

The webinar will begin shortly.

Safer Products for Washington: PFAS Chemical Action Plan Products

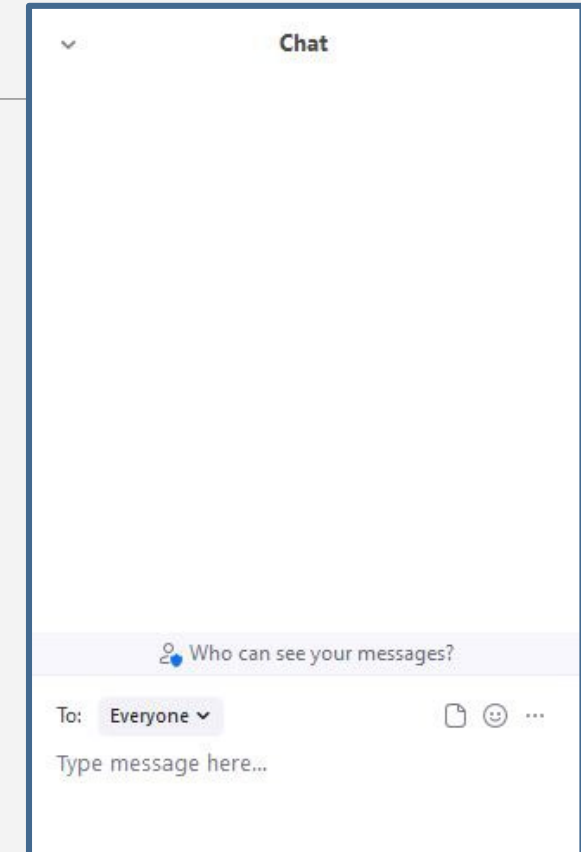
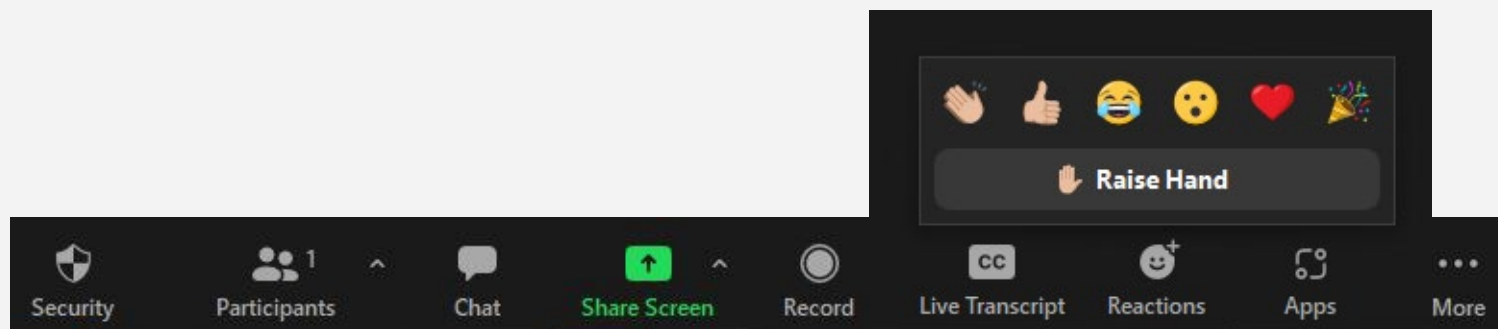
Implementing RCW 70A.350: The Pollution Prevention for Healthy People and Puget Sound Act

SEPTEMBER 20 AND 22, 2022



Zoom logistics

- Send technical issues to the **host** in chat
- Send questions, comments, and discussion to **everyone** in chat



Safer Products for Washington: PFAS Chemical Action Plan Products



From Ecology: Cheryl Niemi, Marissa Smith, Saskia van Bergen, Craig Manahan, Sascha Stump, Rae Eaton, Sean Zigah, Kimberly Goetz, Stacey Callaway, Amy Correa, Lola Flores, Autumn Falls, Joshua Kinne, Amber Sergent.



From Health: Elinor Fanning, Holly Davies.

