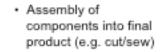


Key Points

- 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



 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."

- Increase CM
 Awareness &
 Understanding
- Performance indicators for the Index

Education Series

Toxicology Primer

- Enable Better Decision-making
- Chemicals Management Tools Evaluation
- 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.

continuous

improvement

INDEX TOOLS A common set of indicators and metrics to understand, evaluate and reduce environmental and social impact and increase business value. SAC-led OIA-led **APPAREL FOOTWEAR EQUIPMENT Product Brand Facility Chemicals Management Framework** Foundational **Improvement** Aspirational **KNOW** what chemicals are used and why Indicators + ASSESS products for potential hazards, exposure tools/resources risks: understand alternatives to drive

ACT to manage chemicals and reduce impact

INNOVATE to develop greener chemistries

- 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