

# ZDHC Overview Presentation

for Planet Textiles  
5<sup>th</sup> Annual Conference  
on 22 October 2013  
in Pudong, Shanghai, China

# RØADMAP TO ZERO DISCHARGE OF HAZARDOUS CHEMICALS

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# INDUSTRY LEADERS COMMIT TO ZERO DISCHARGE

## Signatory Brands

- Started with 6 in 2011
- Now at 17

## Commitments

- Committed to high standards of consumer, environmental and worker safety.
- The Joint Roadmap includes specific commitments and timelines to move towards the shared goal of zero discharge.

### AN AMBITIOUS PLAN

One that sets a new standard of environmental performance for the global apparel and footwear industry.



# CHALLENGES AND OPPORTUNITIES

**TO GET  
STARTED  
WE ASKED  
OURSELVES:**

- How do we know which hazardous chemicals are in use in our supply chains?
- When are these chemicals used in a way that poses harm?
- Which chemicals should we prioritise?
- How can we train and communicate to our suppliers?
- How can we encourage both end-of-pipe controls AND input management?



**Helping to lead our industry towards zero discharge of hazardous chemicals**

# PROGRESS TO DATE

- Completion of benchmarking effluent testing at 19 sites
- Creation of an apparel-industry specific chemical inventory
- Created generic audit protocol and piloted audit in 2 locations
- Finalized benchmarking study on targeted phase out actions in the supply chain
- Completion of an extensive DWR research report
- Publication, with OIA, of Chemical Hazard Assessment guidance
- Online release of supplier training
- Co-hosted supplier symposium with China National Textile & Apparel Council

Joint Roadmap, Version 2

Released June 2013

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# BUILDING ON EXPERIENCE



**AN AMBITIOUS PLAN**

**Sets a new standard of environmental performance for the global apparel and footwear industry**

**Version 2 of the Roadmap**

- communicates the long-term vision and goals
- High-level strategic document
- Includes action plan with goals, milestones, deliverables and responsibilities

## THE JOINT ROADMAP, VERSION 2

updated understanding of challenge

Outlines vision, mission, guiding principles, and 2020 goals

Incorporates and reflects on comments received from stakeholders

Builds on the first Joint Roadmap but does not replace it

# LEADING THE WAY FORWARD

## WHERE ARE WE GOING?

### ZDHC Vision

We envision an apparel and footwear industry that delivers high quality products, using safe chemistries, operating in ways that keep communities free from unintended, downstream environmental impacts and delivers to a market where sustainable chemistry practices are preferred and rewarded.

## HOW WILL WE GET THERE?

### ZDHC Mission

The ZDHC Programme is a multi-stakeholder group working on developing and promoting best practice to improve environmental performance and chemical safety in the global apparel and footwear industry.

The ZDHC Programme and its partners will transform the global apparel and footwear industry by delivering a safer and cleaner environment as we work towards zero discharge of hazardous chemicals in the life cycle of all products by 2020.

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# ZDHC IS WORKING TOWARDS

## ACHIEVING THE FOLLOWING BY 2020

- 1 Elimination or substitution of hazardous chemicals in our members' products and their manufacture
- 2 Development of a transparent process screen and eliminate hazardous chemicals in the apparel and footwear industry
- 3 Tools training and capacity building programmes that support the entire supply chain
- 4 Development of common, harmonised assessment tools to be used throughout the industry and clear guidelines on best practices available for all supply chain stakeholders.
- 5 Development of a system of disclosure created in partnership with the supply chain that allows communities and consumers to access information about potential exposures to chemicals
- 6 The entire system of suppliers, brands, governments and NGOs is engaged and participating, innovating and fulfilling their respective responsibilities to ensure the safe use of chemicals
- 7 Development of a transparent and continuous stakeholder engagement process that helps build trust and ensures strong alignment amongst all parties



# OUR GUIDING PRINCIPLES

## Precautionary Principle

A cautious approach should be taken in advance; an examination of the full range of alternatives

## Right to Know

Practices that allow members of the public access to environmental information

## Systemic Change

Wider societal and policy change to achieve zero discharge of hazardous chemicals

## Collective Action

We cannot accomplish our aspirations alone; we need collaboration across the supply chain

## Actionable Efforts

Actionable, on-the-ground efforts that are grounded in science

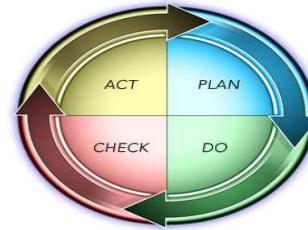
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# SEVEN KEY WORKSTREAMS

The Joint Roadmap, Version 2, outlines our focus on seven workstreams.



