

**BizNGO**  
**2018**

# Chemical Footprint Project: Demonstrating Leadership

## Moderator:

**Sally Edwards**, Lowell Center for Sustainable Production

## Panelists:

- **Cheri Peele**, Clean Production Action
- **Cristina Indiveri**, Vizient
- **Philip Ivey**, Milliken
- **Lauren Zulli**, Herman Miller





# Chemical Footprint Project (CFP) Survey

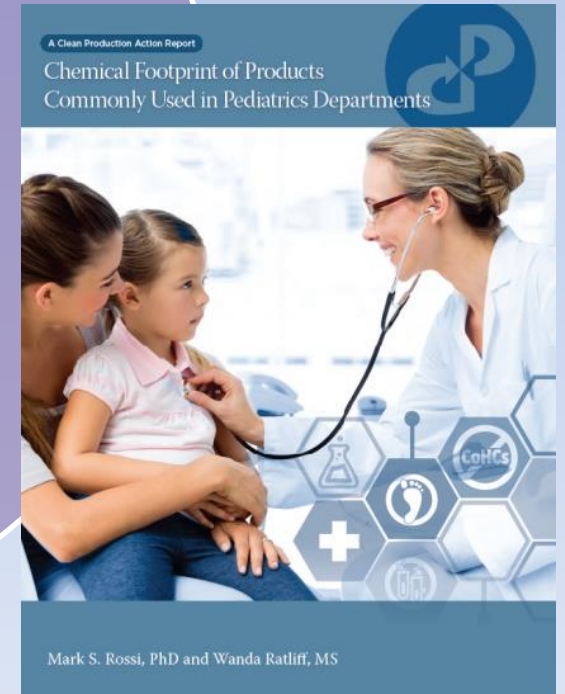
Cheri Peele

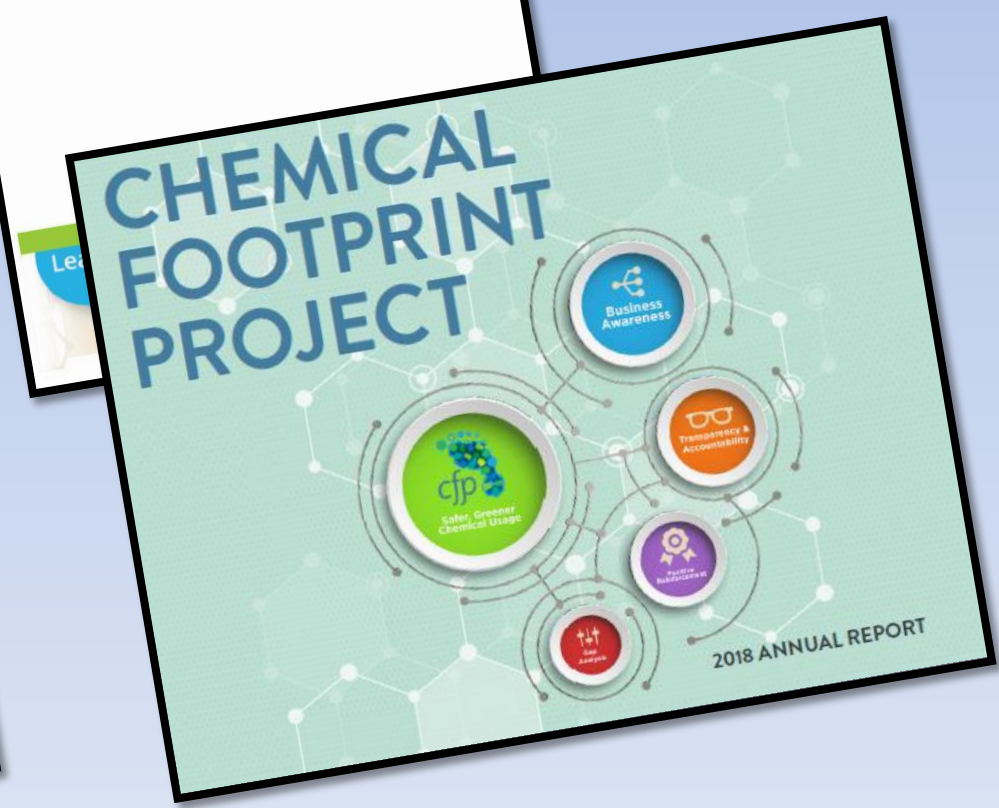
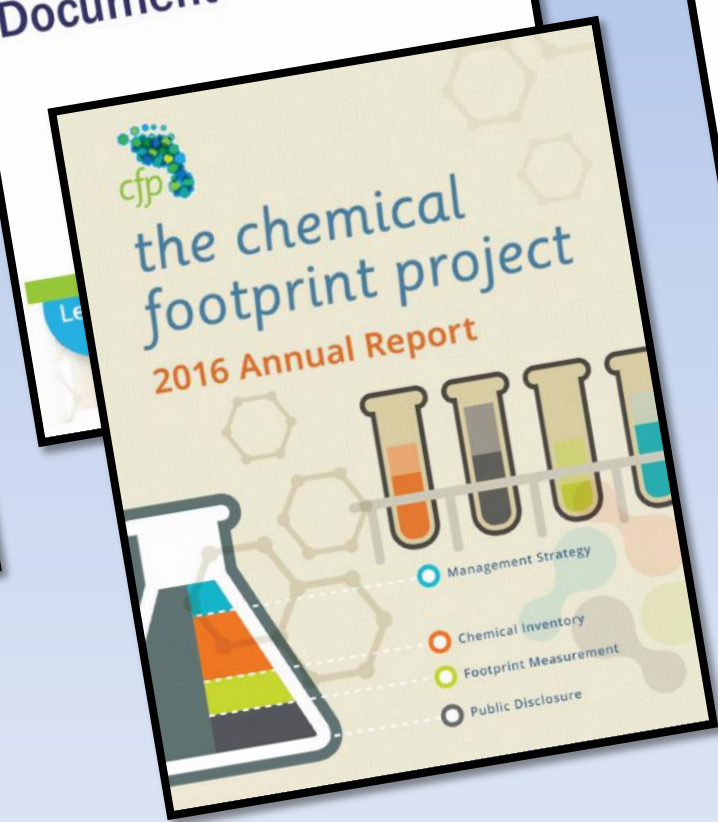
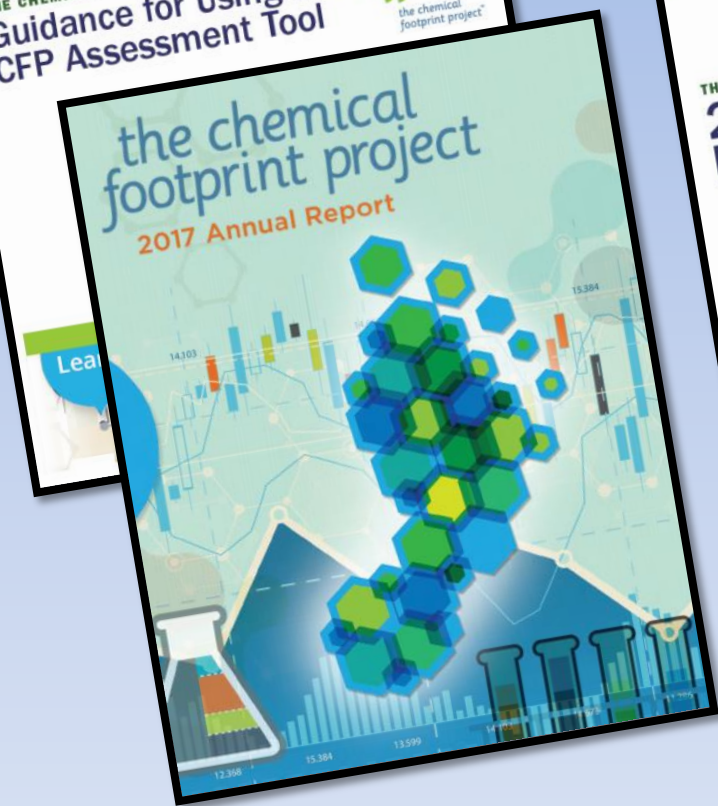
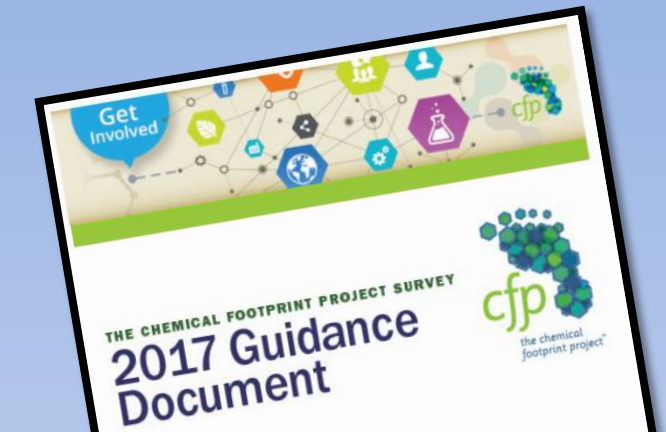
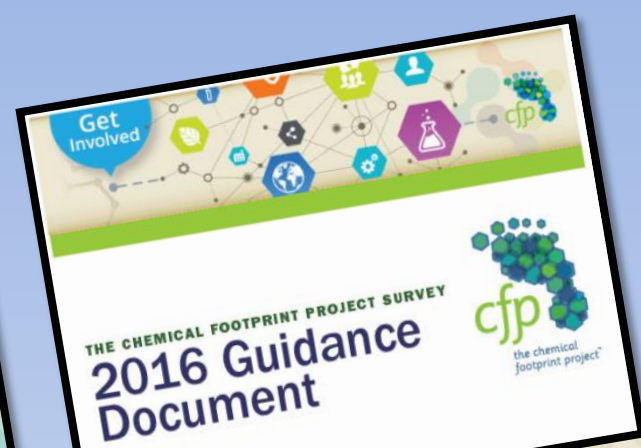
December 4, 2018