Today's schedule

1. Safer Products for Washington program overview
2. New PFAS Chemical Action Plan (CAP) Products Work
3. Discussion





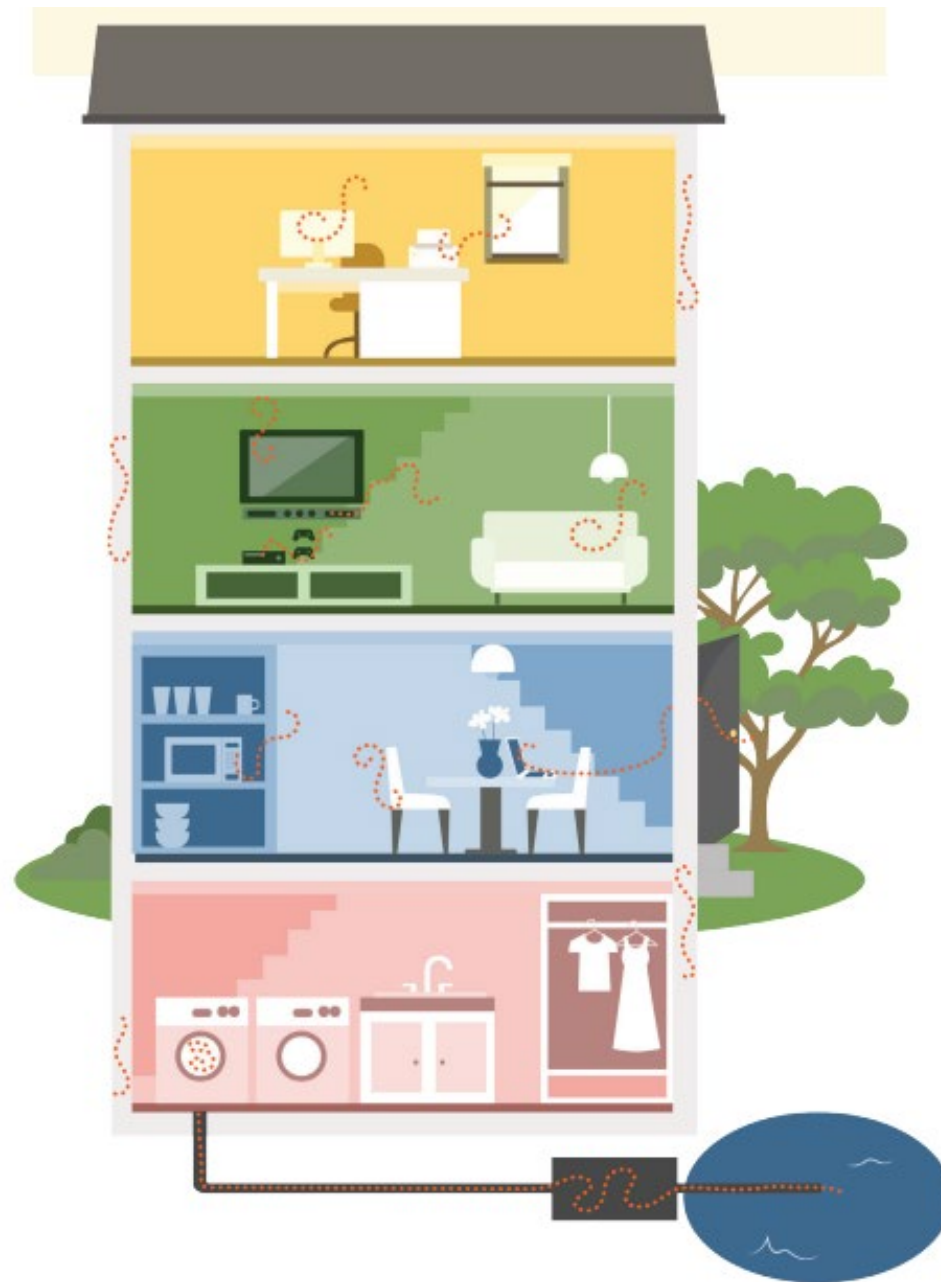
Section 1. Safer Products for Washington overview



Safer Products for WA background

- Implementation program
- Law signed in May 2019
- Equitably reduce exposure to toxic chemicals from consumer products
- Reduce releases of toxic chemicals into the environment

Why do toxic
chemicals in consumer
products matter?



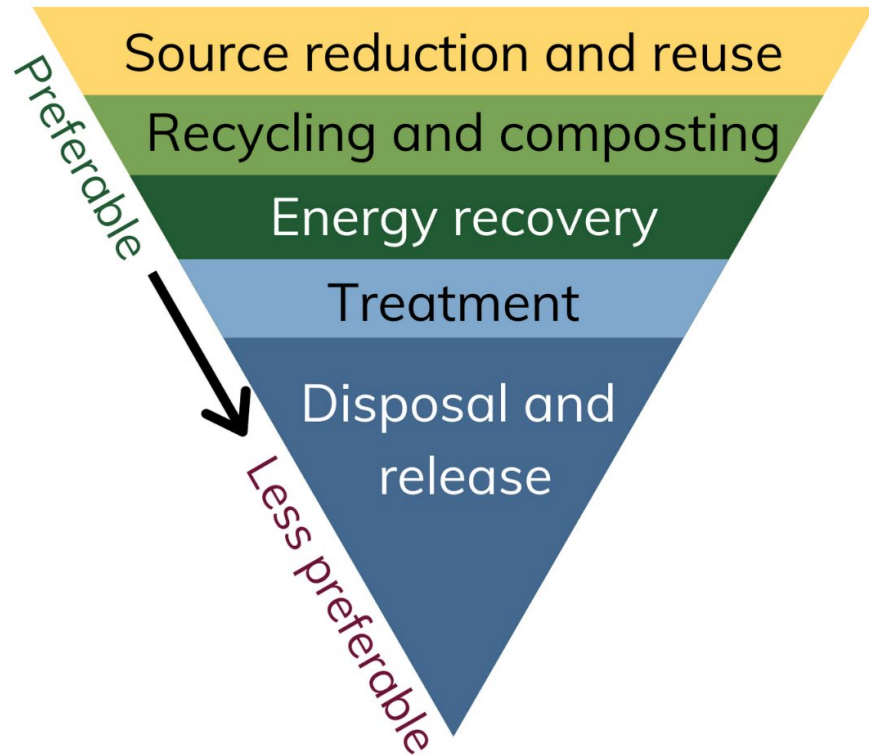


Why do we need to reduce toxic chemicals in consumer products?

