

Sponsors

Berkeley Center for Green Chemistry
Construction Specialties
Kaiser Permanente

Partners

Dignity Health
Naturepedic
Novation

Desired Outcomes

1. The BizNGO Guide to Safer Chemicals: Identify next steps for growing the use and value of *The Guide*, including how we align with other similar frameworks like the Outdoor Industry Association's Chemical Management Framework.
2. Chemicals in Products and across Supply Chains: Develop ideas and list of resources for how to collect and use the data.
3. BizNGO Plastics Scorecard: Comment on the Plastics Scorecard, the Safer Chemicals Module, and next steps for 2013.
4. Alternatives Assessment: Draft a set of Principles of Alternatives Assessment.
5. Transforming the Chemicals Landscape: Brainstorm ideas on how we can:
 - a. Advance the development and use of safer chemicals globally.
 - b. Engage in federal chemicals policy reform.
 - c. Work with university research and education initiatives.
6. Next Steps for BizNGO: Draft a set of priorities for 2013.
7. Networking: Make time and space for networking.

Day 1—Monday, December 3, 2012

8:15 Registration & Continental Breakfast

9:00 Welcome & Introductions

Mark Buczek & Mark Rossi – Co-Chairs BizNGO

9:20 The BizNGO Guide to Safer Chemicals – Pathways to Safer Chemicals

Speakers

Mark Rossi, BizNGO/Clean Production Action

Howard Williams, Construction Specialties

Barbara Kyle, Electronics TakeBack Coalition

Facilitator: **Beverley Thorpe**, Clean Production Action

10:30 Small Groups - Using The Guide to Safer Chemicals

The Guide, which will be released at the meeting, is a how-to resource for implementing the BizNGO Principles for Safer Chemicals: 1) Know and Disclose Chemicals across the Life Cycle of Products; 2) Assess & Avoid Hazards; 3) Commit to Continuous Improvement; and 4) Support Public Policies and Voluntary Initiatives. It sets a series of benchmarks from Trailhead to Summit for implementing the Principles.

- How could you use The Guide?
- How can the guide be helpful to your organization?
- How can BizNGO make The Guide more useful for your organization, sector, or community?

10:50 Report Backs

11:10 Break

11:30 Outdoor Industry Association Chemical Management Framework

Speakers

Elizabeth Sommer, U.S. Environmental Protection Agency

Kevin Myette, REI

Facilitator: **Lauren Heine**, Clean Production Action

12:30 Lunch

1:30 Extracting Chemical Data across the Supply Chain

Speakers

William Haas, Seagate -- "Leveraging Seagate's Full Material Disclosure Process into Conflict Minerals (and beyond)"

Tom Lent, Healthy Building Network -- "Health Product Declaration (HPD) Form: A New Standard for Full Chemical Ingredient Disclosure to the Public"

Facilitator: **Roger McFadden**, Staples

Day 1—Monday, December 3, 2012, Continued

2:30 **Small Groups – Chemicals in Products and across Supply Chains: How do we collect and use the data?**

- How can we leverage the lessons learned from Seagate’s experience in business-to-business collection of chemical, material, and feedstock information?
- How could you use the information collected through the HPD?
- What further tools would be helpful to use this data? How do we make this data actionable?

2:50 **Report Backs**

3:10 **Break**

3:40 **Plastics Scorecard – Identifying More Sustainable Plastics**

Speakers

Monica Becker, Monica Becker & Associates

Mikhail Davis, Interface

Topics

Moving to more sustainable plastics

- What are the opportunities?
- What are the challenges?
- What are some examples of sustainable plastics?
- How can we analyze options?

BizNGO Plastics Scorecard Overview

- What is the purpose of the Scorecard?
- Who are the intended users?
- What is the overall framework for the Scorecard?

The Safer Chemicals Module of the Plastic Scorecard

- How does this module assess the chemistry of plastics?
- How can the module move us towards safer plastics?

Next Steps for 2013

- What should the Sustainable Materials Work Group’s priorities be for 2013 to build out and/or pilot the Plastics Scorecard?
- Who else should we partner with?

5:00 **Reception & Green Chemistry Posters (see list below)**

7:00 **Adjourn**

Day 2—Tuesday, December 4, 2012

8:15 Registration & Continental Breakfast

9:00 Review from Yesterday & Today's Agenda

9:15 Implementing the California Safer Consumer Product Regulations

Speakers

Debbie Raphael, California Department of Toxic Substances Control

Helen Holder, Hewlett-Packard

Facilitator: **Rachelle Wenger**, Dignity Health

10:30 Break

10:50 Alternatives Assessment: Case Studies Based on the Proposed Safer Consumer Product Regulations

Speakers

Cheri Peele, Cheri Peele Group

Eric Harrington, Green Advantage Consultants

Facilitator: **Alex Stone**, Washington State

11:50 Small Groups - Principles of Alternatives Assessment

Included in meeting hand-outs is a draft set of Principles of Alternatives Assessment.

- What is the purpose of an Alternatives Assessment (for you)?
- Given your desires and ideals for Alternatives Assessment, how would you revise the draft Principles of Alternatives Assessment? What would you add, delete, or revise?

12:15 Report Backs

12:30 Lunch

1:30 Transforming the Chemical Landscape

Speakers

Ken Geiser, UMass Lowell – “Global Trends in Chemical Intensification”

Martin Mulvihill, University of California Berkeley – “From Theory to Praxis: Perspectives from the Berkeley Center for Green Chemistry”

Andy Igrejas, Safer Chemicals Healthy Families Coalition – “Engaging in Federal Chemicals Policy Reform”

Facilitator: **Ansje Miller**, Center for Environmental Health

3:00 Break

3:15 Large Group Discussion

- Global Trends: How can we grow the global development and implementation of comprehensive, prevention oriented chemical management strategies?
- University Engagement: What are the opportunities in universities? How can we intersect with universities? What are our needs? How do they need to be structured to be receptive to professors and students?
- Federal Chemicals Policy Reform: How should BizNGO engage in federal chemicals policy reform?

Facilitator: **Megan Schwarzman**, Berkeley Center for Green Chemistry

4:00 Large Group Discussion: Next Steps for BizNGO in 2013

4:30 Adjourn



Poster Presentations

Thermodynamics of cellulose solvation in novel solvent mixtures,

Ritankar Das, Undergraduate Chemical Biology and
BioEngineering Major

The U. C. Berkeley Science Shop: Connecting Communities to University

Research, Karen Andrade, Graduate Student in the Department of
Environmental Sciences, Policy & Management

The Oil Treatment Transparent Environmental Response (OTTER)

*strategy, a framework to make complex decisions rational, efficient
and transparent, Leah Rubin*, Graduate Student in Chemistry

A processes based approach to reducing hazard of informal e-waste

recycling, Sarah Daniels, Graduate Student in the School of
Public Health

Public Library of Materials, Akos Kokai, Research Scientist in the

Berkeley Center for Green Chemistry

Interdisciplinary Approach to Green Chemistry Curriculum Development,

Marty Mulvihill, Berkeley Center for Green Chemistry

Systems Approach to Green Energy, Chris Vulpe, Professor of

Molecular Toxicology

Plastics Disclosure Project, Doug Woodring, Ocean Recovery Alliance

