



全球价值链研究院  
Research Institute for Global Value Chains



Environment  
and Trade Hub



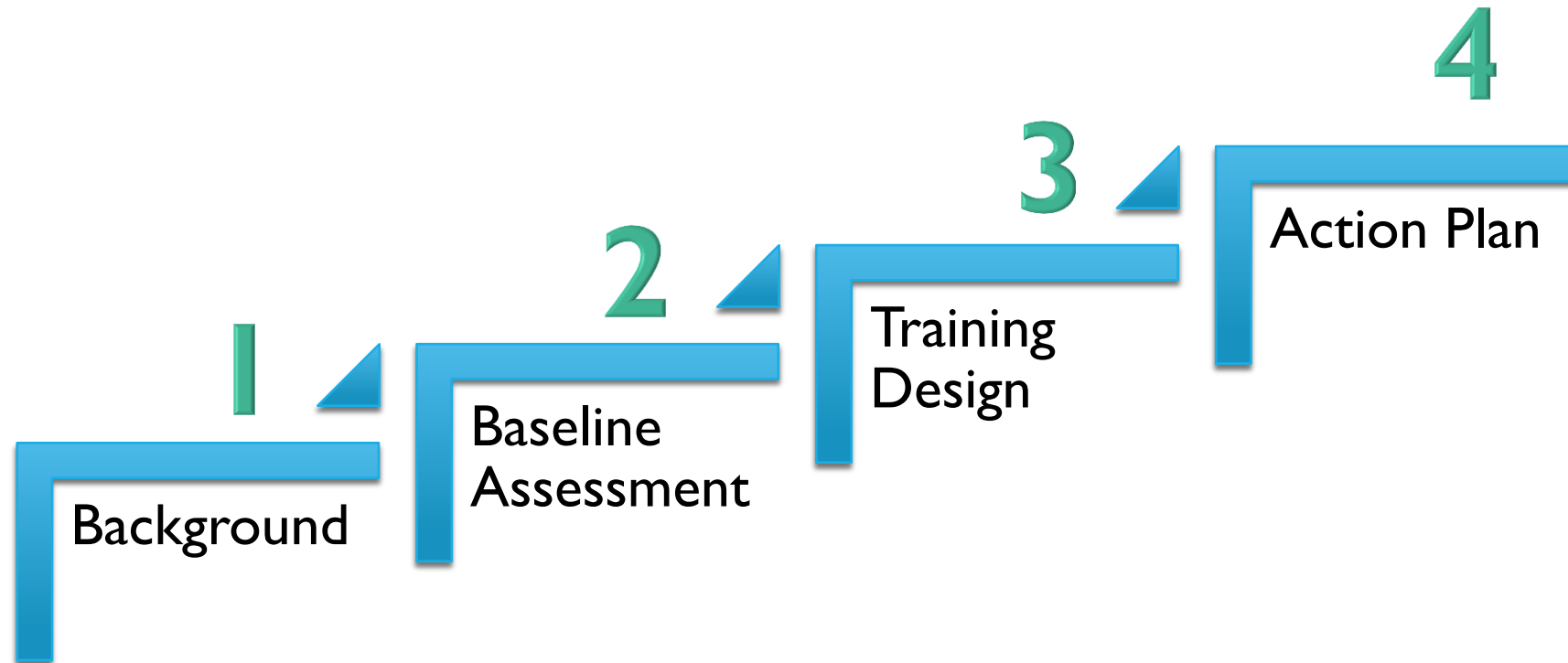
**PAGE** PARTNERSHIP FOR ACTION  
ON GREEN ECONOMY

# SUSTAINABLE TRADE AND GLOBAL VALUE CHAINS FOR TEXTILE PRODUCTS

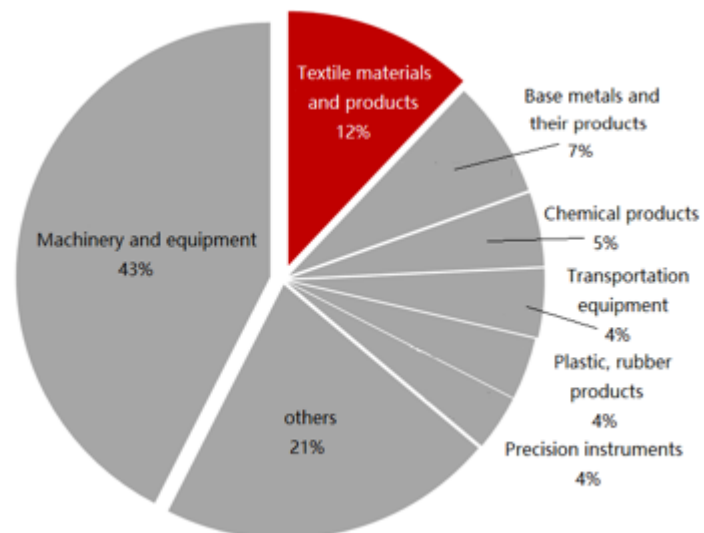
**Capacity Building Training in Jiangsu Province, China**