- Once hazardous chemicals are in consumer products, reducing exposure is challenging.
- It's hard to predict how people will use consumer products and what they'll do with them when they're done.
- Contamination from hazardous chemicals in consumer products can:
 - Expose communities and wildlife.
 - Harm environmental resources.
- Enable the circular economy! Toxic chemicals limit recycling opportunities.

Reduce risks by reducing the use of hazardous chemicals

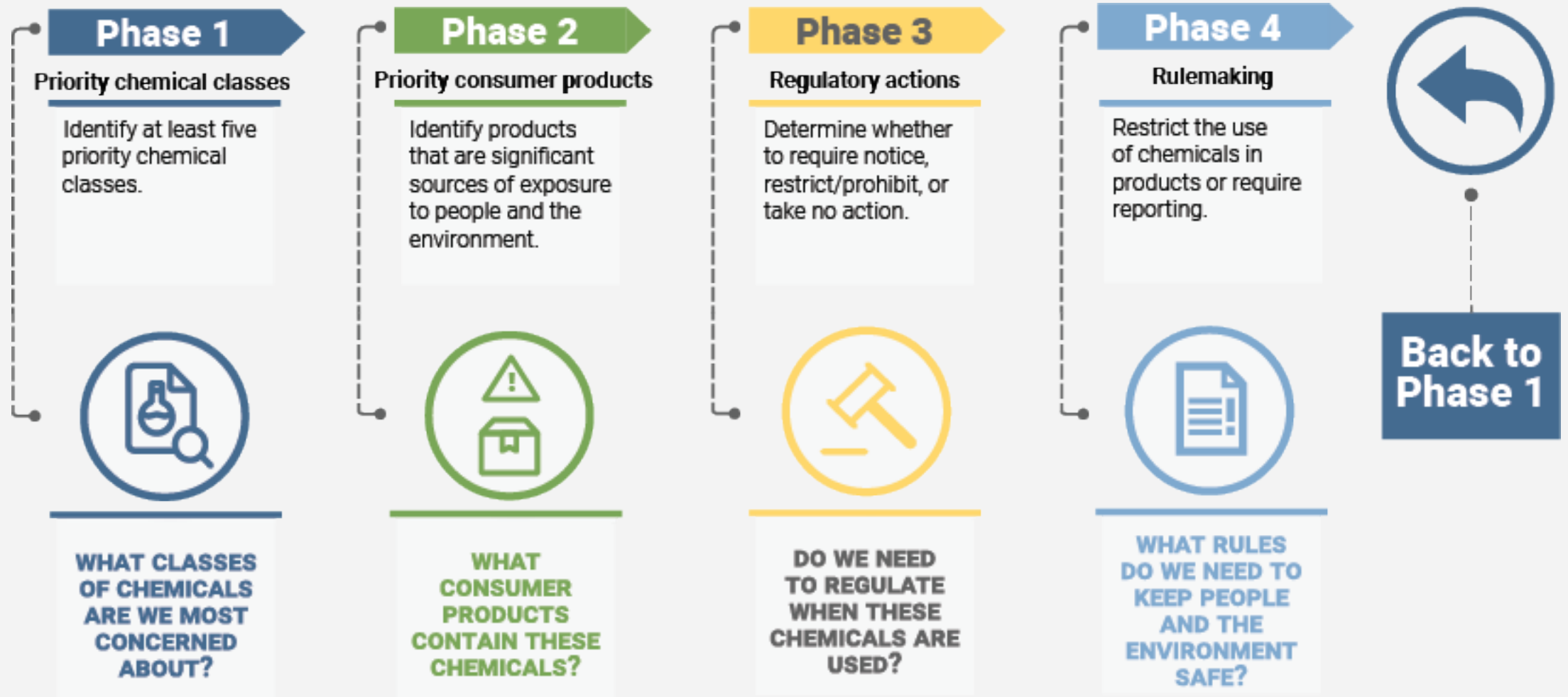
Waste Management Hierarchy



- Focus on reducing risk by avoiding the use of hazardous chemicals.
- Healthier for people and the environment.
- Avoids monetary and environmental costs associated with hazardous chemical cleanups.

