



Information Bulletin

December 2, 2009

MEIA Gold Charter Members



Silver Charter Member





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MEIA

MEIA Events

Transportation of Dangerous Goods

Wednesday, January 20, 2010
 Norwood Hotel, 112 Marion Street

Registration & Breakfast: 7:30 a.m.
 Presentation: 8:00 - 9:00 a.m

Presented by: Transport Canada

This breakfast learning session will provide a general overview of Transportation of Dangerous Goods regulations including recent amendments.

Click [here](#) to register

Remediation and Prevention

The goal of this conference is to connect innovative research with environmental professionals, fostering the progression of knowledge and strengthening business relationships. It is recommended for engineering firms, environmental consulting

firms, government and regulatory bodies, energy companies, students, university professors and others.

Some of the topics to be covered include:

Phytoremediation and photoinduced toxicity of environmental contaminants

Bioaugmentation of trichloroethylene (TCE)

Soil vapour intrusion mitigation systems

Case Study: IKO site remediation

The true cost of remediation - incorporating sustainability and internalizing externalities

The conference will begin at 9:00 a.m. Concurrent sessions will be held throughout the day; closing remarks at 4:00 p.m.

A draft agenda will be posted here soon.

Registration and Breakfast: 8:30 A.M

Register before January 31, 2010 to take advantage of these early bird rates!

Click [here](#) to register

The 2010 conference is sponsored by:

PLATINUM



Silver



Industry Standard Emergency First Aid Course

Wednesday, March 3, 2010

B-390 Provencher Blvd

*Workplace Safety and Health regulations state that an employer must ensure that a minimum number of first aiders are present during working hours at a workplace.

Workplace Safety and Health requirements: 1 person trained for every 11 employees (minimum).

The Manitoba Environmental Industries Association in conjunction with Canadian First-Aid Training offers this training at considerably reduced rates.

The full day training, from 8:30 to 4:00 p.m. includes:

Emergency First Aid w/CPR Level A
(EFA-A - CPR: Adult - 1+2 rescuers) - (Industry standard course)

Best practice - Expires after 1 year. Good for 3 years

To view all that the course includes, click [here](#)
This \$55 price can't be beat! Register [here](#)

Annual General Meeting

Wednesday, April 21, 2010
Canad Inns Fort Garry - 1824 Pembina Hwy

Keynote speaker and further details to follow.

Breakfast and registration: 7:30 a.m

(Please note that if you are not joining us for breakfast, you can attend the AGM at no cost. Please confirm your attendance with the MEIA staff at 783-7090).

Click [here](#) to register

Golf Tournament

May 27, 2010
St. Boniface Golf Club

Save the date!

Click [here](#) for information on sponsorship opportunities

Thank you Golf Tournament Sponsors!

PLATINUM



Food and Beverage



Click [here](#) for information on sponsorship opportunities.

MEIA News

Emerging Issues Conference Presentations

The MEIA Emerging Issues conference was held on November 26, 2009 at the Fort Garry Hotel.

The day was a resounding success with wonderful presentations from very knowledgeable speakers.

Thank you to the following sponsors of MEIA's 2009 Emerging Issues Conference!
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ALS Laboratory Group

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Standard Aero

Hazco Environmental Services

General News

Local Interest

Strengthened Environment Act Proclaimed by Government

New Rules Give Officers More Power To Clamp Down on Failing Private Waste-water Systems: Blaikie

December 1, 2009

Provincial efforts to improve Manitoba's environment with a focus on Lake Winnipeg have taken another major step forward with the proclamation of a strengthened Environment Act, Conservation Minister Bill Blaikie announced today.

"With this legislation, we have expanded the inspection powers of environment officers and introduced a new regulation requiring the reporting of the release of pollutants into the environment," said Blaikie.

The act now requires the reporting of any pollutant that may cause, is causing or has caused an adverse effect on the environment. Additionally, under the new act, greenhouse-gas emissions from a proposed project must now be considered before a licence is issued. The act also provides environment officers with expanded power to intervene in a situation before the environment is impacted.

The strengthened Environment Act builds on the province's enhanced inspection programs, which focused initially on the north Red River corridor. The program is designed to inspect waste-water systems on residential properties in sensitive areas to ensure the environment is being protected.

The province's enhanced inspection program's first sweep focused on the north Red River corridor. The program is designed to inspect waste-water systems on residential properties in sensitive areas of the Red River corridor to ensure the environment is being protected.

Last year in the West St. Paul area, 167 properties were inspected and about 50 warning tickets issued requiring property owners to take corrective action. In the Hecla/Grindstone Provincial Park area, 542 cottage properties were inspected and 14 warnings issued. Another 46 properties will require followup inspections.

Over the coming year, the program will expand to include the Killarney Lake, St. Clements and East St. Paul areas. Additional environment officers will be hired and assigned to priority areas to protect the environment, focusing on water protection.

