



## MEIA Information Bulletin for November 3, 2008

|                                                                                                                       |           |
|-----------------------------------------------------------------------------------------------------------------------|-----------|
| <b>MEIA News .....</b>                                                                                                | <b>2</b>  |
| <b>Emerging Issues.....</b>                                                                                           | <b>2</b>  |
| <b>Remediation and Prevention.....</b>                                                                                | <b>3</b>  |
| <b>MEIA and MSTN.....</b>                                                                                             | <b>3</b>  |
| <b>General News .....</b>                                                                                             | <b>4</b>  |
| <b>Local Interest.....</b>                                                                                            | <b>4</b>  |
| Province Unveils Green Registry.....                                                                                  | 4         |
| Hybrid Technology, Alternative Transportation Among 44 Projects to Benefit From \$619,000 Investment: Struthers ..... | 5         |
| Province to ID Toxins in Public Housing .....                                                                         | 6         |
| Manitoba Celebrates Farm and Rural Women’s Week Nov. 2 to 8 .....                                                     | 8         |
| <b>National Interest.....</b>                                                                                         | <b>9</b>  |
| Draft Canadian Water Quality Guidelines for the Protection of Aquatic Life - Boron .....                              | 9         |
| CEQG Online.....                                                                                                      | 9         |
| Martin Off to Italy to Add Asbestos to Hazard List.....                                                               | 10        |
| <b>International Interest.....</b>                                                                                    | <b>12</b> |
| Carbon Capture and Storage - We’re Not Doing Enough! .....                                                            | 12        |
| Mission Climat Report on American Climate Policy.....                                                                 | 15        |
| Competitiveness and Carbon Leakage: IEA Report .....                                                                  | 16        |
| Implementing the Bali Action Plan: What Role for the CDM? .....                                                       | 16        |
| <b>Business and Career Opportunities.....</b>                                                                         | <b>17</b> |
| <b>National.....</b>                                                                                                  | <b>17</b> |
| Water Valuation Guidance Document .....                                                                               | 17        |
| Review of State of Knowledge of Biosolids Science and Research .....                                                  | 20        |
| Wastewater Lagoon Desludging 2008-2009 .....                                                                          | 22        |
| EnerCan West: Energy for a Sustainable Future – Call for Abstracts .....                                              | 23        |
| Call for Abstracts - A&WMA's 102nd Annual Conference & Exhibition .....                                               | 23        |
| Postdoctoral Fellowship In Global Change - Johns Hopkins University .....                                             | 24        |
| 2009 Postdoctoral Fellowships – IIASA.....                                                                            | 25        |
| Recommendations on Disposal of Radioactive Wastes .....                                                               | 26        |
| Request for Qualifications - Greenhouse Gas Offsets .....                                                             | 27        |
| Real Property Advisor Oil & Gas Exploration.....                                                                      | 27        |
| Development of an Agri-Environmental Indicator (AEI) for Odour .....                                                  | 29        |
| Development of a Landfill Closure.....                                                                                | 30        |
| Request for Qualifications - Greenhouse Gas Offsets .....                                                             | 32        |

|                                                                              |           |
|------------------------------------------------------------------------------|-----------|
| Storage Transportation and Disposal of Municipal Waste .....                 | 33        |
| Remediation of Bear Island, Nunavut.....                                     | 34        |
| <b><i>Upcoming Conferences/Events/Trade Show.....</i></b>                    | <b>36</b> |
| <b>Local.....</b>                                                            | <b>36</b> |
| MB CaGBC/CSC Present: Green Wall Technology .....                            | 36        |
| <b>National.....</b>                                                         | <b>37</b> |
| REACH (EU Chemical Legislation) Webinar for Clients - November 6, 2008 ..... | 37        |
| Project Delivery - A Successful Strategy from Concept to Completion .....    | 39        |
| AMERICANA International Environmental Trade Show and Conference .....        | 39        |
| AESAC - Environmental Site Assessment Training Course.....                   | 39        |
| Environmental Law for Business, 2008 .....                                   | 40        |
| A&WMA Presents Conference in Edmonton.....                                   | 40        |
| Environmental Compliance Conference .....                                    | 41        |
| World Conference on Sport and the Environment Coming to Vancouver.....       | 42        |
| EPIC: The Vancouver Sun Sustainable Living Expo.....                         | 44        |
| <b>International.....</b>                                                    | <b>44</b> |
| The Southeast Recycling Conference & Trade Show .....                        | 44        |
| Water, Energy and Environment Conference and Trade Show .....                | 45        |
| Greenbuild 2008.....                                                         | 46        |
| Carbon TradeEx America .....                                                 | 47        |
| Conference on the International Dimensions of Climate Policies.....          | 47        |
| Municipalika .....                                                           | 48        |
| The 11th International Conference on Energy and Environment.....             | 49        |
| 14th Austrian Biomass Conference.....                                        | 49        |

## **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.

## ***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](http://www.mstn.ca)

## **General News**

### ***Local Interest***

#### **Province Unveils Green Registry**

Website to Showcase Manitoba Action To Reduce Greenhouse Gas Emissions in Manitoba: Rondeau

October 30, 2008

News tools are now available to help Manitobans understand and take action on climate change issues, Science, Technology, Energy and Mines Minister Jim Rondeau announced today.

“The Green Registry is a website that helps people understand the sources of greenhouse gas (GHG) emissions and how to measure and reduce these emissions,” said Rondeau. “Through the registry, Manitobans can discover how to plan for and minimize the harmful effects of an already changing climate.”

Rondeau said Manitoba, the Canadian Standards Association (CSA) and the Canadian Climate Exchange decided in 2007 to work together to find a way to explain to people the problems arising from climate change.

“CSA is committed to developing climate change standards that help manage, reduce, monitor, report and measure GHG emissions,” said Suzanne Kiraly, president, Standards, Canadian Standards Association. “CSA assisted the Province of Manitoba by developing the conceptual design for innovative solutions to facilitate the public reporting of GHG inventories and emission reducing projects, such as CSA’s GHG Registries.”

“Canadian Climate Exchange and Intercontinental Exchange applaud the Manitoba government on this initiative,” said Brad Vannan, president and chief operating officer of Intercontinental Exchange Futures Canada. “The Green Registry provides the critical building blocks for the eventual development of an emissions marketplace.”

The registry will regularly add to its database of residential and business incentive programs, greenhouse gas protocols, calculators and climate-change service providers.

“This site will showcase the real action taking place in Manitoba to reduce greenhouse gas emissions,” said Rondeau.

Rondeau also announced funding of \$17,000 to the Manitoba Food Charter for the Manitoba Food Miles Program. The goal of the project is to increase public awareness of the benefits of eating locally grown food, thereby reducing the distance Manitoba food has to travel, resulting in a decrease in greenhouse gas emissions.

Rondeau noted a number of climate change initiatives the province has supported in the past including:

- Funding of \$15,000 to the University of Winnipeg to study establishing a transportation hub that will provide information, secure bicycle storage, repair facilities and other amenities.
- Funding of \$100,000 for the Manitoba Organics Transition Program to provide a financial incentive for Manitoba farmers who convert their cropland and pasture to certified organic status. Changing to organic crops would help reduce nitrous oxide emissions from artificial fertilizers and, at the same time, support a burgeoning business opportunity in rural communities.