# Chemical Footprint Project (CFP)

CFP Survey

Chemical  
Footprinting





# CFP SIGNATORIES

Investors, Health Care, Governments, NGOs, and Retailers

## Signatories are:

- Investors with **\$2.78 trillion in assets** under management (AUM)
- Health care systems, group purchasing organizations, & retailers with **over \$700 billion in purchasing power**

## Investors include ...

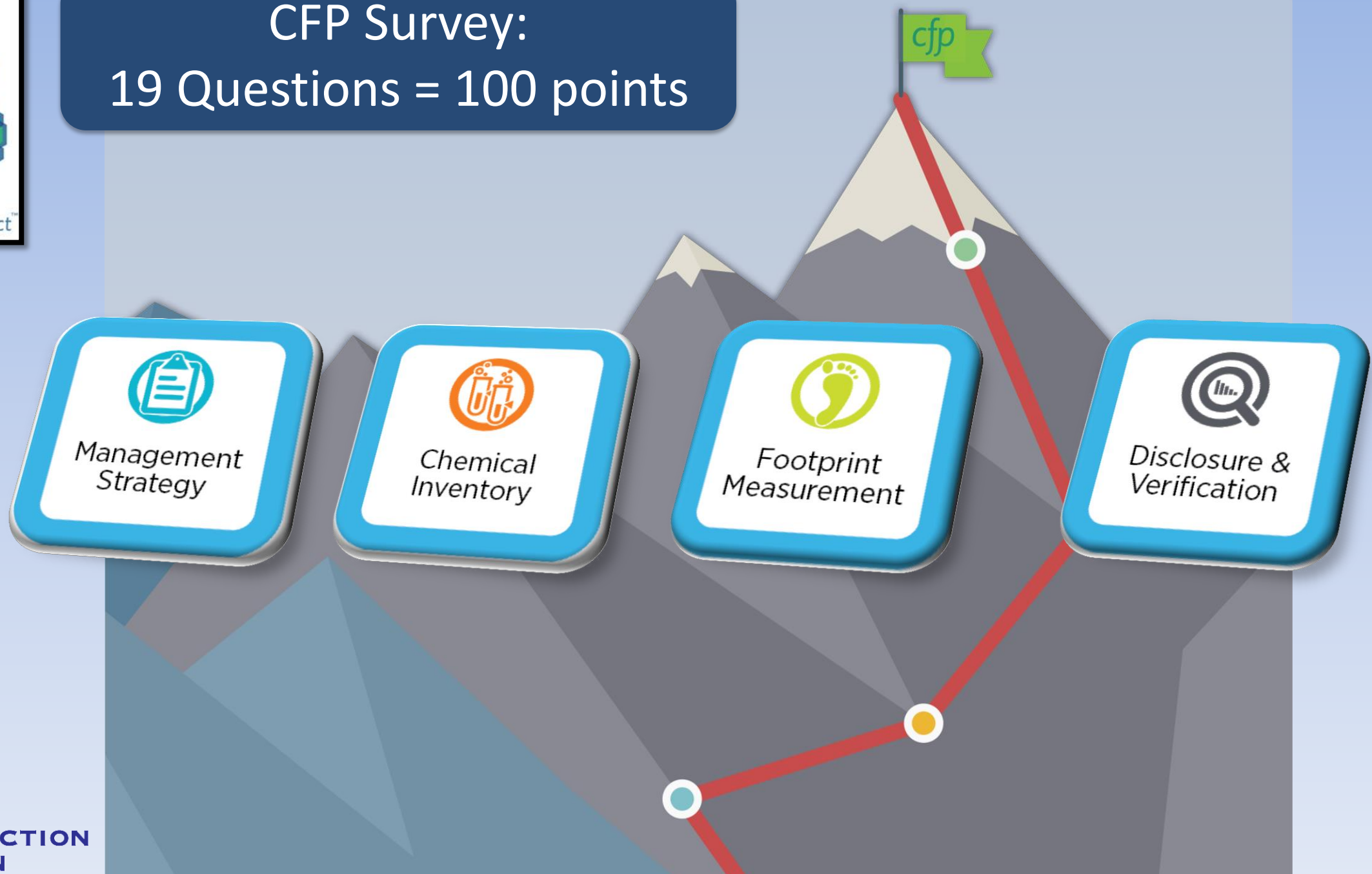
- Bank J Safra Sarasin
- BNP Paribas Investment Partners
- Boston Common Asset Management
- Calvert Research & Management
- Impax Asset Management
- Legal & General Investment Management
- Rhode Island Treasury
- The Sustainability Group of Loring, Wolcott & Coolidge
- Trillium Asset Management

