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MEIA News

Air Quality Session

Join us for breakfast on Tuesday, January 27, 2009 at:

The Norwood Hotel
Tache Room
112 Marion St.
Wpg., MB
\$40 MEIA Members/\$50 Prospective Members

Air Quality is the topic and will be presented by Dave Bezak of Manitoba Conservation.

Register [here](#)

Only two spots remaining

Remediation and Prevention

Thursday, February 19, 2009

8:00 am to 4:00 pm

Hilton Suites Winnipeg Airport

1800 Wellington Avenue

Keynote address by [Dr. Terry Hazen](#), DOE, BER Distinguished Scientist, Senior Staff Scientist and Head of Ecology Department, Centre for Environmental Biotechnology at Lawrence Berkeley National Laboratory, University of California Ecological Economics will be explored by Michael Barkusky from the Canadian Society of Ecological Economics ([CANSEE](#))

Throughout the day, concurrent sessions will also cover topics such as:

- contaminant migration in permafrost
- mine tailing remediation
- volatile organic compounds, desorption analysis
- soil toxicity
- the Manitoba Conservation Remediation program

Registration Fee:

Members - \$300 Non Members - \$450

To register click [here](#). If you are interested in becoming a sponsor please view details [here](#).

For further information contact the MEIA staff at 783-7090.

Thank you to the following sponsors of MEIA's 1st Annual Remediation and Prevention Conference

Gold Sponsor



Silver Sponsors



Bronze Sponsor

Wardrop Engineering Inc.

Emergency First Aid w/CPR Level A

NEW COURSE DATE: February 4, 2009*

** Workplace Safety and Health regulations state that an employer must ensure that a minimum number of first aiders are present during working hours at a workplace. To view regulations and minimum standards, click [here](#)

Source: <http://www.gov.mb.ca/labour/safety/pdf/regparts/part5.pdf>

Room 229 - 200 Main Street (Sport Manitoba Building)

8:30 am to 4:30 pm

(EFA-A - CPR: Adult - 1+2 rescuers) - (Industry standard course)

Source: <http://www.gov.mb.ca/labour/safety/pdf/regparts/part5.pdf>

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

Register [here](#)

Green Building: LEEDing the Way

Wednesday, February 25, 2009
Centro Caboto Centre
1055 Wilkes Avenue
7:30 – 9:00 am

The presentation will be given by Rodney McDonald of the Manitoba Chapter, Canada Green Building Council.

To register, please call the MEIA office at 783-7090. Watch the website for more information.

Annual General Meeting

Thursday, April 16, 2008

Victoria Inn
1808 Wellington Avenue
Winnipeg, MB

Registration: 7:30 a.m.
Breakfast: 8:00 a.m.

AGM (including hot breakfast): \$40 MEIA Members/\$50 Prospective

No charge for members attending AGM only

Contact MEIA at 783-7090 for further details or register [here](#)

MEIA Golf Tournament

May 28, 2009
St. Boniface Golf Club

Mark your calendar! More details soon.

General News

Local Interest

Keeyask Would Add 675 Megawatts to Grid

January 17, 2009

KEEYASK is slated to be one of the next generation of northern dams. It's also known as the Gull Lake dam.

Cost: Close to \$5 billion.

Location: On the Nelson River just west of Stephens Lake and Gillam, about 725 kilometres north of Winnipeg.

Size: 675 megawatts. That will make it one of the biggest hydroelectric dams in Manitoba.

In service: 2017 at the earliest, but Manitoba Hydro and First Nations affected by the dam must agree to have it built.

Source: www.winnipegfreepress.com

Province Supports Strong Environmental Work of Red River Basin Commission: Melnick

January 20, 2009

An international organization working to improve the Red River basin will once again receive financial support from the Province of Manitoba, Water Stewardship Minister Christine Melnick announced today.

The Red River Basin Commission (RRBC) will receive \$107,500 to further its work this year on water-quality issues, habitat, fish and wildlife protection, conservation initiatives and flood-damage reduction efforts along the Red River's entire basin.

"We strongly support the continued efforts of the Red River Basin Commission on issues of mutual concern to people throughout our shared international basin," Melnick said. "This work is key to the important goal of leaving high-quality water to the next generation."

The provincial funding will also support the commission's international co-operation and public awareness initiatives.

The commission's board of directors has members from Minnesota, North Dakota, South Dakota and Manitoba including senior officials from Manitoba Water Stewardship. Provincial support for the RRBC's mandate has averaged \$100,000 in recent years and also funds work in areas related to:

- community consultations with local Manitoba watershed authorities,
- assessment of international water-protection initiatives and how those could be applied to Manitoba,
- facilitation of cross-border watershed planning,
- co-ordination and support of basin-wide drought management planning, and
- building public awareness of nutrient sources and potential nutrient-reduction measures.

