

The Business Value of Chemical Footprinting

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You can't manage what you don't measure

Founded in 2015 to measure corporate progress towards safer chemicals

CFP assesses overall corporate chemicals management performance through a 20 question survey that examines:

- 1. Management Strategy
- 2. Chemical Inventory
- 3. Footprint Measurement
- 4. Public Disclosure and Verification







Steering Committee



















Investor Environmental Health Network

HEALTHY PEOPLE, ... HEALTHY BUSINESS







the chemical Footprint Definition Chemical Footprint Definition

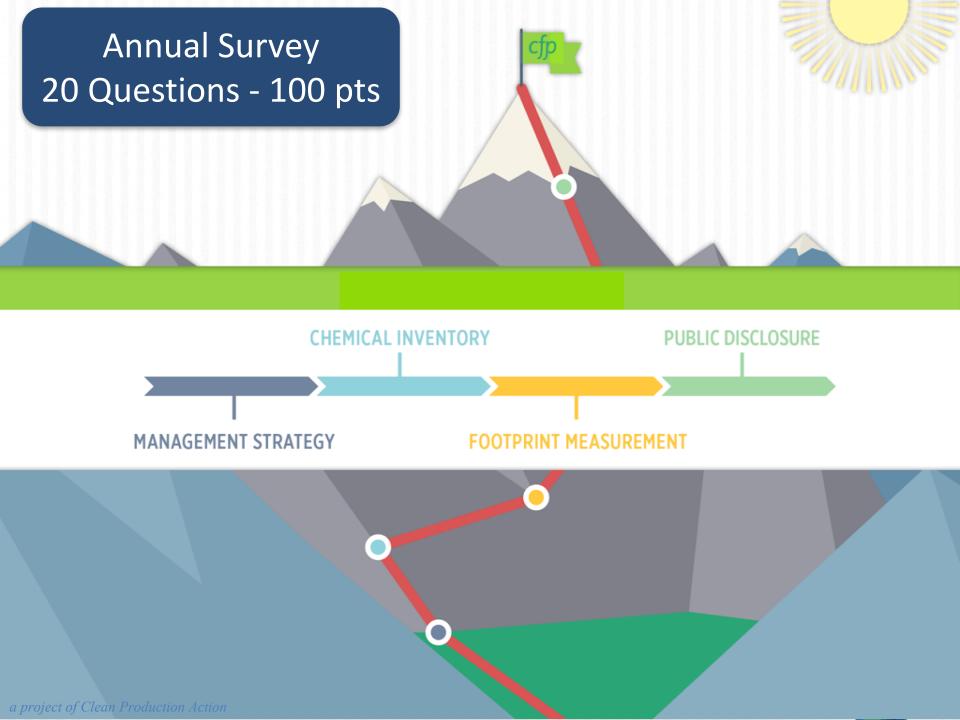


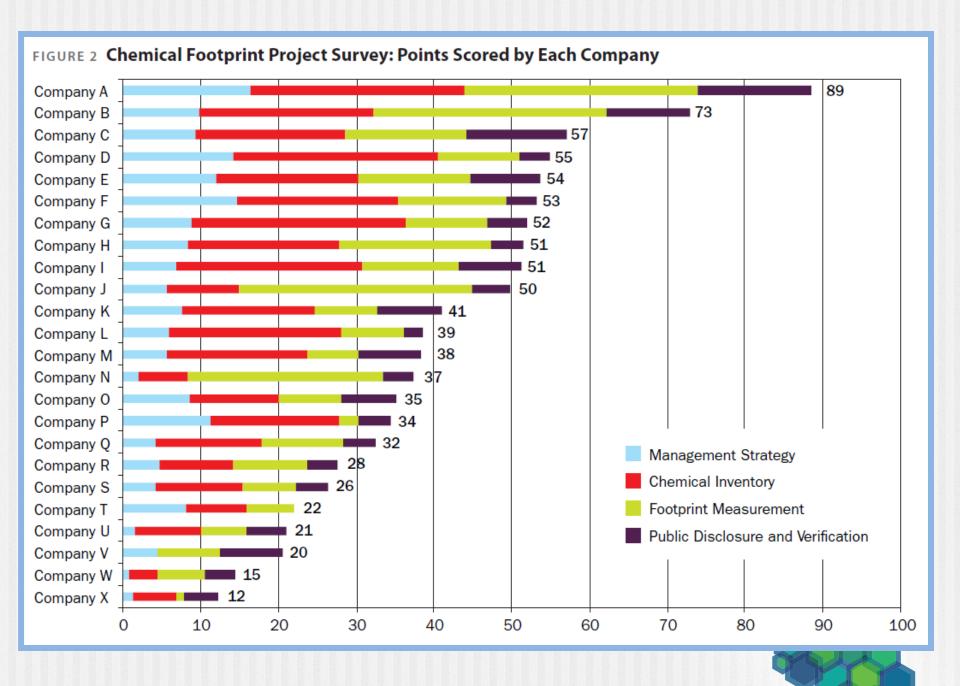
Total mass of **chemicals of high concern** in a company's **products sold**, manufacturing operations, suppliers' operations, and packaging



