

2009 ENVIRONMENTAL SUMMIT AGENDA

Thursday, January 22, 2009

7:30 a.m. – 8:00 a.m.

Registration & Breakfast

8:00 a.m. – 9:30 a.m.

Managing Energy Use/Consumption - Case Studies

Panel Discussion

Tom Knudstrup, Alcan Packaging

Sylva Jerikian, Amcor Flexibles

The steep increases in energy rates have reached the point in packaging where the energy costs are a significant percentage of the cost of the finished product. The presenter will outline how a converting facility tackled energy waste and how it plans to continue this process in the future.

The second presentation will first identify processes and equipment in flexible packaging that uses energy in a significant way and then suggest ways to conserve and reduce energy consumption including case studies where projects have been found cost effective due to savings in energy costs.

The third presentation is a case study of work between Amcor Flexibles and the University of Illinois at Chicago. The discussion will include identifying energy assessment resources, the energy evaluation process, working with the university to identify opportunities for improvement, and pros and cons of this approach.

The presentations will be concluded with a panel discussion and Q/As. We expect it to be a very interactive session.

9:30 a.m. – 10:15 a.m.

Revisions to Solid Waste Definition: Rule Review

Charlotte Mooney, U.S. EPA

EPA has recently published a final rule revising the definition of solid waste. It is expected to provide greater opportunity for generators to recycle certain hazardous secondary materials on-site and off-site under the control of the generator. The presentation will review the purpose and ramifications of this rule followed by Q/As. You can not afford to miss the session as it has impact on flexible packaging operations.

10:15 a.m. – 10:30 a.m.

Break

10:30 a.m. – 11:15 a.m.

Design for Sustainability – the Consumer Effect

Susan Palombo, READY366

The consumers today care more about the products they buy – where they are from, what they are made of, and whether they are good for them and the environment. The Internet has provided them access to information and unprecedented power to shape a brand's reputation. As a result of these influences, marketers are looking for new avenues to create greater and more authentic brand relevance and differentiation, and green packaging innovation is a major opportunity. The presenter will explore the latest consumer trends and expectations for packaging, discuss "the rules" for creating successful green designs, demonstrate how to include the consumer into the design process and share a variety of case examples of successful green packaging innovations.

11:15 a.m. – 12:00 p.m.

The Green Packaging Claims

Laura Koss, Federal Trade Commission (FTC)

The "Green" claims are everywhere, including in the packaging industry. The presenter will review the FTC's "Green Guides," which is intended to help marketers avoid making unfair or deceptive environmental claims. The Green Guides outline general principles and provide guidance on specific green claims such as recyclable, recycled content, biodegradable, and compostable. Ms. Koss will discuss the fact that Green Guides give environmental claims the meaning that consumers give them and that marketers making express or implied claims must have substantiation.

12:00 p.m. – 1:00 p.m.

Lunch sponsored by Sun Chemical Corporation

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1:00 p.m. – 2:00 p.m.

Greenhouse Gas Emissions Inventory Development

Bobby Cullom, Sealed Air Corporation

EPA is considering the Greenhouse Gas (GHG) Emissions Inventory reporting that would serve as benchmark for evaluating the effectiveness of all GHG reduction initiatives and programs. In anticipation and to meet request for it from certain customers many FPA member companies are engaged in GHG emissions inventory development and considering ways to reduce these gases on a facility wide basis. The presentation is a case study that will include the methodology and assumptions used in developing GHG emissions and lessons learned. We expect it to be a very interactive session.

2:00 p.m. – 2:45 p.m.

The REACH – What to Do, What to Watch, What to Worry About

Richard W. Johnson, Ph.D., Rohm and Haas Chemicals, LLC

The European Union's Registration, Evaluation, and Authorization of Chemicals (REACH) will impact the manufacturers of chemical substances in the EU and exporters of chemical substances to EU. The regulation requires the chemical substance to be pre-registered otherwise it can not be manufactured, sold or exported to EU. Following the pre-registration phase, those companies that will be registering substances will need to join the respective SIEFs (Substance Information Exchange Fora) to prepare for the registrations. These groups will be sharing data, performing testing, collecting use information, creating safety assessments, all of which can be both costly and potentially proprietary. This session will provide an overview of what registering companies should consider as they go into this work.

The draft list of SVHC (substances of very high concern) will be issued, and companies involved with articles must assess their responsibilities related to these SVHCs. There are actions that can be taken now, with regular follow-up. This talk will discuss what the obligations are regarding SVHCs, and what actions should be taken going forward.

As the work on registrations progresses, data is collected and new testing performed, it could change the landscape in several ways. The presentation will discuss what these changes might be and what to look out for including guidance on how that might be done.

2:45 p.m. – 3:00 p.m.

Break

3:00 p.m. – 3:45 p.m.

