress should designate a federal entity to lead efforts in reducing textile waste and advancing recycling initiatives. GAO
- **Interagency Collaboration:** It recommends that six federal agencies, including the **Environmental Protection Agency** (EPA) and the Department of Energy, establish an interagency mechanism to coordinate their efforts in promoting textile circularity.

### GAO Highlights

### Why GAO Did This Study

options to donate, repurpose, and repair used textiles in the U.S., the majority are discarded into municipal concerns about textile waste and

### **TEXTILE WASTE**

Federal Entities Should Collaborate on Reduction and Recycling Efforts

Textile waste-discarded apparel and products such as carpets, footwear, and towels—causes harmful effects to the environment, according to academic and federal reports GAO reviewed. These effects include the release of greenhouse ecomposes in landfills. While data on textile waste are limited, the U.S. Environmental Protection Agency (EPA) textile waste data estimates an over 5i percent increase between 2000 and 2018 in the U.S. According to federal, academic, nonprofit, and industry sources, textile waste has increased beca of multiple factors, including a shift to a fast fashion business model; limited,









Sustainable fashion industry leaders including Patagonia and ThredUp joined Reps. Pingree, Gluesenkamp Perez, and

Environment Subcommittee, alongside Reps. Marie Gluesenkamp Perez (D-Wash.) and Sydney Kamlage



under the radar to destroy our planet," said Pingree, Founder and Chair of the Slow Fashion Caucus. "It doesn't have to be this wa

poots every few months, rather than a quality pair that can last for years, my family loses out. The purest form of envir good steward of your stuff - rather than buying new clothing that's designed to be disposable," said Rep. Gluesenkamp Perez. "These items can contain chemicals and PFAS, and they're predominantly made from synthetic fabrics that shed microplastics, unlike natural fibers, Instead of putting our kids in nas with chemical flame retardants, we should be looking to naturally resistant alternatives like wool. I look forward to working with the Slow Fashio

trends to promote fair labor practices and reduce fashion's climate footprint," said Congresswoman Kamlager-Dove, "California has been a pioneer in tackling this issue at the state level, which is why I am thrilled to see the effort to promote sustainable fashion coming to the Halls of ethical, sustainable, and climate-smart future."

# G7 Textile Circularity Agenda

### **ECONOMY**

# What is the G7 Summit?

The G7 Summit is an international, annual forum for the leaders of the Group of Seven member states. This year's meeting will be held in Italy from June 13 to 15.





At the G7 Climate, Energy and **Environment Ministers' Meeting in** Venaria (Turin - Italy) in April 2024, the Ministers tasked the G7 Alliance on Resource Efficiency (ARE): "to work on the development, by the end of 2024, of a common voluntary Agenda on Circular Textiles and Fashion among governments, businesses, stakeholders, and partners to take significant and concrete stens to drive

# PRODUCT AND PERFORMANCE STANDARDS SUPPORT Textile Circularity

The National Institute of Standards and Technology (NIST), ASTM International, and the American Association of Textile Chemists and Colorists (AATCC) are working on standards to facilitate the transition toward a more circular economy for textiles, including terminology; sorting and grading; recycling, design for circularity; labeling; and digital product passports.



Standard	Description	Benefits
Commodity Specifications	Commodity specifications provide industry-developed guidelines for market acceptance of various post-consumer recycled bales.	Provides a benchmark for producers of the commodity (e.g., sorters and graders) for the production of quality bale commodities  Facilitates greater understanding of the products commonly accepted for reuse and recycling  Provides clear specifications that help improve bale quality and contribute to higher reuse and recycling yields, cost effectiveness, and quality  Facilitates communication between bale producers and purchasers (e.g., resellers; recyclers)  Provides insight for the broader marketplace and value chain, from product developers to other stakeholders and decision makers
Price Index	A commodity price index is an index that tracks the price and returns on a given basket of commodities.	Provides Insight Into supply and demand trends and factors Influencing price performance Allows for comparison against virgin counterparts and identify any correlations that may exist (such as market caps or floors) Allows for market predictions and forecasting Enables businesses to peg their own pricing against industry averages Allows for nimble adjustments in operations to respond to market changes Can be used in contracting, negotiations, and investment decisions

