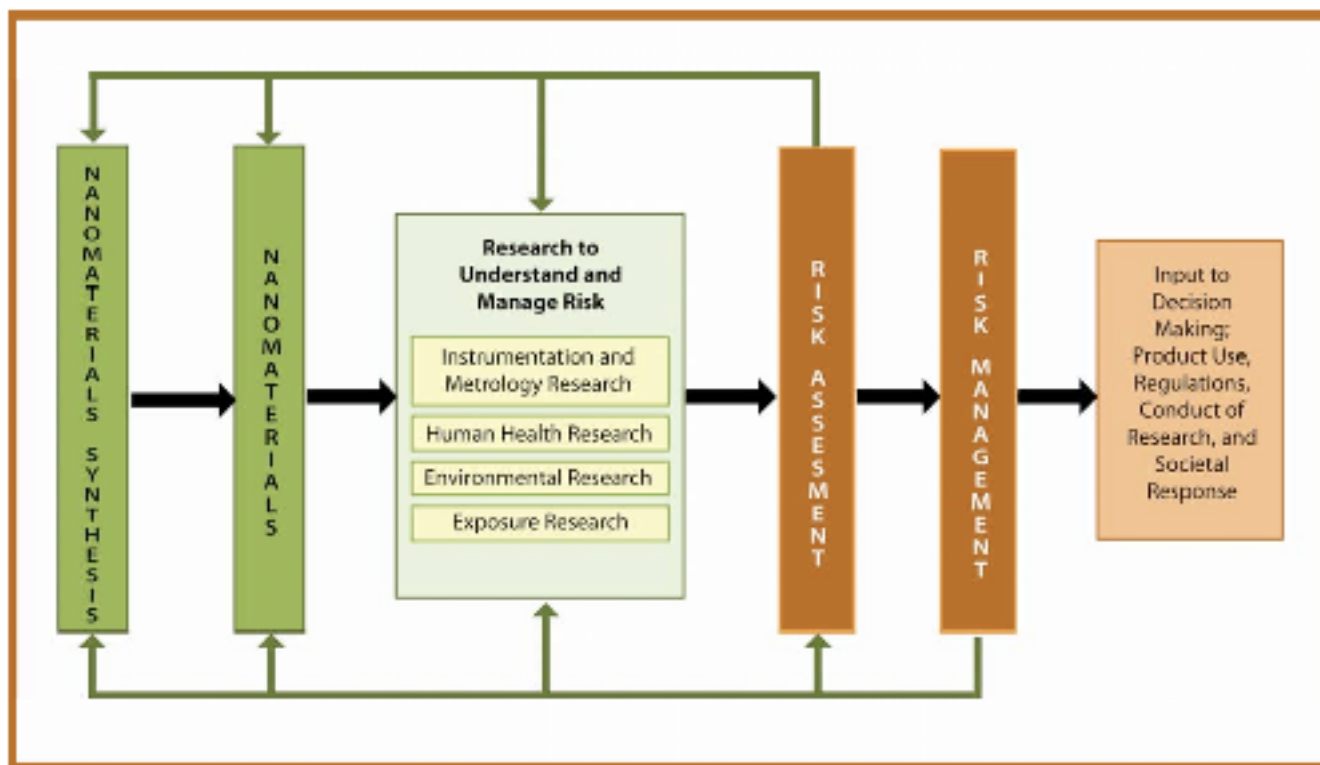




Workshop Goals & Objectives: *Setting the Context*

Jeff Morris, National Program Director for
Nanotechnology, US EPA
30 March 2010

Starting Point: 2008 Strategy – Using Science to Inform Decisions



Managing (including avoiding) Risk. We need to be smart about the development, deployment, and use of new technologies:

- Using green chemistry and other approaches to build safety and environmental protection into nanotechnology.
- Developing approaches for up-front evaluation of potential impacts throughout product life cycles.
- Recognizing that sustainability includes consideration of the inputs and emissions from making the material, not just the impacts of its use.

Societal Context. *The choices we make* determine whether and how new technologies emerge and develop—nothing is a predetermined given. How can scientific information inform such choices?



Final Consideration: We're all in this together—Partnerships will be the key to safer and more sustainable nanotechnology

Industry. Companies know their products, processes, and markets. Without compromising confidentiality and competitiveness, more material-, product-, and market-specific information is needed.

Academia. Society sanctions nano EHS research because it wants safe nanotechnology products and processes—all grantees receiving federal EHS funding should help advance this goal.

States and localities. Where products are made; where people use them.

Public, advocates for the public. Awareness and engagement will lead to better, balanced, and sustainable decisions.

So it's fortunate that we're all together this week to help advance safe and sustainable nanotechnology. We look forward to a productive two days!