



CHEMICAL MANAGEMENT AT H&M

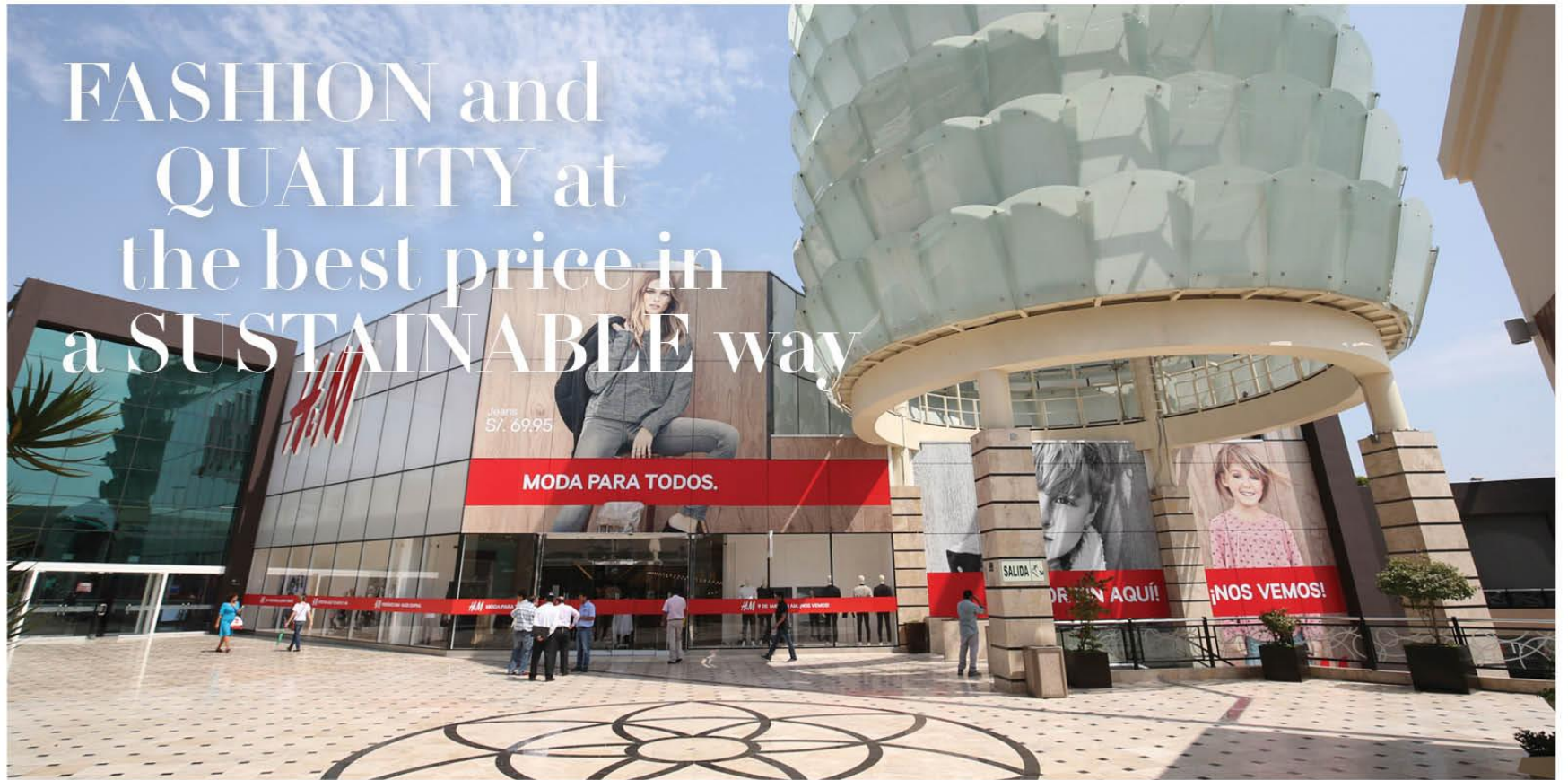
ECHA WEBINAR 23RD OF FEBRUARY

YLVA WEISSBACH, SUSTAINABILITY BUSINESS EXPERT

AGENDA

- GENERAL
- CHEMICAL MANAGEMENT
- IDENTIFY SUBSTANCES OF CONCERN
- ENGAGE WITH SUPPLY CHAIN
- PFC PHASE OUT
- ZDHC INFO
- CHALLENGE





FASHION and
QUALITY at
the best price in
a SUSTAINABLE way

¡NOS VEMOS!
MODA PARA TODOS.

