1. CORPORATE RESPONSIBILITY

Global Membership

Based in USA - offices in:
Colorado
Washington

1,300 Member Companies:
BRANDS
RETAILERS
SUPPLIERS
“ASSOCIATES”

2. GOVERNMENT AFFAIRS

3. MARKET & CONSUMER RESEARCH
250 companies and organizations

CHEMICALS MANAGEMENT
MATERIALS TRACEABILITY
SOCIAL RESPONSIBILITY
HIGG INDEX ADOPTION
CHEMICALS MANAGEMENT WORKING GROUP

Administered by:

Joint effort with:
OUTDOOR INDUSTRY ASSOCIATION

Sustainable Apparel Coalition

Higg Index

OIA Eco Index

Environmental Design Tool / Materials Sustainability Index

Global Social Compliance Program (GSCP) Environmental Facilities Assessment

Level 1
Level 2
Level 3

40% OF GLOBAL APPAREL / FOOTWEAR SUPPLY CHAIN
CMWG Mission

The mission of the CMWG is to drive continuous improvement and innovation in chemicals management practices, to accelerate the development and use of “Sustainable Chemistry” (“Green Chemistry”).
Core CMWG Principles

- Tool Harmonization
- Partnership / Collaboration
- Open Participation Model
- Systems Approach
- Proactive Approach to Regulation
3 Key Chemicals Management Collaborative Groups - Apparel, Footwear, Accessories, Gear, Home Textiles

Chemicals Management Working Group (CMWG)

Roadmap to Zero Discharge of Hazardous Chemicals

Sustainable Apparel Coalition
ROADMAP TO ZERO DISCHARGE OF HAZARDOUS CHEMICALS
Apparel/Footwear/Gear Industry
Chemicals Management Tools (High Level)
Apparel/Footwear/Gear Industry
Chemicals Management Tools (High Level)

Start Here:
Led by SAC

BRANDS
Higg Index Brand Module

RETAILERS
Higg Index Retail Module (to come)

SUPPLIERS
Wet Processing
Non Wet Processing
Chemical Suppliers
Higg Index Facilities Module

Led by SAC
Apparel/Footwear/Gear Industry
Chemicals Management Tools (High Level)

Start Here:
Led by SAC

Higg Index Chemicals Management Module (CMM) - Brand Indicators

Higg Index Chemicals Management Module (CMM) - Primary Objectives 1-7

Led by OIA

Higg Index Chemicals Management Module (CMM) - Supplier Indicators

Higg Index Chemicals Management Module (CMM) - Chemicals Supplier Indicators
Apparel/Footwear/Gear Industry
Chemicals Management Tools (High Level)

Start Here:
Led by SAC
Higg Index Brand Module
Higg Index Retail Module (to come)
Higg Index Facilities Module

CMM = “WHAT” TO DO
Led by OIA
Higg Index Chemicals Management Module (CMM) - Brand Indicators
Higg Index Chemicals Management Module (CMM) - Retailer Indicators
Higg Index Chemicals Management Module (CMM) - Supplier Indicators
Higg Index Chemicals Management Module (CMM) - Chemicals Supplier Indicators

“HOW” TO DO IT
Led by ZDHC
ZDHC Tools and Protocols:
Joint Roadmap
Chemicals Environmental Management System
Hazard Assessment Protocol
Manufacturing Restricted Substance List (MRSL)
Preferred Chemicals Information
Discharge Measurement & Reporting
Joint Audit Protocol etc.
**CiP programme Information Objectives**

1. **KNOW AND EXCHANGE IN SUPPLY CHAINS** information on what chemicals are in your products, associated hazards and sound management practices.
2. **DISCLOSE** information to stakeholders **outside** the supply chain to assist in informed decision making about chemicals in products.
3. **ENSURE** that information is accurate, current, verifiable and accessible.
Apparel Industry Chemicals Management Process

Step 1: Assess your company (Brands, Retailers, Suppliers) against the Higg Index ("what to do")

Step 2: Assess your company against the Chemicals Management Module of the Higg Index ("what to do")

(To come: verification of Higg Index assessments - verification guidelines TBD)

Step 3: Create your action plan based on your Higg Index assessments

Step 4: Employ tools, protocols, service providers, and other resources to achieve your action plan

Education & Training
## Apparel Industry
### Chemicals Management Process

<table>
<thead>
<tr>
<th>Step</th>
<th>Description</th>
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**Education & Training**
Apparel Industry

Chemicals Management Process

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Education & Training

“What To Do”

“What To Do”

“What You Need To Do”

“How To Do It”
Chemicals Management Module

PRIMARY OBJECTIVES

1. Regulatory Awareness and Compliance
2. Restricted Substances and Substances of Concern
3. Process and Product Chemicals Knowledge
4. Chemical Hazard Assessment
5. Chemical Safety and Risk Management
6. Safer Alternatives Assessment and Preferred Substances
7. Sustainable Chemistry Innovation and Continuous Improvement
Which **stakeholder** group(s) are you?