WS 1: Chemical Hazard Assessment, Prioritisation and Action



WS 5: Management Systems Approach, Structure and Documentation



WS 2: Training



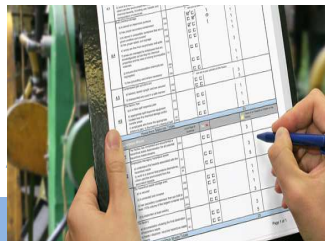
WS 6: Stakeholder Partnering



WS 3: Right to Know



WS 7: Chemicals Management Best Practices



WS 4: Assessments and Audits

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# WORKSTREAM 1

## Chemical Hazard Assessment, Prioritization and Action

### Key Objectives

- Develop a transparent, validated process to prioritize hazardous chemical substances
- Develop key actions against hazardous chemicals
- Encourage research and development of safer and more sustainable chemicals and processes

### Near Term Actions

#### **Hazard Assessment and Prioritization**

- Provide a list of chemical substances and prioritise for phase out or further research

# WORKSTREAM 1 (continued)

## Chemical Hazard Assessment, Prioritisation and Action

### Near Term Actions

#### **Phase Out Actions**

- Increase awareness of chemicals targeted for elimination and substitution
- Develop a KPI to track phase out at supplier location
- Define and implement MRSL

#### **Research Actions**

- Conduct research project on durable repellency technologies to substitute perfluorinated and polyfluorinated substances with safer alternatives

# WORKSTREAM 2

## Training

**Key Objective**     Develop training materials that will support awareness and knowledge transfer of necessary skills and education to achieve and maintain it for all parts of the supply chain

- Near-Term Actions**
- Roll out and promote training in first key market (China)
  - Expand to two additional markets
  - Integrate training in external projects

# WORKSTREAM 3

## Right to Know

### Key Objectives

- Improvements around responsible use and disposal of chemicals
- Identify facilities that can deliver ZDHC requirements by communicating performance
- Measure the performance of factories in delivering zero discharge
- Facilitate disclosure of data from chemical industry
- Create incentives for facilities to disclose data
- Provide the public with information to re-assure them that products and suppliers are managed responsibly

# WORKSTREAM 3 (continued)

## Right to Know

### Near-Term Actions

- Define criteria that will be included in the Right to Know performance rating of mechanism
- Develop process for creating a positive list of chemicals and dyestuff
- Publish extensive research into different methods for managing chemical compliance including Pollutant Release and Transfer Register (PRTR)

# WORKSTREAM 4

## Assessments and Audits

- |                   |  |
|-------------------|--|
| Key Objective     | Deliver a structure to audit and support improvements at a Tier 1 and 2 suppliers                          |
| Near-Term Actions | <ul style="list-style-type: none"><li>• Develop shared dye house audit protocol with third party</li></ul> |



# WORKSTREAM 5

## Management Systems Approach, Structure and Documentation

**Key Objective**     A management framework that allows all parties to understand their roles by developing clear guidelines for all parts of the supply chain

- Near-Term Actions**
- Develop ZDHC EMS Manual
  - Develop guidelines for brands, Tier 3 suppliers and mills
  - Develop ZDHC EMS procedures

# WORKSTREAM 6

## Stakeholder Partnering

**Key Objective** Engage stakeholders and stakeholder organisations to build alliances, align activities and address system barriers and leverage points to achieve the 2020 goals

- Near-Term Actions**
- Engage with key influencers in the system
  - Engage stakeholders against specific work streams
  - Engage with chemical suppliers to identify and implement best practices
  - Increase the number of partner brands to at least 40 members by 2015

# WORKSTREAM 7

## Chemicals Management Best Practices

**Key Objective** Evaluate business case for implementing best practices to reduce environmental pollution

**Near-Term Actions**

- Pilot best available chemistry practices to determine best outcomes
-

Ongoing Engagement

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# **GALVANISING A MULTISECTOR GLOBAL ALLIANCE**

**YOUR SUPPORT  
IS CRITICAL**

**We want active engagement with:**

- Brands
- Suppliers
- Textile associations and NGOs
- Regulatory agencies in Asia, Europe and the United States
- Environmental and social NGOs
- Chemical industry
- International development organisations
- Academic institutions

# PARTICIPATING IN THE MULTISECTOR GLOBAL ALLIANCE

## WHAT CAN YOU DO?

- Join the group:
  - as a brand member
  - as an associate member (open to non-brands)
- Stay current on ZDHC progress and areas of participation by visiting [www.roadmaptozero.com](http://www.roadmaptozero.com) and subscribing to [info@roadmaptozero.com](mailto:info@roadmaptozero.com)
- Identify opportunities for mutual collaboration
- Participate in online training