More information on the Red River Basin Commission can be found at: www.gov.mb.ca/waterstewardship/water_info/transboundary/orgs.html or on the commission's website at www.redriverbasincommission.org/.

Source: www.gov.mb.ca

Minister Prentice Highlights Progress Made at Polar Bear Roundtable

January 16, 2009

Canada's Environment Minister, the Honourable Jim Prentice, today issued the following statement at the conclusion of the Polar Bear Roundtable in Winnipeg: "I am pleased with the progress we made today. It was a very constructive and positive dialogue with representatives from the territories and provinces, the wildlife management boards, Inuit and First Nations representatives, scientists and others. We all have a vested interest to protect polar bear, and these discussions gave us a great opportunity to work together to make that happen.

"There were many different views expressed today and I am confident that there is a broader understanding of the polar bear situation in Canada. This meeting was an important first step towards achieving a path forward for the protection of polar bears.

"The wealth of knowledge and advice shared during the roundtable will help define what we need to do to protect this majestic animal. It will assist me in making recommendations to our government and it will inform other decisions related to the conservation and management of the polar bear."

A key outcome was the strong commitment to integrate Inuit traditional knowledge and science to build a better understanding about the changing environment and polar bear.

The purpose of the Polar Bear Roundtable was to increase awareness of the many conservation actions underway by various parties, to hear views regarding priority areas for action from a broad cross-section of knowledgeable opinion leaders and to set the scene for consultations related to listing the polar bear under the federal Species at Risk Act.

Source: www.ec.gc.ca

U.S. Approves Long-fought Water Plan

January 19, 2009

The U.S. government has approved one of the North Dakota water projects long challenged by Manitoba.

Dirk Kempthorne, U.S. secretary of the interior, passed a treatment plan for the Northwest Area Water Supply, which would allow Missouri River water to be moved to northwestern North Dakota.

Manitoba intends to challenge this latest decision in U.S. courts as water experts believe the quality of water in Manitoba rivers is at risk from the plan.

"In our view, it doesn't provide a high enough level of treatment to protect Manitoba's environment," said Dwight Williamson, an assistant deputy minister with Manitoba Water Stewardship.

For decades, Manitoba has eyed with suspicion a number of water diversion projects in North Dakota, fearing contamination of waters that flow north.

The Northwest Area Water Supply project would divert water from the Missouri/Mississippi basin into the Hudson Bay basin by way of Minot, N.D., and the Souris River. The Souris River flows into the Assiniboine River, which empties into the Red River and ultimately Lake Winnipeg.

North Dakota officials say they need to boost water supplies in the state.

The interior secretary signed off on a federal Bureau of Reclamation recommendation for a giant filter for the Missouri River water. The \$17.5-million plan was drawn from among four alternatives first proposed in 2005.

With files from Associated Press

Source: www.winnipegfreepress.com

Agriinsurance Changes Reflect Manitoba's Changing Agricultural Sector: Wowchuk

BRANDON: January 20, 2009

Recent enhancements to Manitoba's AgrilInsurance program are keeping pace with shifts in crop selection as farmers modify their operations to reflect changes in market prices and production costs, Agriculture, Food and Rural Initiatives Minister Rosann Wowchuk announced here today at Manitoba Ag Days.

"As Manitoba's agricultural industry evolves, insurance programs must continue to change in order to meet farmers' risk management needs," Wowchuk said.

The minister noted the name of the program has changed from Production Insurance to AgrilInsurance in support of the new Growing Forward agreement. AgrilInsurance will continue to offer risk management options for crop production on which farmers have come to rely.

Changes made to the AgrilInsurance program provided through the Manitoba Agricultural Services Corporation (MASC) for 2009 include:

- a decrease in premium rates by an average of five per cent due to low losses in the last two years;
- an expansion of the insurable area for soybeans in response to grower requests, new earlier-maturing varieties and an increase in the acreage of soybeans grown in Manitoba;
- an increase in the Forage Restoration Benefit, which provides assistance to insured farmers who lose hay crops due to excess moisture, to \$60 from \$40 per acre, and an extension of the insurable period for this benefit from June 20 to Oct. 1; and
- an increase in the the higher level of financial coverage for Forage Establishment Insurance to \$60 from \$40 per acre.

"Lower premium rates mean direct savings to producers wishing to insure their 2009 crops against adverse weather conditions," said Wowchuk. "Improving insurance

programs is a continuing challenge and we appreciate input from producers who recognize first hand what is needed to help them meet their production goals.”

MASC provides insurance on over 85 per cent of the annual crops grown in Manitoba, with coverage available on 60 different crops.

Source: www.gov.mb.ca

National Interest

Notes for an address by The Honourable Jim Prentice, P.C., Q.C., M.P. Minister of the Environment to the Canadian Council of Chief Executives

January 2009 is a time of hope and change, as Barack Obama takes the oath of office. It is a time to turn the page, start anew, and look forward with anticipation.