Nanotechnology in Packaging

Dr. Thomas Donvito & Dr. Rick Joyce, Sun Chemical Corporation

The nanotechnology is already found in a wide variety of consumer products including food and food technology. Its application is increasing at a significant rate creating oversight challenges that will expand in scope and complexity as more nano-enabled products enter the marketplace. The presenter will address the impact of nanotechnology and nanomaterials on packaging and examine federal agencies' readiness to deal with environmental and toxicological/physiological effects of these materials.

3:45 p.m. – 4:30 p.m.

SPCC Update - Self Certification and Threshold Levels for Resins/Waxes

Craig Matthiessen, U.S. EPA

The Spill Prevention Control and Countermeasure (SPCC) rule development has been a roller coaster with EPA recently proposing amendments to the rule in October 2007. It is expected that the rule will be final this year. The presenter will provide an overview of EPA's oil spill prevention program, the Spill Prevention Control and Countermeasure regulation and details associated with recent modifications of these regulations and their specific relevance to the flexible packaging industry. The presentation will also include details on self-certification of SPCC Plans and discuss issues relative to oil characterization (e.g. resins and waxes). You can not afford to miss this session as anticipated benefits include a better understanding of the SPCC requirements and the flexibility available to facility owners and operators who handle oils of all kinds to prevent, prepare for, and respond to accidental oil discharges. Attendees will also have the opportunity to learn about upcoming efforts on oil spills and EPA's work on oil characterization.

5:30 p.m. – 6:30 p.m.

Reception

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Friday, January 23, 2009

7:30 a.m. – 8:00 a.m.

Breakfast

8:00 a.m. – 8:45 a.m.

EPA Priorities & Political Transition

George Sugiyama, U.S. EPA-OAR

The Office of Air and Radiation (OAR) develops national programs, policies and regulations for controlling air pollution and radiation exposure. The presentation will provide an overview of program priorities of the agency with emphasis on anticipated Greenhouse Gas emissions legislation. Additionally, the presenter will share the new administration's thinking on regulatory landscape and its impact on industry.

8:45 a.m. – 9:30 a.m.

Sustainability: Summary of a Research Report Completed for the FPA

Jeff Wooster, The Dow Chemical Company

The FPA has recently commissioned Battelle, an international science and technology enterprise, to complete an exhaustive study that will help the FPA and its members position flexible packaging as a preferred option for meeting the packaging sustainability goals of the packaging value chain. The Battelle work focused on demonstrating the life cycle energy savings achieved through the use of flexible packaging and developing options for improved end-of-life positioning for flexible packaging. This presentation will provide an overview of the findings from the Battelle research as well as previous case studies developed for the Flexible Packaging Association.

9:30 a.m. – 9:45 a.m.

Break

9:45 a.m. – 10:30 a.m.

Implementing Greenhouse Gas Programs

Zach Baumer, URS Corporation

The Greenhouse Gas emissions reporting and reduction has been receiving significant attention in the United States over the past three years. In the absence of a federal regulatory program, voluntary and mandatory programs have emerged at the municipal, state, and regional level. Congress and the EPA are finally on the brink of creating their own mandatory reporting and eventual cap and trade program. Companies recognize that they may be impacted, but are looking for guidance and direction in this uncertain and rapidly evolving carbon management landscape. The

myriad of different programs can be dizzying to the environmental manager of a company; what do these programs mean, who will be affected, what will it cost, what will be required?

This presentation will provide the current status of voluntary greenhouse gas programs, as well as mandatory state and regional programs, and review current proposals at the federal level. Likely reporting and compliance thresholds will be examined and translated into usable takeaways that help informed decision making and strategies for greenhouse gas inventories and reduction planning.

10:30 a.m. – 11:15 a.m.

Product & Packaging Carbon Footprinting

Lisa Nelowet Grice, ENVIRON

In response to customer and consumer demands, companies are increasingly completing product-level carbon footprints. The product-level footprints differ from entity wide GHG inventories by focusing exclusively on allocation of emissions to production of a single SKU, incorporating information on product manufacture, use, disposal and packaging from throughout the supply chain. Until consensus standards are in place, comparing one package's carbon footprint to another is inequitable, given differences in transparency, boundary setting, allocation methods, data sources and other variables. This presentation will explore the challenges in product/package-level carbon footprints, and provide updates on key new and developing standards in the field, namely the British Standards Institutes PAS 2050

11:15 a.m. – 11:30 a.m.

Carbon Footprint Panel Discussion

Jeff Wooster, The Dow Chemical Company

Lisa Nelowet Grice, ENVIRON

Bobby Cullom, Sealed Air Corporation

Zach Baumer, URS Corporation

11:30 a.m.

Closing Remarks & Adjourn

Brian Galley, FPA Environmental Committee Chair

12:00 p.m.

Golf Tournament

For registration details, contact Jim Hillstrom at (262) 255-4422