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NanoBusiness Alliance Federal Roundtable

**Effectively Navigating Your Business around
Uncertainties: Making the Most from Careful
Planning, Regulatory Awareness, and Smart Planning**

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What Do We Know about Regulatory Developments Pertinent to Nanomaterials?

- The Obama Administration is expected to pursue a variety of regulatory initiatives
- Mandatory requirements are far more likely than voluntary initiatives
- Regulatory initiatives are increasing in frequency and sophistication
- Regulatory developments are seldom “surprising” and there are many opportunities for engagement
- Effective early engagement is often key if agencies are to be influenced before concepts become “set”

Competitive and Compliant Businesses

- To remain competitive and compliant, businesses must:
 - Understand their current and potential future legal/regulatory obligations
 - Develop a clear vision regarding their role in the business community
 - Work hard to ensure nanobusinesses and the industry in general are seen as trustworthy, credible, and conscientious
 - Promote the industry and company through NbA initiatives

NbA's Role in Promoting the Nanobusiness Community

- Unique brand -- highly recognized as a credible, effective entity in the nanobusiness community
- NbA is well-positioned to leverage its brand to promote EHS excellence in innovation and stewardship in efficient ways and to influence future developments
- Develop a clear mission to ensure NbA members are aware of and commit to the highest standards of EHS stewardship and ensure NbA develops the tools and infrastructure necessary to achieve its mission in this regard

How Can NbA Accomplish This?

- Develop an NbA Responsible Code of Practice
- Provide NbA members and others with web-based tools/resources necessary to act responsibly
- Establish meaningful and, ideally, mutually confident relationships with federal and state regulatory agencies, and nurture these relationships
- Ensure nanotechnology and other emerging technologies are understood by regulatory agencies

How Can NbA Accomplish This? (cont'd)

- Coordinate closely with international counterparts
- Monitor and participate actively in federal, state, and global EHS initiatives pertinent to nanomaterials
- Educate the public regarding nanomaterials, nanotechnology, and related topics
- Work more effectively with detractors
- Lead by example

What to Avoid?

- Doing too little, too late
 - Failure to engage is costly
 - NbA's absence is conspicuous/undermines credibility
- Overreacting/Underreacting
 - Fosters perception of disarray
 - Misses important opportunities
 - Counterproductive

What Should NbA Do Now to Enhance Its EHS Leadership?

- Create and resource an EHS Leadership Team/Committee and use this group to take the initial steps needed to:
 - Develop an EHS Code of Practice/Brand It
 - Develop a clear vision statement
 - Create a web portal to tools/documents
 - Establish a partnership with EPA, NIOSH, and CPSC
 - Create an Annual NbA EHS Award

What Should NbA Do Now to Enhance Its EHS Leadership? (cont'd)

- Act in a timely way to prepare in final and implement the work products produced by the NbA Leadership group
- Commit to ongoing regulatory/policy engagement with regulatory, public, and other stakeholders. As an example, identify opportunities to engage with EPA's Design for the Environment program. The DfE program and ORD in EPA have established a partnership to conduct a life-cycle assessment of currently manufactured lithium-ion battery technologies and a next generation battery component (anode) that uses single-wall carbon nanotube technology

Thank you

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