# HS Code Revisions

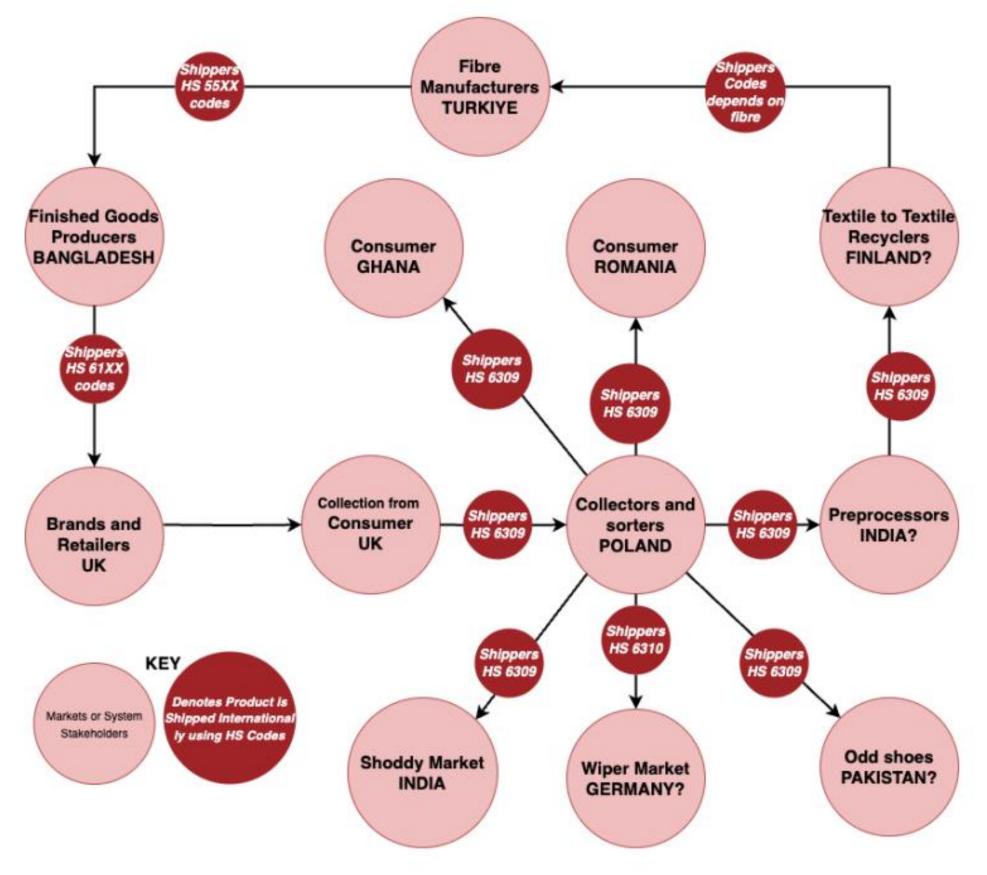
International discussions support the idea of new harmonized System (HS) codes to enable more accurate trade of secondhand textiles.

Current HS codes lack precise waste classification and prevent accurate trade monitoring, which runs the risk of textile waste exports. .for used textiles are broad and could hinder the industry's shift towards sustainability.

A new classification would align with minimum textile sorting standards and emerging end-of-waste criteria frameworks and establish contamination benchmarks to minimize the rejection rate of cargo due to the unintended inclusion of "non-target" items.

Improved trade codes will enable better data collection on circular economy practices, supporting policymaking and industry initiatives.