Rondeau said the Green Registry delivers on the province's commitment in its memorandums of understanding with British Columbia and California to find ways to share best practices on reducing greenhouse gas emissions.

The second phase of the Green Registry is expected to be launched in early 2009 when the province intends to implement a carbon credit trading platform for businesses and individuals.

"This is another example of how Manitoba is encouraging a transition to a low-carbon economy," said Rondeau. "The registry will provide Manitobans and others beyond our borders with a practical tool that will eventually stimulate carbon trading, provide useful information to reduce our greenhouse gas emissions and prepare Manitobans for a sustainable future."

The Green Registry can be found at [www.greenregistry.org](http://www.greenregistry.org).

Source: [www.gov.mb.ca](http://www.gov.mb.ca)

## **Hybrid Technology, Alternative Transportation Among 44 Projects to Benefit From \$619,000 Investment: Struthers**

October 22, 2008

Alternative transportation, hybrid technology and an inventory of Aboriginal medicinal land are among the 44 projects to benefit from an investment of \$619,540

through the Sustainable Development Innovations Fund (SDIF), Conservation Minister Stan Struthers today as part of 2008 Waste Reduction Week activities.

“The challenges and opportunities around environmental protection and climate change require awareness and action and we are pleased to assist the recipients of this round of grants,” said Struthers. “All Manitobans share a responsibility to make the right choices, such as choosing to recycle, buy in bulk or purchase reusable rather than disposable containers.”

Schools, organizations and governments will be running a number of projects with funding support from the SDIF. The fund supports a diverse range of projects, from research studies and demonstrations of new technology to community enhancement and environmental awareness. Other targeted funding programs under the SDIF are the Waste Reduction and Pollution Prevention Fund, Environmental Youth Corps, Manitoba Climate Change Action Fund and Water Stewardship Fund.

“Manitoba is a world leader on climate change and we’re making strides to minimize our environmental footprint. With the help of all Manitobans, we can ensure future generations inherit an environmental legacy we can all be proud of,” said Struthers.

More information on these programs is available at [www.susdev.gov.mb.ca](http://www.susdev.gov.mb.ca).

Source: [www.gov.mb.ca](http://www.gov.mb.ca)

## **Province to ID Toxins in Public Housing**

October 26, 2008

Manitoba is spending up to \$5 million to look for asbestos, PCBs and mercury in its public housing buildings, but critics say the inventory of chemicals won’t have any value unless the province plans on stripping the toxic materials out of the aging homes.

The provincial housing authority said it’s trying to be “a good landlord” by putting out a multimillion-dollar public tender for someone to catalogue all the hazardous materials in Manitoba’s 29,000 housing units.

Housing experts say many of the country’s public housing units were built on the cheap more than 30 years ago and haven’t been refurbished much since then. The situation means residents could be exposed to a whole host of dangerous toxins.

John Snezyk, manager of maintenance operations with the Manitoba Housing Authority, said some people at the department know where the hazardous materials are, but many of them are retiring, taking their knowledge with them.

Some of Manitoba's units contain asbestos, underground tanks, mercury and light fixtures laced with PCBs.

But Snezyk said the province isn't compiling the list with an eye to removing all hazardous materials.

"A lot of the time if not disturbed, (they) really don't create too much of a hazard," he said. "It's just being proactive. It's a hallmark of a good landlord. We want to make sure we are aware of what we have in the field."

If the contractor discovers areas where the toxic substances are putting tenants at risk, the housing authority said it will take the necessary steps to address the issue, which could include removing the material.

But affordable housing expert Michael Shapcott said any inventory of hazardous materials isn't worth much unless the province shares that information with tenants and backs up its newfound knowledge with cash to remove the dangerous materials.

Subsidized housing was built quickly and with relatively low standards in the 1970s, Shapcott said. With an increasingly deteriorating housing stock, Shapcott said many provinces are now running into problems with mould, asbestos and lead-based paint. Such dangerous materials have a direct impact on the health of tenants, he said.

"This is linked to some overarching notions that beggars can't be choosers and poor people should be grateful for whatever they're given," said Shapcott, director of community engagement at the Wellesley Institute in Toronto.

"Therefore, there hasn't been as much attention paid to the ongoing capital repair of social housing."

Manitoba is the first province to undertake a detailed inventory of toxic substances within its public housing units, Shapcott said.

But that's just the beginning, he added. Tenants don't own their homes and can't afford the necessary repairs to remove any toxic substances, he said. The government has to take some responsibility to phase out these dangerous chemicals.

"It's got to be backed up with some serious cash once the inevitable issues are uncovered," Shapcott said.

The extensive inventory of hazardous materials is part of the Manitoba government's three-year \$72-million program to rejuvenate its public housing.

A spokeswoman for Housing Minister Gord Mackintosh said the minister isn't involved in the inventory at this point and "would not determine what is hazardous nor what should be done with any possible hazardous materials."

But Liberal Leader Jon Gerrard said refurbishing the province's social housing should be a top priority for the government.

"The province should be the best landlord and not the worst," Gerrard said. "We've got to have buildings which are in good shape and not run-down."

Source: [www.winnipegfreepress.com](http://www.winnipegfreepress.com)

## **Manitoba Celebrates Farm and Rural Women's Week Nov. 2 to 8**

October 31, 2008

In recognition of the contribution farm and rural women make to Manitoba's agriculture and food industry and their communities, Agriculture, Food and Rural Initiatives Minister Rosann Wowchuk today proclaimed Nov. 2 to 8 as Manitoba Farm and Rural Women's Week.

Women from across rural Manitoba will come together to celebrate Farm and Rural Women's Week at the 22nd Annual Manitoba Farm Women's Conference being held in Brandon, said Wowchuk.

"Farm and rural women play a crucial role in the development and stability of rural areas. These women have become the centre of life in rural areas and are making vital contributions to society."

This year's theme for the conference is Keep it Real, Keep it Rural. The conference highlights the opportunities being provided for farm and rural women to access and learn the skills to cope with the pressures of their changing roles as business owners and partners, spouses and mothers, and community leaders and volunteers.

For the past 21 years, the Manitoba Farm Women's Conference has provided an opportunity for farm and rural women from all across the province to meet, learn and share their experiences of life in rural Manitoba.

Wowchuk noted the women who have attended the event over the years have gained tremendous amounts of information on topics such as farm transfers, business management, nutrition, farm diversification, entrepreneurship, quilting, retirement and raising a family.

“Manitoba Farm and Rural Women’s Week serves to recognize the strategic thinking, resiliency and dedication to lifelong learning demonstrated by farm and rural women each day of the year,” said Wowchuk. “These women are so important in providing the leadership, knowledge and commitment necessary for communities, businesses and families to grow.”

