

7th Canadian Pollution Prevention Roundtable

The Fairmont Palliser • Calgary, Alberta, Canada

June 11 & 12, 2003



Cover Photo courtesy of Tourism Calgary • 1-800-661-1678

Canada's foremost pollution prevention (P2) event of 2003 is set! The Canadian Pollution Prevention Roundtable provides a platform to stimulate, develop and share new initiatives and ideas amongst pollution prevention practitioners that lead to the implementation of P2 concepts and approaches on the road to sustainability.

As practitioners we need to continue to harness our collective efforts and enthusiasm for P2 in order to facilitate improved environmental management across all levels of society. Learn how others are strengthening linkages between pollution prevention and climate change, energy efficiency, clean air, toxics reduction and improved health and safety. The program for this year's roundtable demonstrates that pollution prevention has reached a critical mass, it has a role to play in emerging issues and continues to meet the challenges it faces.

Join leading practitioners and the most preeminent P2 experts to:

- learn how leaders in municipalities and industries are incorporating P2 into their activities
- explore the relationship between pollution prevention and the latest tools such as life cycle value assessment and the natural step framework
- share your thoughts on the challenges and opportunities for mobilizing P2 initiatives in small and medium-sized businesses

For the first time Alberta will serve as the host of the Canadian Pollution Prevention Roundtable. We thank our Albertan hosts for their warm Western hospitality!

PROGRAM SPONSOR



7th Canadian Pollution Prevention Roundtable

Greening the 7th CPPR

Efforts have been made to make the 7th Canadian Pollution Prevention Roundtable the “greenest” event yet. Activities related to communications, conference catering, materials, travel offsets, accommodation facilities were coordinated to make the event as environmentally friendly and sustainable as possible. A few of these activities include:

- To minimize the environmental footprint of the conference, the Canadian Pollution Prevention Roundtable is sponsoring the planting of trees in Alberta through the Tree Canada Foundation to offset the estimated CO₂ by travel and accommodations.
- CPPR participants traveling by air are encouraged to take the hotel shuttle, the Airporter, from the airport to the hotel.
- The hotel selected is certified by the Hotel Association of Canada (HAC) Green Leaf™, Eco-Rating Program.

Welcome Reception *Tuesday, June 10, 2003 - 7:00 p.m. to 9:00 p.m.*

This reception generously sponsored by Industry Canada welcomes roundtable participants and other sponsors. It is a great chance to meet friends - old and new - on the first evening preceding the conference. Join us in the Penthouse of the Fairmont Palliser.

Dinner *Wednesday, June 11, 2003*

An informal dinner sponsored by the City of Edmonton is included as part of the registration of the Canadian Pollution Prevention Roundtable. Come take part in this unique evening of Alberta hospitality at Canada's largest living historical village! Discover the old west right in the heart of Calgary.

This exciting evening will be held at the Wainwright Hotel inside Heritage Park which is located at 1900 Heritage Drive S.W., Calgary, Alberta. Remember the dress code is casual!

(Buses will be leaving The Fairmont Palliser lobby at 6:00 p.m. sharp.)

Co-chairs

- | | |
|---------------|---|
| James Riordan | Environment Canada, National Office of Pollution Prevention |
| Chris Wolnik | Canadian Centre for Pollution Prevention |

Steering Committee

- | | |
|-------------------|---|
| Cheryl Baraniecki | Environment Canada - Prairie Northern Region |
| Wayne Barchard | Environment Canada - Atlantic Region |
| Brent Baxter | Nova Scotia Department of Environment & Labour |
| Lori Fryzuk | Environment Canada - Ontario Region |
| John de Gonzague | Environment Canada, National Office of Pollution Prevention |
| Anjanette Tomac | Canadian Council of Ministers of the Environment |
| Cheryl Gonsalves | University of Toronto |
| Fred Granek | Ontario Centre for Environmental Technology Advancement |
| Colin McKean | Global Environmental Management Systems |
| Sue McKinlay | Canadian Centre for Pollution Prevention |
| George Murphy | Alberta Environment |
| Nina Novak | Datacomp Ltd. |
| Sarah Parker | Canadian Vehicle Manufacturers' Association |
| Trudy Pedrosa | S.E.A.L. International |
| Fariha Pannu | Ontario Ministry of the Environment |
| Shelley Strain | Emery Creek Environmental Association |
| Jeff Taylor | Environment Canada - Pacific & Yukon Region |