But this month is also a time when, on occasion, I think we should look back for inspiration. Occasions like celebrating the centennial of the Boundary Waters Treaty – the January 1909 agreement establishing the International Joint Commission that, to this day, oversees the rivers and lakes that bisect, or define, the Canada-US border.

In the century since 1909, the two North American neighbours have partnered in all manner of activities – from NORAD and NAFTA to the bi-national North American Electric Reliability Council to the Air Quality Agreement better known as the Acid Rain Accord.

The subject matter of these various agreements may have been different, but the underlying principle was the same. The simple truth that advancing our respective national interests is invariably best accomplished through bi-national cooperation.

As we all know, Mr. Obama will take the oath of office today with his country facing multiple and daunting challenges, both at home and abroad. Among these many challenges is the one that preoccupies me as the Minister of the Environment, with responsibilities for northern pipeline development – the intertwined challenge of maintaining environmental integrity, while enhancing energy security.

In 2009, the Government of Canada is resolved ...
to make our national environmental policies positive instruments of economic renewal and national development during this period of uncertainty;

to help achieve an effective multilateral climate change agreement for the years ahead; and
to engage the United States in pursuing a coordinated approach to the energy and environmental challenge before us. To make the case that the two countries should work together to bring new energy and economic renewal to North America, by taking actions that reduce greenhouse gas emissions and produce a larger and cleaner supply of both fuel and power.

Achieving these objectives in a non-linear world will not be easy. We will need to make progress on three concurrent tracks with different timetables, actors and interests. Nevertheless, let me speak to each one of these objectives in order, starting with progress here at home.

In 2007, after a decade of inaction following the signing of the Kyoto Accord, the Government of Canada introduced a comprehensive Climate Change strategy called "Turning the Corner". In that strategy, we set a target to reduce total greenhouse gas emissions in 2020 by 20% from 2006 levels.

We see it as an ambitious, but achievable target. A promise to the global community that we think Canada can keep. A commitment that, in fact, requires of Canadians a greater effort going forward than the one proposed by the EU-27, various US Senators, and President Obama himself.

Our target has been a target of criticism from those who desire deeper and faster emission reductions, at any and all cost. (And) a second criticism involved our decision to commence our regulatory regime with an intensity-based performance standard, rather than a so-called hard cap and trade regime. I emphasize commence because it has been our stated intent, from the outset, to eventually move to a hard cap and trade regime as we gained more experience, and in light of international developments.

Why did we choose to start with an intensity-based system? Among the many reasons, let me list two. We wanted to encourage investment in innovation; and we did not want to reward firms for moving some operations to jurisdictions still without climate change regulations – locations like China, Mexico and the United States. For unlike a so-called hard cap system, an intensity-based system rewards only improved efficiencies and does not provide a credit for reduced emissions caused solely by reduced production levels.

The Federal regulations for major industrial emitters of greenhouse gases that were first conceived in 2007 are scheduled to come into effect next January. The proposed targets for the period from 2007 to 2010 are stringent - much more stringent than is generally understood. Unlike in many other systems, they are not phased in gently but are tough even in the near term. And they are particularly stringent given the dramatically different conditions and circumstances in 2009 and 2010, compared to what was envisaged back in 2007.

Among those unforeseen circumstances...

Canadian industry is struggling through a period of severe financial and economic uncertainty and fragility.

The reduced economic activity, including what has become a de facto moratorium on oil sands expansion, will mean a slower increase in future levels of greenhouse gas emissions relative to previous projections.

And the United States, under the leadership of President Obama, is re-engaging in multilateral climate change negotiations, creating the opportunity for a North American regulatory regime and level playing field that will alleviate past concerns about Canadian competitiveness.

I cannot tell you today how we will proceed. I can tell you that the matter is currently under review, and that we are keeping the following three ideas foremost in mind. Whatever we do, we will first seek to “do no harm”. Many Canadian firms in many sectors are struggling in the current market conditions. We want to avoid measures that would cause them to be not just down - but out.

We will seek to ensure that federal policies are coordinated. We want Federal climate change regulations to work in tandem with tax, technology, tariff and other policies to promote timely domestic investment and offset weak US demand. (And) we will also seek coordination and harmonization between federal and provincial government policies. We recognize this is no time for duelling regulatory regimes, needless strife and uncertainty. Rather, it is time for all governments in Canada to be pulling together in the same direction.

Concurrent with such measured movement here at home, we hope to make progress abroad. We will be working hard, and constructively, in 2009 to negotiate an effective multilateral climate change accord for the years ahead. Key meetings will be taking place in Bonn, in early April and June; as well as at the July G-8 meeting in Italy; with all roads leading to Copenhagen in December of 2009.