“All Manitobans have a shared responsibility in protecting our environment and water quality,” said Blaikie.

Source: www.gov.mb.ca

Popular Eco Calendar Now Available Throughout Province: Blaikie

2010 Version Packed With Tips On Green Living

November 20, 2009

The 2010 Eco Calendar, featuring measures that can be taken by Manitobans to protect the environment, is now available, Conservation Minister Bill Blaikie announced today.

"For the second straight year Manitobans can obtain the popular Eco Calendar," said Blaikie. "The calendar provides Manitobans with tips for saving money and protecting the environment through sustainable practices."

The calendar, produced by Green Manitoba in partnership with Manitoba Hydro, Manitoba Conservation, Manitoba Education, Citizenship and Youth, the City of Winnipeg, Miller Environmental Corporation, Tire Stewardship Manitoba, the Manitoba Association for Resource Recovery Corp. and the Manitoba Education for Sustainable Development Working Group, is available at a wide variety of outlets across the province including:

- . Safeway,
- . Sobeys,
- . City of Winnipeg libraries, and
- . most Manitoba municipal offices.

"By following the advice found on the calendars, Manitobans can collectively protect the environment and help affect positive change in our communities," said Blaikie.

Blaikie also reminded Manitobans of the A to Z list that is available on Green Manitoba's website. The list offers comprehensive tips on how to properly reuse, recycle and dispose of various unwanted items. The list can be found at www.greenmanitoba.ca.

Source: www.gov.mb.ca

Manitoba Enacts Canada's Highest Standards for Home-Heating Energy Efficiency: Chomiak

Greenhouse Gas Emissions Expected to Drop by 800 Tonnes in First Year, Homeowners Expected to See Lower Fuel Bills

November 16, 2009

As of Dec. 30, Manitoba will have the highest energy-efficiency standards in Canada for replacement furnaces and boilers used in homes and small businesses, Innovation, Energy and Mines Minister Dave Chomiak announced today.

"Manitoba is the first province in Canada to require replacement furnaces and boilers to meet such high standards of energy efficiency," Chomiak said. "This is a key step in reducing greenhouse-gas emissions and fulfils one of the requirements under the Climate Change and Emissions Reductions Act."

It is estimated the new standards will reduce greenhouse-gas emissions by more than 800 tonnes in the first year, Chomiak said, adding the reduction in emissions will increase yearly as older boilers and furnaces are replaced with high-efficiency models.

Under the new standards, furnaces will be required to have a minimum efficiency of 92 per cent, an improvement of 14 per cent from the current federal minimum standard of 78 per cent and two per cent better than the proposed federal minimum standard of 90 per cent.

Hot-water boilers will be required to have a minimum efficiency of 82 per cent and low-pressure steam boilers will be required to have a minimum of 80 per cent. This compares with the current federal standard of 80 per cent for hot-water boilers and 75 per cent for low-pressure steam boilers.

The regulations cover natural-gas or propane replacement furnaces that have an input rating not exceeding 65.92 kilowatts (kW) or 225,000 British thermal units per hour (Btu/h) and single-phase electric current. Furnaces up to this size would typically be installed in single-family residences and in some small commercial buildings.

The regulations also cover boilers that use natural gas or propane and are intended for use in low-pressure steam or hot-water central-heating systems and have an input rating not exceeding 88 kW (300,000 Btu/h). These are small boilers typically found in residential dwellings and in some small commercial buildings.

"As well as making Manitoba a greener province, these new standards will significantly cut heating bills for homeowners and small businesses," Chomiak said. "The savings for consumers and the benefits for the environment will compound every year the new standards are in place."

There will be exemptions for gas furnaces intended for installation in mobile homes, through-the-wall gas furnaces, outdoor gas furnaces and gas furnaces that are made in Manitoba for the export market.

Efficiency standards for gas furnaces and small gas boilers in new construction are under consideration for inclusion in the Manitoba Building Code, which is currently under review.

Source: www.gov.mb.ca

Canada-Manitoba Support Winnipeg Wastewater Treatment Facility

November 27, 2009

The Honourable Greg Selinger, Premier of Manitoba, and the Honourable Vic Toews, President of the Treasury Board, along with his Worship Sam Katz, Mayor of Winnipeg, today announced up to \$33 million in support for improvements to the existing South End Water Pollution Control Centre in Winnipeg.

“As a result of this investment, our waterways will be protected for future generations of Manitobans,” said Premier Selinger. “This investment in improving Winnipeg’s water quality will also create construction jobs and stimulate economic development, which have been the focus of this government.”

“Under the leadership of Prime Minister Stephen Harper, the Government of Canada recognizes the importance of supporting infrastructure projects that stimulate regional economies and create jobs for Canadians while promoting cleaner, greener living,” said Minister Toews. “We are working to get projects, such as the Wet Weather Treatment project, started now to help provide economic opportunities for Manitobans while supporting environmentally sound growth.”