Figure 1: Systems view of HS6309 use in the global textile value chain



Source: UK Industry, pers. com and WCO (2022)



# Other forms of policy can also help move the needle on textile circularity in the U.S.

Policy	Economic Impact
Recycled content requirements	Creates demand-pull through the value chain for recycled content
Elimination of duty drawbacks	Financially disincentivizes destruction of unsold inventory making it more attractive for reuse
Elimination of virgin subsidies	Accounts for externalized costs to incentivize solutions which use recovered resources where costs are internalized.
Virgin material tax	Monetizes externalized costs to incentivize circular solutions Creates funds to address infrastructure, education deficits, and shift incentives for solutions that use recovered resources
Green Purchasing	Requires public agencies to procure environmentally preferable products. Green purchasing policies can stipulate minimum levels of recycled content, made locally, supplier certifications, and/or other environmental attributes for textile products.
Eco-design requirements	Set expectations, incentivize and reward products that meet specified environmental preferences Potential to level the competitive playing field and de-risk spend to produce "green" products
Disclaimer Laws	While states and localities are preempted from implementing tag and label laws, they can require disclaimers for things like recycled content.
Disposal bans	Serves as a potent public education and agenda-setting tool Potential avoided disposal fees for municipalities, taxpayers and ratepayers Monetizes waste as a commodity when paired with a demand-side policy
Carbon tax	Increases costs of products that have higher carbon impacts
Supply chain accountability regulations	Aims to ensure legal business dealings, fair margins and fair wages at each node of the supply chain, which translates into product pricing closer to "true cost".
Market development grants and assistance	Grants, low-interest loans, tax incentives, zoning allowances, etc., to encourage the development of recovery infrastructure and supply chains locally.  Makes financing and possible tax incentives available to recovery value chain companies



# Thank You.

Marisa Adler

**Associate Senior Consultant** 

RRS madler@recycle.com



Joanne Brasch, PhD Director of Advocacy, CPSC

Dr. Joanne Brasch holds a PhD in Textile Economics and Environmental Analysis from the University of California, Davis. Joanne has held lecturer and research appointments at UC Davis, CSU Sacramento, and Donghua University in Shanghai, China.

She currently works as Director of Advocacy at the California Product Stewardship Council (CPSC) leading projects that promote a circular economy using Product Stewardship and Extended Producer Responsibility. Dr. Brasch is appointed by the Department of Resources Recycling and Recovery (CalRecycle) to the California carpet advisory committee and holds the Vice Chair position.

She's the Chair of the American Association for Textile Chemists and Colorists California Chapter and sits on several academic external advisory boards around the Country. She made Waste 360's "40 under 40" list for 2021.

Contact Joanne at joanne@calpsc.org or via LinkedIn





Fastening the Textile Community: Advocacy & Coalition Building



# **CPSC Mission and Vision**



Mission: To shift California's material and energy policies toward a circular economy through product stewardship and extended producer responsibility.

Vision: A future where producers are responsible for developing and funding reuse, repair, and materials recovery systems for their products in a circular economy. The State will set performance goals, oversee progress and ensure transparency and accountability of such efforts.

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SB 707 (Newman) Responsible Textile Recovery Act of 2024 SIGNED BY THE GOVERNOR (9/30/2024)

Author: Senator Josh Newman (SD 29)

Sponsor: California Product Stewardship Council

**Description**: This bill would enact the Responsible Textile Recovery Act of 2024, which would require a producer of apparel, as defined, or textile articles, as defined, to form and join a producer responsibility organization or PRO. The bill would require the PRO to submit to the department, for approval or disapproval, a complete plan for the collection, transportation, repair, sorting, and recycling, and the safe and proper management, of apparel, as defined, and textile articles, as defined, in the state.

**Updates:** On August 22nd, the bill was amended for the final time to highlight the importance of minimizing the generation of hazardous waste, the generation of GHG, environmental justice impacts and public heath impacts.

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# Get Involved with CPSC

CPSC
California Product
Stewardship Council

1. Follow us and share our content on social media and email newsletters: @calpsc

2. Join CPSC's Statewide Textile Recovery Act

Taskforce (STRAT)





Scan for the STRAT Membership Form

© California Product Stewardship Council 2025



Representative
Kristine Reeves
(D) 30th District,
Washington State

A Moses Lake native, Reeves has served in a variety of roles, including Statewide Veterans Constituency Coordinator for U.S. Senator Patty Murray; Director of Economic Development for the Military and Defense sector at the state Dept. of Commerce.

She now owns her own small business where she provides Community and Economic Development expertise that promotes cultural humility as a DEIB approach. She holds a certification in project management and uses her master's degree in industrial/organizational psychology to support businesses in their big ideas to help build bold solutions.

