Nanotechnology – An EPA Perspective

NEWMOA Web Conference on Environmental Health and Safety for Nanotechnology

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Activities to Advance These Directions

- Requested \$10.3 million under President's budget for nanotechnology research in FY 08, including \$4.7 million for an in-house nanotechnology research program.
- Developing research strategy focusing on fate, transport, transformation, and measurement/detection from a life-cycle perspective. To undergo peer review in March 2008.
- Participating with other agencies (through NEHI) to develop a national prioritized research plan.
- Participating on OECD working party on the Health and Environmental Safety Implications of Manufactured Nanomaterials.
- Continuing collaborations with federal agencies, industry, professional societies, academia, and international communities.







Nanoscale Materials Stewardship Program (NMSP)

- Complements regulatory approach
- Increases experience with risk assessment/ mitigation
- Provides insight on test data to be developed
- Generation of test data to provide sound scientific basis for decision-making
- Encourages risk management practices











NMSP Submissions/Commitments

- NMSP submissions under the basic program:
 - DuPont
 - Office ZPI
 - Strem Chemicals
 - Nanophase Technologies Corporation
 - Confidential Submission
- Companies committed to submit information under the basic program:
 - BASF Corporation
 - Bayer MaterialScience
 - Dow Chemical
 - Evonik/Degussa
 - General Electric
 - Nanocyl North America
 - Nantero
 - PPG Industries
 - Sasol North America