For more information on the 22nd Farm Women’s Conference visit:  
[www.manitobafarmwomensconference.ca](http://www.manitobafarmwomensconference.ca)

Source: [www.gov.mb.ca](http://www.gov.mb.ca)

## ***National Interest***

### **Draft Canadian Water Quality Guidelines for the Protection of Aquatic Life - Boron**

A draft Canadian Water Quality Guideline for the Protection of Aquatic Life - Boron, based on a scientific criteria document contributed by Ontario Ministry of Environment, is available for 30 day public review and comment until November 28, 2008. Please see the following link for details:  
[http://www.ccme.ca/ourwork/water.html?category\\_id=101](http://www.ccme.ca/ourwork/water.html?category_id=101)

## **CEQG Online**

Updates to the Canadian Water Quality Guidelines for the Protection of Aquatic Life and Canadian Soil Quality Guidelines for the Protection of Environmental and Human Health have been posted to CEQG online. Go to <http://cegg-rcqe.ccme.ca/> to view the updates to:

- Canadian Water Quality Guidelines for the Protection of Aquatic Life - A Protocol for the Derivation of Water Quality Guidelines for the Protection of Aquatic Life 2007;
- Canadian Water Quality Guidelines for the Protection of Aquatic Life – Chlorpyrifos;
- Canadian Water Quality Guidelines for the Protection of Aquatic Life – 1,4 Dioxane;

- Canadian Soil Quality Guidelines for the Protection of Environmental and Human Health – Polycyclic Aromatic Hydrocarbons 2008.

## **Martin Off to Italy to Add Asbestos to Hazard List**

October 23, 2008

Winnipeg NDP MP Pat Martin is heading to Italy next week hoping to help foil what he expects will be attempts by the Canadian government to prevent chrysotile asbestos from being added to an international list of hazardous substances.

The list is part of the United Nations-backed Rotterdam Convention, a 10-year-old international agreement which gives countries a legal right to be informed about the hazards of chemicals and pesticides before importing them.

There are 39 substances on the current list.

Next week, the treaty's 126 parties will gather in Rome to consider adding three more substances including chrysotile asbestos, the most common form of asbestos in the world. Canada blocked the addition of the substance at the last convention and is expected to do so again in Italy.

Canada is one of the world's biggest exporters of asbestos. All of it is mined in Quebec.

Martin is one of a number of anti-asbestos lobbyists heading to Italy hoping Canada will not repeat its policy to deny the addition of chrysotile asbestos.

"If most Canadians knew Canada was a cheerleader for the asbestos cartel they would be horrified," Martin said Thursday in a news conference on Parliament Hill.

Martin says he is paying his own way to go to Rome because he feels very strongly Canada is acting like an international thug in continuing to export a product to the developing world at the same time as it is paying millions to remove from buildings in Canada, including the Parliament buildings.

"Canada is exporting human misery on a monumental scale," said Martin. Daniel Barbarie, a spokesman for the Department of Foreign Affairs, said Canada is still considering what position it will take in Rome. "Government officials are continuing to consult internally," said Barbarie. "We should have something soon."

More than 90 per cent of asbestos mined in Canada is exported, mostly to developing countries where it is used as an additive to make cement building products more durable.

Proponents of chrysotile asbestos say it is not as harmful as other forms of asbestos which are already listed in the Rotterdam Convention. Bernard Coulombe, president of Jeffrey Mine Inc. located in Asbestos, Que. - once the location of one of the world's largest asbestos mines - said the motivation behind the move to add chrysotile asbestos to the list has more to do with big business than health and safety.

Calling it an "international mercantile battle," Coulombe said listing the product is the first step towards an outright ban and countries clamouring to add it to the list are those that wish to replace it with petroleum-based synthetic fibres.

"The synthetics cost five to 10 times more and we don't know how noxious they are to our health when we breathe them in," he said. "Countries that produce them are those that want them banned, essentially European countries."

Kathleen Ruff, senior advisor on human rights for the Ottawa-based think tank Rideau Institute, Ruff said adding chrysotile asbestos to the Rotterdam list isn't banning the substance it is ensuring the basic human rights of people to know what it is they are being sold.

"It does not stop Canada from selling asbestos," said Ruff.

She said Canada's behaviour at the last Rotterdam Convention meeting in 2006 was an embarrassment.

"Canada went to that convention as if it was a marketing opportunity for asbestos," she said.

Ruff also says the few scientists who suggest chrysotile asbestos isn't harmful are biased and funded by the asbestos industry.

She noted 80 per cent of the people who died in Quebec in 2007 of an occupational illness died of asbestos-related diseases.

The World Health Organization has listed asbestos as a cancer-causing substance and says 90,000 people a year die worldwide due to asbestos. Over 40 countries have already banned the use of chrysotile asbestos because of its health risks.

This week the Canadian Medical Association Journal published an editorial this week slamming Ottawa for blocking asbestos from being added at the last Rotterdam Convention meeting and compared Canada's continued export of asbestos to international arms dealing.

Pat Martin also says Canada's allies against adding the substance include Iran, Zimbabwe and Russia.

Asbestos exports were worth an estimated \$110 million to the Canadian economy in 2006. It is exported mainly as an additive for cement which makes cement more durable.

About 700 people in Quebec are employed by the asbestos industry. Martin said the government should stop the mines and step in with retraining and economic development for the region.

He said Canada's continued support for the asbestos industry is "corporate welfare for serial killers."

-with files from Canadian Press

Source: [www.winnipegfreepress.com](http://www.winnipegfreepress.com)

## ***International Interest***

### **Carbon Capture and Storage - We're Not Doing Enough!**

October 24 2008

The window of opportunity is closing for the global community to cost-effectively address climate change said Nobuo Tanaka, Executive Director of the [International Energy Agency](http://www.iea.org) (IEA) in Paris, at a Press Conference for the release of a new IEA study - Carbon Dioxide Capture and Storage: a Key Carbon Abatement Option.

Carbon Capture and Storage (CCS) technologies can play a key role here, he noted, but first they must be proven over the next decade.

The IEA study states that CCS can deliver cost-effective emissions reductions, but governments and industry must come forward to finance large-scale CCS demonstrations and to work together more widely. "The IEA can help with this collaboration", said Mr. Tanaka. "If we do not successfully demonstrate CCS soon, it will raise costs significantly for other climate mitigation options".

CCS is a Critical Solution

Without new energy policies, emissions could increase by 130% in 2050. CCS is one of the most promising energy technology solutions to curb CO<sub>2</sub> emissions.

CCS could deliver 20% of the necessary emissions reductions in 2050  
But much more is needed for its deployment

Source: IEA

Carbon dioxide capture and storage (CCS) is one of the most promising technological solutions to curb greenhouse gas emissions and to salvage our climate, states the report. But many questions remain. Currently, only four full-scale CCS projects exist in the world; none of these projects captures carbon dioxide (CO<sub>2</sub>) from a coal-fired power plant.

In Canada, Alberta and Saskatchewan are taking the lead on carbon capture and storage research, but even the most advanced project is seven years away, notes [Tyler Hamilton](#), Energy Reporter for the Toronto Star.