**Dr. Ran WANG**

# CONTENT



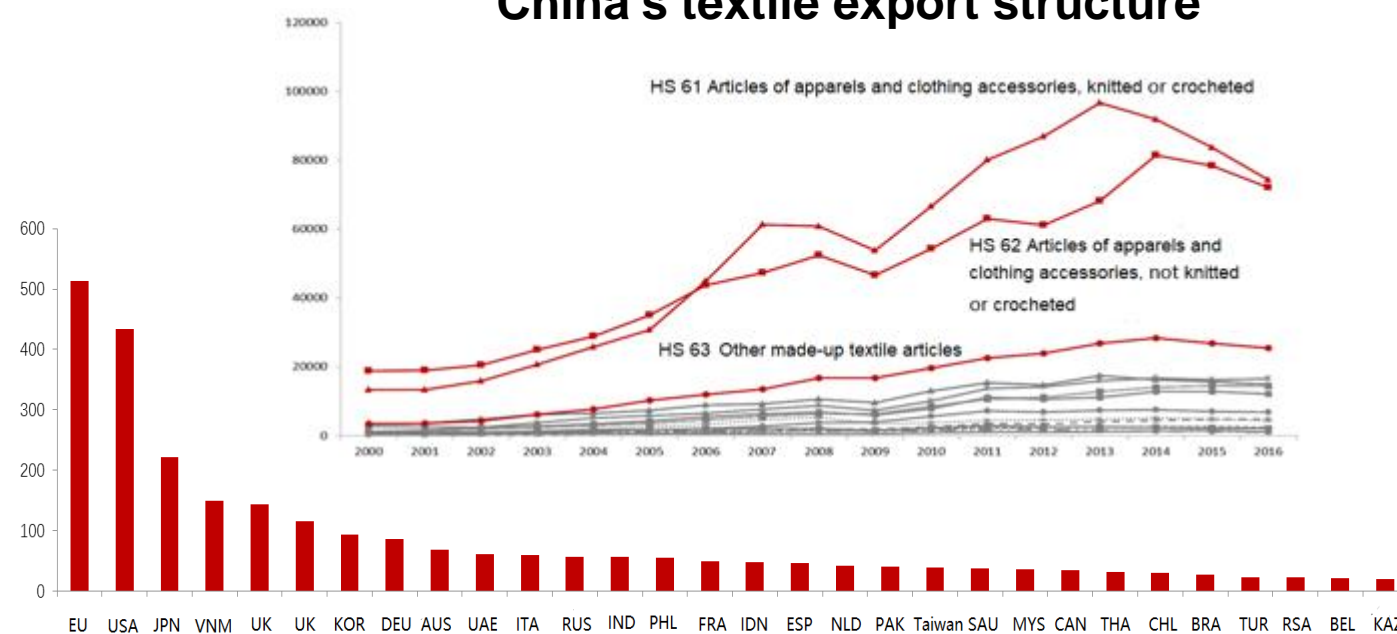
# BACKGROUND



**China's export structure in 2016**

*Data Resource: China Customs*

