BizNGO Annual Meeting
December 8, 2014

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Desired Outcomes

• Understand the Chemical Footprint Project and its business value

• Increase engagement and participation in the Chemical Footprint Project
Mission:

to transform global chemical use by measuring and disclosing data on business progress to safer chemicals
If you can’t measure it, you can’t change it.
Value Proposition

Public
- Reduced high hazard chemicals in commerce, improves health outcomes

Retailers
- Credible 3rd party approach for driving chemicals management into the value chain

Investors
- Provides key missing element for evaluating corporate sustainability efforts

Brands
- Assess chemicals management and benchmark progress; opportunity for public recognition of leadership

Purchasers
- Identify chemical management leaders in product categories
Technical Review Committee

- STAPLES
- HP
- Seagate
- PRACTICE Greenhealth
- U.S. Green Building Council
- Construction Specialties
- SciVera
- Investor Environmental Health Network
- ChemSec
- Electronics Take Back Coalition

(Images of logos from various organizations)
Chemical Footprint is the total mass of chemicals of high concern in products sold by a company and used in its manufacturing operations.
Chemicals of High Concern (CoHCs)

- 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
- a chemical whose breakdown products result in a CoHC that meets any of the above criteria

California Candidate Chemical List
Chemical Footprint Project Dashboard

Average Performance by Evaluation Measure

- Management Strategy: 64%
- Chemical Inventory: 73%
- Progress Measurement: 40%
- Public Disclosure: 33%

Overall Average Performance: 53%

Survey Summary Statistics:
- 10 Respondents
- 66% High Score
- 53% Average Score
- 31% Low Score

Overall Performance by Company

<table>
<thead>
<tr>
<th>Company</th>
<th>Performance</th>
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<tbody>
<tr>
<td>Company A</td>
<td>66%</td>
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<tr>
<td>Company B</td>
<td>65%</td>
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<tr>
<td>Company C</td>
<td>63%</td>
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<td>32%</td>
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<tr>
<td>Company J</td>
<td>31%</td>
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The Chemical Footprint Project

- **Clear Metrics**: uniform and consistent
- **Differentiation**: between companies within a sector
- **Third Party**: independent, no vested interest
- **Open Source**: transparent measures

**Who Benefits?**
- Brands
- Retailers
- Purchasers
- Investors
- NGOs
- Workers
- Media
- Public
Timeline

**December 8 & 9:** Soft launch at BizNGO meeting in SF

**March 1 – May 31:** Online questionnaire open for companies to upload data

**September 2015:** Release 1st annual CFP report
Early adopters are essential to market transformation

How can we grow participation in the CFP?
Questions for Panel

• Describe your company and your role with regard to sustainability/chemicals management (2 min)

• What is the value proposition of the CFP to your organization?

• How you plan to use the CFP results?
Group Activity

Please turn to the person next to you and introduce yourself. For 2 minutes each, discuss the following question:

*Imagine we have a fully developed corporate chemical footprint metric much like we now have a corporate carbon footprint metric.*

*What value do you see such a metric having for your organization or your work?*
Chemical Footprint Project Founders

- Clean Production Action
- Lowell Center for Sustainable Production, University of Massachusetts, Lowell
- Pure Strategies
Chemicals policy scope - chemicals and value chain
Integration into business strategy
Support of public policies and voluntary initiatives
Accountability and rewarding employees
Supplier reporting - chemicals of high concern
Actions to know chemicals in products
Supplier reporting - all chemicals
Managing chemicals data
Ensuring conformance with reporting
Set goals to reduce chemicals of high concern
Measure baseline chemical footprint
Reduction of chemicals of high concern over 3 years
Assess hazards of alternatives
Encourage use of safer alternatives
Publicly disclose RSL
Publicly disclose chemicals of high concern/all chemicals in products
Disclose participation in CFP
Disclose data provided to CFP
Third party verification of data