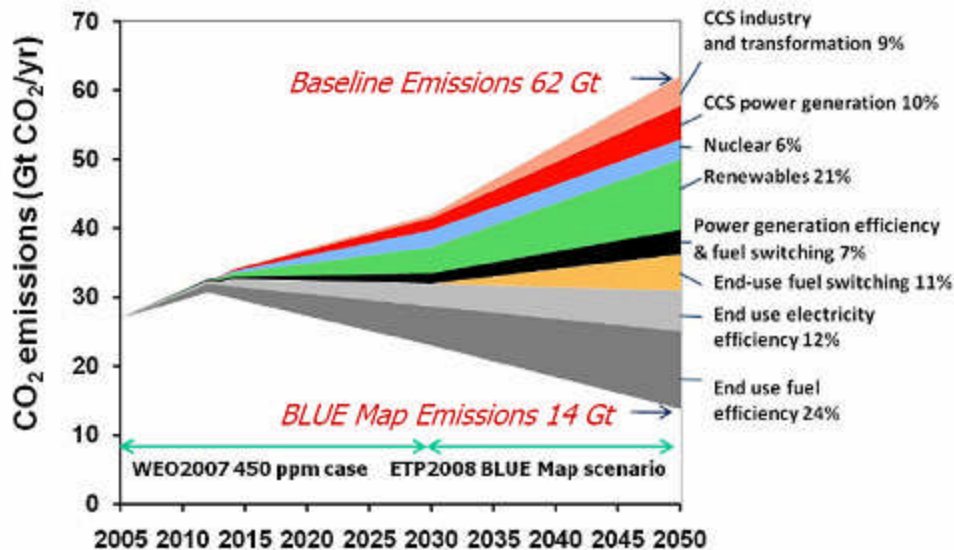
[Shell Canada](#) unveiled plans last week for a \$20-million carbon dioxide storage research project that could eventually see more than one million tonnes a year of CO<sub>2</sub> from the company's Scotford upgrader injected down a 2,000-metre-deep well and is expected to be completed by June 2010. The company will drill three test wells to examine the CO<sub>2</sub> injection capability and storage capacity in formations deep beneath the surface.

Under current energy policies, the IEA forecasts that greenhouse gas emissions will grow rapidly, with a major contribution coming from fossil fuel combustion in power plants and industry. In the absence of new policies, the IEA's Energy Technology Perspectives (ETP) study, projects that energy-related CO<sub>2</sub> emissions would grow by 130% until 2050. This increase would largely be a result of increased fossil fuel usage.

The 2007 Intergovernmental Panel on Climate Change (IPCC) 4th Assessment Report indicates that such a rise in emissions could lead to a temperature increase in the range of 4-7°C, with major impacts on the environment and human activity.

There is a growing consensus that the world needs to reduce the energy-related CO<sub>2</sub> emissions by half by 2050 to limit the expected temperature increase to less than 3 degrees,. Meeting this formidable challenge will take an energy technology revolution. The massive changes will involve enhanced energy efficiency, increased use of renewable energies and nuclear power, and the decarbonisation of power generation from fossil fuels.

## Contribution of Technology Options: Cutting Energy Related CO2 Emissions



In the power and industrial sectors alone, CCS could contribute nearly one-fifth of the reductions needed to reduce greenhouse gas emissions by half by 2050, and at reasonable cost. "CCS is therefore essential to the achievement of deep emission cuts," emphasised Mr. Tanaka.

"Most of the major world economies recognise this and have CCS technology development programmes designed to achieve commercial deployment." At the 2008 [Hokkaido-Toyako](#) summit, the G8 countries announced that 20 large-scale CCS demonstration projects must be commissioned by 2010, and for broad commercial deployment in 2020. Ministers have asked the IEA to assess how much progress will have been made in terms of implementation by that time.

The study notes that current CCS spending and activity levels are nowhere near enough to achieve the G8 goals. CCS technology demonstration has been challenged by a global increase in costs and a lack of suitable financial mechanisms. Foremost, the IEA believes that up to USD 20 billion are needed for near-term demonstrations, in addition to the plants base costs. It is also important to integrate CCS into greenhouse gas (GHG) regulatory and incentive schemes.

While progress is underway in some countries, no country has yet developed the comprehensive, detailed legal and regulatory framework that is necessary to govern effectively the use of CCS. Also, CCS is poorly understood by the general public with the result that there is a wide-spread lack of public support for this technology as compared to several other GHG mitigation options, notes the report.

Next to an updated analysis on the potential, cost and performance of CCS technologies, the study discusses the [financial incentive mechanisms](#) that governments can use, and proposes a CCS Roadmap with the necessary technical,

political, financial and international collaboration activities to achieve their emissions reduction goals. "It is now time to act", said Mr. Tanaka. "We hope that this study helps governments and industry to take immediate steps to make a major difference on climate change with CCS."

See also GLOBE-Net article "[Carbon capture and storage - Reality or Illusion.](#)"

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

Source: [www.globe-net.ca](http://www.globe-net.ca)

## **Mission Climat Report on American Climate Policy**

October 29, 2008

On the eve of the American Presidential election, the Mission Climat of Caisse des Dépôts in Paris is delighted to present its most recent Climate Report: "Change is in the Air: The Foundations of the Coming American Carbon Market". This report details the climate policy initiatives launched by private actors, cities and states, discusses the legislative proposals being considered by the United States Congress, and explores how American efforts may impact the international carbon market.

You may find this report, as well as our other publications, at <http://www.caissedesdepots.fr/missionclimat>. As always, we welcome your comments. Please feel free to contact us at [mission-climat@caissedesdepots.fr](mailto:mission-climat@caissedesdepots.fr).

Kind regards,

Cate HIGHT

Mission Climat de la Caisse des Dépôts

278, Boulevard Saint-Germain – 75356 PARIS 07 SP

Tél. : + 33 (1) 58 50 98 19

Télécopie : + 33 (1) 58 50 00 30

Courriel : [cate.hight@caissedesdepots.fr](mailto:cate.hight@caissedesdepots.fr)

Site web: <http://www.caissedesdepots.fr/missionclimat>

## **Competitiveness and Carbon Leakage: IEA Report**

The IEA has just released a paper entitled: "Issues behind Competitiveness and Carbon leakage - Focus on heavy Industry"

This report explores the vulnerability of heavy industry to carbon leakage and competitiveness loss. It reviews the existing literature on competitiveness and carbon leakage under uneven climate policies. It also suggests a statistical method to track carbon leakage, and applies this methodology to Phase I of the EU emissions trading scheme, for various industrial activities: iron and steel, cement, aluminium and refineries. Finally, it reviews measures to mitigate carbon leakage, as discussed in Australia, Canada, Europe, New Zealand and the US.