At the Roundtable

Workshop - Tuesday, June 10, 2003, 8:30 a.m. - 4:30 p.m.

Alberta Room

Pollution Prevention Opportunities – A Technical Workshop

Presented by the Canadian Pollution Prevention Roundtable's Pollution Prevention Planning Workgroup

Identifying pollution prevention opportunities in a facility is a key building block for any successful P2 program or P2 Plan.

This identification process takes considerable skill and resourcefulness. The Pollution Prevention Opportunities workshop will provide an opportunity for consultants, industry, government and NGO representatives to hone their P2 identification skills at a technical level with a Calgary area facility.

This one day hands-on workshop will be split into two components. The morning session will provide an overview of P2, background information about the host facility, tools used to identify P2 and information to promote the P2 options identified in the preparation of a business case. In the afternoon, small groups will be led through a local facility by experienced group leaders. You will identify P2 activities already happening and opportunities for additional P2.

This workshop will present the latest tools used to identify P2 opportunities by those who are well versed in using them.

Participants will:

- Learn from their peers.
- Enhance their technical knowledge of P2, fostering continual improvement.
- Leave with skills that will assist in strengthening P2 programs at their own facilities or those that they service.



Canadian Council
of Ministers
of the Environment

Le Conseil canadien
des ministres
de l'environnement

CCME Pollution Prevention Awards

The Canadian Council of Ministers of the Environment's (CCME) 2002 Pollution Prevention Awards will be presented at the Canadian Pollution Prevention Roundtable. The CCME P2 Awards recognize businesses and organizations showing leadership and innovation in pollution prevention in up to six categories.

- Small Business
- Medium Business
- Large Business
- Organization, Institution or Group
- Pollution Prevention Innovations
- Pollution Prevention - Greenhouse Gases

For more information on the CCME P2 Award program visit:
www.ccme.ca/initiatives/ and click on 'Pollution Prevention'



7th Canadian Pollution Prevention Roundtable Agenda

Tuesday, June 10, 2003

8:30 a.m. to 4:30 p.m. **Workshop - Pollution Prevention Opportunities – A Technical Workshop** Alberta Room
7:00 p.m. - 9:00 p.m. **Welcoming Reception** Penthouse

Wednesday, June 11, 2003

7:30 a.m. **Registration and Continental Breakfast** - Crystal Ballroom Foyer

TIME Crystal Ballroom

8:30 a.m. **Welcoming Remarks & Introductions**
Canadian Pollution Prevention Roundtable Co-chairs

Keynote Speakers

Status of Pollution Prevention/Cleaner Production Worldwide
Don Huisingsh, University of Tennessee
Natural Capitalism
Chris Page, Rocky Mountain Institute

10:00 a.m. **BREAK** - (Coffee / Tea)

Marquis Room

10:30 a.m. **Municipal P2**
Identify and Quantify the Storage, Release and Use of Toxic Substances in Severn Sound
Karen Yang, Environment Canada - Ontario Region
Path Forward for Managing Municipal Wastewater Effluent
Claude Fortin, Environment Canada - National Office of Pollution Prevention (NOPP)
Municipal P2 Activities in Mexico
Oscar Zárate, City of Naucalpan, Mexico