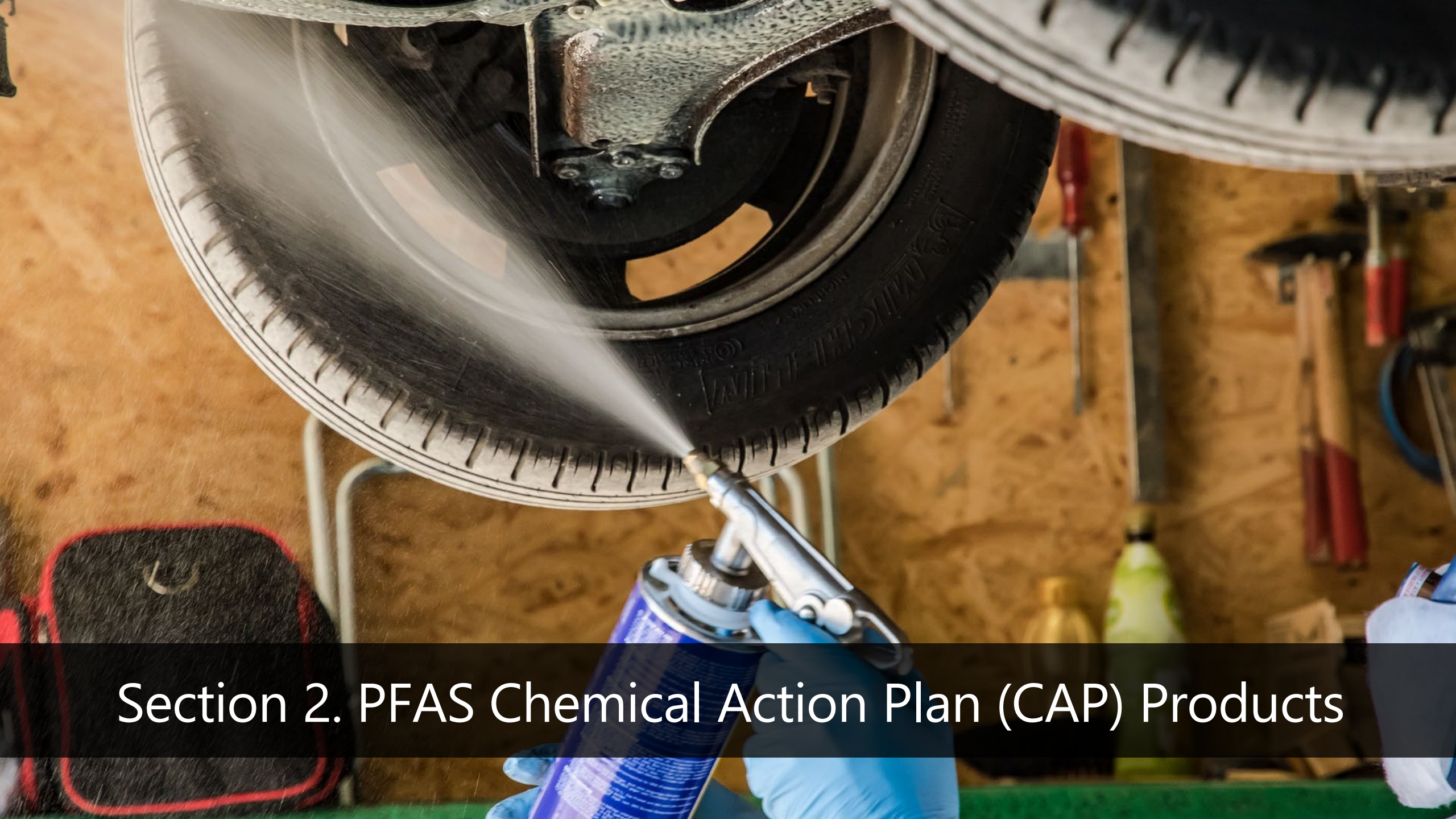
$$\downarrow \text{Hazard} \quad \times \quad \text{Exposure} \quad = \quad \downarrow \text{Risk}$$

Safer Products for Washington implementation process



Safer Product for WA work to date

- **Cycle 1 Rulemaking:** Expect a formal draft rule toward the end of 2022 on restrictions and reporting requirements for the Cycle 1 priority chemical-product combinations.
- **Cycle 2 Priority Chemical Identification:** Join one of our webinars next week (September 27 and 29) to learn about how we're planning to identify new priority chemicals.
- **PFAS CAP Products:** Last year the Legislature directed us to make regulatory determinations on products identified in our PFAS CAP. Today, we'll dive in!



Section 2. PFAS Chemical Action Plan (CAP) Products



New Safer Products for WA work

- In 2022, the Legislature amended RCW 70A.350 to add specific requirements.
- Allows us to consider products identified in the final PFAS CAP as priority products without additional actions.
- Identifies firefighting personal protective equipment as a priority product.
- Establishes a timeline for an initial set of regulatory actions.