## Health Care & Retail includes ...

- CVS Health
- Walmart
- Dignity Health
- Kaiser Permanente
- Vizient



# CFP Survey: 19 Questions = 100 points



# Participants in 2017 Survey

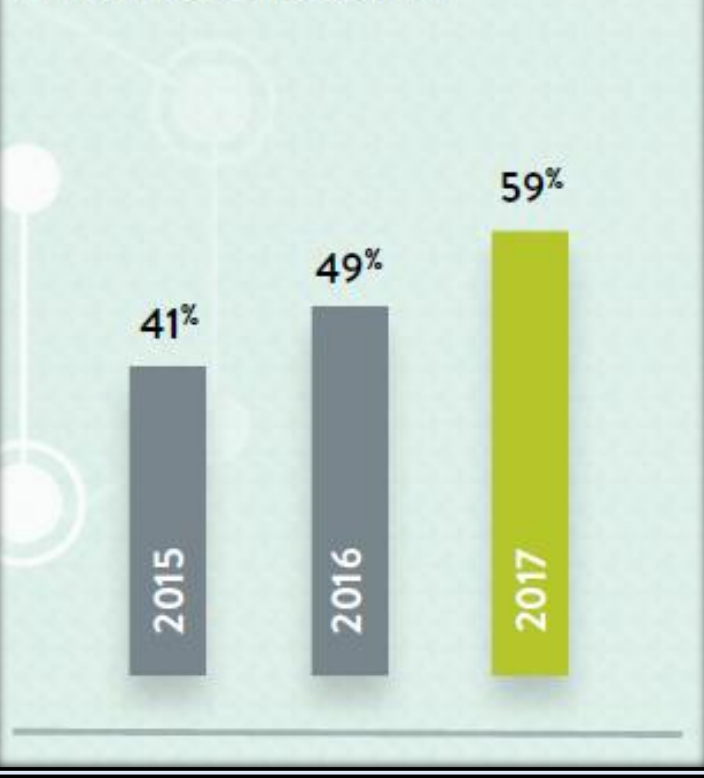


- **Apparel / Sporting Goods:** Burton, Levi Strauss & Co.
- **Building / Furnishings:** Construction Specialties, Herman Miller, Humanscale, Kimball Hospitality, Milliken, Naturepedic, Nora Systems
- **Cleaning / Personal Care:** Beautycounter, California Baby, Ecolab, GOJO Industries, Kimberly Clark, RB, Sealed Air Corp / Diversey, Seventh Generation
- **Medical devices/supplies:** BD, Case Medical, J&J
- **Technology:** HP Inc., Seagate Technology
- **Retail:** Walmart
- **Toys:** Radio Flyer

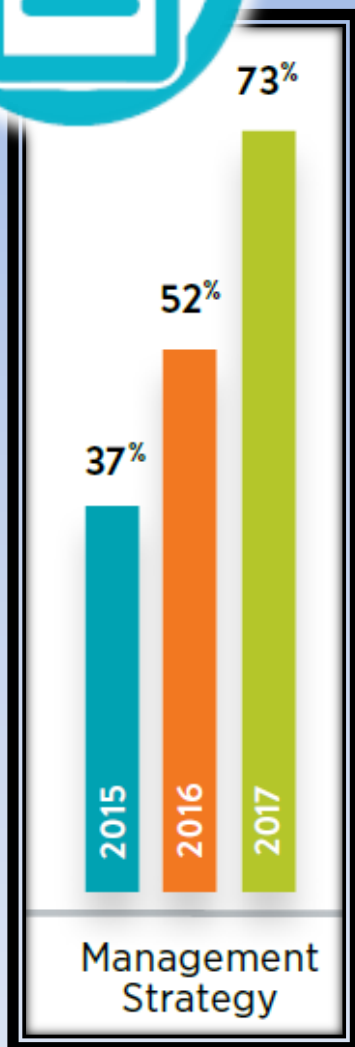
# KEY FINDINGS

## Scores on the rise

CFP Survey, 2015-2017: average score for all responders, percent of total possible points



- Companies selling formulated products are greater % of responders:
  - 21% in 2015
  - 63% in 2017



## Management Strategy Improvements

CFP Survey, 2015–2017: Management Strategy, Corporate Chemical Policies, percent of possible points scored for questions M1 & M2





## Full Chemical Ingredient info up 17%

CFP Survey, 2015–2017: Chemical Inventory, Full Chemical Ingredient Data, percent of companies and the percent of products for which they collect full chemical ingredient information, question I4



■ 0% ■ >0%–<50% ■ 50%–<75% ■ 75%–100%  
percent of products with full ingredient information

“Chemical Footprint”  
the total mass of chemicals  
of high concern (CoHCs) in:  
products,  
manufacturing operations,  
supply chains, and  
packaging.



