Key Points

• The outdoor industry, global brands and retailers are developing supply chain facing tools to understand and assess the life-cycle environmental impacts for apparel, footwear and equipment.
  - The tools are useful to improve existing facility practice, implement new factility practice and to assist designers as they create new products
  - **Chemical management is a key focus area**

• Success requires collaboration along **the entire** supply chain – a systematic approach
Chemicals Management Framework: Life Cycle Scope

- Assembly of components into final product (e.g. cut/sew)

- When a product is at the end of its functional life of the last user

- The creation (e.g. growing, mining) of "raw material" inputs/ingredients
- Chemical manufacturing currently out of scope

- Conversion of feedstock into a material/part (e.g. gin/spin/knit/weave)

- Final processing required to convert the material into a finished material/part (e.g. dyeing, coating/finishing, washing)

- Packaging located on the product while displayed at retail (e.g. header-cards, hang-tags, marketing stickers, clips, etc.)

- Activities associated with retail merchandising and consumer use/maintenance of the product
What is the Chemicals Management Working Group?

**Mission:** “Provide education, guidance and decision-making tools to drive continuous improvement and innovation in chemicals management practices industry-wide, in order to accelerate the development and use of Green Chemistry, and ultimately reduce or eliminate hazardous chemicals in consumer products and their emissions to the environment and workplace.”

1. Increase CM Awareness & Understanding
   - Education Series
   - Toxicology Primer

2. Enable Better Decision-making
   - Performance indicators for the Index
   - Chemicals Management Tools Evaluation

3. Collaborate with like-minded efforts
   - e.g. GC3, Zero Discharge Roadmap

- OIA-supported, in collaboration with the Sustainable Apparel Coalition
- ~100 members (predominantly brand, retail, suppliers)
- Steering Committee
- Technical Committee
- 6 small teams driving work product development
The CMWG will provide indicators (and in the future, metrics) for inclusion in future versions of the Apparel, Footwear and Equipment index tools.

INDEX TOOLS
A common set of indicators and metrics to understand, evaluate and reduce environmental and social impact and increase business value.

- Consistent framework (Brand, Facility, Product)
- Increase comprehensiveness without adding complexity
- Indicators organized along a continuum of performance to provide clearer point of entry and direction
- Link to pre-screened resources and tools/services for implementation support

• KNOW what chemicals are used and why
• ASSESS products for potential hazards, exposure risks; understand alternatives
• ACT to manage chemicals and reduce impact
• INNOVATE to develop greener chemistries

Indicators + tools/resources to drive continuous improvement

Chemicals Management Framework
- Foundational
- Improvement
- Aspirational