Turner Valley Room

Strategies for Mobilizing SME P2 (Working Session)
Understanding Chemical Use in SME's
Michael Guilcher, Eco-Efficiency Centre
Toronto Sustainability Program
Fred Granek, Ontario Centre for Environmental Technology Advancement
Government Framework for Addressing SME Manufacturers
Dan Roumbanis, Environment Canada - Ontario Region
Texas Commission on Environmental Quality Small Business Initiative
Ken Zarker, Texas Commission on Environmental Quality

Alberta Room

Industrial, Commercial and Institutional P2-Greenhouse Gas(GHG) Reduction
Alcoa Voluntary Agreement with PQ Government on GHG Reduction
Lise Sylvain & Gilles Dufour, Alcoa Primary Metals
BP Canada Energy Program
Bryan Forsyth, BP Canada
The Beer Store
Jeff Newton, Brewers of Canada
Sustainable Development for Reducing GHG Emissions and Providing Savings to the Health Care Communities
Dusanka Filipovic, Blue Zone Technologies

12:30 p.m. **LUNCH** - Crystal Ballroom

CCME P2 Awards

Guest Speaker - Hon. David Anderson, Minister, Environment Canada

2:30 p.m. **SME P2**
Ontario Drycleaning Project
Lori Fryzuk, Environment Canada - Ontario Region
to
4:30 p.m. Business Environmental Pledge Programme - Linking Environmental Sustainability & Profitability
Dawn Ross, Business Environmental Pledge Programme
RiverSafe Carwash Campaign: The Challenge of Integrating Municipal P2 and Industry Certification into Residential P2 Programming
Deanna Coop, RiverSides Stewardship Alliance

Regulatory Integration
Federal P2 Requirements under CEPA
Catherine Ponsford, Environment Canada - NOPP
2000 Survey of Environmental Protection Expenditures
Jeff Fritzsche, Statistics Canada
Ontario MOE Compliance Assistance Initiatives
Daniel Cayen, Ontario Ministry of the Environment
Voluntary Initiatives as Complements to Regulation: The Industry Canada Perspective
John Dauvergne, Industry Canada

Tools for Improved Environmental Management
Greenhouse Gas Emission Management Systems
Mansoor Mahmood, Jacques Whitford Environment Limited
Feasibility Study for the Production of Agricultural Products and Commodity Chemicals Using Hog Manure
Thomas Levy, Student, Carleton University
Comparative Case Studies of Industry, Consultant, and Government Initiated P2 Assessments
Bruce Taylor, Enviro-Stewards Inc.
Life Cycle Value Assessment as a P2 Tool
Jim Diamond, Pembina Institute

Casual dinner and evening of Alberta hospitality at Heritage Park (Buses leaving hotel lobby at 6:00 p.m.)