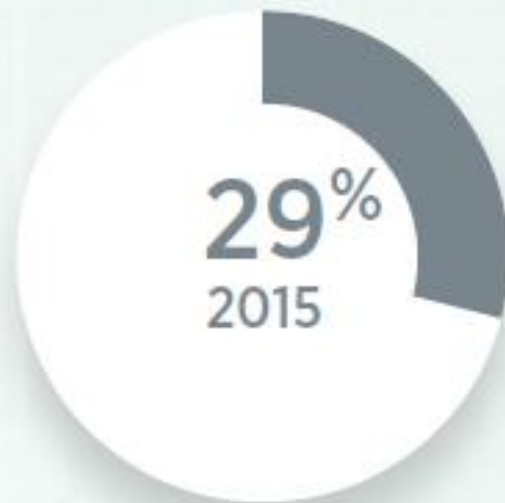
### **Chemical of High Concern (CoHC):**

- carcinogen, mutagen, or reproductive toxicant (CMR),
- persistent, bioaccumulative and toxic substance (PBT),
- any other chemical for which there is scientific evidence of probable serious effects to human health or the environment that give rise to an equivalent level of concern, or
- a chemical whose breakdown products result in a CoHC that meets any of the above criteria



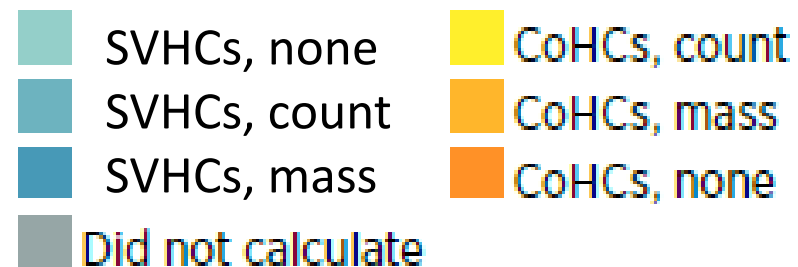
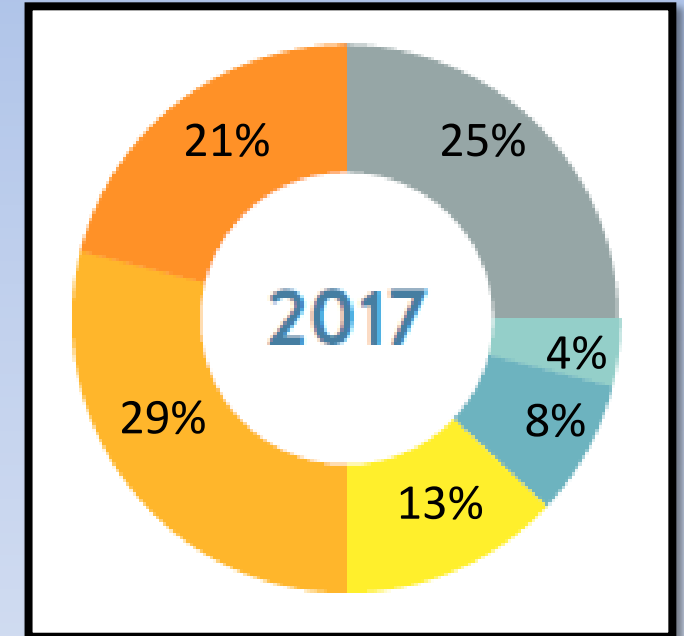
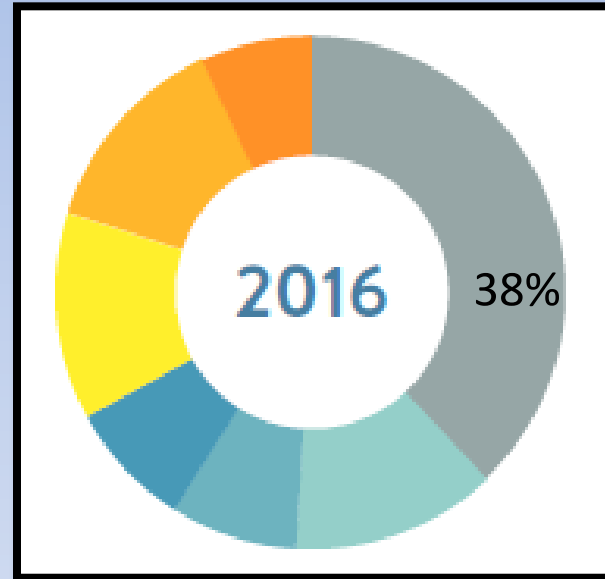
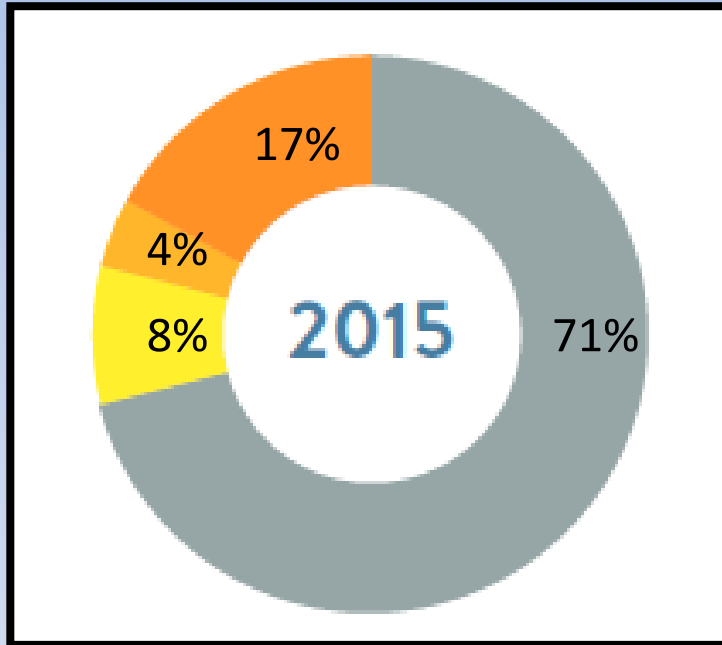
## Footprint calculations on the rise