The paper can be downloaded at:

[www.iea.org/textbase/papers/2008/Competitiveness\\_and\\_Carbon\\_Leakage.pdf](http://www.iea.org/textbase/papers/2008/Competitiveness_and_Carbon_Leakage.pdf)

For further information, please contact: Julia.Reinaud@iea.org Sincerely, Julia Reinaud

Policy Analyst

Energy Efficiency and Environment Division International Energy Agency 9, rue de la Federation  
75739 Paris

Tel: +33 140 57 67 25

Fax: +33 140 57 67 39

## **Implementing the Bali Action Plan: What Role for the CDM?**

Oxford Institute for Energy Studies

Oxford Energy and Environment Comment, October 2008

Benito Müller (Director, Energy and Environment at the OIES) and Prodipto Ghosh (Distinguished Fellow TERI, New Delhi, and former Secretary, Ministry of Environment and Forests, India) propose a way in which the Clean Development Mechanism can be used to implement the provisions of the Bali Action Plan on reducing developing country emissions.

available at: <http://www.oxfordclimatepolicy.org/publications/mueller.html>

# **Business and Career Opportunities**

## ***National***

### **Water Valuation Guidance Document**

Requests for Proposals

#### **BACKGROUND**

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 the Water Agenda Development Committee (WADC) to manage intergovernmental approaches to water issues in Canada. WADC provides coherence through one working committee that:

recommends priorities for cooperative action on existing and new water issues, potentially including the development of national plans or strategies to address these priorities, and potential mechanisms to accomplish them; and serves as a forum for federal-provincial-territorial dialogue on significant water issues.

There has been considerable work done on economic valuation of water internationally and some in Canada. There is recognition by member jurisdictions of CCME that information about the economic value of water could be useful for addressing water management issues and developing water management strategies. It is also recognized that there is currently not much experience in this area in Canada and that guidance on how to integrate water valuation into decision-making is not readily available. Accordingly, WADC has identified water valuation as a priority issue and established a water valuation sub-group to address it.

In 2008, a contractor prepared a "Scoping Report on Canadian and International Water Valuation" ("the scoping report"). This report presented the results of a literature review on water valuation as well as a series of interviews with government water managers and experts from across Canada. Both the literature review and the interviews revealed that water valuation can play an important role in decision-making on a number of water management issues.

The report provided guidance for policy makers on how to integrate the economic value of water into water management and policy decisions. It also identified key data and methodology gaps that are currently limiting water valuation work in

Canada and recommended potential actions to respond to the gaps. This report will be the basis for developing a national water valuation guidance document to assist jurisdictions in incorporating water valuation information and methods when addressing water management issues.

The Contractor will produce a water valuation guidance document(s) that is based on the scoping report and includes additional material that the Contractor, based on their expertise in the subject matter and knowledge of appropriate presentation mechanisms and formats for facilitating learning, suggests will help jurisdictions undertake water valuation. The Contract Authority will provide the scoping report to potential bidders to this contract upon request.

Specifically, the water valuation guidance document(s) will identify water valuation information and methods that can be used to address specific water management issues. The Contractor will summarize the key content of the scoping report and provide further analysis and synthesis as needed in order for the material to be comprehensive and presented in a format that is user-friendly. include additional material (such as case studies or other educational material) that will enhance the key content from above and facilitate its use. The Contractor will present this material in a manner that will clearly demonstrate to resource management decision makers how to use water valuation information and methods to address specific water management issues.

The resulting product is intended to be a national reference document that will assist jurisdictions in incorporating water valuation when addressing water management issues. The intended audience is resource management decision-makers (i.e., provinces, boards, municipalities, etc.; not the general public). A peer review of the draft water valuation guidance document(s) by individuals to be selected by the water valuation sub-group will be conducted prior to finalization of the document(s). This peer review is not the responsibility of the consultant to conduct, but rather will be a part of the review of the draft document(s) conducted by the water valuation subgroup.

The Contractor will begin work on December 5, 2008 with a final guidance document(s) to be delivered by March 31, 2009. The scope of work requires the successful bidder to have technical economic expertise about applying valuation information and methods to water management issues, familiarity with water valuation work, as well as expertise in writing and designing documents that make technical information usable for a non-technical audience.

#### Task

Task 1: Project Initiation - The Contractor will initially meet with the Project and Contract Authorities via teleconference to discuss the scope of the project, expectations for deliverables (e.g., issues to be addressed in the guidance document(s)) and periodic progress reports, format of deliverables, and expected timelines

Task 2: Outline of Water Valuation Guidance Document(s) - By December 16, 2008, the Contractor will provide to the Contract and Project Authorities an outline of the water valuation guidance document(s) (both content and format) for review by the water valuation sub-group.

Task 3: Presentation of Outline of Water Valuation Guidance Document(s) - On December 18, 2008, the Contractor will participate in a teleconference call to present the outline of the water valuation guidance document(s) to the water valuation sub-group. The Contractor will incorporate any guidance the sub-group may have.

Task 4: Draft Water Valuation Guidance Document(s) - By January 16, 2009, the Contractor will provide to the Contract and Project Authorities a draft water valuation guidance document(s) for review by the water valuation sub-group.

Task 5: Presentation of Draft Water Valuation Guidance Document(s) - The Contractor will participate in a teleconference call to present the draft water valuation guidance document(s) to the water valuation sub-group and will incorporate any guidance the sub-group may have. (Date to be determined - approximately 1 week after the draft is submitted.)

Task 6: Revised Draft Water Valuation Guidance Document(s) - By February 16, 2009, the Contractor will provide to the Contract and Project Authorities a revised draft water valuation guidance document(s) for review by the water valuation sub-group, WADC and individuals selected by the sub-group.

Task 7: Presentation of Revised Draft Water Valuation Guidance Document(s) -The Contractor will participate in a teleconference call to present the revised draft water valuation guidance document(s) to the water valuation sub-group and WADC. (Date to be determined - approximately 2 weeks after the revised draft is submitted.)

Task 8: Final Water Valuation Guidance Document(s) - By March 31, 2009, the Contractor will provide to the Contract and Project Authorities a final water valuation guidance document(s) that incorporates any comments and suggestions provided by WADC, the water valuation sub-group and selected individuals on the revised draft of the water valuation guidance document(s).

## PROPOSALS

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, budget and deliverables.

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.

Contact: Krista Nazimek Canadian Council of Ministers of the Environment 123 Main Street, Suite 360 Winnipeg, MB R3C 1A3 Tel: (204) 948-2002 Fax: (204) 948-2125 Email: [KNazimek@ccme.ca](mailto:KNazimek@ccme.ca)

Source: CCME . Reference: # Project # 453-2009.

Deadline: November 21, 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

## **Wastewater Lagoon Desludging 2008-2009**

### Tender Calls

The Regional Municipality of Wood Buffalo is accepting tenders for dewatering and desludging one or two sewage lagoon cells at the existing Fort McMurray Sewage Lagoons. The work generally consists of pumping supernatant from one cell to another cell on-site and pumping sludge from one cell to a sludge containment cell on-site.

Submissions to be marked WASTEWATER LAGOON DESLUDGING 2008-2009, TENDER NO. QU2139 will be received until 2:00 pm, Thursday, November 6, 2008 at the Regional Municipality of Wood Buffalo – Purchasing Division, Fifth Floor, 9909 Franklin Avenue, Fort McMurray, AB, T9H 2K4 Attention: Lisa Romaine. Tenders received after the closing date and time will no be considered and will be returned unopened.