Let me stress the word “effective”. By an effective multilateral agreement, I mean this: given the projections that aging OECD countries will contain just 14% of the world’s 9 billion population by 2050, and that the large majority of future man-made greenhouse gas emissions will be generated in fast-growing, populous developing nations, basic math tells us the international community will be unable to stabilize the level of man-made greenhouse gas emissions in the atmosphere without comparable efforts going forward from all the developed nations, and meaningful efforts from at least all the major emitters, if not all the nations, in the so-called developing world.

Developed nations must be prepared to lead from the front... provided that at least all the major emitters are prepared to follow. Because developed country

“leadership” without developing country “followership” will be nothing more, or less, than well-intended folly.

Ensuring comparable efforts going forward from all the developed nations,
Securing meaningful participation from all the developing world, led by the Big 5 of China, India, Brazil, South Africa and our NAFTA partner Mexico;
Focusing on the development and deployment of transformative clean technology;
and a concerted effort to produce, and transmit, more and cleaner base load power;
and

Never losing sight of the ultimate long-term objective of the exercise – stabilizing the level of man-made greenhouse gas emissions in the atmosphere at non-dangerous levels not in 2020, or even 2030, but 4 decades hence in 2050. Recognizing that we are running a marathon, not a sprint; and acting accordingly.

Those are the principles that are underpinning Canada’s position in the ongoing multilateral climate change negotiations. And they are principles that I think could, and should, form the basis of one shared commitment from the Canada and the US akin to the collective commitment of the European Union.

Ideally in my view, one shared target, for two good reasons: Nature, and human nature.

Nature in the sense that Greenhouse gases are accumulating in one common atmosphere - surely the ultimate form of trans-boundary pollution and interdependence. And human nature, since keeping score on the basis of artificial political boundaries and multiple territories is bound to lead to some gaming of the system for short-term and illusory gain – like shutting down a coal-fired power plant only to import coal-fired electricity from your neighbour.

As we all know, President Obama will be visiting Canada and meeting with Prime Minister Harper in the very near future. To say the least, there is lots to discuss; and then later, to do. And hopefully one of the many points of agreement, for action, will be commencing a cooperative, bilateral approach to the environment and energy... in ways that spur on economic recovery and renewal.

As a practical matter, there are many ways to move forward and achieve this result, if there is the political will to do so. It may be, for example, that the two countries should first come together on the current multilateral march to Copenhagen before “going bilateral”.

Whichever way forward is selected, it is our view that a key objective should be a common cap and trade system that would allay competitiveness concerns in both countries, (particularly if the system eventually included Mexico). But we also believe that a cap and trade system will be insufficient alone to get the job done. Common sense tells us we will need some other common instruments – like a shared target for low carbon power generation, a common bio-fuel mandate, common fuel

efficiency standards, and potentially a common low carbon transportation fuel standard for North America – a standard that would seek to reduce the carbon intensity of transportation fuels into the future, based on emissions measured over the complete lifecycle of various fuels from production site to the tailpipe.

That is where we think a bilateral agreement should begin – with shared targets and timetables; a common carbon market and price; and standards and mandates based on science and common sense. But we submit it is not where a Canada-US Accord should end.

We think the two countries need to go further.

We need to go beyond targets and talk to concrete action plans - actions that will reduce not just greenhouse gas emission levels, but North America's dependence on foreign oil.

Forty years ago, imported oil accounted for about 10% of the American market, with American-produced oil covering some 90% of American consumption. Today, that 10 to 90 ratio has become 60/40 . And by 2020, it will likely be at least 80/20. Because at current rates of production, proven US oil reserves, like those of Mexico, are on course to be depleted just one decade hence, leaving the US in 2020 as dependent on imported oil as the nations of the EU.

As we all know, energy insecurity is the large and growing gorilla in the room. Smart grids and conservation; renewable fuels and power – they are all important. But in an “80/20” world, they will represent only the “20”, at least until the 2020's. It is the other 80% we have to worry about. In Europe, the “80%” of energy insecurity means oil and natural gas. And here in North America, with our substantial natural gas reserves, the “80” means oil.

Canada already plays a major role in the American energy equation. We're the current number one foreign supplier of oil, natural gas and electricity to the US as a whole; and an indispensable supplier to the northern tier states. Places like Chicago.

We're not just a supplier – we're a partner. We co-manage a vast trans-border network of oil and gas pipelines, as well as two huge transnational power grids. And unlike Mexico, Canada and the US are committed to sharing oil in times of short supply through the IEP of 1974 and NAFTA; and to maintaining a reliable supply of North American power through the NERC.

Canada plays a pretty big role today; but we have the capacity to play an even larger role in the North American energy solution. We're the only nation in the world outside the Persian Gulf region with substantial proven oil reserves; we're the best way to get Alaskan gas to southern markets; and we're a country with substantial untapped natural gas deposits and clean hydropower potential – an obvious way for many border states to reduce their reliance on coal-fired power.