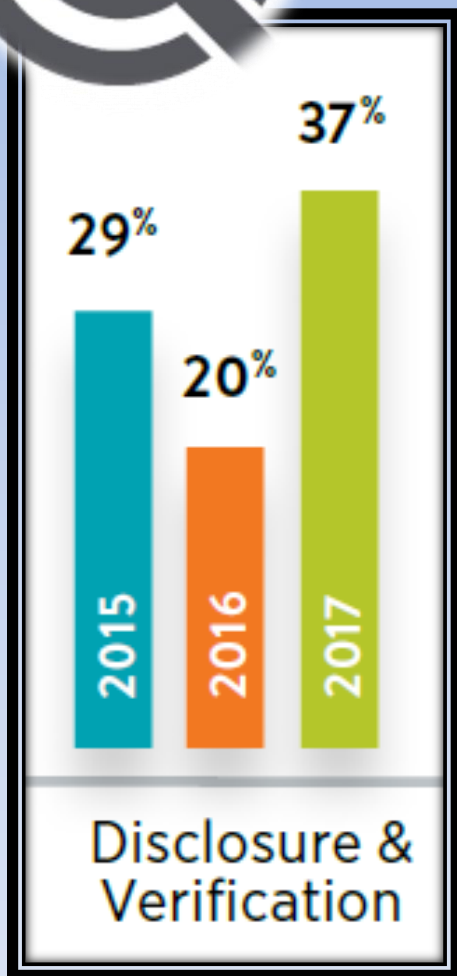
CFP Survey, 2015–2017: Footprint Measurement, Chemical Footprint, percent of companies measuring footprint, question F2





# Footprint Measurement (F2)





## Big steps in public availability

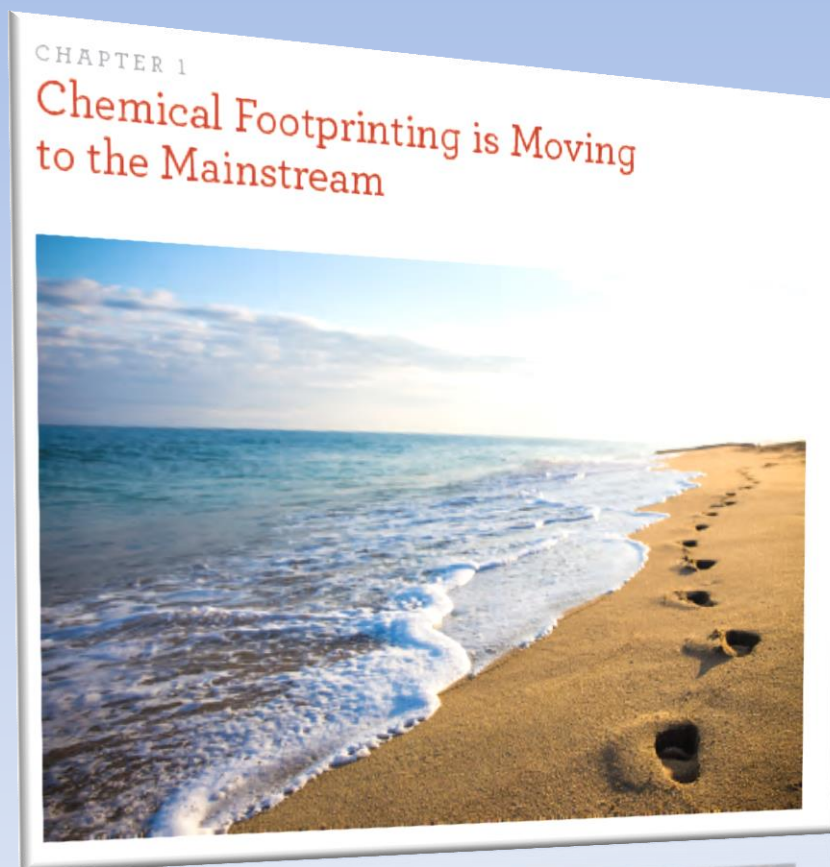
CFP Survey, 2015–2017: Disclosure & Verification, percent of companies disclosing responses or scores, questions D2 & D3



Companies publicly sharing answers +/- scores on [chemicalfootprint.org](http://chemicalfootprint.org):  
Beautycounter, BD, Case Medical, GOJO, Humanscale, LS&Co, Milliken,  
Naturepedic, Radio Flyer, Seagate Technology, & Seventh Generation



# Value of CFP Survey



- Common language
- Independent, comparative, & replicable
- Quantitative metric to measure progress
- Gap analysis
- Aligns with SDGs – 3, 6, & 12
- Public sharing of journey to environmentally sound management of chemicals



# Schedule

- Jan 2, 2019 Survey opens
- Jan – Feb, 2019 CFP webinar & classes
- Mar 31, 2019 Survey closes
- Q3 2019 Scores reported & Annual Report released



## Questions:

Cheri Peele

Senior Research Associate

Clean Production Action

[cheri@cleanproduction.org](mailto:cheri@cleanproduction.org)



# Environmentally Preferred Sourcing

Cristina Indiveri, MS  
Senior Director, Environmentally Preferred Sourcing

**vizient**<sup>TM</sup>

# What is a GPO - Group Purchasing Organization?

**Volume of U.S.  
health care  
purchases  
through GPOs**

**\$200B<sup>YR</sup>**  
**\$100B** Through Vizient

**97%**

U.S. hospitals  
belong to at least  
one GPO

**72 - 80%**

U.S. hospitals' non-  
labor purchases are  
made through a GPO

**\$392B - \$864B**

Estimated GPO savings  
in the U.S. between 2013 - 2022

# Vizient — Who We Are

- **Largest member-driven health care performance improvement company in the country**
- 

Innovative data-driven solutions, expertise and collaborative opportunities that lead to improved patient outcomes and lower costs

# Who We Serve

Health system  
members

3,100

Academic  
medical centers

95%

Acute care  
hospitals

50%

Ambulatory  
clinics

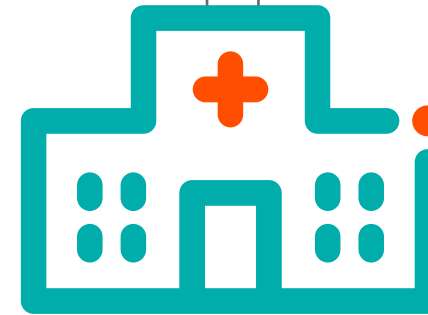
20%

Best  
hospitals

TOP 15

Best children's  
hospitals

8 of 10



– U.S. News &  
World Report  
2017-2018

Annual spend

\$100B

\$200B

U.S. health care  
purchase volume  
through GPOs

# Vizient's EPS Program positively contributes to human and environmental health by enabling responsible sourcing decisions

Vizient offers the broadest, most cost-effective portfolio of environmentally preferred products in the industry



# Standardized Environmental Preferred Attributes



Effective October 2017, completion of EP attributes requested in the RFP became an element of the non-financial criteria in all bids. In select bids, additional points will be considered when the supplier answers in the positive for attributes.

