



# An Introduction to The Sustainability Consortium

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# TSC Mission

TSC Structure and SMRS  
Paper, Pulp, and Forestry Working Group



# Measurement and reporting systems are crucial to progress in product sustainability but are coupled with an array of challenges.

## Today



Science is enabling an understanding of social and environmental impacts and benefits



Various corporate and social initiatives launched in attempt to address product sustainability



Global regulations are emerging with unpredictable metrics

## Challenges include

Lack of a harmonized measurement and reporting approach:

- Complexity driven by the vast variety of products
- No holistic view of the value chain
- No capability to credibly differentiate products based on sustainability
- Need for consistency and transparency in measurement and reporting



**The Sustainability Consortium (TSC) improves decision making for product sustainability throughout the entire product life cycle across all sectors.**



“Enabling the consumer goods industry to do things that matter about things that matter.”



## Vision

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To advance science to drive a new generation of innovative products and supply networks that address environmental, social, and economic imperatives



## Mission

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To design and implement credible, transparent and scalable science-based measurement and reporting systems accessible for all producers, retailers, and users of consumer products



# The Sustainability Consortium – an approach that drives impacts

Approach

1 Using a multi-stakeholder approach...



2 ... to create practical measurement tools...



3 ... that enable proactive innovation in sustainability...



4 ... and unlock value in the supply chain



Impact





TSC Mission

# **TSC Structure and SMRS**

Paper, Pulp, and Forestry Working Group

The Consortium is a global organization, with offices in the United States, and Europe and currently expanding operations into China...



To learn more about TSC in Asia, click [here](#).



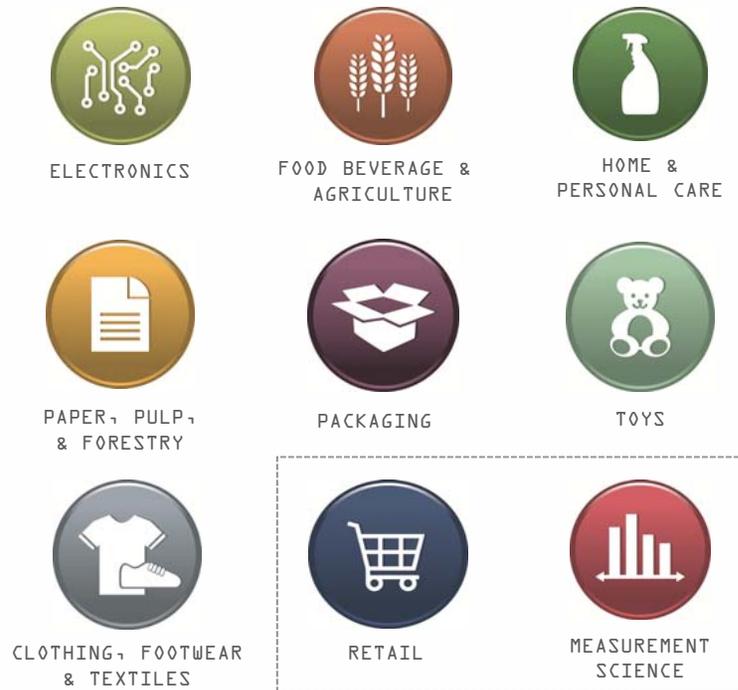
## TSC's multi-stakeholder approach allows for pre-competitive collaboration...



TSC's Board of Directors represent all stakeholder groups across several industries...



# TSC's working group structure focuses on major consumer goods sectors.



The Retail Consortium Working Group consists of Tier I retailer members

The Measurement Science Consortium Working Group consists of Tier I members



Four years ago, when I received an email from the wine team asking for an attribute in bulk shipping, **I would have spent two weeks on Google, and talking to people about wine, trying to understand if bulk shipping counted.** I probably would have told them no. My buyer would have sulked, given up on sustainability and we would have not made process in the wine category. **This year, I looked up the information in The Consortium's CSP's and KPI's.** I then checked this information against the supplier and wrote an email back that day approving the category.



Carmel McQuaid, Marks & Spencer



# The Sustainability Consortium is developing the Sustainability Measurement and Reporting System (SMRS)

## Why

Business decision makers need to **understand the critical sustainability issues** at a product category level and the associated improvement opportunities that are relevant and actionable for addressing these issues.