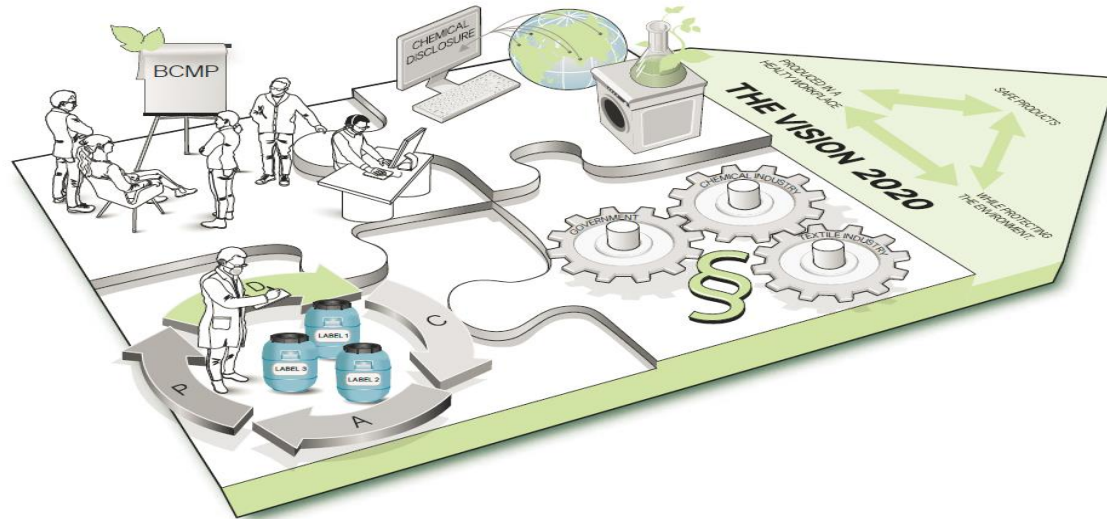
MODA PARA TODOS.

SALIDA

¡DROEN AQUÍ!

¡NOS VEMOS!

Safe products produced in a healthy workplace while protecting the environment



H&M CHEMICAL MANAGEMENT - A PRECAUTIONARY APPROACH

- WHAT FUNCTION IS NEEDED?
- H&M RESTRICTED SUBSTANCE LIST HEALTH FOR CUSTOMERS, WORKERS AND THE ENVIRONMENT
- AS A MINIMUM BASED ON LAWS AND REGULATIONS IN EACH OF OUR SALES COUNTRIES
- LEGISLATION SELDOM TARGETING OUR PRODUCT TYPES
- H&M MANUFACTURING RESTRICTED SUBSTANCE LIST, CLEAN FACTORIES
- www.hm.com/chemical-restrictions



HOW WE IDENTIFY SUBSTANCES OF CONCERN

- SIN LIST
- SCIENTIFIC REPORTS
- AUTHORITIES
- LEGISLATION (OFTEN TARGETING OTHER PRODUCTS)
- GREEN SCREEN LIST TRANSLATOR
<http://www.greenscreenchemicals.org/learn/greenscreen-list-translator>



ENGAGE WITH SUPPLY CHAIN

- SUPPLIER PORTAL
- INHOUSE COMPETENCE
- RISK ASSESSMENT
- TRAINING & ROOT CAUSE ANALYSES
- RANDOM TESTING
- SELF ASSESSMENTS AND VERIFICATION
- WORKING TOGETHER WITH SGS ON HAZARDOUS CONTROL TRAINING