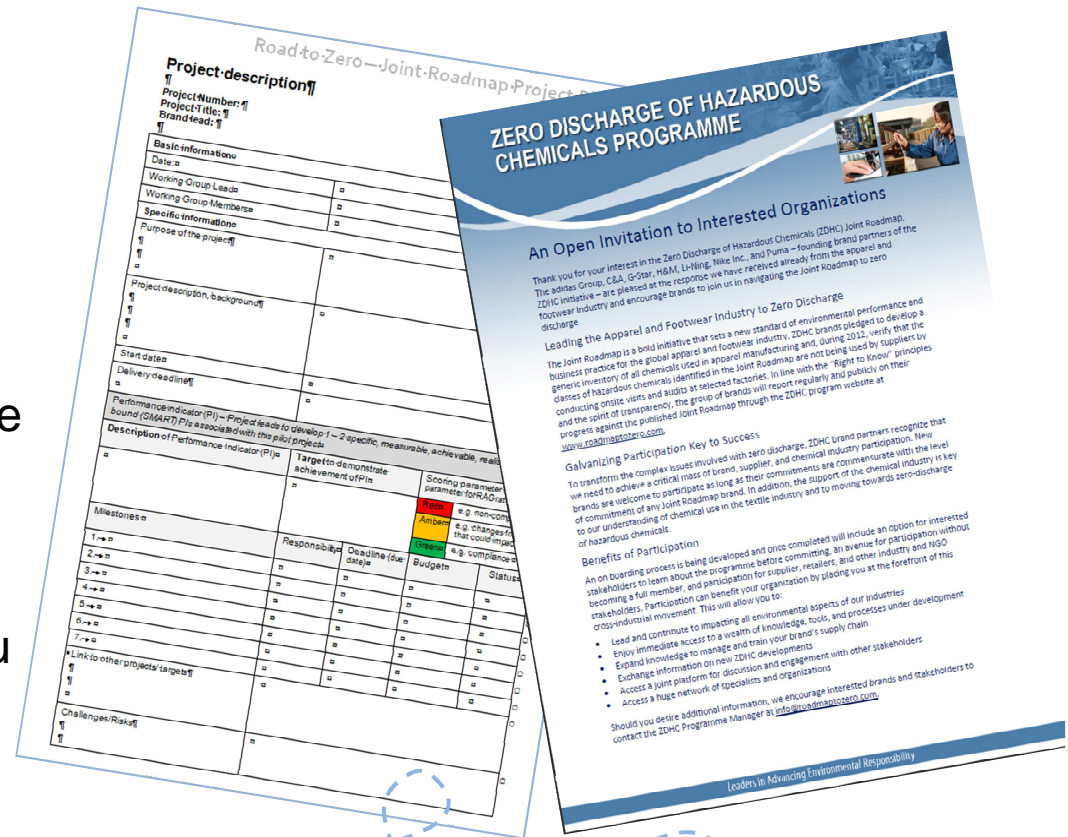
# BENEFITS OF MEMBERSHIP

**BECOME A  
SIGNATORY  
BRAND OR  
ASSOCIATE  
MEMBER**

- Be viewed as industry leader and innovator
- Boost brand image and attract new customers
- Access tools, training and capacity building to manage and train your brand's supply chain
- Defray cost of reaching the goal of zero discharge
- Access to joint platform for support from regulatory agencies, academia, NGOs, chemical industry, funders, manufacturers and media
- Align between brands for media engagement and communication related to zero discharge
- Benefit from transparent and continuous stakeholder engagement process for strong alignment required to achieve zero discharge

# MEMBERS CAN ACCESS TOOLS AND PROCESSES LIKE...

- Action Plan to phase out 9 chemical classes
- Inventory of Chemicals
- Screening tool for chemical hazards
- Audit Protocols – generic, dye house, printer
- Training materials and knowledge transfer
- Chemical disclosure platform
- Unified Communication Protocol
- Guidance is available to help you write your Joint Roadmap Model Statement





# ZDHC INFORMATION

## SIGNATORY BRAND AND ASSOCIATE MEMBERSHIP

[email: info@roadmaptozero.com](mailto:info@roadmaptozero.com)

## PROGRAMME INFORMATION

[www.roadmaptozero.com](http://www.roadmaptozero.com)

**ZDHC welcomes your  
support and  
collaboration!!**