But Canada not only can – I say we should play a larger role in the North American energy security solution. Because, when you consider the implications of oil scarcity and the situations in Russia, Venezuela, or the troubled Middle East, Canada’s status as the world’s most reliable supplier of energy becomes not just an economic opportunity for us, but an obligation to others – perhaps the single best way we can contribute some much-needed stability in a very volatile world.

Opportunity and obligation are why we need to work with the Americans on developing cooperative bilateral action plans, like a joint strategy to bring northern gas to southern customers; clean technology road maps that would optimize the considerable expertise of both countries in such areas as carbon capture and storage; plans to expand clean power generation and transmission capacity in North America; or to interconnect the eastern and western regional power grids in North America.

Actions that will help North America, and the world, to transition from a high carbon present to a low carbon future, while avoiding a disruptive and destructive “No Carbon” period en route.

Gaining traction here at home, as we begin to pull together in the same direction...

Making a credible commitment to the international community that Canada can, and will keep, as part of an effective global effort to stabilize greenhouse gas emissions...

(And) working with the United States to devise and execute a coordinated plan of action that will advance our environmental and energy objectives, and renew the North American economy...

Ambitious? Perhaps.

Achievable? We think so; but only time will tell.

But of this I am certain - this is an agenda that is worth our very best efforts in the years ahead.

Source: www.ec.gc.ca

Tapping Worldwide Infrastructure Opportunities

January 21, 2009

In response to the ongoing global economic and financial crisis, governments around the world have announced sizeable fiscal stimulus packages, and new or accelerated infrastructure projects are a common theme across many of these packages. This creates new opportunities for Canadian companies, as it is unlikely that all requirements for these projects will be met by national providers.

That's why Foreign Affairs and International Trade Canada (DFAIT) is on the lookout for opportunities for Canadian companies in these new projects. To paint the global picture on where new spending is most significant, DFAIT has compiled an inventory of infrastructure-related announcements in 32 countries around the world (see link below).

But according to Patricia Fuller, DFAIT's Chief Economist, Canadian companies need to move fast to take advantage of these opportunities.

"Governments are rushing to get projects moving as soon as possible given the economic conditions they are facing," says Fuller. "The goal for governments is economic stimulus, so companies that can make projects happen quickly will have an advantage."

In some countries, fiscal stimulus plans are under discussion but not yet announced. In others, packages have been announced but details are yet to be defined. In general terms, new infrastructure projects planned or under discussion involve:

- transportation infrastructure
- public sector infrastructure, including energy efficiency retrofits
- energy, including alternative energy
- rural infrastructure projects

The U.S. fiscal stimulus package, estimated to be in the US\$800 billion to US\$1 trillion range, is the largest. It is expected to include the renewal of America's infrastructure and large-scale investments in green technologies and energy efficiency. EU member states are collectively spending roughly the equivalent of 1.5 percent of GDP in fiscal stimulus, with infrastructure forming part of most packages. China's fiscal stimulus package amounts to US\$600 billion, most of which is infrastructure investment.

For more information on infrastructure spending in 32 countries and for Trade Commissioner Service contacts provided for each country, see the [worldwide inventory of infrastructure spending plans](#). The Canadian Trade Commissioner Service contact in Ottawa is [Maria Pantazi-Peck](#).

Also, listen to the latest CanadExport [podcast](#) (MP3, 22.7 MB) * on infrastructure opportunities around the world, featuring Peter Hall, Vice-President and Chief Economist at Export Development Canada.

Source: <http://www.international.gc.ca/canadexport/articles/90121a.aspx>

Will Ontario Become A Better Place?

January 20, 2009

Most Ontarians believe their province is a great place in which to live, but it could become even better due to a partnership announced last week between the government of Ontario and Better Place, a Palo Alto, California provider of electric vehicles that wants to sell electricity for cars the same way mobile phone plans are sold to cell phone users.

Ontario Premier Dalton McGuinty signed an agreement with the company to study the feasibility of a network of charging stations and robot-controlled battery "swap" shops for electric cars. Ontario is the first province in Canada to take a step toward sustainable transportation with electric cars powered by renewable energy that could reduce our dependency on fossil fuels.

"We're just beginning this," McGuinty said during a press conference, adding that the government's intention is to send an important signal to the market. "One of the most important things we can do is to demonstrate we are truly an electric-car friendly jurisdiction."

The initiative is seen as one way to deliver on the provincial government's commitment to create jobs and strengthen an economy where the car industry represents a quarter of all manufacturing output.

"With today's announcement, Ontario is taking a system-wide approach to retooling its economy for growth and environmental leadership," said Shai Agassi, Founder and CEO, Better Place. "Our partnership will move Ontario toward a new era in personal transportation - from the current Car 1.0 model centered on the internal combustion engine to a Car 2.0 model of electric cars powered by renewable energy."

Better Place will establish its Canadian head office in Ontario, and build an electric vehicle demonstration and education centre in Toronto to lay the groundwork to help get electric vehicles running on Ontario roads.

