



MEIA Information Bulletin for November 17, 2008

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MEIA News

Emerging Issues

"Energy and Water Management - The Basics of Sustainability"

Thursday, November 27, 2008
 Hotel Fort Garry - 222 Broadway
 8:00 to 4:15 p.m.

Wine and Cheese Reception
 4:30 to 7:00 p.m.

To View Agenda, click [here](#)

Register Now!

MEMBERS: \$250 + GST non-MEMBERS: \$325 + GST

Register [here](#)

Sponsorship opportunities are attached [here](#).

Please call the MEIA office at 783-7090 with inquiries.

Building Better Workplaces

Thursday, December 18, 2008
Norwood Hotel – 112 Marion Street

Registration and Breakfast: 7:30 am
Presentation: 8:00 – 9:00 am

Michael Stewart, on behalf of the Manitoba Sector Training Network will introduce you to the Building Better Workplaces project for Manitoba SME's. It is intended for organizations that face a workforce-related challenge but don't have adequate HR resources and experience to address it. Building better workplaces is the affordable HR expert that helps SME's understand the cause of their issues and creates an action plan that addresses them- ultimately, contributing to improved morale, productivity and retention.

\$40 MEIA Members / \$50 Prospective Members

To register, please contact the MEIA office at 783-7090.

Watch our [website](#) for more details and on-line registration.

Remediation and Prevention

February 19, 2009

Prepare to mark your calendar, a team of MEIA volunteers and staff are putting together a full days event currently scheduled around February of 2009 dedicated to the world of remediation and prevention. The day will provide overviews covering everything from:

What's out there.

Case studies.

The regulators perspective, CCME, Provincial and Federal overviews.

Contaminated or merely impacted what does it mean to you.

Working in the north - issues with permafrost conditions.

Analytical challenges - not always what it seems.

Technologies, techniques and perhaps tricks of the trade.

This is merely a small overview of the program being pulled together for you, our membership, stay tuned for the details, block out February in your calendars, will be truly exciting.....see you there!

MEIA and MSTN

MEIA is a member of the Manitoba Sector Training Network (MSTN) and has been working together with other sector members to enhance education and training opportunities. Most recently, MEIA participated in the Opening Doors Parent Forum on November 1st. It was an outstanding day of presentations outlining career and job opportunities for young people.

For more information on the Manitoba Sector Training Network, please see the MSTN website: www.mstn.ca

General News

Local Interest

New Deal Helps MTS Allstream Green Its Vehicle Fleet: Lemieux

November 14, 2008

Up to 10 vehicles owned by MTS Allstream Inc. will now have access to E-85 fuel, Infrastructure and Transportation Minister Ron Lemieux announced today.

“We know that using ethanol-blended gasoline is a great way to reduce emissions and we congratulate MTS Allstream for getting in the driver’s seat to seek out ways to become more environmentally friendly in the operation of some of their vehicles,” said Lemieux. “MTS Allstream contacted us about purchasing fuel for a few of their vehicles to gain some experience in utilizing alternate fuels.”

E-85 fuel is produced by Husky Energy at its ethanol plant in Minnedosa. E-85 is a blend of 85 per cent ethanol and 15 per cent gasoline.

“MTS Allstream has a strong commitment to being a leader in environmental responsibility and we consider the environment in every aspect of our business,” said Kelvin Shepherd, president of the MTS Allstream Consumer Markets Division. “Access to E-85 fuel provides us with another means for MTS Allstream to meet its commitment to reducing emissions from its vehicle fleet.”

MTS Allstream will access the fuel from the province’s Fleet Vehicles Agency (FVA) fuelling facility located at 1550 Dublin Ave. in Winnipeg. At this time, this is the only provincial E-85 refuelling facility in Manitoba. E-85 is currently available for use by provincial government vehicles only, as E-85 is not yet commercially available in Manitoba. The province looks forward to fuel retailers providing E-85 in the near future, the minister said.

FVA owns and manages 480 vehicles that are able to run on regular fuel or mixtures of gasoline and ethanol, up to 85 per cent ethanol also known as flexible-fuel vehicles. Flexible-fuel vehicles have been available for the past few years at the same cost as gasoline-only vehicles.

“E-85 was a pilot project that has worked very well and garnered attention from the private sector,” Lemieux said.

Some vehicles owned by Manitoba Public Insurance and Manitoba Lotteries also use E-85 fuel in their fleets and they too have access to the Dublin fuelling facility.

The price charged to MTS Allstream for E-85 fuel reflects current market values.

“Our government encourages all Manitobans to reduce greenhouse gasses by using ethanol-blended fuel in their vehicles as E-10 is readily available,” the minister said.

E-10 is made up of 10 per cent ethanol and 90 per cent gasoline. Ethanol-blended fuels are available at most gas stations in Manitoba.

Source: www.gov.mb.ca

Province Announces New Program to Help Manitobans Save Water, Money

WaterSmart Manitoba Will Help Save at Least 80 Million Litres per Year Of Manitoba's Most Precious Resource: Melnick

November 12, 2008

Manitobans could save at least 80 million litres of water annually and households would collectively cut their water bills by \$2 million under the new WaterSmart Manitoba program, Water Stewardship Minister Christine Melnick announced today.

“We want to leave a legacy of abundant, clean water to the next generation,” Melnick said. “Our program provides incentives to reward Manitobans who make water-efficiency improvements. These incentives are part of an overall update of water conservation guiding principles to ensure we are making the best use of our most precious resource.”

The program, to be supported by a campaign educating Manitobans about the benefits of conserving water through efficient use, includes:

- Expanding Manitoba’s Power Smart loan program to include high-efficiency toilets as part of other renovations that reduce utility costs. The Manitoba government will provide funding to Manitoba Hydro to offset additional administration costs.
- Doubling the federal government’s \$50 EcoENERGY rebate for dual-flush, high-efficiency toilets by providing an additional \$50.
- Providing instant \$50 rebates for dual-flush toilets at selected retailers, following the successful model used in the cities of Toronto and Calgary.
- Investing to expand Manitoba’s provincewide, low-income, energy-efficiency program to include water efficiency.
- Launching consultations on how to restrict the sale of inefficient fixtures such as 13-litre toilets.

The minister also noted that Manitoba’s building code will be updated by 2010 to include water and energy efficiency, a measure that has been enshrined in legislation as part of the Climate Change and Emissions Reductions Act passed in June.

Melnick said \$500,000 is being invested in WaterSmart in its first year. It will be officially launched in January 2009.

More information on how to be WaterSmart is available at:
www.gov.mb.ca/seeinggreen/watersmart.html.

Source: www.gov.mb.ca

Province to Provide Additional Support for Preserving Wildlife and Plant Habitat

Critical Wildlife Habitat Program Receives 20 Per Cent Increase in Provincial Funding

November 13, 2008

A program that helps preserve the Prairie landscape that is home to Manitoba wildlife will be provided a 20 per cent increase in provincial support, Conservation Minister Stan Struthers announced today.

“New support for the Critical Wildlife Habitat Program (CWHP) will help conserve grassland habitat that is home to threatened and endangered Prairie wildlife,” Struthers said. “This support is a demonstration of our commitment to protect our natural heritage for future generations.”

The provincial grant will increase by \$10,000, bringing annual support to \$60,000 annually. The CWHP is cost shared by the province, the Manitoba Habitat Heritage Corporation and other agencies on a project-by-project basis.

“It is critical to the health of our planet that we make investments that enhance the health of native grasslands that are home to Prairie wildlife,” said Wolseley MLA Rob Altemeyer, speaking today on behalf of Struthers. “This program will ensure the continued success of this very important program.”

The Manitoba Habitat Heritage Corporation, which also helps support the program and was established in 1986, recently marked a milestone in signing its 400th consecutive conservation agreement.

Programs delivered by the Manitoba Habitat Heritage Corporation (MHHC) are part of the initiatives the Manitoba government supports to ensure producers are rewarded for being responsible stewards of the land. Other initiatives supported by government include:

- Covering New Ground – Funding is in place for various projects related to sustainable farm production practices including enhancing carbon sinks and reducing greenhouse gas emissions.
- Riparian Tax Credit – Tax incentives for producers to enable upgrades to the management of lakeshores and river and stream banks for environmental benefit.
- Retail sales tax exemption for manure treatment equipment – This incentive to promote environmentally safe handling of manure on farm livestock operations works by providing a provincial sales tax break on equipment such as slurry tanks, lagoon liners, biodigesters, composters and separation systems.
- Agricultural Policy Framework – Environmental Farm Planning and the associated Canada-Manitoba Stewardship Program (\$32.67 million between 2003 and 2008)

foster the health of soil, water, air and biodiversity through incentives from best management practices (BMPs).

