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***Chemicals Management Plan – Linkages
and Opportunities to the Great Lakes
Binational Toxics Strategy (GLBTS)***

**GLBTS Stakeholder Forum and
Integration Workgroup Meeting
December 4, 2008, Chicago, Illinois**

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Directorate
Environment Canada**



Overview

- Overview of the Chemicals Management Plan
- Integration
- International Regulatory Cooperation
- Opportunities for chemicals management in the Great Lakes

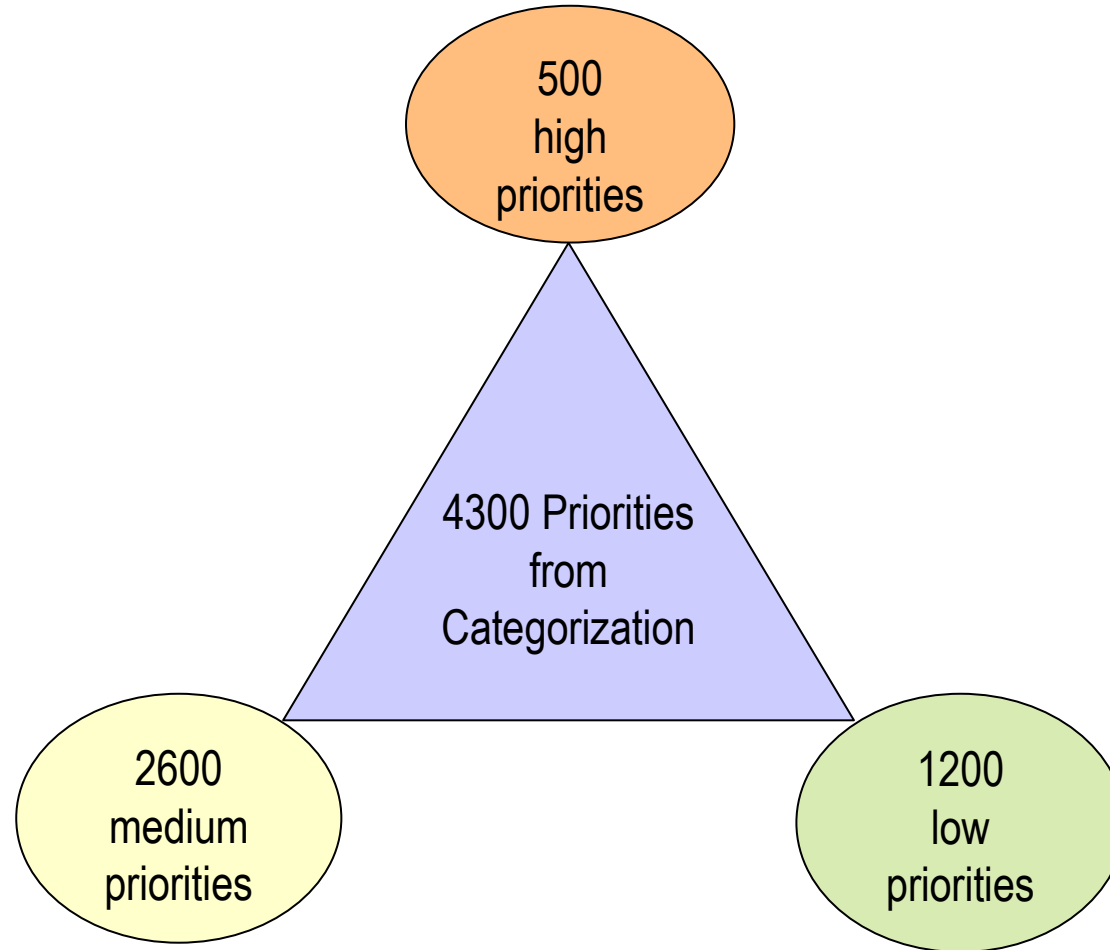


Background of Chemicals Management in Canada

- Many substances were introduced before the *new* substances provisions were introduced in CEPA 1988 and thus may not have been examined to determine their impacts on human health and environment
- In 2006, Canada completed the task of systematically sorting its approximately 23,000 existing substances
- This "categorization", identified **4,300 priority substances for further action**