The province has committed to a comprehensive study to look at ways to speed up the introduction and adoption of electric vehicles. The study is scheduled for release in May 2009. At the same time, Better Place will be developing an electric car charging network plan and timeline.

Under the Better Place model, the company plans and installs a network of charge spots and battery exchange stations, giving drivers the same convenience to "top off" as they enjoy today with gasoline stations. Much like the mobile phone model, Better Place installs and operates the network of charging infrastructure, while leading auto manufacturers produce electric cars for the Better Place network. (See GLOBE-Net article [Does Better Place has a Better Idea for Better Cities?](#))

Better Place sources renewable energy to power the network, creating a zero emission solution from generation to grid to transportation.

"Today's announcement is the all-important first step in an expected electric car charging network rollout for Canada, and we look forward to working in partnership with the Ontario government on it," said Agassi.

In conjunction with today's news, the company appointed Lawrence Seeff as Head of Americas Business Development. Mr. Seeff brings more than 20 years of global real estate and financial experience from leading and growing a privately-held, multi-billion-dollar firm.

This announcement maintains the province's traditional strength in automotive production while incorporating the forward thinking technology of battery operated vehicles. Embracing this technology in its early stages will provide the province with the stimulus needed for enhanced job creation and economic growth.

For consumers, it could mean they would be able to subscribe to a [sustainable transportation service](#). Better Place provides the batteries, which makes owning an electric car more affordable and installs charging spots in parking spaces in homes, at workplaces, and at retail locations, in a network where subscribers can top off their electric cars.

For distances longer than what most people drive in a given day, drivers will pull into battery exchange stations to swap a depleted battery for a fresh one in less time than it takes to fill a car with gasoline.

Better Place is partnering with Bullfrog Power, Canada's only retailer of 100 percent green electricity, and Macquarie Group, a global provider of banking, financial, advisory, investment and funds management services, and is continuing to build other relationships both locally and around the world. In Ontario, Bullfrog Power will provide all of the renewable energy needed to power the Better Place network.

"Better Place is leading a bold and compelling movement, and we are excited to provide 100% clean, renewable electricity for its network and cars powered by it," said Tom Heintzman, President of Bullfrog Power.

"For truly emissions-free transportation, it is crucial that we not simply transfer the problem from the tailpipe to the generator. Better Place is taking a firm stance by committing to fueling electric vehicles with renewable power."

Macquarie will partner with Better Place as financial advisor on developing a network rollout plan and investment timeline for Ontario. Michael Bernstein, Senior Managing Director of Macquarie Capital Markets Canada Ltd., said, "The Better Place business model is an exciting opportunity for the domestic auto industry, the clean energy industry and the public sector to assist in the development of a sustainable transportation market in Canada."

The Better Place network of electric car charging infrastructure is built on open standards. One goal of the growing Better Place ecosystem, which includes The Renault-Nissan Alliance, is giving consumers a wide range of choices when it comes to vehicle make and model. The Japanese Ministry of the Environment also has invited Better Place and major Japanese carmakers to participate in a major electric car project there.

About Better Place:

Better Place is a mobility operator that aims to reduce oil dependence by delivering personal transportation as a sustainable service. Launched in 2007 with \$200 million of venture funding, the company builds electric-vehicle networks powered by renewable energy to give consumers an affordable, sustainable alternative for personal mobility. Better Place is working with partners to build its first standards-based networks in Israel, Denmark, Australia, California and Hawaii. Better Place will activate networks on a country-by-country basis with initial deployments beginning in 2010.

For More Information: [Toronto Star](#)

Source 2: [Better Place](#)

Source: GLOBE Foundation of Canada Internet Website

http://www.globe-net.com/other_news/listing.cfm?type=2&newsID=3955

CLS InnoVision

The new issue of InnoVision, featuring news from the Canadian Light Source Business Team, is now available at:

http://www.lightsource.ca/enews/pdf/InnoVision_january_2009.pdf

This issue includes:

- ~ A 'Solution Provider' for the Global Knowledge Industry
- ~ Chevron: Greener Protection for Car Engines
- ~ ALFT: Shedding Light on New Solutions for Industry
- ~ Academics and Industry Partner to Study Arsenic in Mines
- ~ An Analytical Workhorse for Industry
- ~ Synchrotron U: Following Opportunity

International Interest

New study: Development and Transfer of Climate Change Mitigation Technologies

January 14, 2009

You might be interested in the recent publication of the study: "Invention and Transfer of Climate Change Mitigation Technologies on a Global Scale: A Study Drawing on Patent Data", by CERNA (Mines ParisTech) and OECD.

This work is the first patent-based study to quantitatively describe the geographical and temporal trend of innovation and diffusion of climate-mitigation technologies at global level. The study covers 80 countries and 13 technologies with significant global GHG emission abatement potentials.