She lives with her husband and two young children in Federal Way.

Contact Kristine Kristine.Reeves@leg.wa.gov

# HB 1420: Textile EPR - 2025/26 Legislation in WA

SPONSOR: Rep. Kristine Reeves (LD-30)

# **PURPOSE:**

SHB 1420 establishes a **statewide Extended Producer Responsibility (EPR) program for textile and apparel products** in Washington State. Modeled off <u>CA SB707</u>, the intent is to reduce waste, improve reuse and repair, and mitigate environmental and public health impacts, especially in communities facing environmental justice concerns.

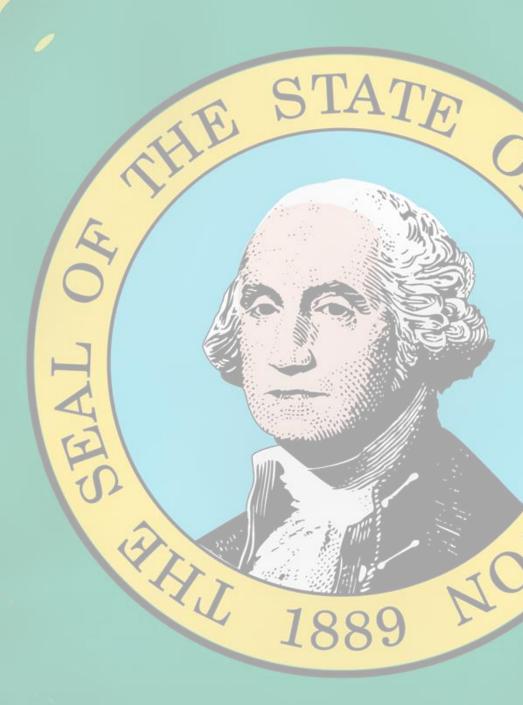
# **KEY PROVISIONS:**

- 1. Scope and Definitions:
- 2. Program Structure:
- 3. Environmental and Social Standards:
- 4.Eco-Modulated Fees:
- 5. Education and Outreach:
- 6.Disclosure Requirements (Beginning 2027):
- 7. Oversight & Enforcement:

# THE END GOAL:

HB 1420 aims to transform Washington's textile waste management system by holding producers accountable for the lifecycle of their products. It leverages circular economy principles—reuse, repair, recycling—and prioritizes environmental justice, transparency, and sustainable design.

CONTACT: kristine.reeves@leg.wa.gov | 360-786-7830



Get Updates on HB 1420



Mckenna Morrigan
Strategic Advisor for Solid
Waste Planning,
Seattle Public Utilities

McKenna Morrigan is a strategic advisor for Solid Waste Planning and Program Management at Seattle Public Utilities (SPU). In this role, she works to advance state and local policies that support SPU's vision of zero waste and build a more circular economy.

She has been involved in crafting and advocating for producer responsibility policies in Washington for paint, mercury-containing lights, batteries, and packaging.

