

Washington Update

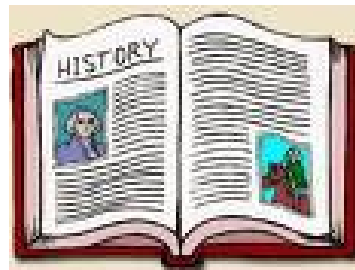
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Chemical & Engineering News

Green Chemistry & Commerce Council Innovators Roundtable
May 4, 2009

U.S. Chemical Policy

- History



- Forces for Change



- The Players



History

- Toxic Substances Control Act of 1976
- Existing chemicals vs. new chemicals
- Big legal test with asbestos ban -- 1991
- Little regulation of existing chemicals since court decision



Why the move for TSCA reform?

Forces at work

Forces at work

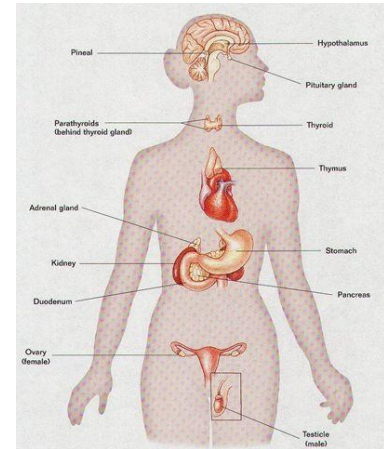
- European Union's REACH
- California Green Chemistry Initiative
- State bans of individual chemicals
 - Brominated flame retardants
- Canada's review of chemicals
- Heightened consumer awareness
 - BPA in plastic



Forces at work: Age of Information

Scientific Advances

- Hormone disruption at very low levels
- Biomonitoring – how did that stuff get in me?



Forces at work: Age of Information

Market demand for more data about chemicals

- Corporate purchasers
- Consumers



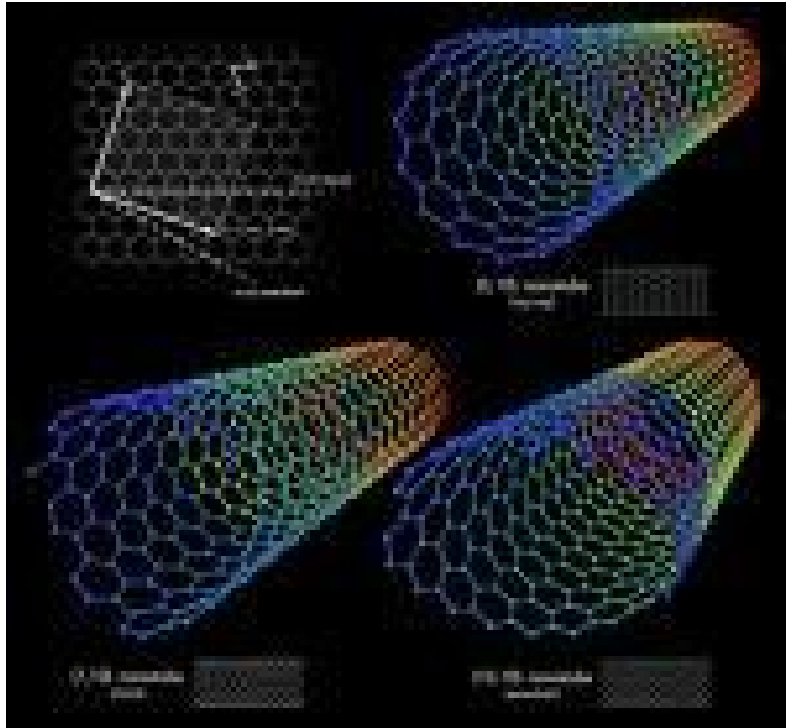
Forces at work: Age of Information

Confidential business information (trade secrets)

- Protection of key data
- Abuses in past
- Challenging claims is resource-intensive for EPA



Forces at work: emerging issues



- Green chemistry
- Nanomaterials

TSCA reform

The players

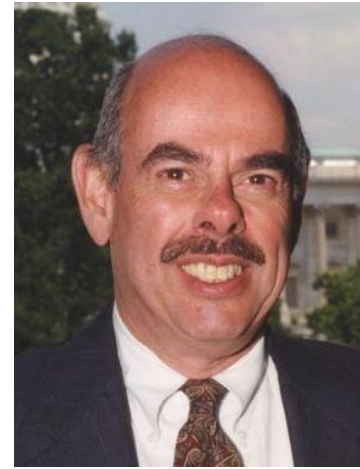
The Players: Congress

House Energy & Commerce Committee

Rep. Henry Waxman
(D-Calif.) chairman

Rep. Bobby Rush (D-Ill.)

- Hearings this year
- Tied up with climate change legislation



The Players: Congress

Senate Environment & Public Works Committee

Sen. Barbara Boxer (D-Calif.)
chair



Sen. Frank Lautenberg (D-
N.J.)



- Waiting for House to act?

The Players: EPA



**Administrator Lisa P.
Jackson**

"It is now time to revise and strengthen EPA's chemicals management and risk assessment programs."

The Players: EPA

- Robert M. Sussman – senior adviser
 - Former industry lawyer
- Arvin Ganesan – congressional affairs
 - Former staffer for Sen. Frank Lautenberg
 - Was involved in KSCA
- Stephen A. Owens – chemicals program
 - Former director of Arizona Department of Environmental Quality
 - Not yet confirmed

The Players: Obama Administration

- EPA budget for chemicals program



- Political capital on TSCA, green chemistry legislation



- Regulatory changes?



The Players: chemical industry

- Big chemical companies support “modernization” of TSCA
 - American Chemistry Council
- Small to medium-sized companies cautious
 - Society of Chemical Manufacturers and Affiliates

The Players

- Corporate purchasers a bigger force than ever before
- Public interest groups
- Unions
- Animal welfare advocates



The Players

???

Green Chemistry & Commerce Council
members

???



GC³ Green Chemistry &
Commerce Council

End

Thank you!