

# ***States Chemicals Policy & Green Chemistry***

***States value proposition and the science  
supporting safer chemicals and products  
innovation***

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5<sup>th</sup> Annual Green Chemistry & Commerce Council

Innovators Roundtable

Houston, Texas

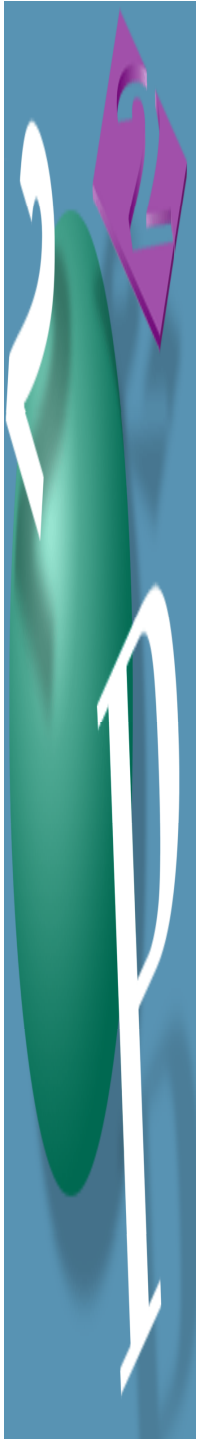
April 26-28, 2010

# Interstate Chemicals Clearinghouse

## Goals

- Avoid duplication and enhance efficiency and effectiveness of state initiatives on chemicals through collaboration and coordination.
- Build state capacity to identify and promote safer chemicals and products.
- Ensure that states, businesses, and the public have ready access to high quality and authoritative chemicals data.





# States' Principles on TSCA Reform

- Require chemical data reporting.
- Demonstrate chemicals and products are safe.
- Prioritize chemicals of concern.
- Protect the most vulnerable.
- ***Promote safer chemicals and products through green chemistry.***
- Address emerging contaminants.
- Strengthen federal law & preserve states' rights.
- Fund state programs.

13 states -- California, Connecticut, Illinois, Maine, Maryland, Massachusetts, Michigan, New Hampshire, New Jersey, New York, Oregon, Vermont, and Washington.

# Washington State Children's Safe Products Act Implementation

Identified initial 65 high priority chemicals of high concern for children (CHCC).

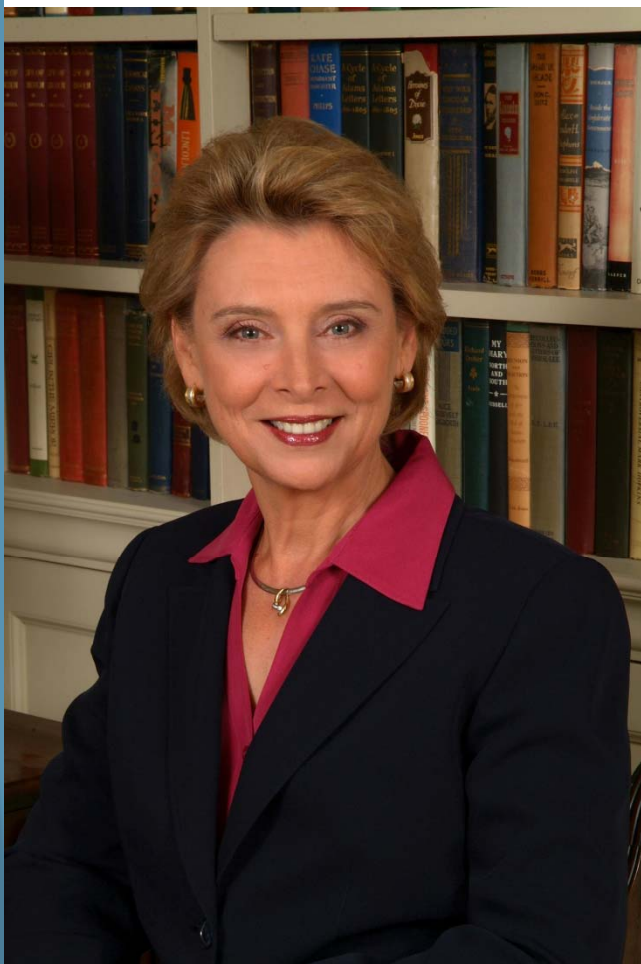
Data Reporting  
Product Testing  
Compliance