EU Rohs Directive	Bisphenol A (BPA)	Polyvinyl Chloride (PVC)	Bromine A & Chlorine Based Compounds	Phthalates (including DEHP)	Reuse - Product
Antimicrobial/ Antibacterial agents	Persistent, Bioaccumulative and Toxic Chemicals (PBTs)	Flame Retardants	Metals	Perfluorinated Chemicals (PFCs)	Does Not Create Hazardous Waste Product
10% or More Post Consumer Recycled Content - Product	Recyclability - Product	Recycled Content – Primary Packaging	Product Packaged without Polystyrene	Forest Stewardship Council	Consumer Friendly Recycling Labels
Mercury	Natural Rubber Latex	Chemical Inventory	Prop 65 Chemicals	Chemical Abstracts for Prop 65 Chemicals	

# New EPS Catalog Capabilities

The screenshot displays the VIZIENT EPS Catalog interface. On the left, there are three filter sections: 'Distribution Method' with options 'Distributed Only (18...)', 'Direct Only (12)', and 'Both (333)'; 'Portfolio' with checkboxes for 'MEDICAL PRODUCTS...', 'FACILITIES MANAGE...', 'CAPITAL EQUIPMEN...', 'SURGICAL PRODUCT...', and 'CARDIOLOGY (1)'; and 'Strategic Programs' with checkboxes for 'NOVAPLUS (2)', 'Preferred Pediatric (51)', 'Environmentally Preferred' (checked), and 'Impact'. The 'Environmentally Preferred' section is expanded, showing a list of attributes: 'Antimicrobial/Antibacterial Agents (Intentially Added)', 'Bromine and Chlorine Free', 'Chemical Ingredients', 'EU RoHS', 'Free of Perfluorinated Chemicals (PFCs)', 'Bioaccumulative And Toxic Chemicals (PBTs)', 'Mercury Free', 'PVC Free', 'Primary Packaging Recyclable%', 'BPA Free', 'CA Proposition 65 Compliant', 'Consumer Friendly Recycling Label', 'Flame Retardant Free', 'Free of Persistent', 'Latex Free', 'Non-Hazardous Waste', 'Phthalates Free', and 'Secondary Post Consumer Recycled Content (Packaging)'. The main catalog area shows a list of products, including 'ULTRACASSMD1', '92959', 'DIAPER ADULT MEDIUM CLOTHLIKE', 'Diaper Underjams Jumbo L-XL', 'T SMALL', 'T XLARGE', 'T MEDIUM', 'T LARGE', 'T LARGE', 'T BARIATRIC', 'DIAPER ADULT MEDIUM', 'DIAPER ADULT XXLARGE TO XXXLARGE', 'DIAPER ADULT XLARGE', 'DIAPER ADULT LARGE REUSABLE', and 'DIAPER ADULT SMALL'. A download icon is visible in the top right corner.

**Distribution Method**

- ☐ Distributed Only (18...)
- ☐ Direct Only (12)
- ☐ Both (333)

**Portfolio**

- ☐ MEDICAL PRODUCTS...
- ☐ FACILITIES MANAGE...
- ☐ CAPITAL EQUIPMEN...
- ☐ SURGICAL PRODUCT...
- ☐ CARDIOLOGY (1)

[Show All](#)

**Strategic Programs**

- ☐ NOVAPLUS (2)
- ☐ Preferred Pediatric (51)
- ☒ Environmentally Preferred
- ☐ Impact

**Environmentally Preferred**

- Antimicrobial/Antibacterial Agents (Intentially Added)
- Bromine and Chlorine Free
- Chemical Ingredients
- EU RoHS
- Free of Perfluorinated Chemicals (PFCs)
- Bioaccumulative And Toxic Chemicals (PBTs)
- Mercury Free
- PVC Free
- Primary Packaging Recyclable%
- BPA Free
- CA Proposition 65 Compliant
- Consumer Friendly Recycling Label
- Flame Retardant Free
- Free of Persistent
- Latex Free
- Non-Hazardous Waste
- Phthalates Free
- Secondary Post Consumer Recycled Content (Packaging)