- BMP water protection top-up – This program funds up to 25 per cent of the costs associated with implementing BMPs related to water management with green house gas emission reduction benefits.

- North American Waterfowl Management Plan (NAWMP) – MHHC has co-ordinated the implementation of the NAWMP partnership in Manitoba since 1986. NAWMP is an international action plan to conserve migratory birds throughout the continent. This conservation partnership operates in Canada, the United States and Mexico with a goal to return waterfowl populations to their 1970s levels by conserving wetland and upland habitat. The NAWMP component that MHHC delivers, Potholes Plus, focuses on long-term conservation and enhancement of prairie wetlands and associated habitat.

Source: www.gov.mb.ca

Glenlea an Organic Field Experiment

Research station welcomes visitors

November 17, 2008

As a former long-distance runner, I understand the value of pacing myself -- and not quitting.

At the University of Manitoba, we have applied this attitude of persistence and dedication to the Glenlea long-term organic field experiment.

The Glenlea plots, located at the University of Manitoba's Glenlea research centre south of Winnipeg, are Canada's oldest organic crop production field experiment. For the past 17 seasons, we have compared the performance of standard (conventional) practices with those using certified organic methods.

Our study also includes restored prairie grass plantings, which allow us to compare agricultural systems to natural systems. The research area covers 10 acres of land. Our research team is grateful to the U of M for infrastructure and to the many agencies and companies that have funded the research.

"You can never step into the same river twice." This ancient phrase describes what is perhaps the most important reason for having long-term studies. Long-term field-based research allows us to follow trends over time and to learn about unexpected changes in the environment.

Therefore, an important part of the work at Glenlea is collecting soil, plant and other samples annually. These samples can be analyzed immediately or stored for future analysis.

We've learned a great deal about long-term studies from scientists who have come before us. For example, the Rothamsted Classical Plots in England were started in 1843! Interestingly, Rothamsted scientists (Gilbert and Lawes) actually travelled to Manitoba in the 1880s collecting soils from around Winnipeg and Brandon. Samples from these collections still exist in the Rothamsted archive.

Here is one example of what we've learned at Glenlea. In the late 1990s, graduate student Shauna Mellish came to Manitoba to study ground beetles at Glenlea.

These little black critters are sensitive to changes in the environment, making them ideal indicator species. They also eat weed seeds, making them useful in the farming system.

Mellish discovered that having some weeds growing alongside the crop is necessary to provide beetles with a food source and keep their population healthy.

She found that certain beetles were associated with certain problem weeds. For example, the species *Harpalus pensylvanicus* tended to hang around when red root pigweed weeds were present. Red root pigweed is a problem weed in Manitoba dry bean fields. Mellish discovered the weed seed eaters (*Harpalus* and *Amara* species) were absent when crops were devoid of weeds.

This work demonstrated the value of a few weeds -- which keeps a population of weed seed-eating beetles alive and in the end herbicide use can be reduced.

Mellish's work may explain why organic farming systems have fewer weeds after five or so years. Today, she is applying knowledge gained at Glenlea to sustainable agriculture development in the Maritimes.

The Glenlea long-term plots have attracted visitors from every continent except Antarctica. Several visiting scientists have also participated in the research.

Dr. Yuying Shen from western China spent the summer of 2006 measuring nutrient supplying power of soils in the different farming systems. Dr. Lindsay Bell of CSIRO Australia will be studying soil carbon levels in the Glenlea plots next summer. Several weeks ago, the Mennonite Central Committee brought North Korean scientists to visit the plots in an effort to learn more about regenerative, sustainable food production systems.

Farmers are always welcome at Glenlea. Many farmers come to Glenlea each year to kick the tires of the alternative agricultural systems under investigation. In 2008, our high school student assistants built a small shelter -- the clubhouse -- so that

visitors have a place to rest and reflect after seeing the plots. We plan to outfit the clubhouse with solar electricity next summer so we can offer visitors a cup of hot coffee or tea.

We welcome all visitors to Glenlea, so keep an eye out for tour times listed on our website: http://www.umanitoba.ca/afs/Plant_Science/glenlea/glenlea.html.

Martin Entz is a professor of agronomy and cropping systems in the Department of Plant Science, in the Faculty of Agricultural and Food Sciences at the University of Manitoba.

Source: www.winnipegfreepress.com

National Interest

Federal Court Rules Canada Not Obligated to Meet Kyoto Targets

On October 20, 2008, the Federal Court dismissed a lawsuit filed by Friends of the Earth (FOTE) asking that the Government of Canada be ordered to comply with its obligations under the Kyoto Protocol, relying on the Kyoto Protocol Implementation Act, 2007 (KPIA), which became law on June 22, 2007. The Court held that the Act did not contain express language requiring Canada to comply with its substantive obligations under the Kyoto Protocol. The Court further held that in the absence of clear language expressly granting the Court the jurisdiction to review such issues of public policy, it could not force the executive branch of government to implement a regulatory scheme that complies with its obligations under the Kyoto Protocol.

Canada ratified the Kyoto Protocol to the United Nations Framework Convention on Climate Change (Kyoto Protocol) in December 2002. The KPIA was introduced in Parliament as a private member's bill (Bill C-288) and became law on June 22, 2007.

The federal Government did not support the Bill and had in fact stated previously that Canada would not meet its Kyoto targets. Under the Kyoto Protocol, Canada's GHG emissions were to be reduced to 6% below 1990 levels. Instead, the federal Government released its climate change plan entitled Turning the Corner in March of 2008. As a consequence of the federal Government stating that it would not honour the targets set out under the Kyoto Protocol, FOTE, a Canadian environmental NGO, commenced legal proceedings seeking declaratory and mandatory relief related to a number of alleged breaches of duty arising from the KPIA.

FOTE argued firstly that the Minister of the Environment failed to comply with the duty imposed in section 5 of the KPIA to create a climate change plan that would

permit Canada to meet its obligations under the Kyoto Protocol. Secondly, it alleged that the Government breached sections 8 and 9 of the KPIA by failing to publish proposed regulations in the Canada Gazette and failing to prepare a statement setting out the greenhouse gas emission reductions reasonably expected to result from each proposed regulatory change and from other proposed mitigation measures. Lastly, it alleged that the Government breached section 7 of the KPIA by failing to make, amend or repeal regulations to ensure that Canada met its target.

The Government argued that courts do not have the jurisdiction to order it to carry out the duties that FOTE was seeking to enforce. It argued that the KPIA creates a framework of accountability. If the federal Government does not meet the scientific, public policy and legislative goals set out therein, it will be accountable to voters at the polls, not the courts.

The Federal Court agreed. The Court determined that although it may have the ability to consider whether the Minister has failed to carry out his obligation to prepare a Climate Change plan, it does not have the ability to evaluate the contents of that plan.¹ The Court also reviewed the principles of statutory interpretation and determined that the KPIA does not require strict compliance with the Kyoto Protocol's emissions targets. It also held that if the Minister has declined to prepare a Climate Change Plan that meets the requirements of the Kyoto Protocol, and made that decision for reasons of public policy, the courts are not permitted to review and examine the merits of that decision.²

The Court also found that in the absence of clear statutory language courts do not have the jurisdiction to require that legislation be implemented. It held that "it is undeniable that an attempt by the Court to dictate the content of the proposed regulatory arrangements would be an inappropriate interference with the executive role."³ Because there is no express language in the KPIA setting out Parliament's intention that Canada was required to strictly adhere to its Kyoto Protocol commitments, the Court was unable to impose a duty on the Government to implement a regulatory framework that would contain such substantive requirements. Therefore, the Court determined that the KPIA excludes judicial review over issues of substantive compliance with the Kyoto Protocol.

The Court dismissed FOTE's application, but did leave the door open to the possibility that it may have the ability to order the enforcement of mandatory elements of the KPIA such as the requirement of the preparation and publication of Climate Change Plans, statements and reports. However, those aspects of the KPIA were not raised by the FOTE in its applications.