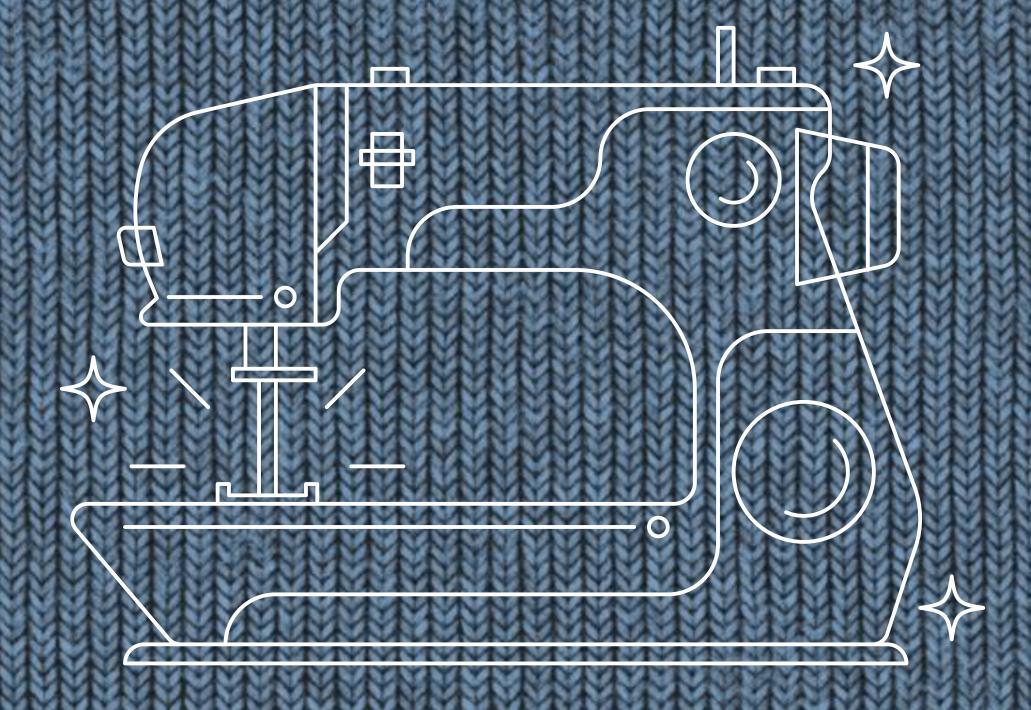
Previously, McKenna was a senior associate at Cascadia Consulting Group, where she led research and evaluation projects for local and state governments related to waste reduction policies, programs, and markets, including for textiles.