Tender Documents for this project may be obtained by contacting the Municipality's Purchasing Division – telephone: (780) 743-7844, email: [purchasing@woodbuffalo.ab.ca](mailto:purchasing@woodbuffalo.ab.ca) or may be obtained through the Alberta Purchasing Connection website at: <https://vendor.purchasingconnection.ca>.

This tender is subject to Annex 502.4 of the Agreement on Internal Trade.

The lowest tender bid will not necessarily be accepted. The Municipality reserves the right to accept or reject any or all tenders in whole or part. The contractor will be required to sign a standardized CCDC18 contract.

Inquiries regarding this Project shall be directed to:

TENDER INQUIRES  
Lisa Romaine, CPPB  
Purchasing Division  
Regional Municipality of Wood Buffalo  
Telephone: (780) 743-7844  
Facsimile: (780) 743-7999  
Email: [purchasing@woodbuffalo.ab.ca](mailto:purchasing@woodbuffalo.ab.ca)

Contact: Romaine, Lisa Senior Buyer 9909 Franklin Ave Fort McMurray, Alberta T9H2K4 Tel: 780-743-7844 Email: lisa.romaine@woodbuffalo.ab.ca

Source: Alberta Purchasing Commission

Deadline: November 6, 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](http://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 interested 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](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

## **Request for Qualifications - Greenhouse Gas Offsets**

### Expressions of Interest

The Pacific Carbon Trust ("PCT") has the mandate to acquire Qualifying GHG Offsets ("Offsets") on behalf of Public Sector Organizations and other clients. By 2011, PCT expects to be acquiring annually between 700,000 and 1 million tonnes of carbon dioxide-equivalent (CO<sub>2</sub>e) Offsets. In the near term, PCT has to acquire an estimated 35,000 tonnes of Realized and Verified Offsets by June 30, 2009. In order to meet the anticipated future requirements for Offsets, PCT aims to purchase up to a further 35,000 tonnes of Realized and Verified Offsets before July 2009 should there be an opportunity to do so at a reasonable price.

The purpose of this Request for Qualifications ("RFQ") is to pre-qualify Respondents with the capability and capacity to provide all or some of the Offsets needed to meet the target volume of 70,000 tonnes before July 2009. Subject to the quality and price of the proposed Offsets, PCT intends to negotiate and award contracts for the Offsets that can be supplied before July 2009, using a rotation approach starting with the highest ranked Qualified Supplier.

Respondents should note that this RFQ is not an agreement to purchase services. PCT is not bound to enter into a Contract with any Respondent or Qualified Supplier. Respondents may, at any time by notice in writing to the PCT, withdraw from this RFQ process.

Respondents that cannot meet the requirements of this RFQ will not be excluded from future offset procurement processes. Over the next twelve months, PCT expects to initiate additional procurement processes to help it meet its future obligations

Contact: Gordon, Audra Manager, Commercial Services Pacific Carbon Trust, 2nd Floor, 563 Superior Street, Victoria, British Columbia, V8W 9W6

Source: BC Bid .

Deadline: November 6, 2008

## **Real Property Advisor Oil & Gas Exploration**

### Requests for Proposals

Defence Construction Canada – Abbreviated Proposals for Consulting Services – Supply Arrangement for Real Property Advisor, Oil and Gas Exploration/Production

on DND Properties, CF Bases/Wings, Alberta and Saskatchewan

In accordance with the rules, regulations, statutes and guidelines of the province and the professional association(s) wherein projects under this Supply Arrangement will be executed (Alberta and Saskatchewan), Defence Construction Canada (DCC) is calling for Abbreviated Proposals from consulting firms to provide Oil and Gas Industry Real Property Advisory Services, on an “as and when requested basis” in response to specific tasks, required by the Department of National Defence, at Bases/Wings in Alberta and Saskatchewan.

The objective of this Request for Abbreviated Proposal (RFAP) is to select three (3) Consultants, who will each sign a Supply Arrangement (SA) with DCC. The estimated maximum value of all commissions under the SA is \$750,000.00 to provide the required services for a period of three (3) years from the date of SA closing. This SA may be extended in one (1) year increments for a total maximum duration of up to five (5) years with no increase in the maximum value.

Information provided by the Proponents will be evaluated using the established criteria in the Request for Abbreviated Proposal document. The criteria relate to achievements and experience, technical and managerial expertise, and consultant coordination. The three (3) highest ranking firms selected through the evaluation process, including a factor for the price element, will be invited to negotiate supply agreements with DCC.

This opportunity follows tendering procedures in accordance with Chapter 10 of NAFTA.

The Security Requirements for this project are identified in the Tender Documents. Firms that consider themselves qualified to provide these services are invited to submit their Abbreviated Proposal on the forms that are available from MERX by calling 1-800-964-6379.

To be considered, Abbreviated Proposals must be received at the following address, no later than 14:00 hours local time on November 13, 2008.

Proponents can obtain contract award results from the DCC Website at <http://www.dcc-cdc.gc.ca/inform/ContractAwards.htm>.

Contact: Defence Construction Canada Constitution Square, 350 Albert Street, Suite 1900, Ottawa, Ontario K1A 0K3

Source: MERX . Reference: # 159984.

Deadline: November 13, 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

## **Development of a Landfill Closure**

### Requests for Proposals

The Ministry of the Environment by its agent the Ontario Shared Services invites sealed proposals for the provision of Consulting Services for the Design and Development of a Landfill Closure/Post Closure Plan for the former Quinte Sanitation Landfill site in the City of Quinte West, Ontario

Proponents are invited to submit proposals which outline the methodology for the project as described in this RFP. Under the direction of the Project Coordinator, the successful Proponent will liaise with staff of the Ministry's Eastern Region including Technical Support Section, Quinte Conservation, the City of Quinte West and any other party that the Ministry considers relevant.

The successful Proponent is expected to undertake all studies and provide all necessary reports to meet the following objectives:

- Review Historic Reports/Documents
- Complete a Site Characterization
- Develop a 3-D Conceptual Site Model for the subsurface fate and transport of landfill derived contaminants (i.e. gas and leachate)
- Compare the existing groundwater and gas monitoring network with the Conceptual Site Model
- Design and complete a Hydrogeological Study of the former landfill property and surrounding potentially impacted areas
- Delineate the horizontal and vertical extent of groundwater contamination at and originating from the Property to determine the full extent of the contaminant plume on and off the Property
- Assess the extent of landfill gas in the subsurface under frozen and non-frozen ground conditions
- Assess the potential/extent of natural attenuation occurring within the contaminant plume
- Assess the extent and condition of final landfill cover
- Prepare a Hydrogeologic Report
- Develop a Site Closure/Post-Closure Plan, including schedule for implementation and cost estimate in accordance with the Ministry's "Landfill Standards: a Guideline on the Regulatory and Approvals Requirements for New and Expanding Landfilling Sites" May 1998

Optional Proponent Briefing:

Date: October 30, 2008

Time: 10:00 a.m. until 12:00 p.m.