The decision gives the green light to the Government to proceed with its "made in Canada" climate change strategy, Turning the Corner, which is not tied to the Kyoto Protocol and is not expected to result in Kyoto compliance. The decision also allows the Government to explore a bilateral climate change agreement with the United States as an alternative to the multilateral Kyoto approach. The Government

announced its intention to pursue such an agreement on November 5, 2008, the day after the US election.

The full decision of the Federal Court can be viewed at:
<http://decisions.fct-cf.gc.ca/en/2008/2008fc1183/2008fc1183.html>.

Prepared by [Lisa Jamieson](#)

Source: Gowlings

What Happens to the Environment Industry in an Economic Downturn?

In the past several weeks, as the economic news has become progressively bleaker, many in the environment industry are wondering what impact this will have on their firms and the sector as a whole.

At ONEIA, we've been talking with a number of our members about what they are currently experiencing - and what they feel our entire industry might expect in the coming months. In our new online newsletter, we have summarized what we've heard.

www.oneia.blogspot.com

We've shifted to an online blog format to begin a discussion that those across our industry can join. We look forward to your own predictions, questions and observations.

Source: www.oneia.ca

World Energy Outlook – 2008

November 14, 2008

The world's craving for energy will grow 45 percent by 2030 with coal accounting for more than a third of the overall rise, according to the latest edition of the annual World Energy Outlook published by the International Energy Agency (IEA).

But current trends in energy supply and consumption are patently unsustainable - environmentally, economically and socially - they can and must be altered, said Nobuo Tanaka Executive Director of the IEA.

"Rising imports of oil and gas into OECD regions and developing Asia, together with the growing concentration of production in a small number of countries, would increase our susceptibility to supply disruptions and sharp price hikes," he said at the launch of the new report in London.

The [World Energy Outlook 2008](#) says China and India account for over half of this increase and the Middle East for 11 percent because of their continuing strong economic growth forecast to last through the next two decades.

Experts at the Paris-based organization think that non-hydro renewable energy sources - wind, solar, geothermal, tide and wave energy - will grow faster than any other source. They predict that renewable technologies will overtake gas to become the second-largest source of electricity in the world, behind coal, soon after 2010.

Demand for oil, on the other hand, will keep growing from 85 million barrels per day currently to 106 million barrels by 2030. Most of the increase in oil supply will come from the Organization of the Petroleum Exporting Countries (OPEC), whose share is projected to rise from 44 percent in 2007 to 51 percent in 2030. "Non-OPEC conventional oil production is already at plateau and is projected to start to decline by around the middle of the next decade," says the report.

The increase in oil production hinges on adequate and timely investments. The fear is that oil companies, affected by the credit crunch, will be unable to invest in new projects which would mean less available oil at affordable prices in the years to come. The agency says energy firms need to invest more than \$26 trillion by 2030 - nearly \$1 trillion a year - to meet world demand without triggering an economic slowdown.

But that might prove difficult. Two companies, ConocoPhillips and Saudi Aramco, have already postponed construction of a multibillion-dollar refinery in Saudi Arabia because of uncertain market conditions, according to the [Associated Press](#). Marathon Oil has also delayed the expansion of a refinery in Detroit.

"It is not an exaggeration to claim that the future of human prosperity depends on how successfully we tackle the two central energy challenges facing us today: securing the supply of a reliable and affordable energy; and effecting a rapid transformation to a low-carbon, efficient and environmentally benign system of energy supply. What is needed is nothing short of an energy revolution," says the report.

It calls for households, businesses and those who drive vehicles to change the way they use energy. At the same time it wants governments to create financial incentives and modify regulations so that energy suppliers look into low-carbon technologies. The IEA suggests lifting the billions of dollars in subsidies that help

people pay less for their daily consumption of energy - the 20 largest non-OECD countries, for instance, flooded their markets with \$310 billion in subsidies in 2007.

The world, however, is not running out of oil and gas. The IEA says conventional oil reserves are large enough to support the projected rise in demand beyond 2030. And that does not even take into account non-conventional oil resources which have been barely developed to date. "Between 1 and 2 trillion barrels of oil sands and extra-heavy oil may be ultimately recoverable economically," says the report.

Despite price volatility - the price of a barrel of oil peaked at \$147 in July before closing in on \$50 in November - the fossil fuel remains the dominant source of energy for the next several years. The trick will be to find a balance between producing enough oil to meet demand and finding other sources of energy without altering the world economy.

The report also analyses policy options for tackling climate change after 2012, when a new global agreement - to be negotiated at the UN Conference of the Parties in Copenhagen next year - is due to take effect. Using two basic models or scenarios for energy growth, the analysis argues a hybrid policy approach, comprising a combination of cap-and-trade systems, sectoral agreements and national measures will be needed to keep greenhouse gas emission levels - and corresponding global temperature increases - at acceptable levels.

If nothing is done, says the report, "Energy-related emissions of carbon dioxide and other greenhouse gases will rise inexorably, pushing up average global temperature by as much as six degrees Celsius."

Mr. Tanaka noted. "It is clear that the energy sector will have to play the central role in tackling climate change." The analysis set out in this Outlook will provide a solid basis for all countries seeking to negotiate a new global climate deal in Copenhagen, he added.

The report clearly indicates that both industry and governments must act quickly to steer the world toward a cleaner, cleverer and more competitive global energy system. Nothing less than the future of the planet depends on it!

For More Information: [International Energy Agency](#)

Source: www.globe-net.ca

Think Green Alliance Formed

November 10, 2008

Today, more and more businesses are going green, and never before has there been such a demand for conservation techniques, products, and services. As a result, the Think Green Alliance aims to become a central portal for green information, best practices and a meeting place for green businesses -- from companies that are already established environmentally to companies that are new to thinking green and need a place to start.

Established in March 2008 and launched on June 1, 2008, the Think Green Alliance gives its members access to information and services of the 39 environmentally committed members.

"The main goal for me is to bring a message to the Canadian marketplace that green technologies can be practical, the impact can be measured effectively, and it's not going to break your bank to do it," said Jean-Jerome Baudry, CEO of Baudry Cybernomics Corporation and founder and secretary general of the Think Green Alliance.

"We're trying to generate a lot of dialogue, we're serious about it, and we're proud of it."

The Think Green Alliance, which was launched by Baudry Cybernomics, was originally conceived as part of a larger Green IT project.

"Last year we celebrated our 15th anniversary," said Kim Gardner, manager of business development for Baudry Cybernomics. "At that time we announced that one of our initiatives in the future was to start a multi-disciplinary, multi-industry group in order to bring more public awareness to the green business arena."

Baudry Cybernomics, which specializes in the application of sound business principles in the selection, engineering and adoption of technology, has adopted Green IT as a foundation of its business plan.

"We've been focusing on Green IT and technologies for over three years, and we've had a great deal of success in the adoption of Green IT services and approaches," said Baudry. "We're at the point where 80 per cent of our customers are adopting these technologies."

"That's when we started the Think Green Alliance, for companies that want to implement green business plans into their organizations," Baudry continued. "We founded the Alliance to be a central portal and a meeting place for these various areas of expertise, so our customers and our members can find a central credible source of green technologies from different walks of life."

Based out of Toronto, the Think Green Alliance encourages an assortment of companies to come together and exchange advice and services on green initiatives. The free membership offers businesses the opportunity not only to receive the expertise of a variety of environmental innovators and specialists, but also to offer their own organizations' expertise.

"One of the things we've done recently was to host a joint event with Miller Thomson law firm," said Gardner. "The topic of the event was dealing with the Green RFP and focused on opening a dialogue around the topic of green procurement practices. We were able to involve many of the Alliance members on the panel discussion and get their perspectives and expertise -- from government regulation and policy to Green RFP best practices."

As a Think Green Alliance member, Miller Thomson not only benefits from the greater Alliance community, but also contributes to a worthy cause by offering legal advice regarding the adoption of green business practices.

"We recognized, as a law firm, that it was important to support the initiatives and principles behind the Think Green Alliance," said Fraser Mann, a partner at Miller Thomson LLP. "We offer any kind of information or advice concerning legal issues relating to becoming green -- whether on the regulatory side or the procurement side -- or dealing with the identification of requirements and specifications for products to be more energy efficient and environmentally friendly."

"I think we found it very beneficial, from the perspective of getting to know organizations that are doing different things and helping their clients become more environmentally sustainable."