*Will this spur green chemistry innovation & safer chemical alternatives?*

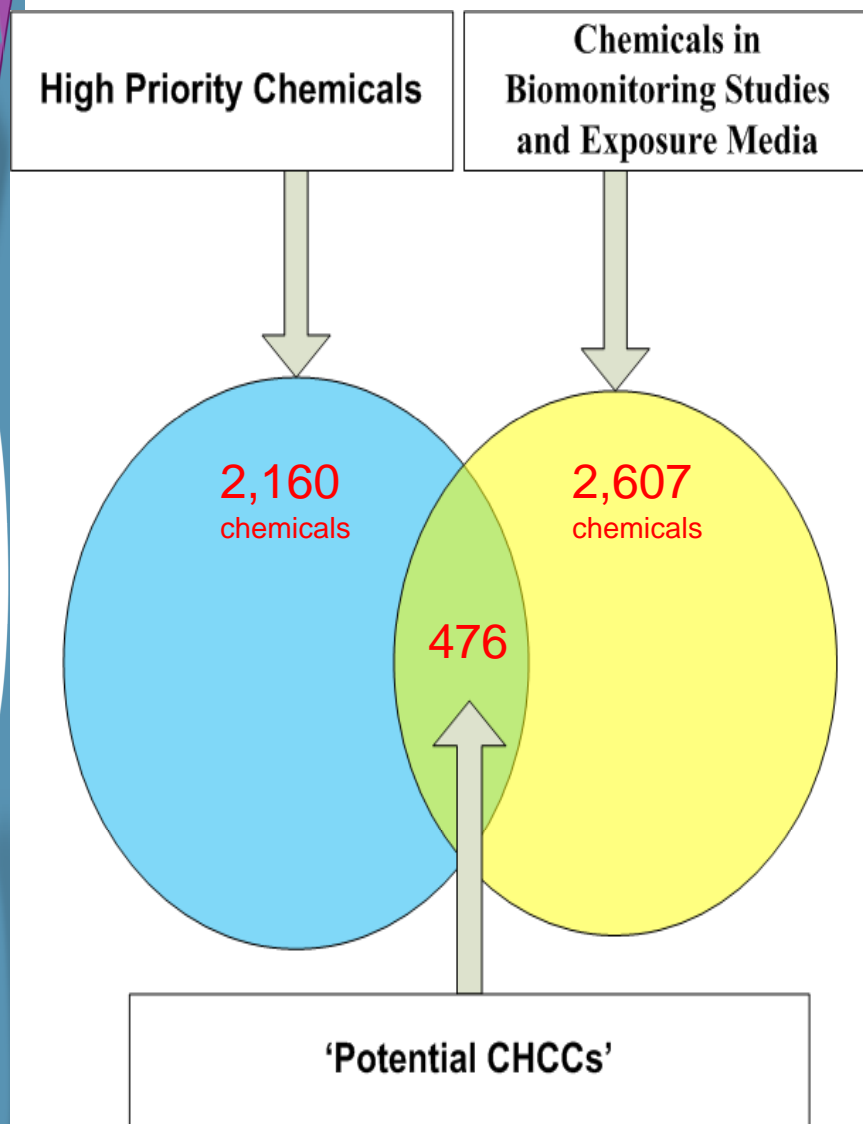
<http://www.ecy.wa.gov/programs/swfa/cspa>

*We can't wait any longer for the federal government to take action.*

**Governor Chris Gregoire signing HB 2647 - April 1, 2008**



# WA Chemicals of High Concern to Children



## High Priority Chemicals:

- Chemicals from authoritative sources
- Chemicals with specific toxicities

## Exposure Lists:

- Chemicals found in:
  - Humans
  - Indoor Air and Dust
  - Drinking Water
  - Products

## Potential Chemicals of High Concern to Children (CHCCs):

- Intersection of two groups
- 65 Chemicals on the Reporting List as of 4/01/2010

***NOTE: the final reporting list will include analytical method and reporting trigger amount.***



# Advancing DfE & Green Chemistry in State & Local Government

- National P2 Roundtable & GC3 Collaboration
  - Incentives Paper
  - Training & Recognition Certification
- Safer Products & Green Chemistry Framework Legislation
- P2 Planning Legislation (Priority chemicals reduction technical assistance)
- Business Case for Buying Green
  - Procurement Reform (availability , performance, price, & environment)



# Tools for Chemical Assessment

Safer Chemical Alternatives Wiki

State Expertise: Polybrominated diphenyl ethers (PBDEs)

*The prohibition on Deca-BDE in televisions, computers, and residential upholstered furniture takes effect January 1st, 2011. WA Ecology has found that safer alternatives are available.*

Lead Wheel Weights; Copper in Break Pads

Clean Production Action's GreenScreen 2.0 & QuickScan States & Business Workshops

# Drivers for Innovation & Safer Products

- Regional Green Chemistry Centers
  - Lowell, Michigan, Berkeley, Pacific NW, ??
- Workforce Development
- k-12 Education (Beyond Benign)
- Higher Education (University of Oregon Greener Education Materials for Chemists)