Timeline for regulatory actions on PFAS CAP Products





Products we identified in the CAP

- Section 3.0 from the Final PFAS CAP (published in November 2021) identified the following products in a recommendation to Safer Products for WA:
 - Water-resistant clothing and gear
 - Nonstick cookware and kitchen supplies
 - Personal care products (including cosmetics and dental floss)
 - Cleaning agents
 - Automotive products
 - Floor waxes and sealants
 - Ski waxes
 - Car waxes



Work Plan for PFAS Products

- Use the recommendation list from the CAP as the basis for priority product categories.
- Assess safer, feasible, and available alternatives for firefighting PPE and about 3 to 4 priority products from the CAP by June 2024.
- Use the methods published in our June 2022 report to identify safer, feasible, and available alternatives.

PFAS priority products

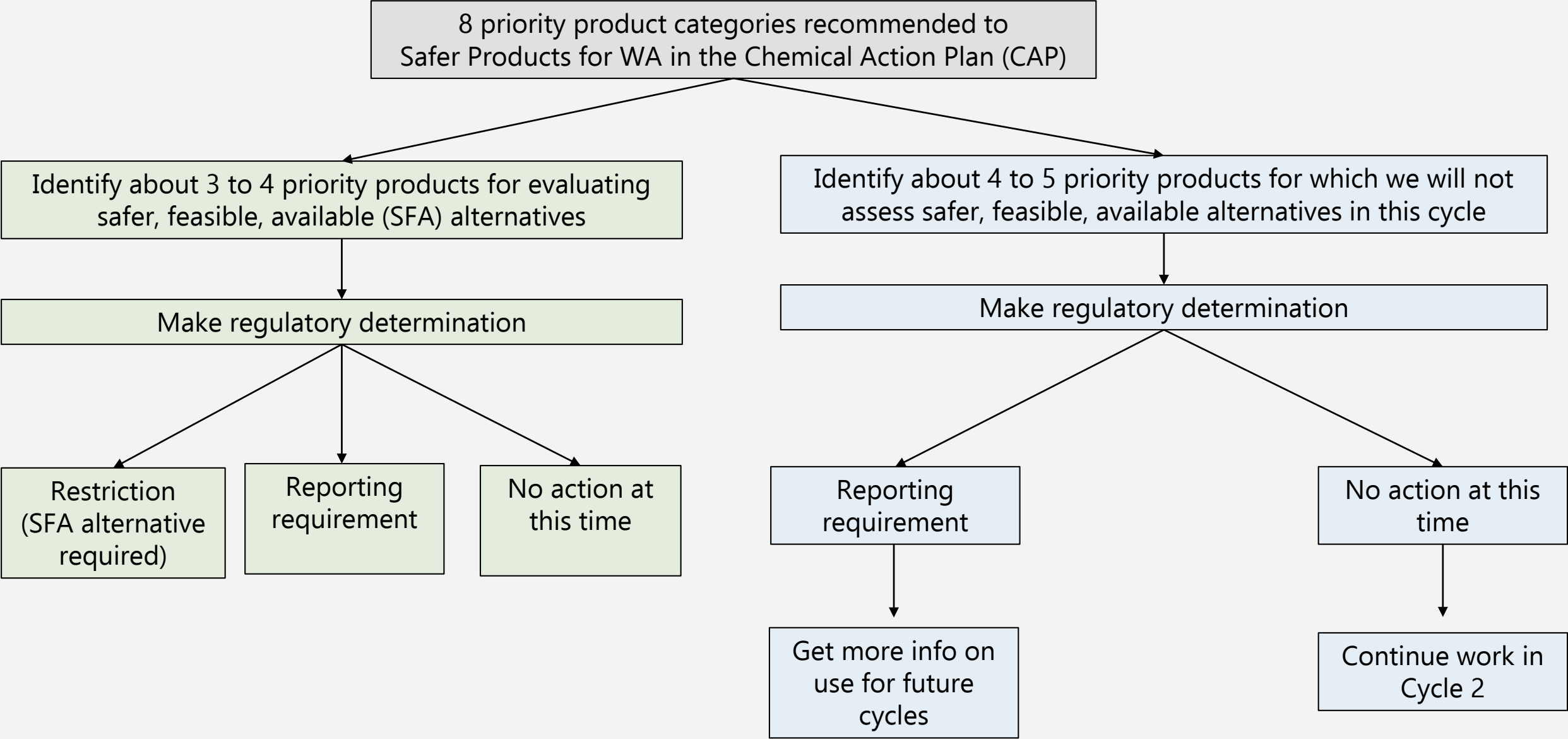
PFAS CAP recommendations:

- Water-resistant clothing and gear
- Nonstick cookware and kitchen supplies
- Personal care products
- Cleaning agents
- Automotive products
- Floor waxes and sealants
- Ski waxes
- Car waxes

Proposed priority products:

- Apparel and gear
- Nonstick cookware and kitchen supplies
- Personal care products
- Cleaning products
- Car waxes and washes
- Floor waxes
- Hard surface sealants
- Ski wax

Identifying priority products from the CAP





Identifying priority products to evaluate alternatives

- Consider our resources and the timeline to identify candidate products where safer, feasible, and available alternatives seem promising.
- Consider products frequently mentioned in our public survey.