According to Baudry, the most important benefit the Alliance offers its members is the establishment of a green business community, where participants can openly discuss sustainability issues.

"We try to foster more dialogue, more discussion and more awareness in the marketplace," said Baudry. "Accessibility and keeping it simple are key because there are so many different ideas and terms and organizations that talk about green and people find it overwhelming or too extreme. The Alliance makes it very easy to find practical, meaningful solutions to help the environment, and by doing so increases their bottom line through reduction of wasteful practices."

Zerofootprint Software Inc. is among the 39 companies that enjoy the open setting of a green community.

"It's a great opportunity to be aligned with other companies in the Toronto area that have a similar mission as us," said Jay Goldman, vice president of marketing and

client experience for Zerofootprint Software. "It's about working together to achieve those goals."

Source: www.hazmatmag.com

International Interest

DOE Solar Codes Board Releases New Standards

November 3, 2008
Washington, D.C.

The Solar America Board for Codes and Standards (Solar ABCs), funded by the U.S. Department of Energy (DOE), has released three new reports of importance to the solar industry on the topics of interconnection and net metering, solar access laws, and utility external disconnect switches.

The first report, [A Comprehensive Review of Solar Access Law in the United States](#), documents legal issues for solar access and solar rights and recommends language for model statutes that can be used by state and local governments to protect access to solar resources for new and existing buildings.

The second report, [Comparison of the Four Leading Small Generator Interconnection Procedures](#), reviews and compares four sets of interconnection procedures that regulators commonly consider when developing their own state and local procedures. Effective interconnection procedures will encourage solar projects.

The third report, [Utility External Disconnect Switch: Practical, Legal, & Technical Reasons to Eliminate the Requirement](#), documents the safe operation of photovoltaic (PV) systems without a utility external disconnect switch (UEDS) in several large jurisdictions. It explains the rationale for eliminating UEDS. Among the reasons presented are: its functionality is redundant, it fails to provide expected protections, and it adds unnecessary cost to a PV system.

Solar ABCs is a collaborative effort among experts to formally gather and prioritize input from the broad spectrum of solar photovoltaic stakeholders including policy makers, manufacturers, installers, and consumers resulting in coordinated recommendations to codes and standards making bodies for existing and new solar technologies. The U.S. Department of Energy funds Solar ABCs as part of its commitment to facilitate widespread adoption of safe, reliable, and cost-effective

solar technologies.

Solar ABCs produces studies and reports on issues critical to the solar industry, facilitates dialogue among solar stakeholders, and promotes the development of codes and standards that foster the safe use of PV systems. All three of the new reports are available on the Solar ABCs Web site.

For more information, visit www.solarabcs.org/

Source: [Environmental Design and Construction](#) .

Source: www.globe-net.ca

Business and Career Opportunities

National

ISTPCanada Mission to Clean Tech Summit in India

Dec 5-7, 2008

International Science and Technology Partnerships Canada (ISTPCanada) in collaboration with Global Innovation and Technology Alliance (GITA) is pleased to invite Canadian SME's in the area of clean technologies to join a Technology Partnership mission to the 14th Annual Tech Summit to be held in New Delhi (India) from December 5th to December 7th 2008. This will be a great opportunity for Canadian SME's with a focus on CLEAN TECH to develop business and R&D relationships with Indian SME's. ISTPCanada will work closely with its counterparts in India to setup one-on-one meetings between the Canadian SME's and the best fit Indian companies. Please read more details on this initiative below.

India's National Action Plan on Climate Change, released on June 30, 2008, emphasizes the need for innovation, collaborative R&D and technology transfer in order to achieve a low carbon economy. Technology is expected to play a critical role in mitigation of climate change and for establishing a low-emissions industrial infrastructure. Significant transformation of the conventional technology used to produce and distribute energy, manufacture goods and provide transportation is required to achieve target reductions. Against the backdrop of high energy and material prices, Indian industry is looking to develop and adapt technologies for cost effective processes and manufacturing globally competitive products. Indian industry

is also keen to tap into the booming carbon credit market. In this perspective, the 14th Technology Summit and Technology Platform is dedicated to “Investments in Clean Technologies”.

India's commitment to clean technologies opens up enormous opportunities for Canadian SME's to be participants in this growth. ISTPCanada is pleased to announce that we will actively support Canadian companies in identifying potential partners and helping arrange one-on-one meetings prior to the visit. ISTPCanada will also cover the 50% of the economy class air fair and hotel expense in Delhi for the duration of the event. The following are the key areas of focus of this initiative: Renewable Energy & Alternate Fuels, Water Technology & Management, Intelligent Transportation, Waste Management, Energy Intensive Industries, Climate Science & Modeling, Policy Enabling Investment.

The program will include attendance at the “14th Technology Summit and Technology Platform” (the largest technology event in India for the last 13 years) on Dec 5th and 6th. You will have ample opportunity to network and meet with potential partner companies at the event. This will be followed on December 7 by a special one-on-one match-making session for Canadian and Indian SME's organized by GITA and ISTPCanada. Academic researchers are welcome at the match-making event and may even find the opportunity to meet Canadian and Indian companies whose technology can be enhanced by the academia and industry collaboration. Please note that the Canadian companies can only qualify for the ISTPCanada support if GITA manage to identify a partner company in India for match making.

If you are interested in participating in this mission, please complete the attached Partnership Search Form and email to info@istpcanada.ca before Oct 29th.

Partner Form [here](#)

For more information contact:
Bharat Rudra (Country Manager)
Phone: 613-729-3069 ext 224
E-mail: bharatrudra@istpcanada.ca

Environmental Technology Verification (ETV) Program - Call for Expressions of Interest

The new Program will strive to make ETV most relevant for Canadian innovators by: engaging key sectors and stakeholders; helping industry to meet Canada's upcoming Regulatory Agenda; and, providing linkages with international

harmonization efforts in the U.S., European Union and beyond, in order to take advantage of existing and emerging marketing opportunities.

The deadline for the Call for EOIs process is December 5, 2008. The applicant can be a sole entity or a consortium, which can be two or more individuals, companies or organizations, combining their expertise and knowledge to deliver the Program.

Submission information is provided in the attached Call for EOIs. Also attached is a Backgrounder on the ETV Program.

ETV White Paper [here](#) Call for EOI [here](#)

Water Technologies Symposium Call for Abstracts

Expressions of Interest

WaterTech 2009 will take place April 29, 30 and May 1 at the Fairmont Banff Springs. Registration is now open.

ESAA invites you to submit technical abstracts focused, but not limited to, the following areas:

- Water Resources and Water Quality
- Groundwater-Surface Water Interaction
- Groundwater and Surface Water Management
- Watershed Modelling, Planning, and Management
- Data Collection, Monitoring, and Testing
- Ecohydrology
- Protection and Sustainable Management of Water Resources
- Emerging Contaminants
- Disaster Planning
- Facility Operations, Industrial Issues, and Technologies
- Industrial and Municipal Wastewater Treatment
- Coal-bed Methane Development
- Deep Well Injection
- Beneficial Uses of Produced Water
- Water Conservation and Re-use
- Integrated Research
- Nanotechnology Applications
- Regulatory Issues, Including Saline versus Non-Saline Water

The preliminary selection of presentations will be based on submitted abstracts and reviewed by a panel of peers.

Abstracts should be no more than 500 words (not including bio), should include a presenter biography, and must be received by Friday, December 12, 2008.

Please send submissions to Joe Chowaniec via e-mail to: abstracts@esaa-events.com

Notification of acceptance will be given by January 30, 2009.
Full presentations must be submitted by April 10, 2009.

Full details available online at: www.esaa-events.com/watertech/
Source: ESAA

Deadline: December 12, 2008

Review of State of Knowledge of Biosolids Science and Research

Requests for Proposals

The Canadian Council of Ministers of the Environment (CCME) is the major intergovernmental forum in Canada for discussion and joint action on environmental issues of national concern. The 14 member governments work as partners in developing nationally consistent environmental standards and practices.

CCME established a Biosolids Task Group (BTG) to study and make recommendations on issues related to biosolids management at the national level.

The treatment of wastewater generates solid waste discharges (biosolids) that require treatment to ensure that their release to the environment is protective of human health and the environment. Most wastewater treatment facilities include an aerobic or anaerobic biosolids digestion process to reduce organic matter, odour and pathogens in the residuals. Some facilities across Canada include a thermophilic (high temperature) process to further reduce pathogens. Managing treated sludge or biosolids includes a number of disposal, recovery and recycling options, including landfilling, incineration, biogas generation, energy recovery, managed land application and commercial product development (e.g., compost).