Location: Quinte Sanitation Landfill located on Aiken's Road in the City of Quinte West

Attendance at this briefing is not mandatory. The Ministry will post all questions received prior to, during and after the briefing as well as the answers as an Addendum on MERX™ in accordance with subsection 4.2.2 of this RFP

Library Room

Starting on October 27, 2008 the Ministry will make available a library room where written material relevant to the provision of the Deliverables will be available to proponents for review. Appendix F provides important information about the library room and how to arrange for access to the materials. Prior to gaining access to the library room, proponents will be required to sign a Non-Disclosure and Confidentiality Agreement in the form attached at Appendix G to this RFP pertaining to the information contained in the library room.

The final date for receiving written questions is November 4, 2008 4:00 PM (Peterborough time).

Final Addenda will be issued by November 7, 2008 4:00 PM. (Peterborough time)

Proposals must be received before 2:00:00 PM. (Peterborough time) on November 14, 2008.

A Proponent who has not obtained this Tender/Proposal through MERX will have its proposal disqualified unless a third party has requested this Tender/Proposal from MERX on that Proponent's behalf and that Proponent has identified the third party on the Label of its proposal. If a Proponent who has obtained this Tender/Proposal from a third party, fails to identify that third party in this manner, that Proponent's Tender/Proposal will be disqualified.

Proponents who intend to respond to this procurement opportunity are requested not to cancel their receipt of addenda or amendments, since they must obtain through MERX all of the information documents that are issued through MERX.

In the event that a Proponent chooses to cancel the receipt of addenda or amendments their subsequent bid/proposal submission may be rejected.  
Contact: Wendy Mills, Procurement Officer 300 Water Street 3rd Floor North Tower  
Peterborough ON Postal Code K9J 8M5 Fax (705)755-5111 Email  
Wendy.Mills@ontario.ca

Source: MERX . Reference: # 161487.

Deadline: November 14, 2008

## **Request for Qualifications - Greenhouse Gas Offsets**

### Expressions of Interest

The Pacific Carbon Trust ("PCT") has the mandate to acquire Qualifying GHG Offsets ("Offsets") on behalf of Public Sector Organizations and other clients. By 2011, PCT expects to be acquiring annually between 700,000 and 1 million tonnes of carbon dioxide-equivalent (CO<sub>2</sub>e) Offsets. In the near term, PCT has to acquire an estimated 35,000 tonnes of Realized and Verified Offsets by June 30, 2009. In order to meet the anticipated future requirements for Offsets, PCT aims to purchase up to a further 35,000 tonnes of Realized and Verified Offsets before July 2009 should there be an opportunity to

do so at a reasonable price.

The purpose of this Request for Qualifications ("RFQ") is to pre-qualify Respondents with the capability and capacity to provide all or some of the Offsets needed to meet the target volume of 70,000 tonnes before July 2009. Subject to the quality and price of the proposed Offsets, PCT intends to negotiate and award contracts for the Offsets that can be supplied before July 2009, using a rotation approach starting with the highest ranked Qualified Supplier.

Respondents should note that this RFQ is not an agreement to purchase services. PCT is not bound to enter into a Contract with any Respondent or Qualified Supplier. Respondents may, at any time by notice in writing to the PCT, withdraw from this RFQ process.

Respondents that cannot meet the requirements of this RFQ will not be excluded from future offset procurement processes. Over the next twelve months, PCT expects to initiate additional procurement processes to help it meet its future obligations.

Contact: Gordon, Audra Manager, Commercial Services Pacific Carbon Trust 2nd Floor, 563 Superior Street Victoria, British Columbia V8W 9W6

Source: BC Bid . Reference: # PCT-2369.

Deadline: November 6, 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](mailto: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*

#### **MB CaGBC/CSC Present: Green Wall Technology**

Topic: "Living Walls"  
Green Wall Technology

Speaker: Bhavana Bonde, Landscape Architect, B.Arch, MASLA, CSLA  
Smith Carter Architects and Engineers Inc.

Date: Wednesday, November 12th, 2008

Place: Caboto Centre, 1055 Wilkes Ave.  
Time: 11:30 registration  
12:00 lunch with presentation to follow  
Cost: \$20 members and students  
\$25 non-members

Please RSVP to Megan Yetman at the Manitoba Chapter, Canada Green Building Council at [manitobachapter@cagbc.org](mailto:manitobachapter@cagbc.org) or by telephone at 943-1023 by Wednesday, November 5th.

Note: You must RSVP to attend. As we are charged for all RSVP's, please note that all no-shows will be invoiced.

## ***National***

### **REACH (EU Chemical Legislation) Webinar for Clients - November 6, 2008**

Complying with the New European Union Chemicals Legislation

New EU Chemicals Legislation - REACH - will impact Canadian companies selling products directly or indirectly to Europe as early as December 1st 2008.

The European Union Chemicals Legislation - REACH - could affect many Canadian companies selling products directly or indirectly to Europe. Chemical manufacturers, "upstream suppliers" and downstream" users of chemical products, which products may reasonably be expected to release chemicals, either intentionally or as an unintended result of use need to be informed about REACH.

Foreign Affairs and International Trade Canada is offering a free, interactive webinar for Canadian companies.

Ms. Anya Oram, Head, Economic and Commercial Affairs Section, Delegation of the European Commission to Canada, and

Ms. Ursula Schliessner, Attorney and Partner at McKenna Long & Aldridge LLP (Brussels)

will address:

- \* Which products come under REACH;
- \* Specifics of December 1, 2008 deadline for REACH pre-registration;
- \* Costs involved and how to find proper representation in the European Union ("Only Representatives"); and
- \* Answers to your questions.

Webinar on EU Chemicals Legislation for Canadian companies

November 6, 2008

12:00 noon Eastern Standard Time

- please note webinar will be conducted in English

For more information on REACH, please visit the Canadian Trade Commissioner Service's web site at <http://www.infoexport.gc.ca/ie-en/DisplayDocument.jsp?did=82434> <<http://www.infoexport.gc.ca/ie-en/DisplayDocument.jsp?did=82434>>

Register Now!

To participate in this important event, you must complete a brief online registration form at:

[http://www.surveymk.com/s.aspx?sm=ipZUwOoOWijy\\_2fJ\\_2f6g7TwaA\\_3d\\_3d](http://www.surveymk.com/s.aspx?sm=ipZUwOoOWijy_2fJ_2f6g7TwaA_3d_3d)  
<[http://www.surveymk.com/s.aspx?sm=ipZUwOoOWijy\\_2fJ\\_2f6g7TwaA\\_3d\\_3d](http://www.surveymk.com/s.aspx?sm=ipZUwOoOWijy_2fJ_2f6g7TwaA_3d_3d)>

Once you are registered you will receive further information and instructions by email, including a link to the webinar session itself.

Venue: The webinar will be presented using the Elluminate Live! online collaboration and meeting application. To participate, you will require a computer with Internet connection and a headset, or speakers and a microphone. If you do not have a microphone, you can still ask questions through direct messaging. The session will also be recorded and a link to the recorded session will be made available to all participants.