7th Canadian Pollution Prevention Roundtable Agenda

Thursday, June 12, 2003

7:30 a.m. **Continental Breakfast** - Crystal Ballroom Foyer

TIME	Crystal Ballroom	Turner Valley Room	Alberta Room
8:30 a.m.	<p>Alberta Initiatives A Building on an Energy Diet <i>Stacey Schaub-Szabo, Alberta Research Council Inc.</i></p> <p>Alberta's Clean Air Strategic Alliance P2 Continuous Improvement Framework <i>George Murphy, Alberta Environment and Myles Kitagawa, Toxics Watch Society of Alberta</i></p> <p>Applying Industrial Ecology Principals in Alberta's Industrial Heartland <i>Larry Wall, Alberta's Industrial Heartland</i></p>	<p>Mercury The Use & Fate of Mercury-Containing Products: Addressing 40% of Canada's Mercury Emissions <i>Leah Hagreen, Mercury Recovery Fund</i></p> <p>Mercury Use, Release and Reduction Initiatives at Nova Scotia Hospitals <i>Les Rutherford, Environment Canada - Atlantic Region</i></p> <p>Hospital P2 Planning <i>Linda Varangu, Canadian Centre for Pollution Prevention</i></p>	<p>Municipal The "Made in Burlington" Environmental Management Plan <i>Lynn Robichaud, City of Burlington</i></p> <p>Implementing a Corporate-Wide Municipal EMS: P2 Challenges for Municipalities <i>Alex Eddington, City of Calgary</i></p> <p>The CO2RE Initiative - A Community Plan to Reduce Greenhouse Gas Emissions in Edmonton <i>Mark Brostrom, City of Edmonton</i></p>
10:00 a.m. BREAK - (Coffee / Tea)			
10:30 a.m.	<p>Industrial P2 The ARET 2 Program - Canada's Flagship National Voluntary Program <i>Fred Meth, Environment Canada - NOPP</i></p> <p>Health & Safety Benefits of P2: An Overview <i>Jim Armstrong, Crown Cork & Seal</i></p> <p>Promoting Cleaner Production in Vietnam: The Role of Training & Education in Strengthening Eco-Industrial Behaviour <i>Cheryl Gonsalves, University of Toronto</i></p> <p>Connecting P2, EMS & Regulatory Affairs Management: A Case Study from the Distilled Spirits Sector <i>Raegan Bunker, IndEco Strategic Consulting Inc. and Tara Abramson, Bacardi Canada Inc.</i></p>	<p>Making Connections Pollution Prevention and Ecological Landscaping <i>Alexander Dowie, BDE Consulting Group, Inc.</i></p> <p>Residential Wood Combustion: Towards a Healthy Environment for Canadians <i>Paul Walters, Health Canada</i></p> <p>Modeling the Costs of Environmental Policies in Canada <i>Nic Rivers, Student, Simon Fraser University</i></p> <p>The ENERGY STAR Initiative in Canada <i>Gisèle Maillet, Natural Resources Canada</i></p> <p>Switching for Efficiency in the Yukon: The 2002 Fridge Exchange <i>Janne Hicklin, Energy Solutions Centre</i></p>	<p>Extended Producer Responsibility - E-Waste The Trade Union Movement and Extended Producer Responsibility <i>Nick De Carlo - CAW Canada</i></p> <p>Extended Producer Responsibility for End-of-Life Electronics <i>Michael VanderPol, Environment Canada - National Office of Pollution Prevention (NOPP)</i></p> <p>E-Waste Recycling <i>Shelley Whatmore, Maxus Technology Inc.</i></p>
12:30 p.m. LUNCH - Crystal Ballroom			
1:30 a.m.		<p>Community Based P2 Sustainability Indicators - Neighbor Level <i>Ray Victorine, Sustainable Seattle (Invited)</i></p> <p>Living Greener: Bringing The Environment Home <i>Fred Schaad, City of Kelowna</i></p> <p>Linking Public and Environmental Health at the Community Level <i>Jack Luskin, University of Massachusetts</i></p>	<p>Tools P2, EMS & Sustainability - How do they fit together? <i>Colin McKean, Global Environmental Management Systems</i></p> <p>Implementing the Systems Approach to P2 <i>Bob Pojasek, S.E.A.L. International</i></p> <p>Sectoral Cost-Benefit Analysis for Non-Regulatory Instruments <i>Stewart Forbes, Jacques Whitford Environment Limited</i></p>
Crystal Ballroom			
3:00 p.m.	<p>The Natural Step Framework & Pollution Prevention <i>(Working Session)</i> <i>Chad Park & Pong Leung, The Natural Step Canada</i></p>		
4:15 p.m. Closing Remarks			

Hotel and Travel Information

Accommodations

A group of rooms has been blocked at the Fairmont Palliser at a special rate of \$149.

Please make your reservation directly to the Fairmont Palliser at (403) 260-1230 or by calling 1-800-441-1414. Room availability at this special rate for the conference is available until May 11, 2003. Book ASAP to avoid disappointment. After this date, reservations will be subject to availability, and higher rates may apply.

It is imperative that CPPR delegates identify themselves as being with the Canadian Pollution Prevention Roundtable and/or use reservation ID #CCPPP.