One issue to be addressed is the lack of sound science on which to base biosolids management decisions, particularly in the area of emerging contaminants (EC). EC are those chemicals that recently have been shown to occur widely in water resources and identified as being a potential environmental or public health risk, and yet adequate data do not exist to determine their risk. Various studies have demonstrated the presence of EC such as pharmaceuticals and personal care products (PPCP) in biosolids; however, a Canada-wide study to identify and inventory these contaminants has not been done. Canadian regulators require this information to adequately evaluate and manage the risks associated with EC in

biosolids in the context of land application, land reclamation, the manufacture of commercial soil amendments, and energy production.

STATEMENT OF WORK

The Contractor will undertake a literature review of available information and existing research done on EC such as PPCPs and bactericides (legacy contaminants such as dioxins, PCBs and PAH are not to be considered in this study) in Canada and elsewhere; will conduct a survey and analyse Canadian biosolids samples with respect to EC; will identify EC of concern in Canadian biosolids; will discuss/recommend treatment technologies; will suggest best management practices and research needs for EC; and will provide a final report presenting these findings.

The project will commence by December 5, 2008 and be completed by October 30, 2009. The Contractor will teleconference regularly with the Project Authority, will provide progress reports and draft reports for each of the major tasks for review by the BTG, and will provide a final report and make a presentation of findings to the BTG. Work will require consultation with Federal/Provincial/Territorial representatives and municipalities, in some instances in both official languages.

Project # 447-2009

The proposal should be a maximum of 10 pages in length (excluding curricula vitae of key staff and company profile). The proposal must:

Provide an outline of the intended approach including basic tasks, schedule of activities, and budget.

Describe the personnel of the project team, areas of responsibility, time allotted and charge out rates.

Document any contingent procedures and personnel used if a key team member becomes unavailable.

Provide a brief description of any similar projects undertaken. Include the timeframe that the work was undertaken and key individuals involved in its completion.

Include the names and coordinates of three references.

Include the company's GST registration number or if exempt, proof of exempt status.

Personal information requested above is required to enable CCME to evaluate the proposal. All individuals noted in the proposal should be advised of and approve the release of personal information for the purpose of the proposal and the bidder is responsible for obtaining such approval.

Contact: Liz Dykman Canadian Council of Ministers of the Environment 123 Main Street, Suite 360 Winnipeg, MB R3C 1A3 Tel: (204) 948-2281 Fax: (204) 948-2125 Email: ldykman@ccme.ca

Source: CCME . Reference: # Project # 447-2009.

Deadline: November 21, 2008

EnerCan West: Energy for a Sustainable Future – Call for Abstracts

Conference and Trade Show – Sponsored by SEIMA

March 16 & 17, 2008

IPSCO PLACE

Regina, Saskatchewan Canada

A first for Canada, this emerging two-day energy conference and trade show is plotting a course to become a world-class signature venue for cutting edge technical information and technology that will include best minds, best practices, best products and best technological innovation within the environmental industry.

EnerCan West for 2009 will present the most up-to-date and innovative information available relating to nuclear energy

[Call for Abstracts](#)

[Abstract Submission](#)

[Sponsorship Opportunities](#)

Call for Abstracts - A&WMA's 102nd Annual Conference & Exhibition

The Air & Waste Management Association (A&WMA) announces the call for abstracts for its 102nd Annual Conference & Exhibition to be held June 16-19, 2009 in Detroit, MI. Abstracts should be original work on any environmental issue, including those related to this year's focus and principal areas which include:

- Sustainability
- Urban built environment impacts on climate change
- Green building and land use
- Sustainable development through partnership and collaboration
- Climate change and sustainability
- Sustainable agriculture and the sustainability movement
- Climate change strategies
- The role of renewable energy in greenhouse gas mitigation
- Greenhouse gas mitigation and clean energy
- Climate policy and regulation
- Climate impacts and adaptation
- Climate change including its impact on the auto industry
- Energy efficiency and conservation

The theme for the conference is "Driving Environmental Progress," and the 2009 Critical Review topic is "The Earth's Environment from Space - Informing Environmental Policy." Papers that are related to these topics are encouraged.

The abstracts will be evaluated for technical quality, relevance and significance to current environmental issues, and lack of commercialism.

View the full call for abstracts at <http://www.awma.org/ACE2009/cfa.pdf> or visit www.awma.org/ACE2009 for more information.

The abstract submission deadline is December 5, 2008.

Postdoctoral Fellowship In Global Change - Johns Hopkins University

The Johns Hopkins University invites applications for the Cormack Postdoctoral Fellowship in Global Change. This fellowship is part of a new Global Change Science initiative with the Department of Earth and Planetary Sciences.

We seek an outstanding individual with a recent Ph.D. who is pursuing interdisciplinary research in Global Change. Candidates whose research spans the physical sciences, social sciences, health sciences and/or public policy aspects of global change are preferred. Areas of interest include but are not limited to (1) fundamental processes driving global change; (2) the impact of global change on air quality, water resources, ecosystems, and/or human health; (3) remediation of the effects of global change; (4) energy resources; and (5) analysis of economic, sociological, public health, and policy implications of global change. Special consideration will be given to candidates who will collaborate with faculty from other Hopkins departments. Information on our department and the new initiative can be found at <http://www.jhu.edu/eps/>. Applicants are encouraged to contact faculty whom they are interest in working with.

The duration of the fellowship is one year with an anticipated extension for a second year. The position carries a competitive salary and fringe benefits, includes an annual stipend for travel and research expenses, and provides eligibility to participate in Johns Hopkins University health plans.

Applications are due by December 1, 2008. To apply, please send in paper format your curriculum vitae (with your email address), names and emails of three or more references, and a brief research plan to: Cormack Postdoctoral Search Committee, c/o Kristen Gaines (kgaines@jhu.edu), Johns Hopkins University, Department of Earth and Planetary Sciences, 3400 N. Charles Street, 301 Olin Hall, Baltimore, MD. 21218, USA.

Johns Hopkins University is an Equal Opportunity/Affirmative Action employer. Women and minorities are especially encouraged to apply.

2009 Postdoctoral Fellowships – IIASA

The International Institute for Applied Systems Analysis (IIASA) invites applications for two Postdoctoral Research Fellow positions.

IIASA is an international research organization located in Laxenburg, 16 km south of Vienna, Austria. Some 200 mathematicians, social scientists, natural scientists, economists and engineers from over 35 countries conduct inter-disciplinary research on environmental, economic, technological, and social issues in the context of human dimensions of global change, in particular climate change.

<http://www.iiasa.ac.at/docs/what-is-iiasa.html>

We seek candidates who have held a doctoral degree for less than five years at the application deadline with a proven record of research accomplishments. Scholars will conduct their own research within one of IIASA's research programs or special projects on topics closely related to IIASA's agenda.

<http://www.iiasa.ac.at/docs/Research/>

The positions carry a competitive salary, exempt from taxation in Austria, but subject to the principle of income aggregation; an allowance for relocation expenses to and from Austria; and participation in either private or state health insurance plans. Appointees are offered a fellowship for one or two years.

Closing date for applications is February 1, 2009. Full details about the Program, including an on-line application form can be found at

http://www.iiasa.ac.at/Admin/YSP/pdoc/test/apply_iiasa.html

Contact details:

Barbara Hauser

Postdoctoral Coordinator

Schlossplatz 1

A-2361 Laxenburg

Austria

Tel: +43 2236 807 541

Email: hauser@iiasa.ac.at

Recommendations on Disposal of Radioactive Wastes

Requests for Proposals

Tasks to be Performed

- 1.1 In conjunction with CNSC Staff, contact other organizations (IRSN, France; NUMO, Japan; OPG, Ontario) and request access to results of existing work they have performed on the study of natural tracer profiles.
- 1.2 Compile all the information collected in 4.1, and summarize the state of understanding on the subject, and determine future work to resolve uncertainties.
- 1.3 Resolve the most important uncertainties by a combination of conceptual and mathematical models development, further experimental research, model calibration and validation with experimental data (from laboratory, in-situ, or larger scale tests).
- 1.4 Compare the tracer profiles at the three sites, their interpretation of paleohydrogeology, and discuss on the likelihood of having a diffusion-dominated transport process at each site.