December 2006 saw the launch of the CMP



An Overview of the Chemicals Management Plan

- Chemicals Management Plan (CMP) launched December 2006.
- Designed to protect human health and the environment through several major areas of action
 - Setting priorities and taking action on chemicals of concern
 - Integrating chemicals management activities with relevant federal legislation (e.g. CEPA, Food and Drugs Act, Hazardous Products Act)
 - Enhanced research, monitoring and surveillance
 - Recognizing industry stewardship and responsibility for the legacy substances introduced before pre-market evaluations were mandatory
 - Communications to Canadians on the potential risks of chemical substances
 - International collaboration to strengthen chemicals management



Program: Risk Assessment and Risk Management

- **High Priority Substances**

- The Challenge - release in batches of 12-15 every 3 months
- Petroleum stream – 164 substances
- No longer in commerce - 145 high-hazard substances - addressed through use provisions requiring pre-notification before reintroduction into marketplace

- **Medium Priority Substances**

- Currently developing approach

- **Low Priority Substances**

- Rapid screening using worst-case exposure scenarios – resulted in declaring 754 “not toxic”



Program: The Challenge: progress to date

Milestones	Batch #											
	1	2 + BPA	3	4	5	6	7	8	9	10	11	12
Launch of batch: Substance profile of technical data; 4-6 month call for information (s.71 Notice, voluntary questionnaire)	√	√	√	√	√	√	√	<i>Not yet initiated</i>				
Close of call for information & compilation of data	√	√	√	√	√	<i>Not yet initiated</i>						
Publication of Draft Screening Assessment Reports (SAR) and risk management scopes for a 60-day public comment period	√	√	√	<i>Not yet initiated</i>								
Publication of Final SAR and proposed risk management approach (60-day public comment period for risk management approach)	√ (9 of 15 toxic)	√ (9 of 17 toxic)	<i>Not yet initiated</i>									

7 – December 12, 2008



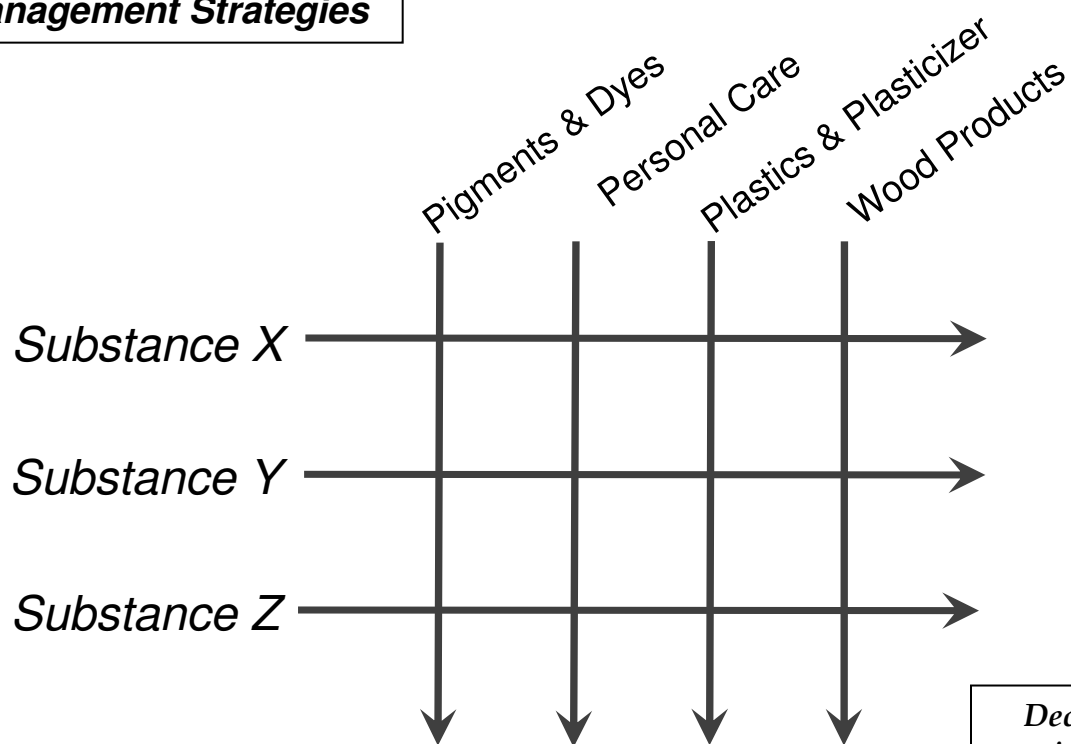
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Integration within and across substances and sectors...