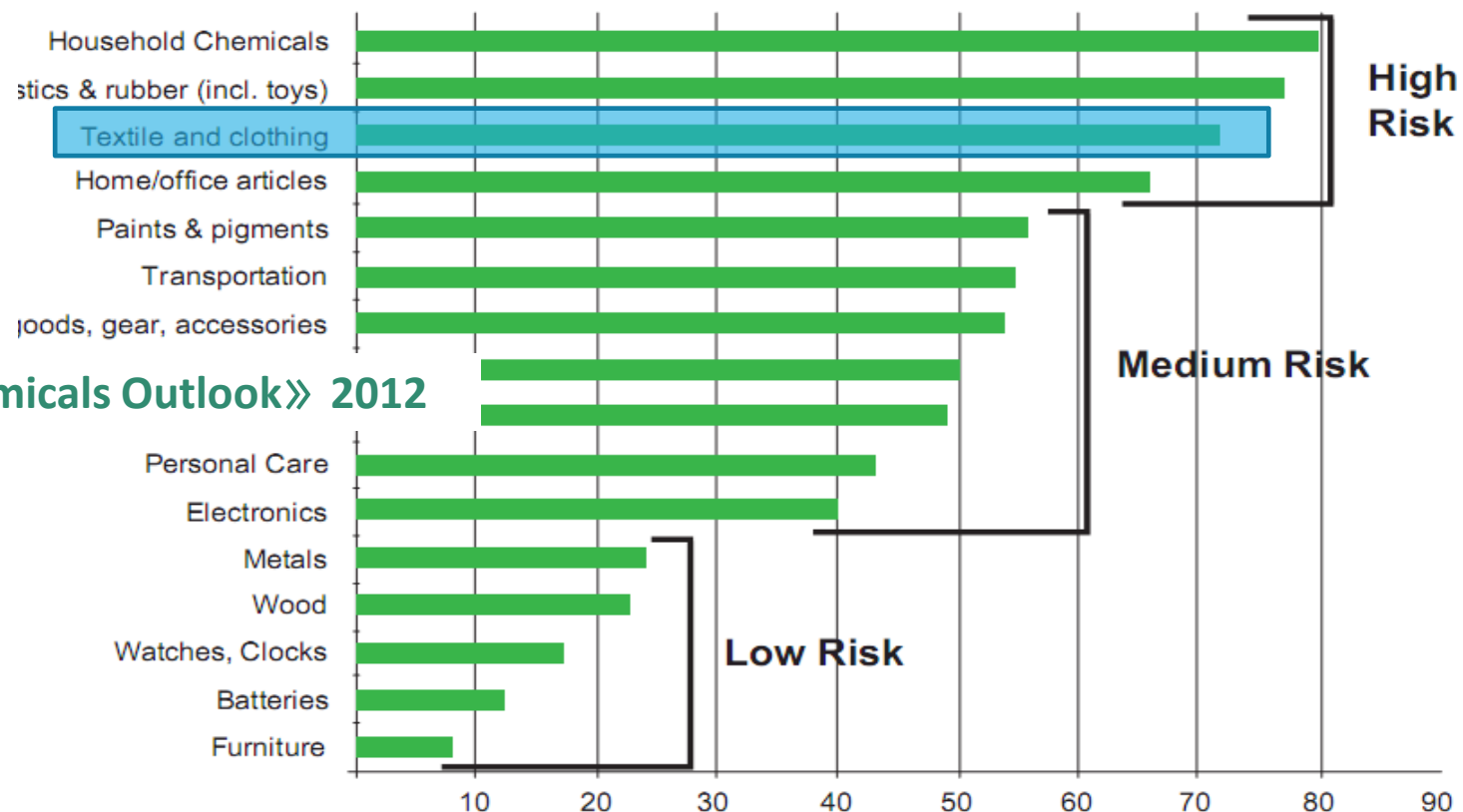
## China's textile export structure



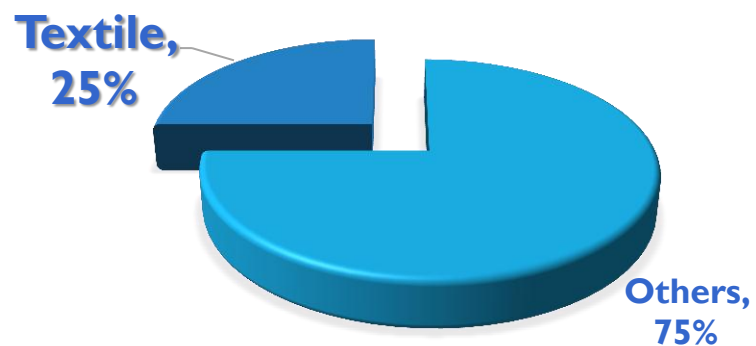
**China's textile trade partner structure in 2016**