A mosaic of organizations support the project

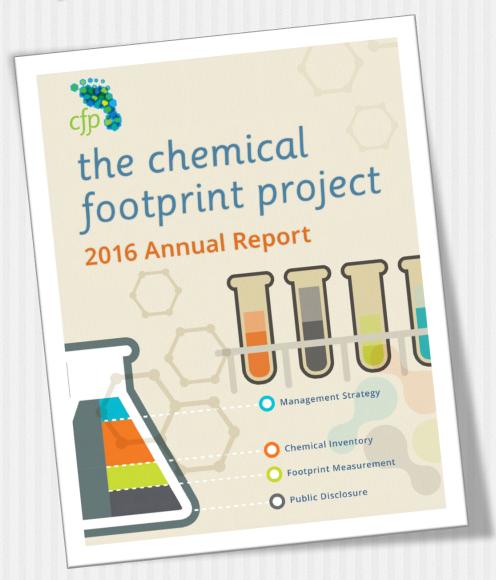
Signatories	Responders
InvestorsRetailersPurchasers	SuppliersManufacturersBrands
Boston Common Asset Mgt Calvert Investments CVS Dignity Health Kaiser Permanente Staples Trillium Asset Management	Becton Dickinson & Co. Johnson & Johnson GOJO Industries Levi Strauss & Co. Radio Flyer Sealed Air Seagate Technology, PLC
\$300 billion in purchasing power 2.3 trillion in assets under management	Leading brands in eight sectors







the chemical footprint project 2016 Annual Report Findings

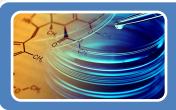


- Senior leadership matters
- Chemicals in products
 (versus manufacturing,
 supply chains, or packaging)
 were the focus of majority of
 companies
- Disclosure lags practice
- Footprint measurement new & challenging





How investors use CFP Survey data



Insight into chemical management and supply chain management



Proxy for good corporate governance practice



Engagement – those that do not address the issue can find themselves a target



Investment decision ideas





Creating Business Value

Reduce Costs

- Proactive –
 not reactive
- Systematize and align

Reduce Risks

- Chemical du jour
- Supplier alignment
- Reputation

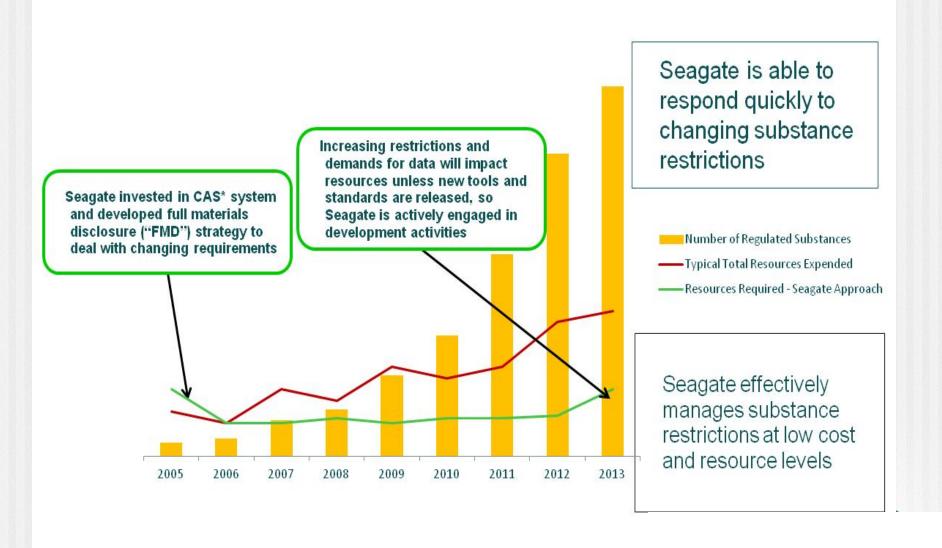
Enhance Growth

- Safer products
- Enable circular economy





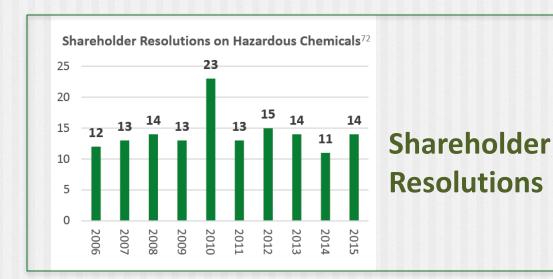
Seagate Costs of Managing Full Material Disclosure and Conflict Mineral Data





Shareholder and NGO Activism Driving Risk

	Sector	Pre-2005	2006-08	2010-12	2013-present
Activism	Cosmetics	NGO testing phthalates	Campaign for Safe Cosmetics	322 firms pledge	Cosmetics Without Cancer campaign
	Health Care	Health Care Without Harm launched	\$1.44B sterile medical packaging commit to phthalate removal	\$135B purchasing replies to Practice Greenhealth survey	GreenHealth Exchange launched
	Apparel			Greenpeace Detox campaign; ZDHC launched	Adidas & Puma removed PFCs (1.73B market)



Source: Making the Business & Economic Case for Safer Chemistry. TruCost 2015





Growth rates of safer chemistry outstrip conventional market rates

Sector	Safer Chemistry Market	Conventional Market	Time Period
Building Materials	+2,000%	+175%	2009 - 2030
Chemistry	+3,200%	+133%	2011 - 2020
Personal Care	+10.12% CAGR (US)	4.43% CAGR (Global)	20120 - 2016
Cleaning Products	+20% CAGR	+1.5% CAGR	2007 - 2011

Source: Making the Business & Economic Case for Safer Chemistry. TruCost 2015

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Business Value – what do CFP respondents say?

Value of participation: risk reduction internal alignment

"CFP is helpful as a gap analysis to assess what a company can improve on in terms of proactive chemicals management."

"CFP is the only objective measurement tool available to quantify chemicals of concern use within an organization."





the chemical footprint project Participate in CFP

June 2017: Publish second annual report

September 2017: Release online annual survey

January 31, 2018: Close online annual survey

Be a Signatory
Engage as a Responder

chemicalfootprint.org







For more information...

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