*** Please contact Merx to obtain documents ***

Contact: Paul Morin 280 Slater Street 2nd Floor PO Box 1046, Station B Ottawa ON Canada K1P 5S9 613-995-1857 613-995-5086 Email paul.morin@cnscccsn.gc.ca
Website URL <http://www.nuclearsafety.gc.ca/>

Source: MERX . Reference: # 161441.

Deadline: December 2, 2008

Development of an Agri-Environmental Indicator (AEI) for Odour

Requests for Proposals

Sealed tenders for the services listed above, must be addressed to: Thanh Nguyen at the following address:

Agriculture and Agri-Food Canada (AAFC)
Corporate Management Branch
Asset Team- Eastern Service Centre
TENDER RECEPTION DESK
2001, University St. Floor 6

Montreal, Quebec H3A 3N2
Solicitation number: 01B46-08-0166

Note: Bids received at another AAFC location than the one stated above will not be considered for evaluation.

Scope of Work:

Agriculture and Agri-Food Canada (AAFC) requests proposals from specialized firms to provide the services of an experienced person, or a team of experienced persons, for a study on the Development of an Agri-Environmental Indicator (AEI) for Odour.

The indicator would be developed in three distinct phases of work. Phase 1 would involve collection and critical assessment of information on farm activities and management practices associated with odour generation as well as practices that are actually used or could be used to mitigate odours. The criteria and methodology for calculation of the response indicator and the additional information requirements would be established in Phase 2. Testing of the odour indicator in selected farming regions in Canada would be carried out in Phase 3 to determine any possible needed improvements in the indicator.

Tender Period Closing Date:
December 2nd, 2008 at 1:00 PM (Local Time)

CONTACTS PERSONS

The Project Authority for the Contract is:
Dr. Daniel Massé
Research Scientist
Agriculture and Agri-Food Canada
Dairy and Swine Research and Development Centre
2000 College Street
Sherbrooke, Quebec J1M 1Z3
Tel.: (819) 565-9174 ext: 128
Fax: (819) 564-5507
massed@agr.gc.ca

Any request for inquiries must be sent to the project manager in charge in writing, and must be received no less than five (5) calendar days prior to the bid closing date to allow sufficient time to provide a response. Inquiries received after that time might not be answered prior to the bid closing.

Contracting authority:
Thanh Nguyen
Procurement and contracting officer
AAFC - Montreal

Tel: (514) 315-6140

Fax: (514) 283-3143

E-Mail : nguyenthd@agr.gc.ca

Contact: The Project Authority for the Contract is: Dr. Daniel Massé Research Scientist Agriculture and Agri-Food Canada Dairy and Swine Research and Development Centre 2000 College Street Sherbrooke, Quebec J1M 1Z3 Tel.: (819) 565-9174 ext: 128 Fax: (819) 564-5507 massed@agr.gc.ca

Source: MERX . Reference: # 161425.

Deadline: December 2, 2008

Storage Transportation and Disposal of Municipal Waste

Requests for Proposals

THE MUNICIPAL WASTE GROUP (MWG) - comprised of the CORPORATIONS of the TOWNSHIPS of BECKWITH and MONTAGUE and of the TOWNS of CARLETON PLACE, MISSISSIPPI MILLS, PERTH, and SMITHS FALLS is inviting interested parties to submit proposals for the: Storage, Transportation and Disposal of its Solid Municipal Waste (approximately 12,500 tonnes in 2007), beginning on June 1, 2010.

MWG is seeking a long term contract with the successful respondent that offers MWG a proposal which provides the best value for dollars spent on these services.

Sealed tenders clearly marked (RFP# 1-08) will be received by:

Mr. Phil Hogan, Treasurer
Town of Carleton Place Town Hall
175 Bridge Street,
Carleton Place, ON K7C 2V8

Proposals shall be received until 10:00 am (local time), on Wednesday, November 26th, 2008 and opened at 10:05 am the same day. As of October 6, 2008, RFP specifications and forms will be available at the Town Hall in Carleton Place for a Non-refundable fee of \$100.00 including GST

NOTE: An Information Meeting for Contractors will be held at 10:00 am on October 29th, 2008 at the Carleton Place Town Hall.

Contact: For information contact: Mr. Wayne Fraser, Public Works Development Coordinator Town of Carleton Place Town Hall 175 Bridge Street, Carleton Place,

ON K7C 2V8 Phone: 1-613-257-6203 or (if out of office) 1-613-432-8290 Fax: 1-613-257-8170 E-mail: wfraser@carletonplace.ca

Source: MERX . Reference: # RFP# 1-08).

Deadline: November 26, 2008

Remediation of Bear Island, Nunavut

Requests for Proposals

Public Works & Government Services Canada (PWGSC) and Indian and Northern Affairs Canada (INAC) are preparing bid documents and contract specifications for the remediation services at Bear Island, Nunavut. Remediation will consist primarily of civil works to deal with the demolition and disposal of the remaining infrastructure; cleaning and on site disposal of approximately 4300 fuel barrels; construction of an on-site non-hazardous waste landfill; and the removal and off-site disposal of all hazardous waste materials and contaminated soil to an approved Waste Disposal and Treatment Facility.

There is a 1350 metre gravel airstrip on site that requires upgrading and maintenance to allow for safe landing as well as several access roads in varying condition will. The results of previous environmental site assessments have identified buried and partially buried waste; hydrocarbon and metal impacted soil; and hazardous materials (asbestos, polychlorinated biphenyls, leachable lead paint and batteries) associated with the remaining infrastructure.

ESTIMATED BUDGET

For planning purposes the estimated budget for this project is in the order of \$7 - 10 Million. This is not however, to be construed as an offer or commitment on the part of Canada.

BACKGROUND

Bear Island is a former Mid-Canada Line Radar site constructed in the mid 1950s and operated until 1965, after which the site was abandoned. In 1965 INAC assumed responsibility for the environmental liabilities at the site. It is located in the overlapping marine regions of the Nunavik and the Eeyou Cree, at the central-north end of James Bay approximately 160 kilometres northwest of Chisasibi, Quebec and 300 kilometres south of Sanikiluaq, Nunavut.

BIDDERS' CONFERENCE (OPTIONAL)

An optional bidders' conference to review the bid documents will be held in Ottawa, Ontario on October 28, 2008. This is not a Mandatory Bidders' Conference and those who do not attend are not precluded from submitting a bid, however, bidders are strongly encouraged to attend.

Bidders are requested to communicate with the Contracting Authority prior to the site visit and bidders' conference to confirm attendance. Bidders are to provide the Contracting Authority, in writing, the names of their representative(s) who will be attending and a list of issues that they wish to table no later than Thursday October 23, 2008. Contact Nicki Evans - A/Supply Officer at nicki.evans@pwgsc.gc.ca or by phone at (780) 497- 3930 to confirm attendance.

Bidders who, for any reason, cannot attend during the specified date(s) will not be given an alternative appointment to tour the site, but will be provided with a site visit report, including questions, answers and photos.

Note: All other travel and living expenses associated with the travel to the point of departure and attending the bidders' conference will be borne by the Bidders.

SOURCING

This competitive requirement is subject to the provisions of the North American Free Trade Agreement (NAFTA), the World Trade Organization – Agreement on Government Procurement (WTO-AGP) and the Agreement on Internal Trade.

The requirements of the Nunavik Inuit Land Claim Agreement will apply to the proposed procurement. Bidders will be requested to maximize involvement of groups within the Comprehensive Land Claim Agreement. The benefits that apply to this procurement are contained in: Article 13: Nunavik Inuit Land Claim Agreement, clauses 13.3.1; 13.3.2; 13.3.3; 13.3.4; 13.3.5.

CONTRACTOR EVALUATION AND SELECTION CRITERIA

The method of procurement chosen for this requirement calls for the submission of proposals by contractors who will deliver a strategy that best meets Canada's needs as described in the Request For Proposal (RFP). Proposals must meet all Mandatory requirements set out in the bid evaluation criteria. Those bidders who achieve a minimum 60% overall score will be further considered using the assessed Best Value to the Crown (60% Merit + 40% Cost) Contractor Selection method set out in the bid documents.

For more information on this project please order the document from MERX.

