The Chemical Footprint Project

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Presentation to BizNGO – December 8, 2015
• What is CFP?
• Why is CFP needed?
• CFP’s business value
• 2015/16 progress to date and timeline
• Our vision for CFP
You can’t manage what you don’t measure
Founders

CLEAN PRODUCTION ACTION

Lowell Center for Sustainable Production
UNIVERSITY OF MASSACHUSETTS LOWELL

pure STRATEGIES
Steering Committee

- Staples
- ChemSec
- Trillium Asset Management
- Target
- Boston Common Asset Management
- Kaiser Permanente
- Dignity Health
- Investor Environmental Health Network
- Environmental Defense Fund
- U.S. Green Building Council

a project of Clean Production Action
What is the Value of the CFP?

- **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
- **Public**: Reduced high hazard chemicals in commerce, improves health outcomes
CFP Assessment Tool

- Chemical Inventory
- Public Disclosure
- Management Strategy
- Footprint Measurement

Assessment Tool: 20 Questions - 100 pts
CFP Assessment Tool

Chemical Inventory
- Management Strategy
- Footprint Measurement
- Public Disclosure

Policy
- Avoid chemicals of high concern?
Policy
- Specify the use of safer alternatives?
Business Strategy
- How integrated
Engagement
- Public policy initiatives
Accountability
- Accountability and incentives for employees
CFP Assessment Tool

- **CHEMICAL INVENTORY**
  - Management Strategy
  - Footprint Measurement

- **PUBLIC DISCLOSURE**

**Manage**
- Chemicals on RSL

**Inventory**
- Identify additional CoHCs

**Reporting**
- Engaging suppliers

**Data Systems**
- How are chemical data managed?

**Assurance**
- Ensuring conformance with reporting
Set Goals • To reduce CoHCs | report progress
Baseline • Measure your baseline footprint
Results • Reduction in CoHCs over 1 year
Evaluate • How are chemical hazards assessed?
Prefer • Encourage use of safer alternatives
<table>
<thead>
<tr>
<th>Step</th>
<th>Description</th>
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<tbody>
<tr>
<td>Disclose</td>
<td>- Chemicals in products</td>
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<tr>
<td>Disclose</td>
<td>- Participation in CFP</td>
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<tr>
<td>Disclose</td>
<td>- Responses</td>
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<td>Verification</td>
<td>- Independent body</td>
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Guidance for Using the CFP Assessment Tool
Chemical Footprint: the total mass of chemicals of high concern in: products, manufacturing, supply chain, and packaging
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
Example: Scores by Sector

CFP scores by company within sector

- Company A: 66%
- Company B: 65%
- Company C: 63%
- Company D: 62%
- Company E: 61%
- Company F: 61%
- Company G: 51%
- Company H: 41%
- Company I: 32%
- Company J: 31%
Example: Scores by Individual Company

Company scores by category

- Management Strategy: 64%
- Chemical Inventory: 73%
- Footprint Measurement: 40%
- Public Disclosure: 33%
2014 Pilot: participant feedback

- Provides a **systematic approach** for evaluating chemicals management

- **Facilitates conversations** within organizations: R&D, production, supply chain management, & C-Suite

- Enables **gap analysis**: assessment identifies opportunities for improvement and information needs

- Provides motivation to **formalize chemical policies and procedures** across an organization

- **Creates a standard** for measuring performance in chemicals management
Signatories & Responders

- Signatories are: investors, retailers, institutional purchasers & NGOs
- Signatories ask suppliers & stakeholders to complete CFP Assessment Tool

- Responders are brands, manufacturers & suppliers
- Responders complete Assessment Tool and get CFP score
37 investors with $2.1 trillion in assets under management
Premier, Inc. (Nasdaq: PINC) is a healthcare performance improvement alliance of approximately 3,600 U.S. hospitals and 120,000 other providers.

Premier’s mission is simple: To improve the health of communities.

Premier’s award-winning environmental leadership platform – GreenHealth® – includes our EPP (Environmentally Preferable Purchasing) program and our internal corporate-wide Yes to Green program. Premier is committed to working with our members to define what environmentally preferable purchasing (EPP) means and promote contracted suppliers with products that maximize safety and environmental sustainability. Premier is actively assisting members in identifying available environmentally preferable contracts and promoting conversion to safer, environmentally preferred products under contract.

Premier recognizes that its members want to eliminate chemicals of concern from the supply chain. The Chemical Footprint Project (CFP) provides an independent assessment solution to help track and encourage the use of safer chemicals. As a CFP signatory, and through the support of our individual members, our alliance can help accelerate the adoption of safer and environmentally sustainable chemicals by industry suppliers.

**Premier member signatories of the Chemical Footprint Project (CFP)**

(For a complete list of CFP signatories, please visit: [http://www.chemicalfootprint.org/visible/cfp-signatories/](http://www.chemicalfootprint.org/visible/cfp-signatories/))

- Dignity Health
- Trinity Health
- Healthy Driven
- Edward-Elmhurst Health
- INOVA
- Anne Arundel Medical Group
- Fairview
2015 - 25 responders

Sectors include:
- Building products/furniture
- Footwear/apparel/textiles
- Electronics
- Personal care
- Medical devices
- Hospitality
- Children’s products/toys
- Cleaning products
Timeline – 2015/16

Jun 19: online Assessment Tool launched
Nov 30: online Assessment Tool closed
Q1/Q2 2016: first CFP Annual Report
Q2 2016: Assessment Tool will re-open

Engage as a Responder
Become a Signatory

chemicalfootprint.org
Our Vision for CFP