Integrated Risk Management Strategies



Decisions required on whether risks will be managed under CEPA, FDA, HPA or PCPA



Risk Management Transformation

- **Early Engagement**
 - Risk Management **Scopes** released with draft assessments
 - Risk Management **Approaches** released with final assessments

- **Sector Strategies:**
 - **Petroleum Sector** – 164 high priority substances
 - Working with industry to develop streams for common approaches to assessment and management
 - **Plastics** – 82 Challenge substances
 - Proposed Working Group - Suppliers (Raw materials & polymer manufactures); Compounders; Plastic Processors and brand owners
 - **Paints and Coatings** – 43 Challenge Substances
 - Oversight Committee and Technical Working Group
 - **Forest Products** ~25 Challenge Substances
 - Technical Working Group and Industry producing specific s.71 guidance
 - **Opportunities** – Personal Care, adhesives and sealants , cleaning products, Textiles



Risk Management Transformation – cont.

- Product Strategies (examples)
 - Flame Retardants – 6 in challenge
 - Electronic Equipment – 46 challenge substances
 - First industry meeting - Nov 26th
- Substance Strategies -
 - Similar Substances with similar uses, precursors, etc. may in in different batches or in medium priorities
 - Determining if these substances be managed by similar approaches
- Geographic Strategies
 - Strategic use of existing Great Lakes programs - For example, the Great Lakes Binational Toxic Strategy's ??



International Regulatory Cooperation - Strengthen assessment and management efforts

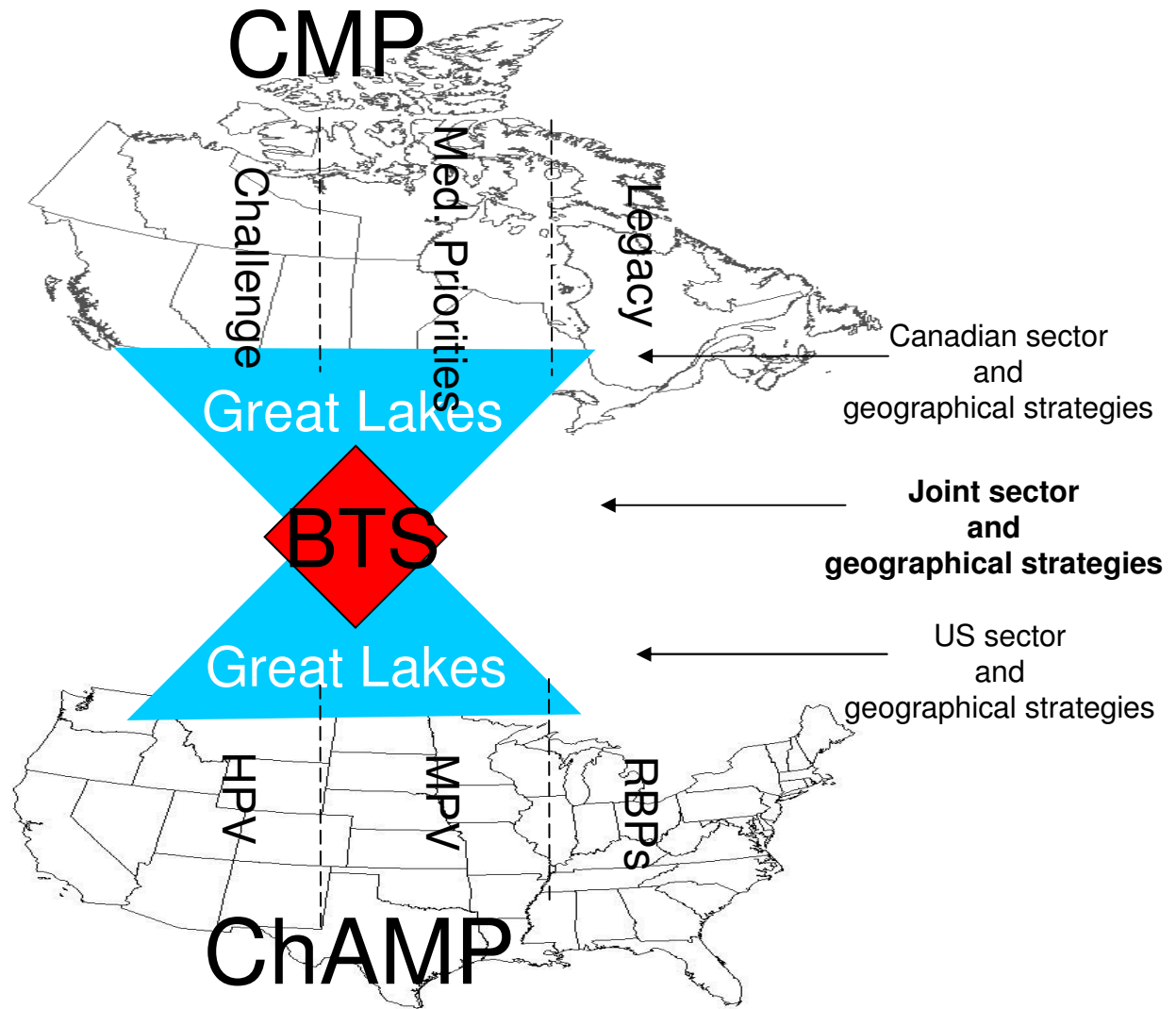
- Regulatory cooperation is a key component of Canada's CMP:
 - Exchange of information and knowledge
 - Enhance, where appropriate, coordination of risk assessment and risk management programs
 - Seek opportunities to address substances of mutual concern
 - Support mechanisms that promote reduction in foreign sources of pollution
- North American Regional Cooperation on chemicals is essential to protect the Great Lakes
 - Sound Management of Chemicals – CEC
 - Statement of Intent on Regulatory Cooperation (Can, US, Mexico) recognizes the need for strengthening existing cooperative activities
 - [Canada-EU Regulatory Cooperation Roadmap]