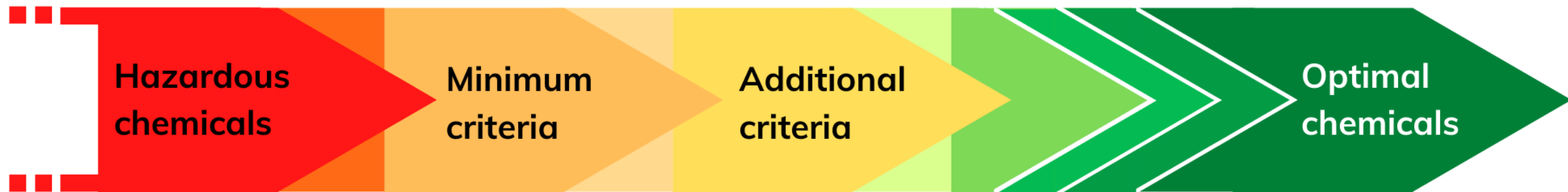
Why are we taking this approach?

- Allows us to prioritize based on opportunities for exposure reduction.
- Gives us the potential to collect more information through reporting requirements.
- Gives us the potential to work on safer, feasible, and available alternatives for longer, by continuing work into the next cycle for more challenging products.



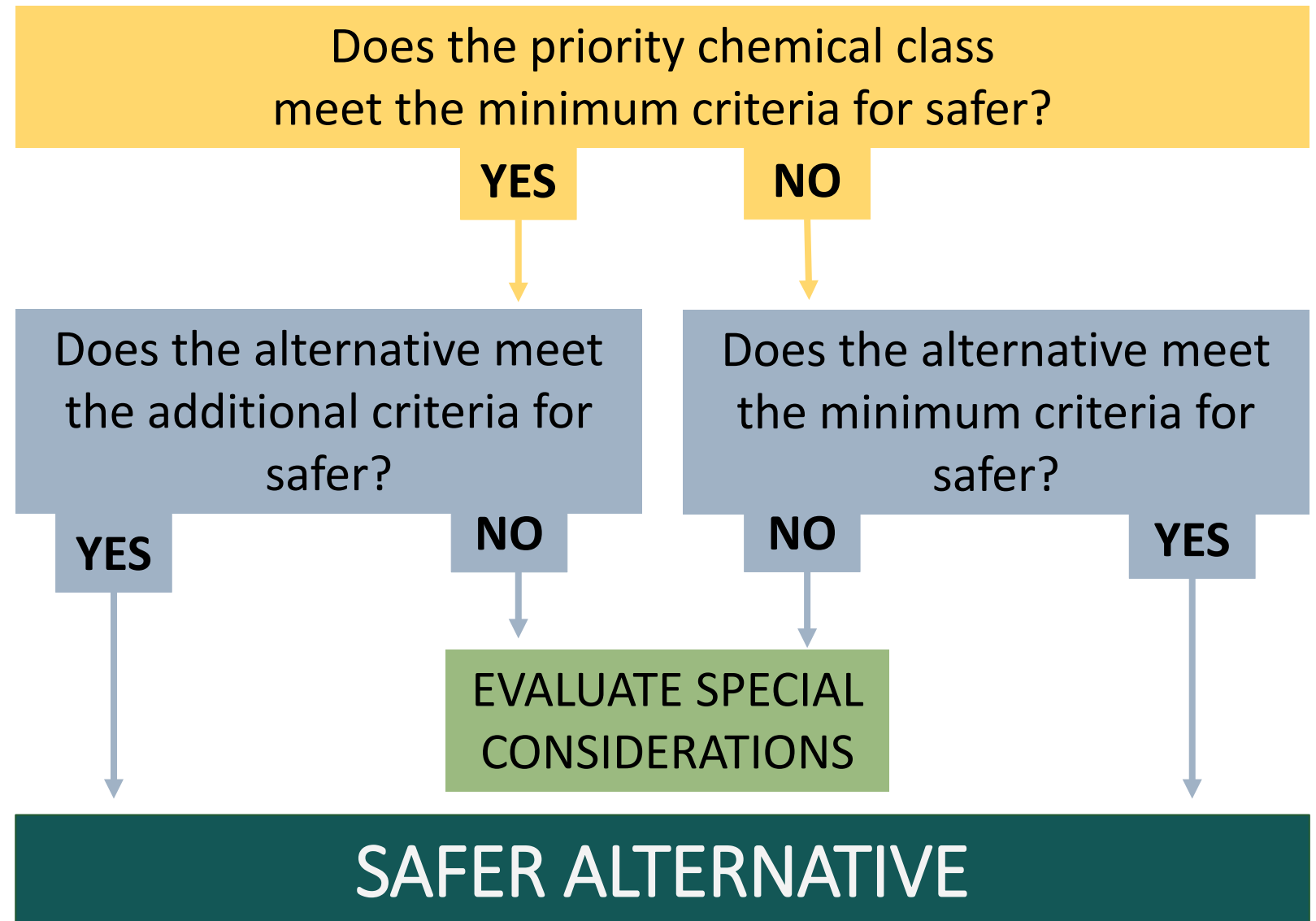
What's next?