# BACKGROUND

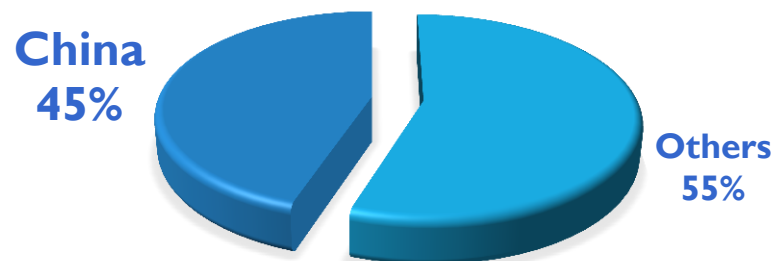
## Potential SVHCs in each product category



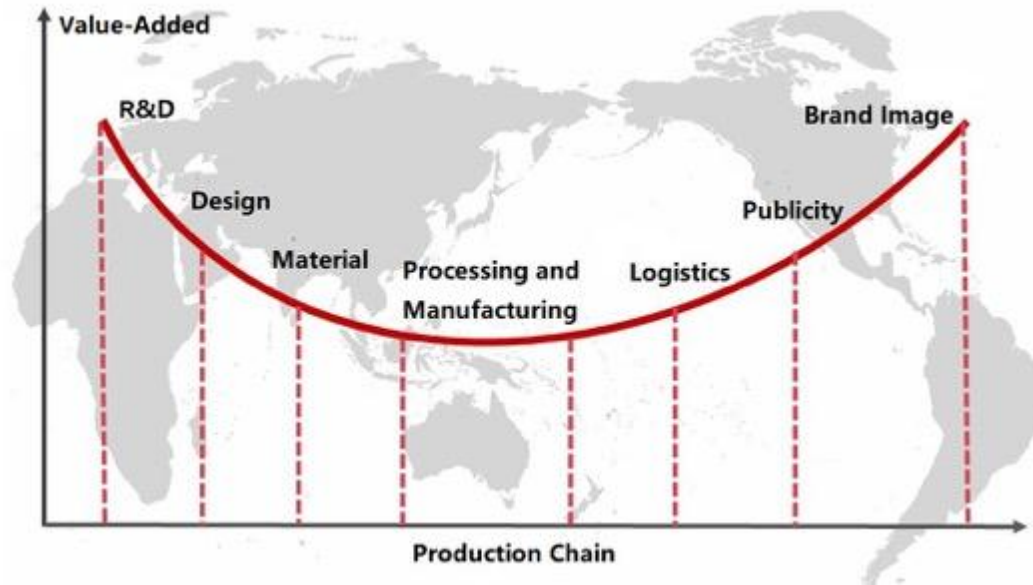
Source: MSCI ESG Research, ChemSec's SIN List 2.0 (May 2011)



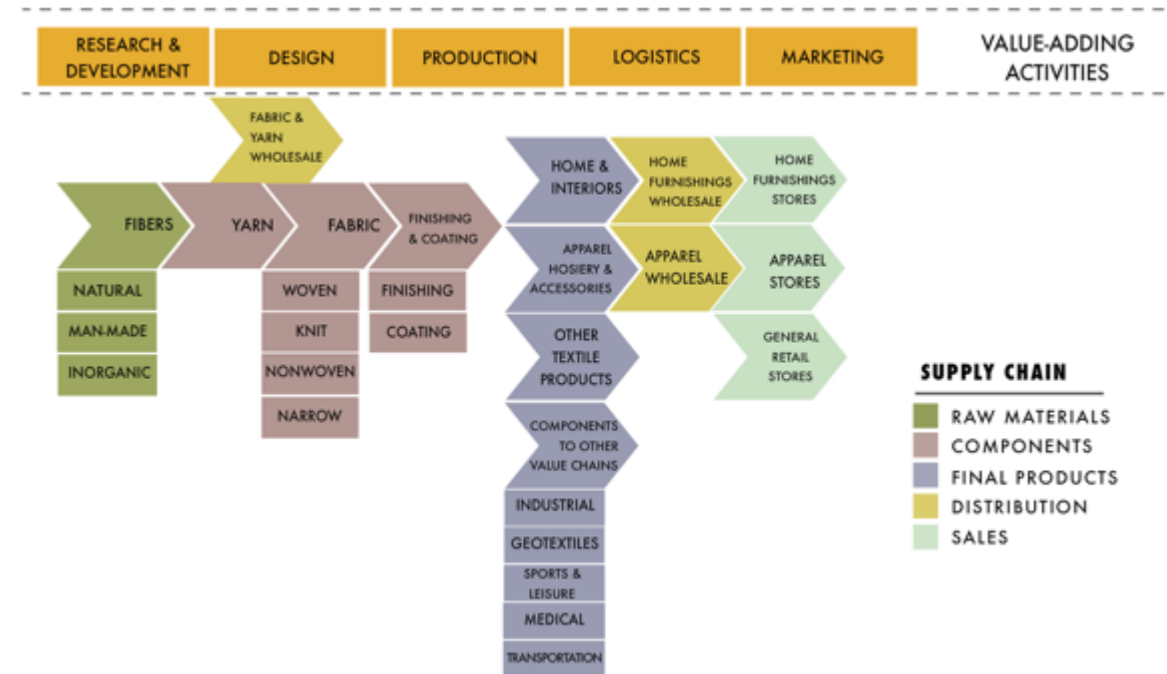
Chemicals Consumption UNEP, «Global Chemicals Outlook» 2012