## Goal

Develop and execute a systematic, repeatable process for generating **category level information about critical sustainability issues and improvement opportunities.**

## Requirements

- Must be **science-based** and **transparent**
- Must be considered **credible** by internal and external stakeholders.
- Must be developed **quickly and at minimal cost.**
- Must be repeatable and **scalable** across all categories



# TSC category-level products have 3 major components...

## Category Dossier



Collection of evidence on product category and its supply chain, environmental and social hotspots, and improvement opportunities

## Category Sustainability Profile (CSP)



Synthesis of product sustainability knowledge and improvement opportunities

## Key Performance Indicators (KPIs)



Metrics / questions to measure and track product category sustainability



## ...to be used by buyers and suppliers to address product sustainability in a cost efficient way



**Hotspot:** Sustainability focused social and environmental high impact areas



# TSC's Innovation Projects expand beyond the measurement and reporting system...

## Electronics Working Group: End-of-Life Project

**Vision:** To develop a standard assessment for the effectiveness of product take back programs that:

- Holistically describes the final phase of life of electronic products, including reuse and refurbishment.
- Is applicable regardless of take back organization
- Accounts for the complexity of:
  - The supply chain downstream from the consumer
  - Successful product collection and treatment

## Food, Beverage, and Agriculture Working Group: Commodity Mapping Project

**Vision:** (insert here)

- Bullet point 1
- Bullet point 2
- Bullet point 3

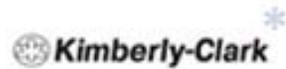


TSC Mission  
TSC Structure and SMRS

**Paper, Pulp, and Forestry Working Group**



# Paper, Pulp, and Forestry Working Group Overview



Forest  
Stewardship  
Council

NorComm

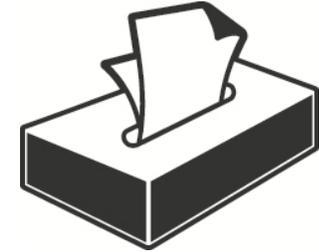
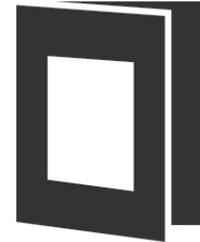


## Four goals:

1. Identifies product categories for sustainability research
2. Reviews TSC research and knowledge products
3. Assists in design of key performance indicators
4. Identifies focus areas for innovation projects



# Paper Product Category Research To-Date



## Pulp and Paper Manufacturing Issues

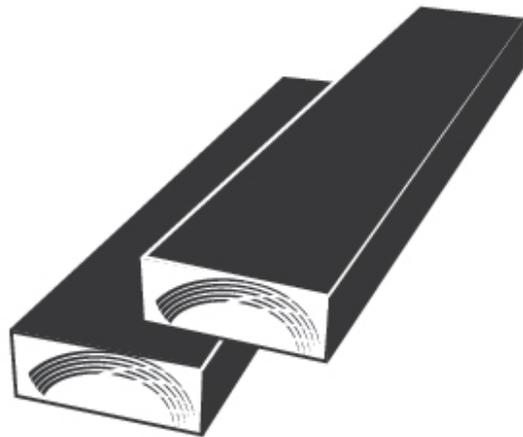
- Chemical Use and Wastewater Emissions
- Energy Consumption
- Greenhouse Gas and Air Emissions
- Water Consumption
- Worker Health and Safety

## Future Paper Categories:

- Sticky Notes/Stationary
- Books
- Magazines



# Wood Products Research To-Date



## Dimensional Lumber Manufacturing Hotspots

- Energy Consumption (Sawing)
- Energy Consumption (Drying)
- Worker Health and Safety

## Future Categories:

- Composite/Engineered Lumber:
  - Oriented Strand Board
  - Medium Density Fiberboard
  - Plywood



# Wood Sourcing Hotspots/Issues

- Community Rights
- Illegal Logging
- Land Transformation and Deforestation
- Soil Disturbance
- Worker Health and Safety
- Worker Rights
- Pesticide Application



# TSC's approach to certification

1. Market-based tools for driving traceability,
2. Do not advocate for specific certification programs,
3. Certification programs and their clients can work together for continuous improvement, and
4. Need to reward early actors AND incremental steps



## Elements of Wood Sourcing KPI's

**Goal: outline progressive actions a company can take to ensure sustainable wood sourcing**

- Corporate policies
- Internal risk assessments
- Working with suppliers
- A formal third-party audit or certification program
- Public disclosure
- On-the-ground analyses of specific issues



# Elements of Wood Sourcing KPI's

What percent of your wood supply is sourced in accordance with a certification program?

A. Unable to determine at this time.

B. Can report the percent of wood supply that is based on a credible certification program and can report the percent that is certified by one or more of the following:

\_\_\_% FSC

\_\_\_% PEFC (or PEFC endorsed certification systems)

\_\_\_% SFI

\_\_\_% Other





THE  
**SUSTAINABILITY  
CONSORTIUM**

*The Sustainability Consortium is legally administered by  
Arizona State University and University of Arkansas.*

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ARKANSAS

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For quality of life