For more information about Elluminate Live!, and to check your computer for the appropriate configuration prior to the webinar, we strongly recommend that you take a few moments and visit the Elluminate web site at [www.illuminate.com/support](http://www.illuminate.com/support).

## **Project Delivery - A Successful Strategy from Concept to Completion**

Mississauga, ON: 17 Nov - 18 Nov 2008

Calgary, AB: 19 Jan - 20 Jan 2009

### **Description**

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](http://www.americana.org)

## **AESAC - Environmental Site Assessment Training Course**

Nov 14-16, 2008

AESAC (Associated Environmental Site Assessors of Canada), is offering environmental training courses across Canada. Courses are offered over an intense weekend session to minimize on time and expense. In order to meet it's mandate as

a National Organization for training and certification of Environmental Site Assessors, AESAC has announced the following courses, dates and locations. This is an intense weekend session that is offered in a productive workshop atmosphere, providing attendees with the training required to conduct Phase I Environmental Site Assessments (ESA's).

The course is suitable for both experienced practitioners and those wishing to enter the site assessment field and/or wish to be recognized as Canadian Site Assessment professionals. Successful completion of this course along with passing the certification exam entitles the attendee to be eligible\*for the C.E.S.A (Certified Environmental Site Assessor) designation.

VANCOUVER - Canada Export Centre - 602 West Hastings Street  
Mail, fax or email to: AESAC Inc., Box 490, Fenelon Falls, ON K0M 1N0 Phone toll free 1-877-512-3722 or Fax 705-887-2213 Web Site: [www.aesac.ca](http://www.aesac.ca) Email: [info@aesac.ca](mailto:info@aesac.ca)

[Web Site](#) [Registration Details](#)

## **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](mailto:nory.paredes@gowlings.com) or (416) 862-5746.

## **A&WMA Presents Conference in Edmonton**

The Air & Waste Management Association (A&WMA) will present "Integrated Waste Management Systems" November 12-14, 2008, in Edmonton, Alberta, Canada. This conference will examine issues related to municipal waste and waste management systems.

"This informative conference will unite speakers with hands-on experience in the design and operation of integrated waste management systems," said Adrienne

Carolla, A&WMA Executive Director. "Solid waste management practitioners in municipal consulting firms, industry professionals, and academics should not miss this event."

The conference will be divided into four sessions: an overview of successful waste management systems; new and emerging technologies; costs; and decision processes.

For more information, or to register, visit [www.awma.org/go/IWMS08](http://www.awma.org/go/IWMS08)

The Air & Waste Management Association is a nonprofit, nonpartisan professional organization that provides training, information, and networking opportunities to thousands of environmental professionals in 65 countries. For more information, visit [www.awma.org](http://www.awma.org)

## **Environmental Compliance Conference**

November 12, 2008  
Hilton Toronto Airport, Toronto

Our annual one-day compliance conference will take place on Wednesday, November 12, 2008 at the Hilton Toronto Airport. We are happy to announce that Golder Associates and Davies Ward Phillips & Vineberg LLP will be sponsoring this event. At this year's Environmental Compliance Conference, you will learn the consultant's perspective, a legal point of view and industry insight on the following topics: The New Chemical Management Plan, Civil liability for Spills and Contaminated Sites, Navigating the New Water Regulations, Emissions Trading - Applying and Trading Credits, Waste Management - Understanding Enforcement of the three Rs.

Environmental Compliance Conference will provide participants with this experience by giving them the opportunity to:

Network with influential decision-makers, peers, experts and practitioners from all types of industry;

Listen and learn from key consultants, legal practitioners, government representatives and corporate executives.

Gain new insight into key environmental compliance issues. Learn how they apply to your business and what the regulations really mean.

Hear first-hand success stories of organizations that have gained a distinct competitive advantage through the skills of their workforce.

For more information visit:  
[www.environmental-expert.com](http://www.environmental-expert.com)

## **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](mailto: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](http://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  
 Student Scholarships  
 Golf Tournament  
 Sponsorship  
 Exhibiting  
 Registration  
 Hotel Registration  
 Contact Information

## **Water, Energy and Environment Conference and Trade Show**

The Embassy of Jordan in Ottawa has requested that information about a water, energy and environment conference & trade show in Amman, taking place from November 9-13, be shared. Details of the event can be found at the following link:

[http://www.jaba.org.jo/docs/AJEX\\_2008\\_Concept\\_paper.pdf](http://www.jaba.org.jo/docs/AJEX_2008_Concept_paper.pdf)

Canada and Jordan have an emerging bilateral commercial relationship framed around negotiations towards a free trade agreement (FTA) and foreign investment promotion and protection agreement (FIPA). An improved business climate should hopefully lead to more Canadian firms exporting and increase two-way investment.

The show will be of interest to entities dealing in the following areas:

- \* Energy efficiency, audit service and equipment
- \* Energy saving devices and solutions
- \* Renewable energy solution providers
- \* Water efficiency and treatment technologies and service providers
- \* Consulting services
- \* Hybrid automotive
- \* Utility companies

FYI there is also an environmental industries market report for Jordan on Infoexport that could help a company decide if this market fits with their IBD strategy - <http://www.infoexport.gc.ca/ie-en/MarketProspect.jsp?oid=74#592>.

If you are aware of Canadian entities that may be interested in participating, please forward them the two links. I can assist anyone if needed in seeking further information about the event linked to any interested Canadian companies you are made aware of - for example who are participants and exhibitors that will be at the show, so that a company can make an informed decision regarding potential participation. Please contact me if you have any questions.

Best regards,

Steve Guertin  
Trade Commissioner  
Egypt, Israel, Jordan, West Bank  
WOS  
tel: 613-944-6994

## **Greenbuild 2008**

An Invitation to Exhibit in the Canada Pavilion and to joint the Business Networking Reception at Greenbuild 2008 - Boston

November 18 – 21

Join representatives from approximately 20 Canadian companies, organizations and government agencies showcasing their goods and services at the 2008 Greenbuild International Conference and Expo, the world's largest conference and exposition dedicated to employing green building practices. If designing, building, living and working in green buildings is important to you, you're in good company.

Greenbuild is a great opportunity to build new relationships and connect with more than 22,000 industry professionals from the United States and from more than 60 countries around the world. You will be counted among the more than 400 exhibitors at the Greenbuild Expo and will have the opportunity to network and showcase your products and technologies, attend LEED workshops and participate in project tours in Boston. Don't miss your chance to be part of Greenbuild 2008. Space within the Canada Pavilion is limited, so book your booth early.

For information on the Canada Pavilion and Buisness Networking Reception, please go to [www.greenbuildexpo.org](http://www.greenbuildexpo.org)

## **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](http://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](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](http://www.biomasseverband.at). Registrations are welcome as from now.

Yours sincerely,  
Ernst Scheiber  
Managing Director

Dr. Heinz Kopetz  
President

Inquiries should be addressed to

Austrian Biomass Association  
Franz Josefs-Kai 13  
1010 Vienna  
+43 (0)1 533 0797 -25  
[grill@biomasseverband.at](mailto:grill@biomasseverband.at)  
[www.biomasseverband.at](http://www.biomasseverband.at)