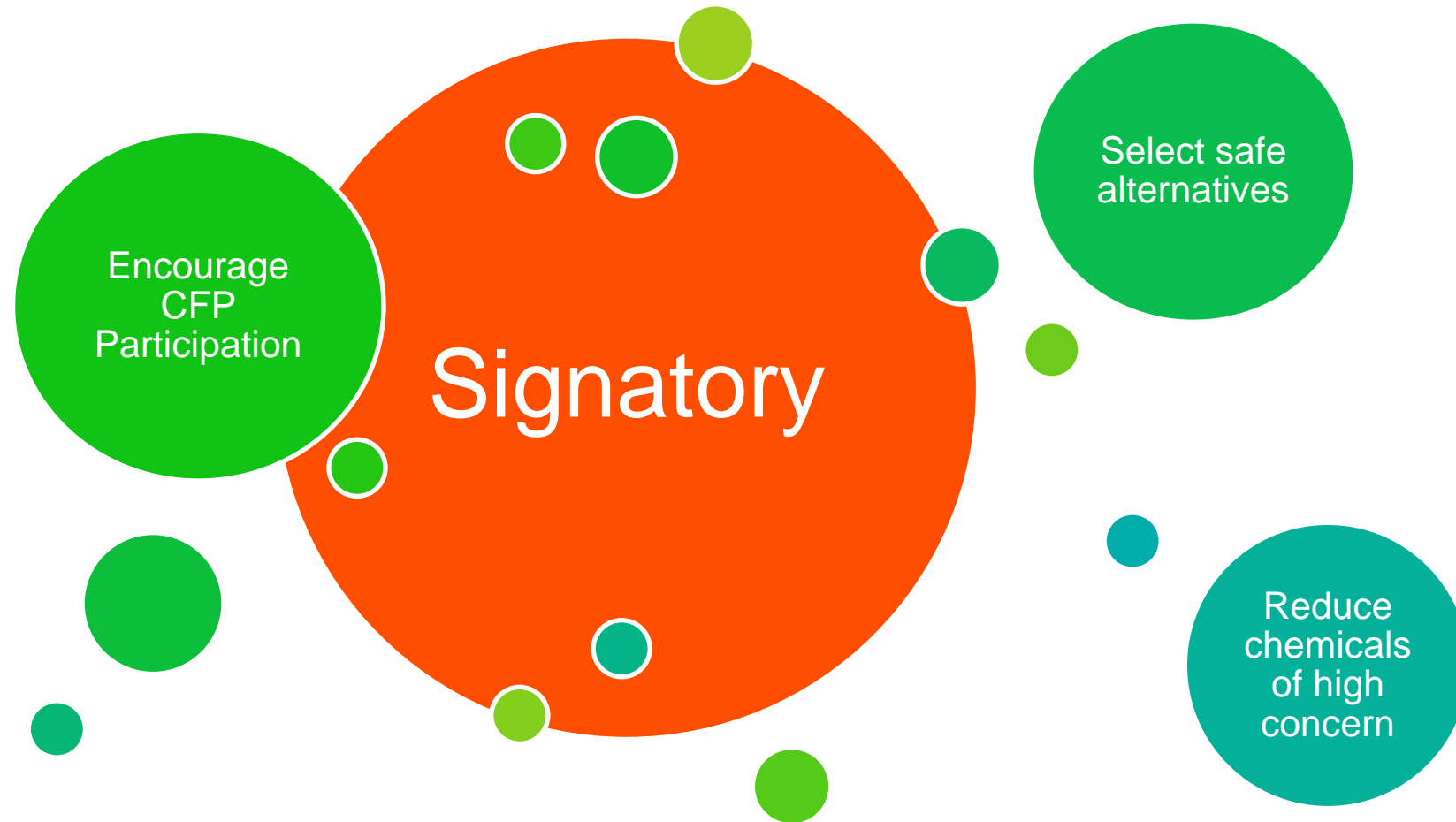
**Product Listings:**

Product Name	SKU
ULTRACASSMD1	MS3022
92959	MS3701
DIAPER ADULT MEDIUM CLOTHLIKE	MS3022
Diaper Underjams Jumbo L-XL	MS3701
T SMALL	MS03822
T XLARGE	MS5613
T MEDIUM	MS03822
T LARGE	MS03822
T LARGE	MS3022
T BARIATRIC	MS3022
DIAPER ADULT MEDIUM	MS3021
DIAPER ADULT XXLARGE TO XXXLARGE	MS3021
DIAPER ADULT XLARGE	MS3021
DIAPER ADULT LARGE REUSABLE	MS3021
DIAPER ADULT SMALL	MS3021

# Leading the GPO Industry

- Vizient persuaded HGPII to create new EPS questions in 2018 GPO Public Accountability Questionnaire
- Call to utilize one standard set of environmentally preferred attributes for medical/surgical products across the industry
  - Vizient first adopted Kaiser Permanente's environmentally preferred attributes
  - Premier then instituted the same environmental attributes
  - Numerous GPO's such as ROi, HPS and HealthTrust requested attributes from Vizient
- Next steps: collaborate with HGPII working group to facilitate adoption of attributes and create transparency within industry

# Vizient's Collaboration with CFP





**Cristina Indiveri, MS Senior Director, Strategic Programs**

**[Cristina.Indiveri@vizientinc.com](mailto:Cristina.Indiveri@vizientinc.com)**

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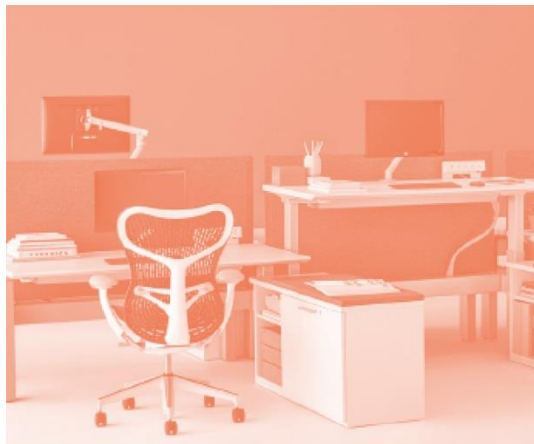
**Better World**