# BACKGROUND

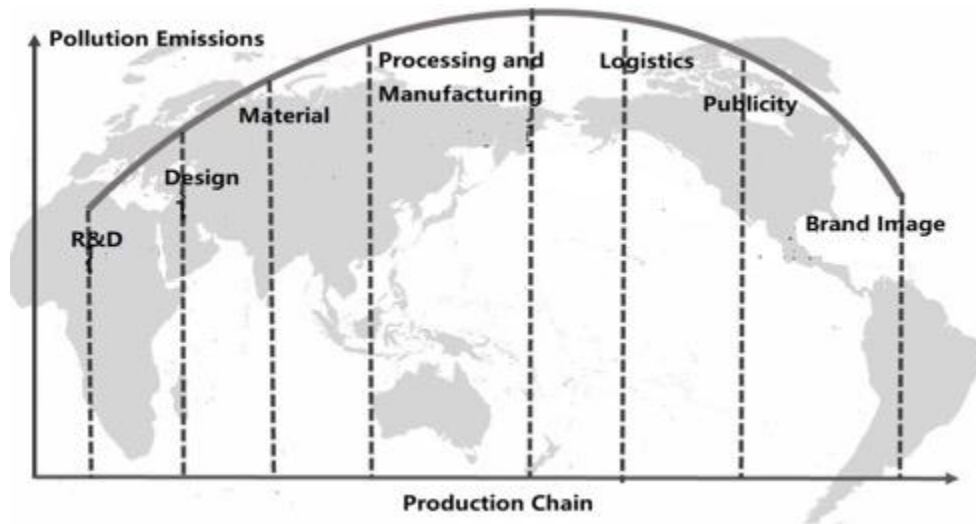


Value Chain of Textile & Apparel Industry (Smile Curve)