GLBTS provides unique opportunities to advance and strengthen Canada's management of chemicals under CMP

- While the CMP is a federal plan, and the GLBTS deals with regionalized issues in the Great Lakes Basin, they are congruent in many ways:
 - Aimed at the Sound Management of Chemical Substances
 - Improve understanding of the sources, fate and impacts of harmful chemicals
 - Understanding and addressing human health and environmental risk from harmful pollutants
- The GLBTS provides an opportunity for continued collaboration with the United States and stakeholders for the management of chemicals
 - One third of Canada's highest priority substances under the Chemicals Management Plan will also be considered under ChAMP
 - Successful binational multi-stakeholder participation
 - Opportunity for actions to protect Great Lakes and to inform national actions and priorities





GLBTS and CMP – mutually reinforcing

The GLBTS forum can be used to support and advance the CMP through:

1. taking 'early action' of substance of concerns to the Great Lakes;
2. identifying emerging issues that the CMP could formally assess;
3. ensuring the concerns of the Great lakes are taken into consideration during the assessments and development of actions under CMP (through stakeholder input); and
4. generating information (through mechanisms such as monitoring) to inform CMP.
 - CMP monitoring program is an excellent example of how the CMP has significantly improved collaboration between research, monitoring, RA and RM
 - Monitoring is an important piece in closing the 'CEPA Cycle' loop.



GLBTS and CMP – mutually reinforcing.../2

- Provides opportunity for early voluntary initiatives on CMP substances
 - Could facilitate sector & geographic approaches
 - Work within value chains
 - Action on common substances of concern (Can/U.S.)
- Delivery mechanism supporting commitments of Can-US-Mexico Statement of Intent
- Stakeholder Engagement
 - Opportunity to work within this forum to ensure Great Lakes concerns are taken into account in national programs



Chemicals Management Plan

Research

Challenge

Monitoring

Medium Priorities
(Post-challenge)

Instrument Delivery

Great Lakes Programs

- Coordinate research in the Great Lakes to identify emerging substances of concern (future priorities for CMP/Great Lakes)

- Consultations with Great Lakes stakeholders to identify issues of concern within Great Lakes Basin relevant to assessments and instrument development
- Management of toxics emerging from Challenge for issues specific to Great Lakes

- Extensive ongoing monitoring in the Great Lakes
- Opportunity to link CMP Monitoring with monitoring in US, Ontario and Great Lake States

- Identifying post-Challenge substances of concern in GL Region
- Encouraging proactive risk management of toxics emerging from Challenge
- Integrate regional perspective into national sectoral approaches

- GL programs will be integral in implementing RM instruments and Compliance Promotion:
- Great Lakes region is a major area of industrial importance
- Opportunities to work within supply chain

Coordination