One of the key results of the study is that the Kyoto Protocol has seemingly exerted a significant influence on the growth rate of climate-friendly innovation in the countries that have ratified it.

The report can be downloaded at

http://www.cerna.ensmp.fr/images/stories/file/Poznan/final_report_090112.pdf

New SEI Report: A Review of Offset Programs: Trading Systems, Funds, Protocols, Standards and Retailers

The Stockholm Environment Institute announces the release of a comprehensive new report on offset programs.

A Review of Offset Programs: Trading Systems, Funds, Protocols, Standards and Retailers

Download the report here:

<http://www.sei-us.org/climate-and-energy/SEIOffsetReview08.pdf>

Business Leaders Release Blueprint for Climate Protection Plan

January 15, 2009

The leaders of some of America's largest corporations today released a Blueprint for an economically sustainable climate protection program. The U.S. Climate Action Partnership (USCAP) unveiled a detailed set of integrated policy recommendations for developing legislation that they assert echoes the urgency that President-elect Obama has articulated regarding the need for a cap on greenhouse gas emissions.

The document - titled A Blueprint for Legislative Action - was two years in the making and involved intensive analysis and consensus-building among 26 corporations and five environmental organizations. The Blueprint offers policymakers a program endorsed by the business coalition representing a substantial part of the U.S. economy as well as a diverse range of environmental interests.

"In the past, the U.S. has proven that we have the will, the capabilities and the courage to invest in innovation - even in difficult times," said Jeff Immelt, Chairman and CEO of GE. "Today, cap and trade legislation is a crucial component in fueling the bold clean energy investments necessary to catapult the US again to preeminence in global energy and environmental policy, strengthen the country's international competitiveness, and create millions of rewarding new American jobs."

Immelt has led the charge in GE to reorient the entire corporation toward environmentally friendly products and services. GE's Ecoimagination Initiative has

proven remarkably successful for the company. (See GLOBE-Net article [Business Responds to the New Environmentalism](#))

The USCAP group believes strong climate legislation is a critical element of any effort to stimulate investment and innovation in low-carbon technologies. The Blueprint provides specific guidelines for the Administration and Congress to enact legislation that protects the environment and facilitates the transition to a low-carbon economy.

Such a transition would include reducing greenhouse gas emissions by 80 percent of 2005 levels by 2050 through an economy-wide cap-and-trade program. "The health of our economy and the safety of our climate are inextricably linked, except nature doesn't do bail-outs," noted Jonathan Lash, President of the World Resources Institute.

"USCAP has redefined what is possible. If the diverse membership of USCAP can find common ground, Congress can agree on effective legislation," he added.

Delay is not an option

USCAP noted that every year of delay in controlling emissions increases the risk of unavoidable consequences that could necessitate even steeper greenhouse gas reductions in the future, at substantially greater economic cost and social disruption.

The Blueprint details steps for creating a mandatory, economy-wide cap-and-trade program, coupled with cost containment measures and complementary policies addressing a federal technology research development and deployment program, coal technology, transportation, and building and energy efficiency.

The Blueprint includes an aggressive emission reduction schedule, details on the scope of coverage for the cap-and-trade program, and recommendations for how to include as much of the U.S. economy under the cap as administratively and politically feasible.

Highlights from the Blueprint include:

Requiring an 80 percent emissions reduction below 2005 levels by 2050: National climate legislation should include aggressive emission reduction targets that can be achieved at manageable costs to the economy. The targets and timetables in the Blueprint are consistent with the schedule proposed by President-elect Obama.

Allowing the ample use of offsets to manage program costs: Offsets should be used to help meet compliance obligations and should be environmentally additional, verifiable, permanent, measurable, and enforceable. Other cost containment measures to limit price spikes and volatility are detailed in the Blueprint.

Using the value of emissions allowances to protect consumers and businesses while advancing climate program goals: USCAP believes the distribution of allowance value should facilitate the transition to a low-carbon economy for consumers and

businesses who provide capital to support new low- and zero-GHG-emitting technologies, and address the need for humans and the environment to adapt to climate change. A significant portion of allowances should be initially distributed to capped entities and particularly disadvantaged economic sectors.

Creating incentives for technology development and deployment: In addition to outlining the design and function of a cap-and-trade system, the Blueprint details complementary measures for coal, technology transformation, transportation, and buildings and energy efficiency that are needed to facilitate rapid technology transformation and to ensure that actual reductions in emissions occur across the economy.

The United States Climate Action Partnership (USCAP) is a group of businesses and leading environmental organizations that have come together to call on the federal government to quickly enact strong national legislation to require significant reductions of greenhouse gas emissions.