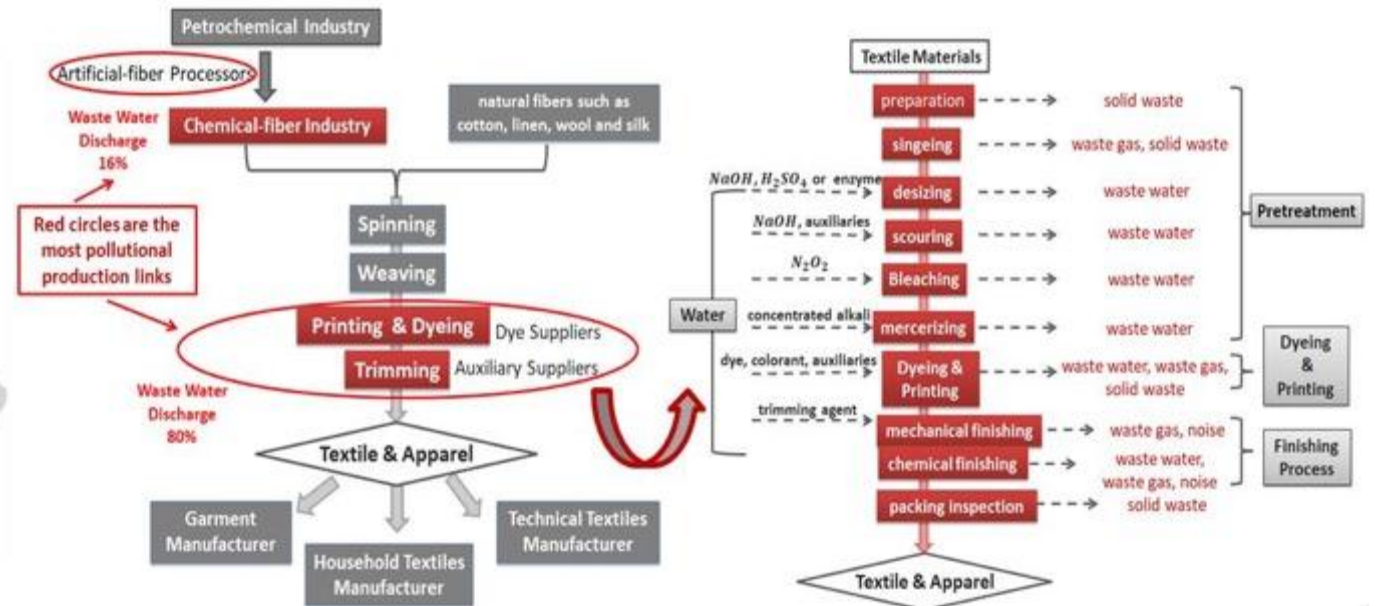


Textile & Apparel Value Chain Upgrading Process

# BACKGROUND

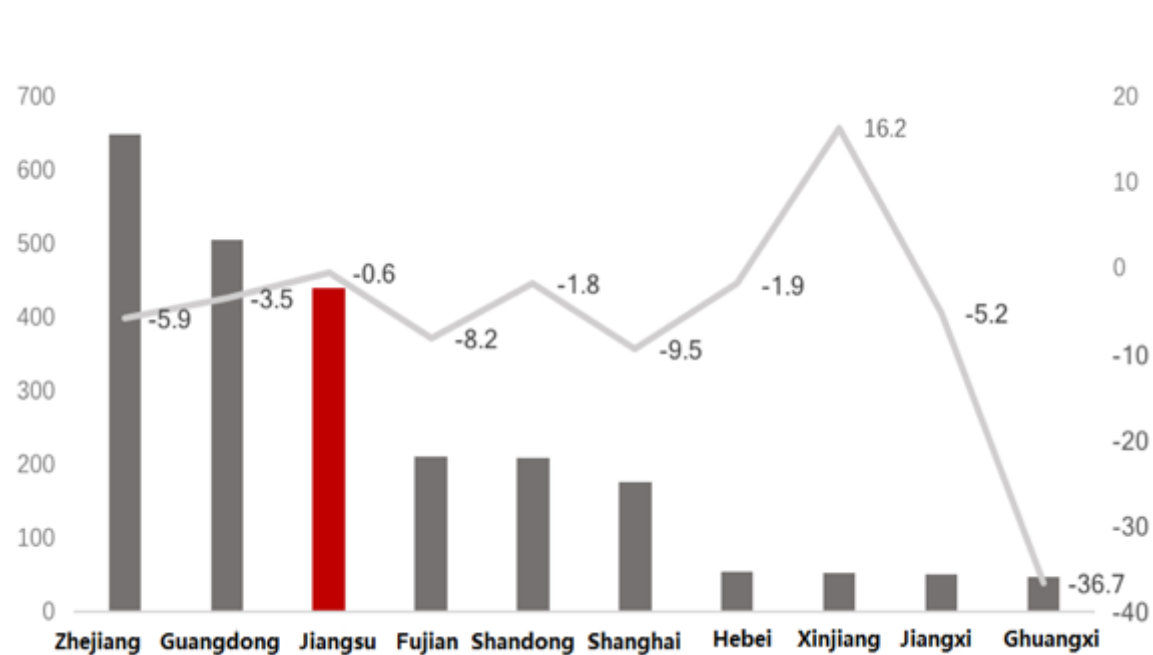


EKC Curve of Textile & Apparel Industry Production

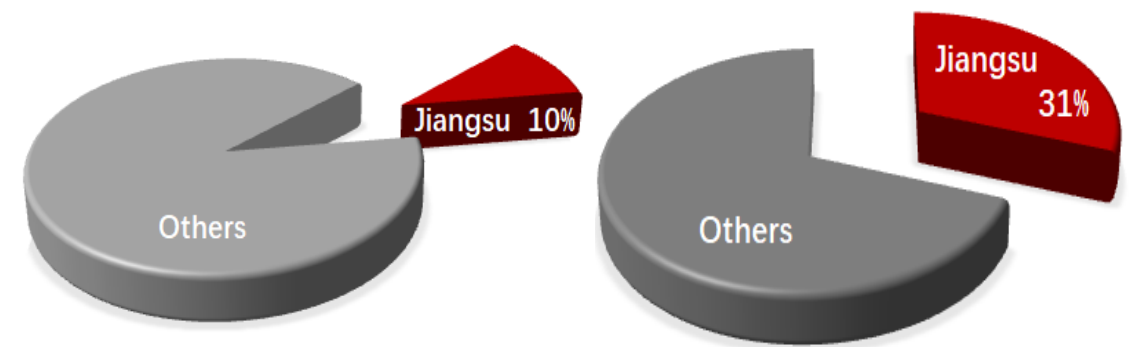


Textile & Apparel Production Process and Pollution Decomposition

# BASELINE ASSESSMENT

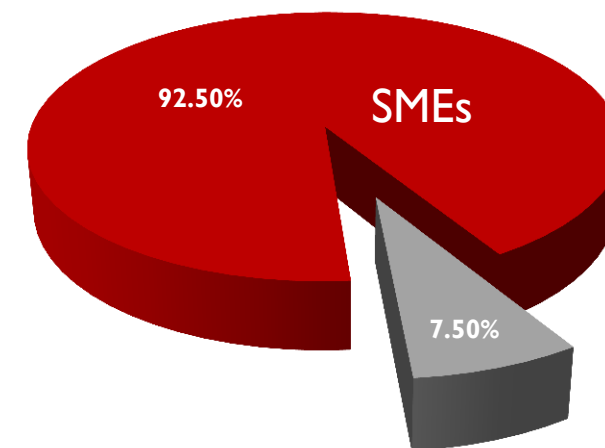


Textile exports of main provinces in 2016 (\$100 million)



Cloth Export, 2014

Chemical Fiber Export, 2014



## BASELINE ASSESSMENT

**29%** of the waste water

**26%** of the COD

**24%** of the NOx

(a) Domestic target customers	Low-end consumer market	Middle-level consumer market	High-end consumer market	No domestic, only export
	10%	63.33%	13.33%	13.33%
(b) The greatest advantage in comparison with similar domestic enterprises	Lower Price	Better Quality	Product Diversity	Others
	13.33%	50%	30%	6.67%
(c) Overseas target customers	Low-end consumer market	Middle-level consumer market	High-end consumer market	No export, only domestic
	16.67%	70%	10%	3.33%



# BASELINE ASSESSMENT



survey

Knowledge Gaps



survey

Capacity Gaps

# TRAINING DESIGN

- Session 1** Overview of current textile trade and value chains
- Session 2** Standards and Tools for Sustainable Textile Value Chains
- Session 3** Chemicals in textile value chains
- Session 4** Social aspects of textile trade
- Session 5** Water and energy use in textile value chains
- Session 6** Sharing of good practice



# TARGETED AUDIENCE



苏州恒润进出口有限公司  
SUZHOU HENGRUN IMPORT & EXPORT CORP. LTD.



Sunshinetex



# TRAINING FEEDBACKS



## BEST PRACTICE



"Internet+ manufacturing model" and sustainable development.

Uses eco-environmental raw materials in production and increases its investment in technical reform and equipment renewal, in an attempt to recycle industrial waste gas and to save energy and resources.



Holds the business philosophy of "green, ecological and harmonious", committed to improving resource utilization, exploring sustainable development model, building a resource-conserving and environment-friendly enterprises.

Makes significant achievements in energy conservation and emissions reduction by passing the ISO environmental management system certification and the European certification of green environmental protection.

# ACTION PLANS

**Government**

**Enterprise**

**Industry  
Association**

CONTACT INFO

Thanks!

[wangran@uibe.edu.cn](mailto:wangran@uibe.edu.cn)