This PWGSC office provides procurement services to the public in English.
Contact: support Clerk (ncs), Nicki Northern Contaminated Site Program Telus Plaza North, 5th floor 10025 Jasper Avenue Edmonton Alberta T5J 1S6 (780) 497-3930 ()

Source: MERX . Reference: # PW-\$NCS-005-7365.

Deadline: December 9, 2008

Upcoming Conferences/Events/Trade Show

Local

The Do's and Don'ts of Social Media and Web 2.0

with Amber MacArthur

Tuesday, December 16, 2008

7:30 am – 9:45 am

Fairmont Winnipeg

This event is presented by ICTAM in collaboration with New Media Manitoba and Industry Training Partnerships, Manitoba Competitiveness, Training and Trade. If you want to know about the impact of social networking, web blogs, podcasts and video sharing on the relationship between you and your customers, this is the session for you to attend. Learn how you can use Web 2.0 technologies and tools to build community and customer loyalty online. Visit the session description below to find out more about Amber Mac – as she is known to her legion of fans – and her presentation.

Members of MSTN members are eligible to attend this seminar for the Sector Association Members fee of \$35.00. Please indicate the Sector Association Name (MEIA) on the registration form.

This event is presented by ICTAM in collaboration with New Media Manitoba and Industry Training Partnerships, Manitoba Competitiveness, Training and Trade. Registration Information [here](#)

Energy Management Workshop

December 3 – 4, 2008-11-17

Hilton Suites Winnipeg Airport
1800 Wellington Avenue
Winnipeg, Manitoba

Energy Master Plan – Wednesday, December 3, 2008
Energy Efficiency Financing (Public Sector) – Thursday, December 4, 2008-11-17

For more information click [here](#)

National

Canadian Renewable Energy Workshop

March 10 – 12, 2009
Regina Inn Hotel and Conference Centre
Regina, Saskatchewan

Knowledge, Technology and Connections

The 2009 Canadian Renewable Energy Workshop is the first step on the path to optimizing your strengths and realizing your renewable energy ambitions. Attendees will enjoy world-class presentations at the only conference in Canada that combines emerging biofuels and biomass power in one.

For more information click [here](#)
www.crew2009.com

Project Delivery - A Successful Strategy from Concept to Completion

January 19 – 20, 2009
Calgary, AB:

Success in delivery of a project or as some term them deliverable(s) depends on your position in the contracting relationship. Whether you are the owner (employer), contractor or consultant you each look on profit as a successful outcome. Each party is willing to accept some risk but the type of contracting relationship you select and the contract you sign will determine if you will be asked/able to accept/transfer risk. This presentation will seek to address these issues.

For full course details and registration please check this link:
<http://www.gic-edu.com/coursedetail.aspx?id=152>

AMERICANA International Environmental Trade Show and Conference

March 17 – 19, 2009

RÉSEAU environnement will hold its 8th edition of the AMERICANA International Environmental Technology Trade Show and Conference from March 17 to 19, 2009 at the Montreal Convention Centre. Recognized as one of the most important events of its kind in North America, this year's AMERICANA will play host to more than 10,000 participants, 400 exhibitors and 150 speakers from Québec, Canada and more than 60 countries worldwide. Created in 1995 and held every two years, AMERICANA is organized by RÉSEAU environnement. For more information or for registration please visit: www.americana.org

Environmental Law for Business, 2008

November 20, 2008 is the date for Gowlings' annual Environmental Law for Business conference. In addition to providing an update on changes to environmental laws over the last year, speakers will provide insight into new developments in related areas.

For more information, please contact: Nory Paredes at:
nory.paredes@gowlings.com or (416) 862-5746.

World Conference on Sport and the Environment Coming to Vancouver

March 29-31, 2009

A worldwide forum on opportunities and issues for sustainable sport is coming to Vancouver. The International Olympic Committee (IOC), in partnership with the United Nations Environment Programme (UNEP), will convene the 8th World Conference on Sport and the Environment from March 29-31, 2009.

The theme for the 2009 conference is Innovation and Inspiration: Harnessing the Power of Sport for Change. The program will feature speakers from the international sport community examining how sport organizations and major sporting events can contribute to environmental, cultural and economic sustainability at local, regional and global levels. The conference will offer plenary and concurrent sessions under two conference tracks: Sport for Environmental Solutions and Sport for Sustainable Living.

The Vancouver Organizing Committee for the 2010 Olympic and Paralympic Winter Games (VANOC) will host the conference at the Vancouver Convention & Exhibition Centre on behalf of the IOC and UNEP.

"It is an honour to be hosting such a prominent conference on sport and the environment here in our own backyard at a time when the eyes of the world are on us," said John Furlong, chief executive officer for VANOC. "We are especially proud, as Canada and particularly British Columbia, are leaders and innovators in environmental stewardship and sustainability. This conference presents a unique opportunity for local and international delegates to share new knowledge and experiences with a global emphasis."

The IOC supports Olympic cities hosting the World Conference as it provides an arena for discussion on sustainability and the Olympic Movement. The conference brings the world together to recognize the progress made in staging more sustainable Games while encouraging cooperation and further development of environmental initiatives relating to sport as well.

"The environment is an important part of the work of the Olympic Movement and we recognize there can be many opportunities for sport and the Olympic Games to provide sustainable environmental legacies," said Jacques Rogge, IOC President. "The recent attention given to global warming has pushed sustainability to the very top of the agenda for governments, businesses and ordinary citizens. The conference brings together the world of sport and environment to share knowledge and advance practices related to sport and its relationship with the environment and communities."

This will be the first time the international conference will be hosted by a Canadian city. Past conferences have been held in Nairobi, Kenya; Torino, Italy; Nagano,

Japan; Kuwait City, Kuwait; Rio de Janeiro, Brazil; and, Lausanne, Switzerland. The 7th World Conference on Sport and the Environment was hosted by the Beijing Organizing Committee for the Games of the XXIX Olympiad in Beijing, China in October 2007.

In addition to the conference, the 2009 World Conference on Sport and the Environment will feature an [Innovation and Inspiration](#) exposition to showcase best practices by organizations in the Olympic family who promote sustainable living and sustainable development through sports. The exposition will be open to the general public as well as the international audience of high-level conference delegates, including IOC and UNEP representatives and global corporate entities.

Interested exhibitors should book early as this opportunity is sure to sell out. Please contact The Globe Foundation at +1 604.775.8027 or e-mail exhibits@wcse2009.com.

Registration for the conference is now open. Visit <http://www.wcse2009.com/> for more details about the program and conference features.

About the WCSE

The World Conference on Sport and the Environment typically attracts a global audience of many hundreds of participants, including representatives from the IOC, UNEP, National Olympic Committees and International Sports Federations, past and current Organizing Committees, candidate cities (current and aspiring), other major international sporting events, governments, corporate sponsors, academic institutions and environmental organizations. Learn more about the WCSE at <http://www.wcse2009.com/>.

About VANOC

VANOC is responsible for the planning, organizing, financing and staging of the XXI Olympic Winter Games and the X Paralympic Winter Games in 2010. The 2010 Olympic Winter Games will be staged in Vancouver and Whistler from February 12 - 28, 2010. Vancouver and Whistler will host the Paralympic Winter Games from March 12-21, 2010. For more information about VANOC and the 2010 Winter Games, visit www.vancouver2010.com.

About GLOBE

The GLOBE Foundation is a Vancouver-based, not-for-profit organization dedicated to finding practical business-oriented solutions to the world's environmental problems. Formed in 1993, the Foundation has helped companies and individuals realize the value of economically viable environmental business opportunities through [conferences and events](#), [research and consulting](#), [project management](#), [communications](#) and [GLOBE Awards](#).

For More Information: [GLOBE-Net](#)

EPIC: The Vancouver Sun Sustainable Living Expo

May 8 - 10, 2009

EPIC: The Vancouver Sun Sustainable Living Expo is Vancouver's largest green consumer show and eco-marketplace. Visit EPIC to learn about environmentally-friendly products and companies that mix style and quality with sustainability.

Greening your life is easy - all you need is a little education and inspiration. EPIC has lots of both. Join us for this three day celebration of green living, and surround yourself with truly inspiring people and environmentally innovative products.

Learn how to live a healthier, more sustainable life from experts in everything from eco traveling to green weddings. Reveal your inner treehugger and spend the day shopping in our marketplace of over 200 organizations offering the latest green products that are earth-friendly, ethically sourced, and better for your health. Let EPIC inspire you to 'Shop and Th!nk'.