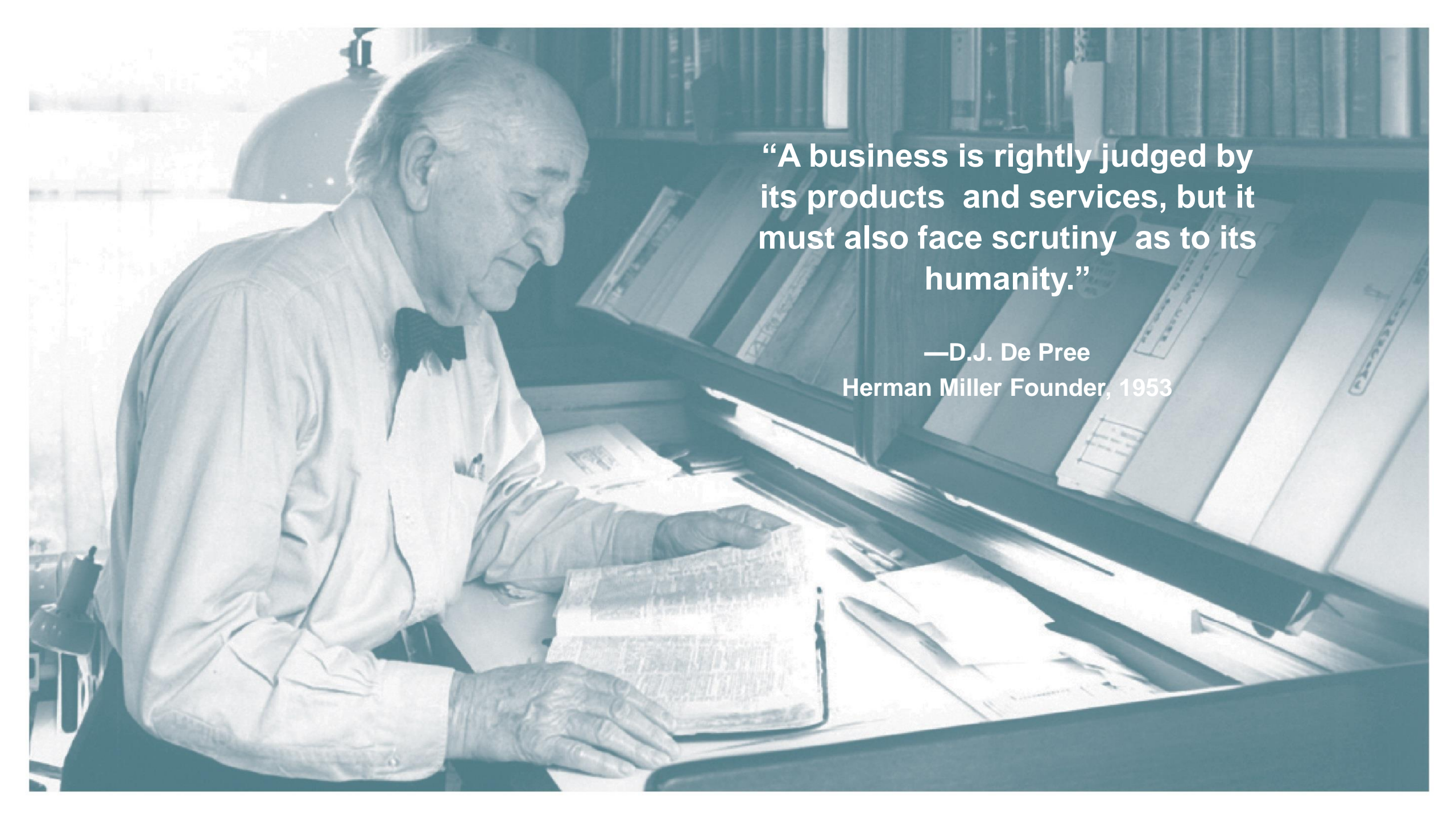




## Creating Great Spaces

**Our environments can meet the needs of every place and every space—wherever people work, learn, heal, and live.**



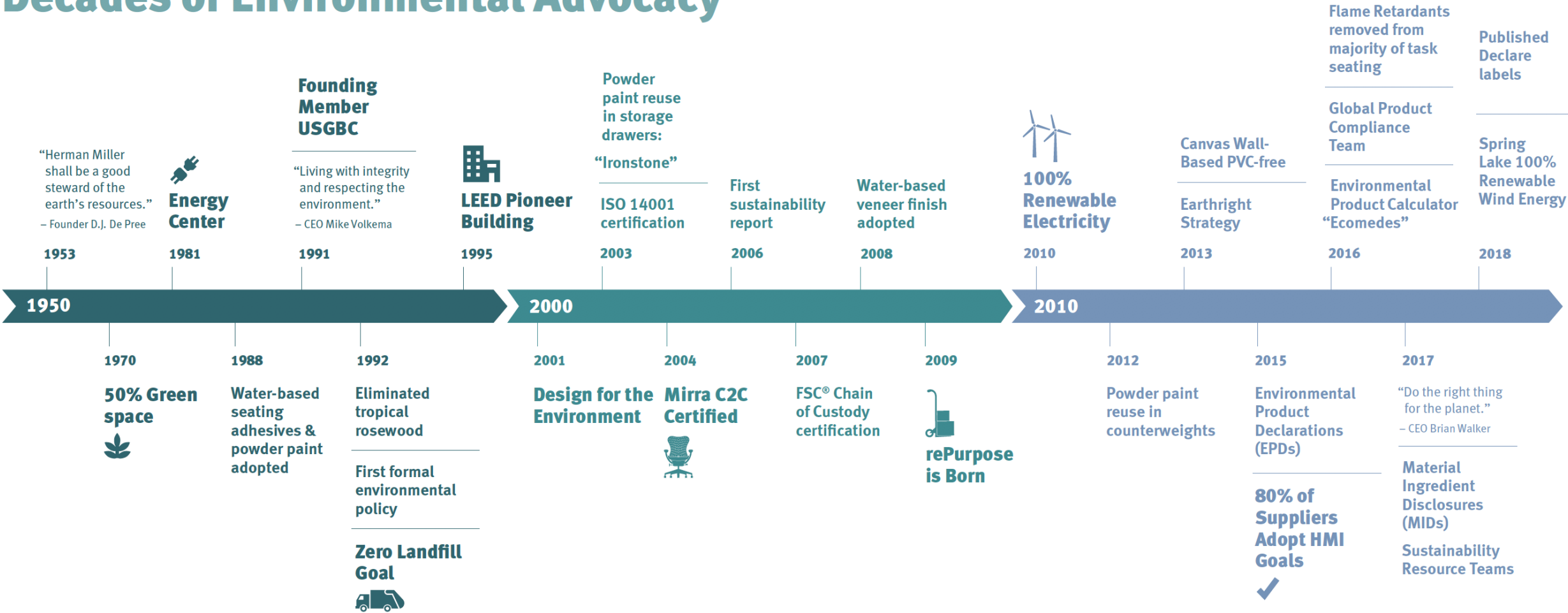


**“A business is rightly judged by  
its products and services, but it  
must also face scrutiny as to its  
humanity.”**

**—D.J. De Pree  
Herman Miller Founder, 1953**



# Decades of Environmental Advocacy







# Sustainability

## Chemical Footprint Project

100+ Year Commitment

Milliken™

# Who We Are: More than carpet... a community of innovators



You come into contact with a Milliken product up to 50 times a day



## 52 manufacturing facilities:

Located in the U.S, U.K, Belgium, France, China and Australia.

## 5 Continents:

Sales and service operations throughout the Americas, Europe, Asia, & Australia.

**Milliken's over 7,000 associates** work to create entirely new customer experiences, build for the future and create products that do good for the world.

# Our Values



A strong foundation of safety forms an integral part of who we are.

Milliken has been recognized as one of the Safest Companies in America 3 Consecutive Times by EHS Today®

Milliken is the 1<sup>st</sup> 3 time winner resulting in an inaugural induction into America's Safest Companies Hall of Fame.

**Recognized for 15 consecutive years.**



A strong foundation of quality, ethics & environmental responsibility forms an integral part of who we are.



Milliken has been recognized as one of the  
World's Most Ethical Companies by *Ethisphere*™  
*Magazine* every year since the first list in 2007.  
Now 12 consecutive years.



# A Holistic Approach to Sustainability (Triple Bottom Line)

Milliken™



# Small Group Questions

- *What value do you find in the CFP Survey and the chemical footprint metric?*
- *How can BizNGO best support your organization's efforts to advance chemical footprinting?*
- *What are your suggestions for increasing company participation in CFP?*  
(strategies used to date: requests by investors and health care organizations, focused outreach to industry sectors, recognition for participation, detailed guidance for answering survey)