“The City remains committed to improving the way we handle our wastewater and minimize our impact on the environment,” said Mayor Sam Katz. “This project is just one part of the City’s commitment to enhance our drinking water and improve wastewater control over the next several years.”

The project involves improvements to the existing South End Water Pollution Control Centre (SEWPCC) to increase the plant’s capacity to deal with wastewater during peak periods and protect the health of the Red River and Lake Winnipeg.

The total project cost is estimated at \$33 million. The Government of Canada will set aside up to one-third of total eligible costs, to a maximum federal contribution of \$11 million through the new Green Infrastructure Fund (GIF). The Province will match the federal contribution and the City of Winnipeg will provide the balance of funding.

Across Canada, the Government of Canada will provide \$1 billion over five years for the Green Infrastructure Fund. This Fund supports projects that focus on green priorities such as sustainable energy generation and transmission, along with municipal wastewater and solid waste management infrastructure.

Today's announcement continues the important steps the Province of Manitoba is taking to support economic growth by investing \$1.6 billion this year into infrastructure to stimulate the economy, create jobs, and renew the province's cultural facilities, roads, schools, health facilities and water treatment facilities.

Source: www.gov.mb.ca

Sustainable Development Innovations Fund Grants Announced

36 Projects Receive over \$567,000 in Funding Support Including Conference on Caribou, Protection of Traditional Lands, Research on Bats and Skinks

December 2, 2009

Conservation Minister Bill Blaikie today announced provincial funding support of \$567,702 for 36 projects around Manitoba through the Sustainable Development Innovations Fund (SDIF).

"Manitobans are doing their part to protect the environment and improve the quality of life within their communities," Blaikie said. "The 36 approved projects are all part of the overall goal to incorporate sustainable development practices into unique and innovative activities that will protect, enhance, conserve and rehabilitate Manitoba's environment for today and the future."

The SDIF helps fund a wide range of projects from research studies and demonstrations of new technology to community enhancement and environmental awareness across a number of education, non-government and government organizations. Other targeted funding programs under the SDIF are the Waste Reduction and Pollution Prevention Fund, Environmental Youth Corps, Manitoba Climate Change Action Fund and the Water Stewardship Fund.

More information on these programs is available at www.susdev.gov.mb.ca.

Source: www.gov.mb.ca

National

Extended Producer Responsibility

On October 29, 2009, the Council of Ministers approved in principle a Canada-wide Action Plan for Extended Producer Responsibility and a Canada-wide Strategy for Sustainable Packaging.

[Canada-wide Action Plan for Extended Producer Responsibility](#)
[Canada-wide Strategy for Sustainable Packaging](#)

Extended producer responsibility (EPR) is an environmental policy approach in which a producer's responsibility for a product is extended to the post-consumer stage of a product's life cycle. In June 2007 CCME endorsed the Canada-wide principles for extended producer responsibility.

CCME's Extended Producer Responsibility Task Group was established to provide guidance on the development and implementation of EPR and product stewardship programs, and to consider [packaging](#) as a first priority.

The EPR Task Group's mandate is to:

identify opportunities to harmonize, make consistent where appropriate, expand, and improve EPR programs;

develop general guidance on EPR issues;

identify and explore opportunities to forge strategies for new EPR initiatives; and
facilitate EPR communications and information exchange among jurisdictions

Documents

[Canada-wide Principles for Extended Producer Responsibility](#)
(17 KB) (pdf)

[PN 1397 Extended Producer Responsibility Product Evaluation Tool - User Guidance \(includes xls Evaluation Tool\)](#)

[EPR Evaluation Tool](#)

For information on:

Analysis of the Free-Rider Issue in Extended Producer Responsibility Programs – PN 1380

National Packaging Workshop, Toronto, March 12-13, 2007: Summary Report – PN 1382

National Extended Producer Responsibility (EPR) Workshop, September 27-28, 2006: Final Report – PN 1376

Please see the CCME website [here](#)

Business and Career Opportunities

Local

CCME - Review and Identification of Research Needs to Address Key Issues Related to Reactive Nitrogen (RN) Deposition and Eutrophication in a Canadian Context

Project 478-2010 – Review and Identification of Research Needs to Address Key Issues Related to Reactive Nitrogen (RN) Deposition and Eutrophication in a Canadian Context. Proposals will be accepted until Tuesday, December 8, 2009, 12:00 Noon CST. Please click on the following link for details:

<http://www.ccme.ca/contracts/index.html>

Seeking Employment

Heather Stone

Chemical Engineer

[View resume](#) [View cover letter](#)

Upcoming Conferences/Events/Trade Show

Local

Make Energy Efficiency a Top Priority

Energy Management Planning
Wednesday, December 2, 2009

Energy Efficiency Financing
Thursday, December 3, 2009

Place Louis Riel (Penthouse Room)
190 Smith Street

Dollars to \$ense energy management workshops, offered by Natural Resources Canada, allow you to explore the latest in energy management techniques while networking and sharing ideas with business, utility and government representatives.