The Fairmont Palliser
133 9th Ave. S.W.
Calgary, Alberta T2P 2M3
Canada

Phone the hotel at (403) 260-1230 or by calling 1-800-441-1414.

Travel

Airport Shuttle

The Airporter Hotel Bus Service provides timely and affordable service between the Calgary International Airport and downtown Calgary.

Tickets are available from the airport kiosk on the 'Arrivals' level in the main terminal.

Tickets Prices:

\$9 Adult - One Way

\$15 Adult - Return Trip

Check the Airporter website for further details at www.cardinal-cal.com/airporter_printer_friendly.htm

Registration Fees Chart

	Members * & Speakers	Non-Members
Two Day Session – <i>Payment received by May 11, 2003</i>	\$325	\$385
Two Day Session – <i>Payment received after May 11, 2003</i>	\$385	\$445
One Day Session	\$250	\$275
Two Day Session – ENGO **	\$250	\$275
Two Day Session – Student Rate ***	\$200	\$250
P2 Opportunities Workshop	\$110	\$130
Additional Dinner Tickets for June 11, 2003	\$30	\$30

**You must be a member of the C2P2 to receive the member registration rate. A single C2P2 membership allows 5 people from an organization the discounted rate, in addition to many benefits throughout the year. See "Membership Rates" below.*

***to qualify for the ENGO rate you must be a representative of an environmental "grass roots" registered charity. This excludes para-governmental organizations and professional trade associations.*

****to qualify for the student rate you must:*

- 1. be a full-time student at a college or university in an environmental related discipline.*
- 2. attach a copy of both sides of your student i.d. card to your registration and present the original on-site.*

Membership Rates

Corporate: \$350

- private industry, trade associations, consultants
- annual revenues > \$ 300 K

Small Business: \$250

- private industry, trade associations, consultants
- annual revenues < \$ 300 K

Government: \$350

- Federal / Provincial

Municipalities:

- population > 50,000 \$ 350
- population < 50,000 \$ 250

Institutions: \$250

- healthcare and academia

Non-governmental Organizations (ENGO): \$200

- specifically environmental "grassroots" organizations

Registration Form

Register by May 11, 2003

To register, complete the registration form below and mail with your payment to the Canadian Centre for Pollution Prevention at 100 Charlotte Street Sarnia, ON N7T 4R2. Fax your completed registration form to Sue McKinlay at 1-519-337-3486 or register on-line at www.c2p2online.com and click on "Conferences & Training"

Cancellations made before May 12, 2003 will receive a 50% refund and cancellations made after May 12, 2003 will not receive a refund. Cancellation requests must be made in writing and will be treated on the basis of the mailing or fax date.

Name: _____

Title: _____

Organization: _____

Address: _____

City: _____ State/Prov.: _____ Zip/Postal Code: _____

Tel.: _____ Fax: _____

E.Mail: _____

Special Dietary Needs: _____

Please Indicate Event Preferences:

- Yes, I will attend the welcoming reception on Tuesday, June 10, 2003
- Yes, register me for the workshop (*additional charge will apply*)
- Yes, I will attend the dinner on Wednesday, June 11, 2003
(*Additional dinners available at \$30 each*)
- Yes, I require a receipt
- Yes, I would like to become a member. (*see membership rates*)

Roundtable Registration:

Registration Fee (see above page)	\$ _____
Pollution Prevention Opportunities Workshop	\$ _____
Additional Dinner(s) - Qty. _____	\$ _____
C2P2 Membership - (see above page)	\$ _____
Subtotal	\$ _____
GST (7%)	\$ _____
Total Amount Enclosed	\$ _____

GST #137 639 407

All registrations must include payment information.

- Cheque Visa MasterCard

Credit Card Payment:

Visa/MasterCard No.: _____

Expiration Date: _____

Cardholder Name: _____

Signature: _____

For more information,

call the Canadian Centre for Pollution Prevention at 1-800-667-9790
or visit our website at www.c2p2online.com
and click on "Conferences & Training"

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