International

The Southeast Recycling Conference & Trade Show

The 22nd Annual Southeast Recycling Conference & Trade Show (SERC) will be conducted at the Hilton Sandestin Beach Golf Resort & Spa, in Destin, Florida on March 1-4, 2009, Trade Show on March 1-3.

Each year the Southeast Recycling Conference & Trade Show (SERC) provides the premier forum for informing the public and private sectors of the economic and environmental significance of recycling and waste reduction in the Southeast. Attendees will have excellent networking opportunities and a chance to visit the exhibits to preview the newest advances in recycled products and services.

Tentative conference presentation topic areas include the following:

- * Recovered Material Market Up-Dates and Prices (Paper, OCC, Plastic, Aluminum, Steel & Glass)
- * Advances in Recycling Processing and Collection Technologies
- * Recovering More Recyclables
- * Public Education/Promotion
- * Recycling Coordinator Training - Beginner's Guide
- * Recycling Coordinator Training - Advanced Techniques
- * Organics Recycling and Composting

- * Non-traditional Recyclables - Markets and Collection Techniques
- * Going Green (Procurement, Building, Events)
- * Waste-to-Fuels & Energy Recovery
- * RFPs and Contract Writing
- * Cross-Fire - SERC will bring back the popular Cross-Fire Panel at this conference

For more information on the following, please click [here](#)

Call for Papers, Registrations, Exhibitors and Sponsors
Recycling Coordinator Scholarships and Travel Grants
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Contact Information

Carbon TradeEx America

April 7-8, 2009
Convention Center
Washington, D.C.

Koelnmesse is working with the Carbon Markets and Investors Association (CMIA) to deliver the premiere Carbon Market conference and trade in the U.S. Carbon TradeEx America is being designed to serve the national education, networking, and business needs of all current and future Carbon Market players.

For more information or to pre-register go to www.carbontradeexamerica.com. Please enter priority code CTA-05. Or call us at 773-326-9925.

Conference on the International Dimensions of Climate Policies

Registration for non-presenting participants

21 - 23 January 2009, University of Bern, Bern, Switzerland

The NCCR Climate invites non-presenting scientists and participants to the "International Dimensions of Climate Policies" conference that will take place on 21 - 23 January 2009 in Bern, Switzerland. Contributions from the following fields will be presented:

- * Trade theoretical foundations of integrated assessment models
- * Trade implications of promoting adaptation
- * Effect of technological transfers and spillovers in the context of global climate policies
- * International competitiveness in the presence of climate policies

The conference will cover a broad spectrum of climate economic research issues and foster cross-disciplinary links. Each topic includes a keynote plenary lecture and numerous parallel sessions. It is open to all interested hearers.

Keynote Speakers:

Christoph Böhringer (U Oldenburg; confirmed), Carlo Carraro (U Florence; confirmed), Thomas Cottier (U Bern; confirmed), Chris Hope (U Cambridge; confirmed), Andreas Löschel (ZEW; confirmed), Nebojsa Nakicenovic (TU Wien), William D. Nordhaus (U Yale), Michael Rauscher (U Rostock; confirmed), Thomas F. Rutherford (ETH Zurich, confirmed), Richard S. Tol (U Dublin; confirmed). Further speakers to be announced.

Programme committee:

Juan-Carlos Altamirano (EPFL), Seraina Buob (U Bern), Thomas Cottier (U Bern), Beatriz Gaitan (U Bern), Alain Haurie (U Geneva), Gunter Stephan (U Bern), Hal Turton (PSI, ETH Zurich), Philippe Thalmann (EPFL), Alexander Wokaun (PSI, ETH Zurich), Frank Vöhringer (EPFL).

Registration:

Non-presenting participants (hearers) can register on-line at <http://www.nccr-climate.unibe.ch/conferences/climate_policies/subscribe_hearer_en.html>.

Conference fee: CHF 250 regular, CHF 100 students Registration deadline: 14 November 2008.

Hotels and accommodation:

Bern, where the conference will take place, offers a breath-taking setting surrounded by the Swiss Alps, with its old town listed as a UNESCO world heritage site. Visit the webpage of the Bern tourism office

(<<http://www.berninfo.com/en/welcome.cfm?>>) for information on hotels and accommodation.

Contact:

Seraina Buob, University of Bern, Switzerland, Tel. +41 31 631 45 09,
<<mailto:seraina.buob@vwi.unibe.ch>>

Municipalika

6th International Exhibition & Conference on Municipal Services, Urban Development and Public Works

Making Cities Work
January 29 – 31
Mumbai, India

With the rapid pace of Urbanization, the percentage of India's population living in cities and urban areas has almost doubled to 27.8% in 2001 from 14% at the time of Independence. This is expected to accelerate even further, and by 2021 over 40% of Indians will be living in urban areas. The scale of urbanization in India can be seen in 6 mega cities (5mn plus), 29 metro cities (1 mn plus), 500 cities (100,000 plus), with a total of over 5000. By 2011, Urban India will contribute over 65% to Indian GDP. Indian Cities provide settings as engines of economic growth, and at the same time face enormous challenges.

For more information on initiatives and exhibit profiles, please click [here](#).

The 11th International Conference on Energy and Environment

March 15-18, 2009 Hurgada , Egypt

I am pleased to introduce to you the 11th International Conference on Energy and Environment that will be held in Hurgada , Egypt March 15-18, 2009. This conference will also be coupled with the 8th World Conference on Solar Electricity. The Conference is held every two years and organized jointly by The Supreme Council for Scientific Research in Egypt , Wayne State University in Detroit, Michigan and the University of California (UCLA), USA .

It covers broad topics on Energy and Environment including the following topics
Renewable Energy: Solar, Wind, Biomass,...
Advanced Energy Technologies: Nuclear (fission and fusion), Dark Energy, Nano -
materials and technology.

Environmental issues related to energy: Combustion, air pollution, bio fuels,
hydrogen and fuel cells, and environmental and health effects of electromagnetic
waves.

The website for the conference is: <http://www.eecairo.com>

The Deadline for abstracts is: October 15, 2008

14th Austrian Biomass Conference

The [14th Austrian Biomass Conference](#) (PDF) – the “family meeting” of the Austrian and European biomass world – is being held on 25 and 26 November at the VAZ Manglbürg in Grieskirchen (Upper Austria) under the motto “Biomass in the Turning Point for Energy”. The Austrian Biomass Association has invited top-calibre speakers from Austria and abroad to talk on electricity, heat and fuel from biomass.

Against the background of exploding prices for fossil energy carriers, the world is faced with an enormous problem: the question as to how we should be supplied with affordable energy in future cannot simply be ignored if even the current situation is already causing us to perspire; rather, there is a need to find solutions. Solutions whose sole, sensible aim is to bring about a change in energy use away from the limited, expensive fossil energies towards affordable, unlimited (because renewable) energies. At this year’s Austrian Biomass Conference, top-calibre experts will deal extensively with the role of biomass in this changing energy situation.

The Biomass Conference can by all means be regarded as a kaleidoscope of everything that is possible as regards the use of biomass for energy. And, in actual fact: experts from home and abroad, representing the who-is-who of the Austrian and European biomass scene, will provide deep insights into technical, economic and legal aspects related to electricity, heat and fuel from biomass, and will present perspectives for future developments which the participants will have sufficient time to discuss.

The opening speech by US Senator Marc R. Pacheco from Boston on the changing approach of the United States to renewable energies, under the heading “From Saul to Paul”, illustrates the general direction of the 14th Austrian Biomass Conference: it is clearly economic necessity that is leading to a change of thinking towards more

alternative energy, coupled with the recognition that lip service can neither halt climate change nor replenish the diminishing reserves of oil and gas. Rather, the task is to act quickly and efficiently, and to assume responsibility for the opportunities of future generations in terms of both living and surviving. In Grieskirchen, the biomass family will come together and, with it, all who are aware of this responsibility and who are working on the implementation of measures which will also make it possible to bear this responsibility.

The entire programme of the 14th Austrian Biomass Conference on 25 and 26 November 2008 in Grieskirchen, which will be held in German and English with simultaneous interpreting, can be seen and downloaded at www.biomasseverband.at. Registrations are welcome as from now.

Yours sincerely,
Ernst Scheiber
Managing Director

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President

Inquiries should be addressed to

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