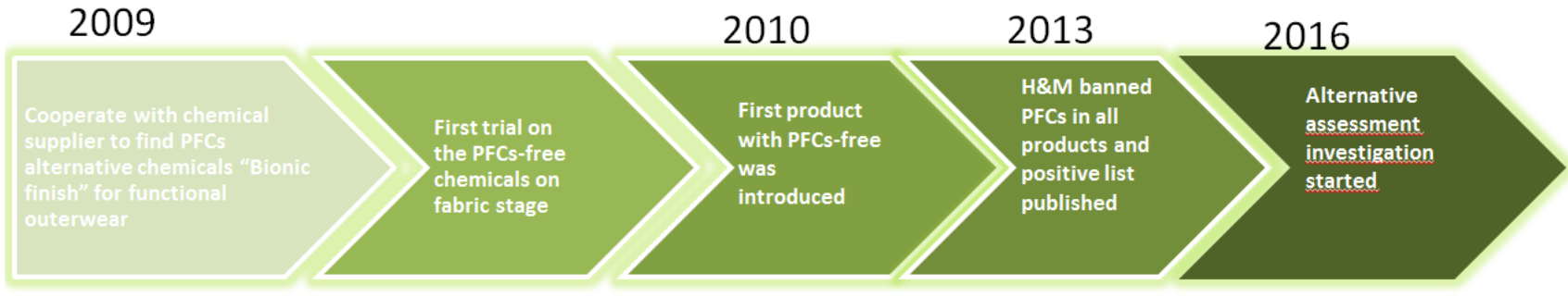


ENGAGE WITH SUPPLY CHAIN

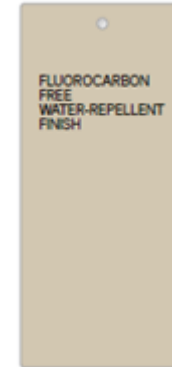
- DEVELOPED PU WITHOUT THE SOLVENT DMF IN CLOSE COLLABORATION WITH BAYER MATERIAL SCIENCE
- OPTIONS TO SOLVENT BASED AND WATER BASED GLUES WITH THERMO GLUES, HENKEL
- TRAININGS WITH OUR SUPPLIERS AND CHEMICAL SUPPLIERS E.G. FORMALDEHYDE



ENGAGE WITH SUPPLY CHAIN



- 2013 INTERNAL ROUTINE FOR APPOINTING SAFER ALTERNATIVES
- APPROVED PFC FREE FUNCTIONAL FINISH POSITIVE LISTS:
<http://sustainability.hm.com/content/dam/hm/about/documents/masterlanguage/CSR/Policies/Approved%20alternatives%20to%20PFC%20version%207.pdf>
- 2016 HAZARD ASSESSMENT METHOD DEVELOPMENT



ZDHC GROUP INFO

BRANDS AND SUPPLIERS WORKING TOGETHER ON:

- MRSL CONFORMITY AND UPDATE
- AUDIT PROTOCOL
- DATA AND DISCLOSURE
- WASTEWATER
- TRAINING

<http://www.roadmaptozero.com/contributors/>



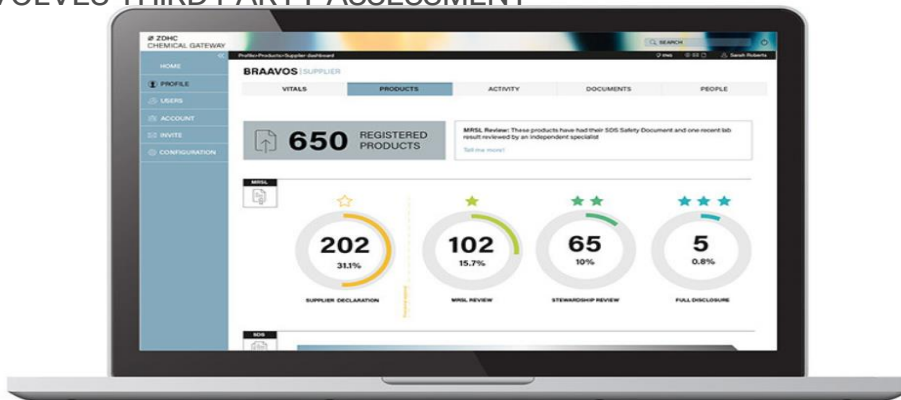
**Leading the textile, leather and
footwear industries towards
zero discharge of hazardous
chemicals**



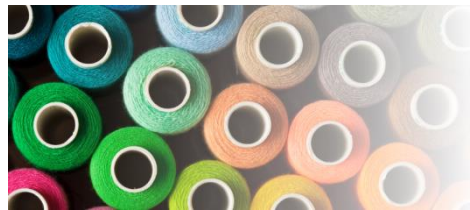
H&M

ZDHC CHEMICAL GATEWAY

- THE LARGEST DATABASE OF SAFER TEXTILE AND LEATHER CHEMISTRY. 70 CHEMICAL COMPANIES LISTED IN A "PRE RELEASE" TESTING. THE MAIN FUNCTION IS TO CREATE A SHOPPING LIST FOR ZDHC MRSL COMPLAINT CHEMICALS AND TO MEASURE MRSL CONFORMANCE.
- THERE ARE DIFFERENT LEVELS OF DISCLOSURE FOR THE CHEMICALS LISTED IN THE GATEWAY, FROM 0-3. LEVEL 2 AND 3 INVOLVES THIRD PARTY ASSESSMENT



- <http://gateway.roadmaptozero.com/>



Ø ZDHC

Leading the Textile and Footwear Industries Towards Zero Discharge of Hazardous Chemicals

A challenge is to get third party hazard assessment of the alternatives we use!



SUMMARY

- WHAT FUNCTION IS NEEDED?
- INHOUSE COMPETENCE
- STEP WISE APPROACH IS OK!





THANK YOU FOR YOUR ATTENTION!