- We plan to do preliminary research to identify 3 to 4 CAP priority products that are good candidates for evaluating safer, feasible, and available alternatives.
- Starting research into safer, feasible, and available alternatives to PFAS in PPE.
- We invite you to share input on potential alternatives for all eight products for us to consider now or in future cycles.

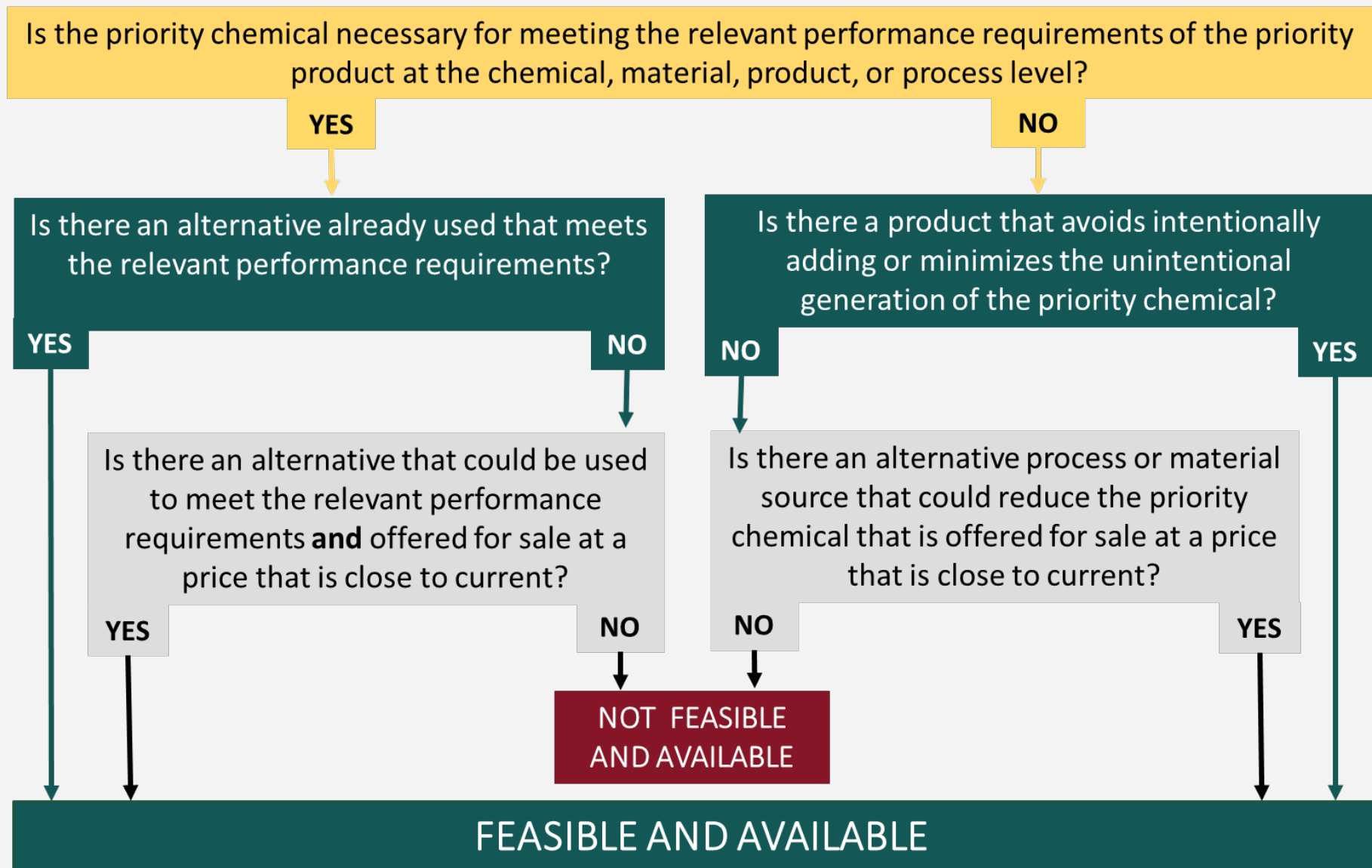


Criteria for safer is a *spectrum*

Process for identifying safer alternatives



Process for identifying feasible and available alternatives



Timeline



- Product scope
- Alternatives results
- Significant source reduction
- Preliminary regulatory determinations