**Contact Mckenna at** 



# Unraveling the Textile Industry Audie 12 Cence Q&AS

for a regenerative Washington





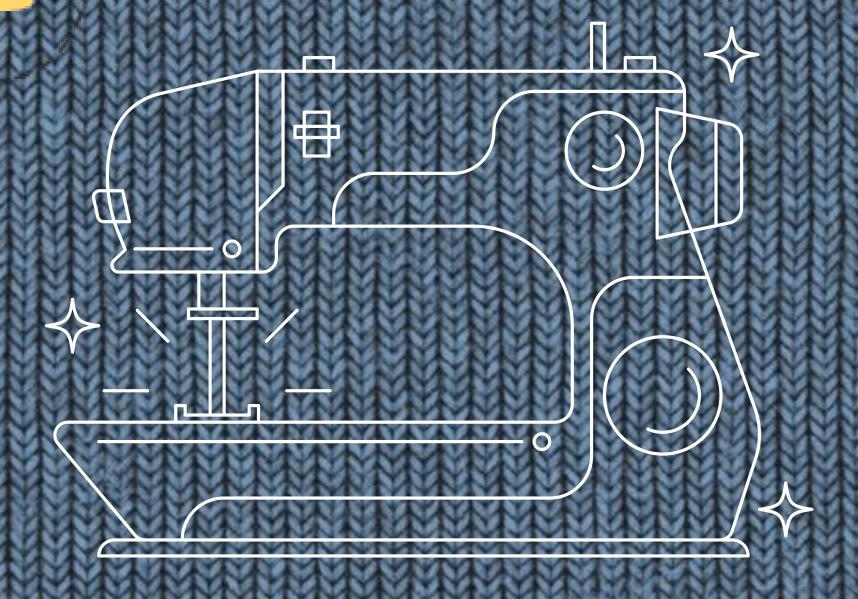


# Bio Break 5 Minutes

### Community Spotlight

#### Unraveling the Textile Industry

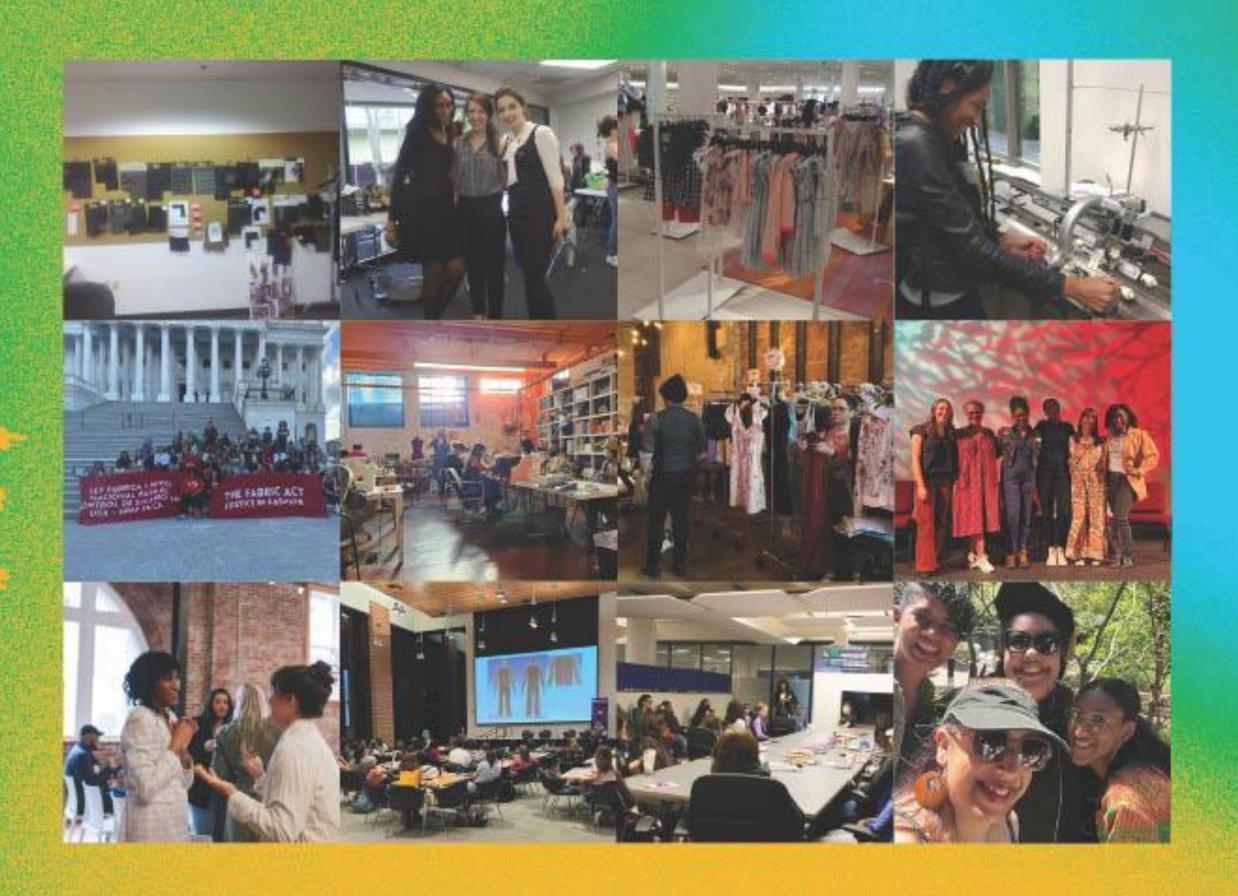
for a regenerative Washington







JeLisa Marshall
Ph.D. Scholar
Sustainability Education

















### SouthKingTools.org







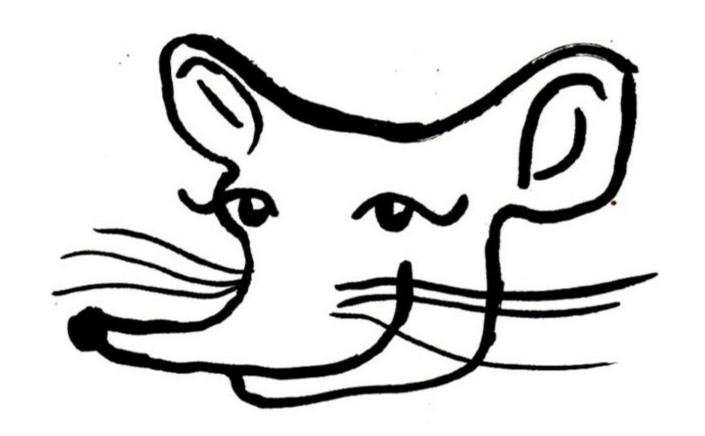


### Partnership with Municipalities





## JAAT ZEROWASTE





# Workforce Development & Business Solutions







Building a thriving and regenerative sewn and textiles economy across the Pacific Northwest!

