



Chemical Information Call-ins: First and Second Rounds

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DTSC Chemical Information Call-ins: Initial Rounds

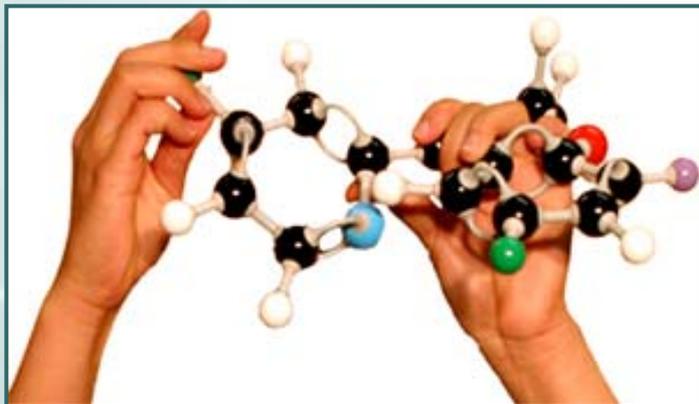
- **California Health and Safety Code sections 57018-57020**
 - **Enacted 2006**

- **ROUND ONE: Carbon Nanotubes**
 - **Announced interest 2008**
 - **Sent formal request January 2009**
 - **Posted responses January 2010**

- **ROUND TWO: Nano Metal Oxides and Quantum Dots**
 - **Announced interest April 2009**
 - **Convened workshop today**

- **Partnerships (in progress)**
 - **DTSC-DPR**
 - **DTSC-CDPH**
 - **DTSC-USEPA**

The future is . . .



- both macro and micro/molecular
- focused on chemical function and performance
- lifecycle oriented
- currently technology driven, information poor

California Nanomaterials Initiative

- Get more information into the market place.
- Determine nature and extent of information gaps
- Form partnerships with the stakeholders to collaborate and fill those gaps
- Use strategic partnership with the University of California/CEIN, Stanford, and other academic institutions to coordinate state efforts in national initiative
- Leverage efforts to develop necessary analytical test methods for emerging chemicals



Round One: Carbon Nanotubes

- *Announced interest in 2008*
- *Conducted search for existing information*
- *Posted announcement*
- *Sent formal request for information in January 2009*
 - 26 California companies and institutions
 - 6 questions
- *Received responses by January 2010*
 - 3 companies out of business
 - 1 company does not produce carbon nanotubes
 - 22 companies submitted timely responses (posted)
- *Evaluated Round One (preliminary Summer 2010)*
 - UCLA School of Law
 - Responses varied, information limited
 - Suggestions for future call-in question structure



Round Two: Nano Metal Oxides and Quantum Dots

- *Announced interest in April 2009*
- *Conducted search for existing information*
- *Convened today's workshop on*
 - **Nano Silver**
 - **Nano Zero Valent Iron**
 - **Nano Titanium Dioxide**
 - **Nano Zinc Oxide**
 - **Nano Cerium Oxide**
 - **Quantum Dots**
- *Focusing initial questions on analytical test methods for the respective nanomaterial chemical, and its metabolites and breakdown products, in various matrices*
- *Anticipated formal request: Fall 2010*



Please participate.

*Browse our website, offer comments,
prepare and submit your responses,
meet with us, and call and write!*

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