- Retailer
- Brand
- Supplier
- Chemical Supplier
# The Chemicals Management Module

## Stakeholder Groups

<table>
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<tr>
<th>CONTINUUM</th>
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<td>F</td>
<td>Retailer</td>
</tr>
<tr>
<td>P</td>
<td>Monitor Regulations: Retailer systematically monitors applicable regulations on a regular basis for each legal jurisdiction in which the retailer operates or sells its products to ensure compliance and to identify new or changing compliance requirements.</td>
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<tr>
<td>A</td>
<td>Integrate into Contracts: Retailer requires a contractual obligation with brands to comply with the regulatory requirements in legal jurisdictions where the retailer operates and sells final products.</td>
</tr>
<tr>
<td></td>
<td>Integrate Most Stringent Regulations Into Contract: Retailer requires a contractual obligation with brands to comply with the most stringent global regulatory requirements regardless of where the retailer operates.</td>
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<td>Verify Compliance: Retailer monitors and verifies that brands meet contractual agreements to comply with Final Product regulatory requirements.</td>
</tr>
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<td>Establish Business Process to Report Chemicals in Products: Retailer has a business process to report regulatory requirements to ensure labeling and reporting of chemicals in consumer products. (e.g., State of WA Children’s Safe Product Act, GA Prop)</td>
</tr>
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</table>
The Chemicals Management Module: How performance is measured

Continuum of Performance

Foundational
• Entry-level
• Begins w/ Regulatory Compliance & RSL (Restricted Substances List)

Progressive
• Beyond compliance and RSL
• Implement processes to identify, assess, prioritize chemicals
• Identify preferred substances

Aspirational
• Comprehensive knowledge of chemicals and full disclosure
• Implementation of Green Chemistry practices – driving innovation toward safer alternatives
# The Chemicals Management Module

## Continuum of Performance

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<td>B1.1.3</td>
<td>R1.3.M</td>
</tr>
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<td>B1.1.5</td>
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**CM 1.0 - Regulatory Awareness & Compliance:** Know and ensure compliance with all chemicals management-related environmental, health and safety regulations for chemicals used in manufacturing processes and/or residing Final Product.

- **R1.1.M:** Monitor Regulations: Retailer systematically monitors applicable regulations on a regular basis for each legal jurisdiction in which the retailer operates or sells its products to ensure compliance and to identify new or changing compliance requirements.

- **R1.2.M:** Integrate Meets Stringent Regulations into Contracts: Retailer requires a contractual obligation with brands to comply with the “most stringent” global regulatory requirements regardless of where the retailer operates.

- **R1.3.M:** Verify Compliance: Retailer monitors and verifies that brands meet contractual agreement to comply with Final Product regulatory requirements.

- **R1.4.M:** Establish Process to Report Chemicals in Products: Retailer has a business process to meet regulatory requirements to verify, label and report “Chemicals in consumer products.”

- **R1.5.M:** Establish Process to Report Chemicals in Products: Brand has a business process to meet regulatory requirements to verify, label and report “Chemicals in consumer products.”
Chemicals Management Module

If you think you can turn a blind eye to more proactive chemicals management in your supply chain and final products, think again. The good news is, we have a tool for you: The Chemicals Management Module.

What is the Chemicals Management Module?

The Chemicals Management Module (CMM) is a groundbreaking roadmap for companies to benchmark, establish, build, maintain and improve chemicals management processes as part of an overall corporate management system. It provides a shared strategic guide for companies in the outdoor and fashion industries — and beyond — to better manage chemicals they use to create products.

The CMM indicators will be integrated into the Higg Index — the apparel index tool that the OIA helped develop — in partnership with the Sustainable Apparel Coalition, to bolster the chemicals management portion of the Index.

Download the Chemicals Management Module Toolkit

You can register, download and begin using the Chemicals Management Module. Registration is free and all users agree to the terms of use at the bottom of this page. Before you begin using the CMM, please read the "Introduction to the Chemicals Management Module." To get started, download the Action Plan Template and click here to access the introductory webinar. 

Questions? Email sustainability@outdoorindustry.org

outdoorindustry.org/responsibility/chemicals/cmpilot
How it all fits together …

- How we define “Chemicals Management:”
- What we’re trying to achieve (desired outcomes):
- How we’ll accomplish it:
- Tools, services, other resources to support:
- What this means for MY business:

Higg Index Chemicals Management Module (CMM)
CMM Primary Objectives & Indicators
Industry-Developed Protocols, i.e. from ZDHC
CM Resources Guide; Service Providers; Education & Training; Assurance Mechanisms
CM “Action Plan”

Building toward a shared “Community of Practice” / “Center of Excellence” around chemicals management for the apparel / textile industry
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Capacity building in textile mills in China

Formal launch: January/February 2015

Partners: UNEP, Chinese Ministry of Environmental Protection (MEP), CMWG, ZDHC

- CMM translation and software platform development
- Development of shared data schema for industry (led by ZDHC)
- Pilot trainings in 4 key markets:
  - Shanghai
  - Guangzhou
  - Hangzhou
  - Fujian
- Recommendations for other industry sectors
To be discussed further

- MRSL - Manufacturing Restricted Substance List
- PFOS - Perfluorooctane Sulfonic Acid
- PRTR - Pollutant Release and Transfer Registry
Other CMWG Projects

Building the “Community of Practice” for the industry...

**Priority Chemicals**
Information sharing on issues, addressing data gaps, exploring alternatives
- PFC’s/Durable Water Repellency
- Antimicrobials
- Flame Retardants
- Etc.

**Chemicals Management Module and other Management Tools**
Training, adoption, supporting tools and resources

**Legislative and Regulatory Issues**
Tracking and information sharing

**“Bridge Building”**
Integration/mapping of tools toward a harmonized industry approach
- Higg Index (SAC)
- MRSL, Audit Protocol, etc. (ZDHC)
In Closing

- Robust proactive collaborative efforts on chemicals management in the private sector
- Upstream industry engagement is critical to the SAICM process
  - Brands and Retailers
  - Suppliers/Manufacturers
  - Industry Associations
- Needs
  - Patchwork of global legislation
  - Funding
Apparel & Textile Sector Initiatives:
outdoorindustry.org/responsibility
roadmaptozero.com
apparelcoalition.org

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Outdoor Industry Association
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+1.303.327.3517

Thank you