#### **GET INVOLVED!**

Questions? Contact sydney@seattlegood.org



#### THE CHAYAH MOVEMENT

Envisioning a future where every facet of fashion embodies sustainability and ethics!

## thechayahmovement.com | Info@thechayahmovement.com

#### Who We Are

The Chayah Movement (TCM) is a 501(c)(3) nonprofit committed to using fashion as a mechanism to combat the textile waste crisis. We are dedicated to cultivating the next generation of ethical fashion leaders and citizen-consumers. Through our workforce and leadership development initiatives, we equip aspiring professionals with the tools and mindset needed to drive sustainable change in the fashion industry while inspiring consumers to make thoughtful, impactful choices in their everyday lives. With a strong focus on environmental stewardship, we're not just building careers; we're shaping a future where fashion meets integrity and social impact.

#### **Programs & Events**

- Advocate-in-Training (AIT) Paid internship with sustainable fashion brands
- Community Events Clothing swaps, panels, and textile recycling
- Education FREE Public workshops and symposiums centered around circularity

#### Impact (Since 2018)

- ■ 32,000+ lbs of textile waste diverted from landfill
- 600+ internship/volunteer hours
- In the second of the second of

#### **Support Us**

- ✓ Donate | ✓ Volunteer | ✓ Partner | ✓ Attend Events
- Follow us @thechayahmovement | #WTFTextileWaste #ChayahForChange



# REDYOOS URBANMINE

DID YOU KNOW
YOUR OLD JEWELRY
CAN POWER A
GREENER FUTURE?

SCAN FOR YOUR FREE MAIL KIT











#### Opened in 1995 by the West Seattle Helpline (West Seattle Food Bank and WS Helpline merged in March 2020).

- The Clothesline provides free basic attire, professional wear and school clothing for our neighbors and their families.
- In FY24 The Clothesline had 10,819 shoppers.
- We distributed **84,721** pieces of clothing (up from 48,000 in FY23).
- Undies & socks are the most needed items we distributed 11,359 undies, bras and pairs of socks last year.
- Anything we can't use is picked up by Evergreen Goodwill to be resold or recycled, keeping textiles out of landfills.

### A Free Clothing Bank serving our neighbors in Seattle





### Re+ Community Panel

#### Engaging Communities in Re+Implementation

- King County Solid Waste Division's Re+ Community Panel brings together diverse communities and voices to chart a path toward a more equitable, waste-free King County.
- 12 members meet monthly to provide frontline community perspectives.
- Input on EPR, Organics, Grants, MWP, 2025
   Strategic Climate Action Plan, and more!
- For more information, please reach out to Sylvaine Bucher, Re+ Program Manager, at sylbucher@kingcounty.gov.







#### Soapbox Project

make friends who care about stuff at Seattle's most joyful third place for climate action

Soapbox Project is a 501(c)3 nonprofit who envisions a future where all living beings can create healthy, joyful, and resilient communities!

Our mission is to heal climate anxiety, loneliness, & powerlessness through "vibraries"—joyful social spaces for collective change—where Seattleites connect, learn, & take action together.





### Break out Session

#### Unraveling the Textile Industry

for a regenerative Washington

#### Policy, Research, Data, Academia

\*Policy Panelists: Representative Reeves, Marisa Adler, Joanne Brasch, and McKenna Morrigan JeLisa Marshall, PhD Candidate at Prescott College Seattle World School

### Community Engagement & Outreach

Whit Carter, West Seattle Food Bank - Clothesline Sylvaine Bucher, Re+ Community Panel Nivi Achanta, Soapbox

#### Swap, Reuse, Repair, Upcycling

Amanda Miller, South King County Tool Library Refugee Artisan Initiative Janelle Abbott, JRAT/Wardrobe Therapy

### Workforce Development & Business Solutions

Sydney Porter, Seattle Good/NW Sewn Zakiya Cita, The Chayah Movement Cleo Escarez, Redyoos



# Key Takeaways from the Breakouts