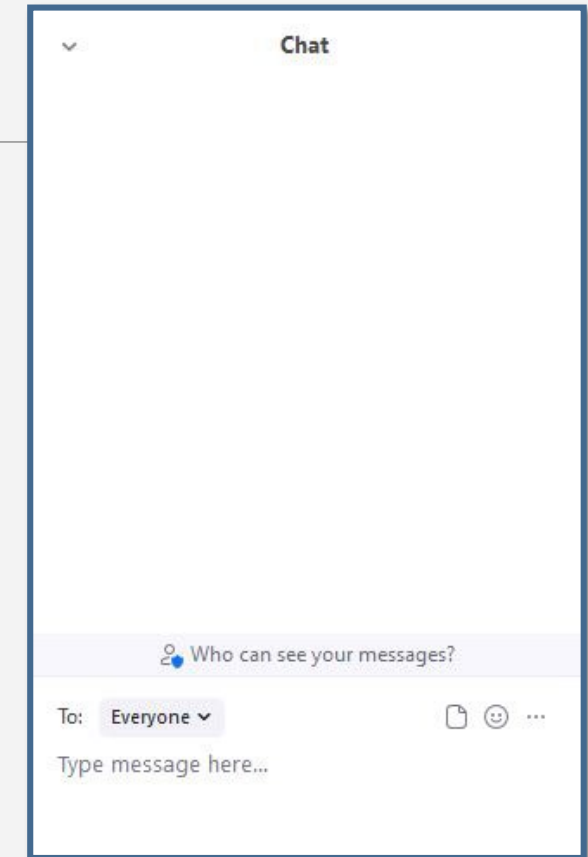
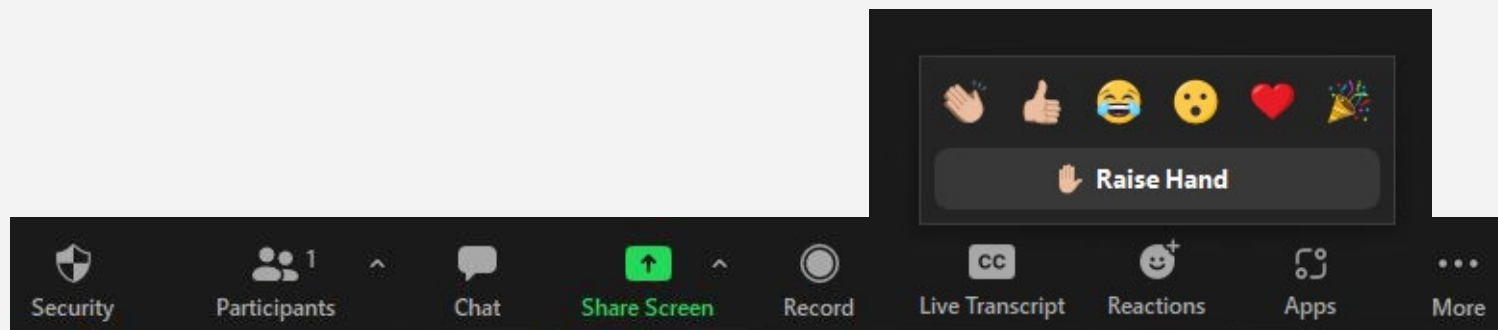


Section 4. Discussion

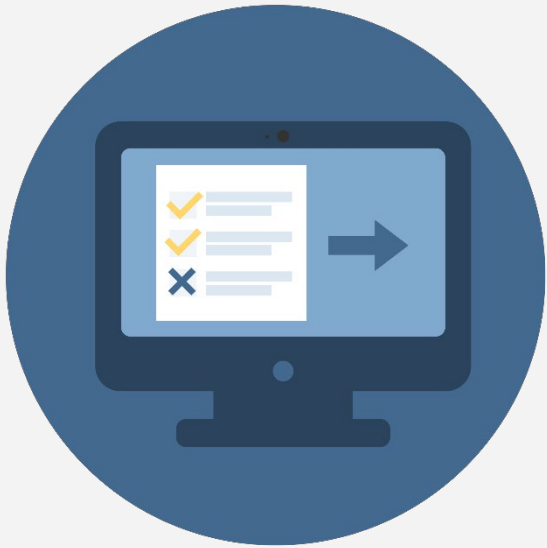
What questions or thoughts do you have?

To provide feedback:

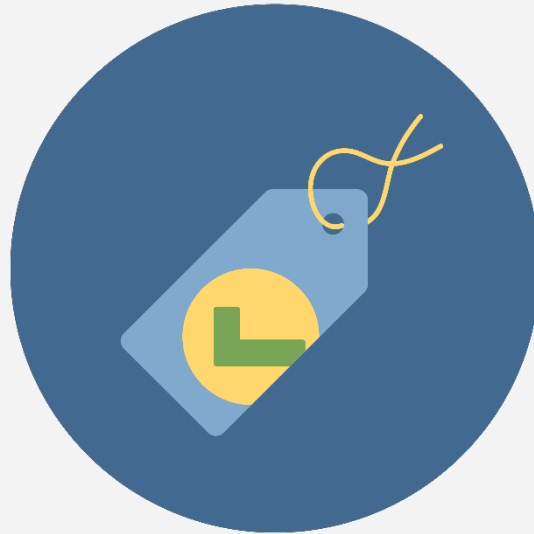
- Type your ideas in the chat
- Raise your hand to share verbally



Thank you for joining us!



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ecology.wa.gov/Safer-Products-WA



Chapter 70A.350 RCW