For More Information, [click here](#)

Environmental Value Stream Mapping (VSM)

Wednesday, December 9 & Thursday, December 10, 2009
Location: Duha Color Services; 750 Bradford St.; Wpg, MB

Facilitator: Brett Wills; Sr. Consultant; High Performance Solutions (HPS)

[Details](#) / [Online Registration](#)

Learn more about how lean is used to achieve profitability through environmental sustainability

CME and Duha Color Services have teamed up to bring Brett Wills to Manitoba to show manufacturers how to eliminate a broad range of environmental waste through lean thinking and make money doing so. Using Duha processes as the practical case study, participants will leave the 2 day session with the ability to see opportunities and to be able to devise a plan to capture the savings / benefits.

For more information, please contact Tammy at (204) 949-1454. Please see the attached [bio for Brett Wills](#).

The Manitoba Green Show

February 9–10, 2010
Victoria Inn, Winnipeg

For more information see www.landscapemanitoba.com

Manufacturing Week 2010

Presented by Canadian Manufacturing and Exporters, Manitoba
March 23–26, 2010

March 23: Manufacturing and Trade Conference 2010
Discovery Hovercraft Finals; Discovery School Tours
March 24: Job Fair
March 25: Gala Awards

National

Linkages 2010

January 12, 2010.
Radisson Hotel, Saskatoon

The Forum provides a unique networking opportunity for technology researchers/innovators, private sector firms and investors to collaborate in developing and commercializing technology in the sustainable infrastructure domain. GLOBE 2010: Conference Outline Now Available

International Conference and Trade Fair on Business and the Environment

March 24-26, 2010
Vancouver, Canada

Our high-level program features over 200 expert speakers and 50 educational sessions on topics relating to: corporate sustainability, energy priorities, climate change and carbon management, sustainable finance, water, clean(er) technology, and building greener cities.

In addition to the conference, a closely integrated Trade Fair will showcase over 450 eco-efficient technologies for emissions reduction, alternative energy, transportation systems, and more.

You will be in very good company at this world-leading event, joined by 11,000 attendees from 70+ countries representing some of the most forward-thinking organizations from around the world who will converge at GLOBE to network and discuss the business case for sustainability.

For further information on GLOBE 2010, please visit the event website: www.globe2010.com.

Earlybird deadline is December 11, 2009. Register now to save \$500.

International

United Nations Climate Change Conference

December 7 – 18
Copenhagen, Denmark

For more information see www.unfccc.int

Forest Day 3

December 13, 2009
Copenhagen, Denmark

Forest Day 3 will be held on 13 December at the Radisson SAS Falconer Hotel, Copenhagen, Denmark. It will take place alongside the 15th Conference of the Parties of the UN Framework Convention on Climate Change (UNFCCC) and will be hosted by the Collaborative Partnership on Forests, the Government of Denmark and CIFOR.

For more information see www.forestday3.org

Green Building Convention 2010

February 18 – 20
Pune, India

An international convention focused on sustainable development and eco-friendly construction, scheduled to be held at the Auto Cluster Exhibition Centre, Pune, India, from the 18th to 20th February, 2010.

GBC'10 is an initiative designed to promote the concept of Green Buildings in the design, construction & operation of building projects and serves as a platform to showcase the latest products & innovations in the industry. The event also proves to be an ideal forum for exploring new business opportunities and for dissemination of knowledge in the quest to deliver sustainable development & green architecture.

Energy Transitions in an Interdependent World Conference

February 25 & 26
University of Sussex

The Sussex Energy Group at SPRU (Science & Technology Policy Research), University of Sussex is organizing and hosting an international conference to discuss and debate emerging research agendas in energy social science.

The conference will be held at the University of Sussex, near Brighton, on the 25th and 26th February 2010 and is open to academics, policy makers, industry and non-governmental organizations working in the field of energy transitions. We welcome abstracts that outline theoretically robust and empirically informed contributions to one or more of the following themes:

low carbon energy innovation; secure and resilient energy systems; the politics of sustainable energy transitions.

Further details including the full conference call and application guidelines are available from the conference website:

<http://www.sussex.ac.uk/sussexenergygroup/conference>

<<https://exchange.lse.ac.uk/exchweb/bin/redirect.asp?URL=http://www.sussex.ac.uk/sussexenergygroup/conference>>

World Bioenergy 2010

May 25-27, 2010
Jonkoping, Sweden

Conference and Exhibition on Biomass for Energy

For more information, click [here](#)