USCAP Members include: Alcoa AIG Boston Scientific BP America Caterpillar Chrysler ConocoPhillips John Deere Dow Duke Energy DuPont Environmental Defense Fund Exelon Ford FPL Group GE GM Johnson & Johnson Marsh Natural Resources Defense Council The Nature Conservancy NRG Energy PepsiCo Pew Center On Global Climate Change PG&E PNM Resources Rio Tinto Shell Siemens World Resources Institute Xerox

A summary overview of the Blueprint for Legislative Action as well as the full text of USCAP's recommendations is available online at www.us-cap.org.

[Summary Overview: A Blueprint for Legislation Action](#)

[Full Report: A Blueprint for Legislative Action](#)

[Press Release](#)

For More Information: [U.S. Climate Action Partnership](#)

Source: GLOBE Foundation of Canada Internet Website

http://www.globe-net.com/other_news/listing.cfm?type=2&newsID=3954

Business and Career Opportunities

National

Call for Applications for the 2009 CCME Pollution Prevention Awards

Applications for the 13th annual Pollution Prevention Awards, presented by the Canadian Council of Ministers of the Environment (CCME), are now being accepted. These awards recognize businesses and organizations showing leadership and innovation in pollution prevention in up to seven categories.

Application packages for 2009 and details of the CCME Pollution Prevention Awards Program can be found at www.c2p2online.com/CPFR

For more information, contact leah@c2p2online.com.

The deadline for applications is February 16, 2009.

Are You a Greenhouse Gas Professional?

ECO Canada is looking for Greenhouse Gas (GHG) professionals with expertise in any of the occupational areas listed below to help define a certification program for GHG professionals by validating National Occupational Standards for Canada's GHG sector (the standards requiring review have been documented in focus groups, taskforces and teleconferences by experienced GHG professionals across Canada).

GHG professionals needed include:

Verifiers: The independent, objective party (external or internal) that perform an evaluation of how a company/organization/project has established its inventory and/or projects, and reported its results against program criteria and/or a specific protocol that states expectations of greenhouse gas accounting principles.

GHG Quantification Practitioners (Project Level): Those who quantify, assess and report emissions and emission reductions that result from projects.

GHG Quantification Practitioners (Organizational/Inventory Level): Those who quantify, assess and report emissions and removals resulting from the activities of organizations, entities or facilities.

If you have expertise in any of the above areas please register at http://www.surveymonkey.com/s.aspx?sm=PJx3UXzc_2fzOUTUZVfmizkw_3d_3d to participate in the online validation process - a crucial step towards establishing certification for GHG professionals. (This online validation will be open from February to April 2009).

For more information, please visit our website at www.eco.ca/GHG or contact the GHG Project Manager at ghg@eco.ca or (403) 476-1938.

Assessment of Data for GHGenius Model

Requests for Proposals

Environment Canada has a requirement for consulting and professional services. The contractor is required to assess data collected under Section 71 of the Canadian Environmental Protection Act (CEPA) 1999 and the applicability of non-confidential data to be used as defaults in NRCan's GHGenius Life Cycle Analysis Model. An analysis of other relevant Environment Canada data sources will also be conducted. The analysis and conclusions shall draw upon the contractor's extensive knowledge of the GHGenius model, CEPA 1999 Section 71 reporting requirements as well as national and international protocols regarding GHG emissions reporting.

This knowledge base should extend to all components of life cycle analysis and modelling included in well to wheel and tank to wheel modelling strategies.
Source: MERX . Reference: # 166952.

Deadline: January 30, 2009

Source: GLOBE Foundation of Canada Internet Website

Cross-Canada Survey of Radon Concentrations in Homes

Requests for Proposals

Health Canada requires a survey of residential radon concentrations in a minimum of 18,000 homes across Canada. The main objectives of the residential radon survey are to: Obtain an estimate of the proportion of the Canadian population living

in homes with radon gas levels above the guideline of 200 Bq/m³ and Identify previously unknown areas where radon gas exposure constitutes a health problem.

The data collected during the survey will assist in identifying the areas of the country where priority should be given to raise awareness of radon risk and promote testing and remediation. The period of the Contract is from date of Contract to March 15, 2011 inclusive. The Contractor must conduct interviews in either of Canada's official languages, at the choice of the respondent being interviewed.

Source: MERX . Reference: # WTO-AGP/NAFTA/AIT.

Deadline: February 9, 2009

Source: GLOBE Foundation of Canada Internet Website

http://www.globe-net.com/opportunities/listing.cfm?ID_Region=1&ID_Opportunity=4287

Executive Director - Canada Green Building Council Ottawa

Career Opportunities

Canada Green Building Council Ottawa Region Chapter is a recently established, not-for-profit organization that acts, in partnership with the national organization, as a catalyst for green building development across the Ottawa Gatineau area of Eastern Ontario and Western Quebec. We are looking for an individual who wishes to become the central person for green building information in the National Capital market. The successful applicant will be a dynamic, well spoken entrepreneur to lead this organization in partnership with the volunteer Board of Directors of the chapter, and the National Organization. The Chapter has some base funding established, but will require some fundraising activities to meet its longer term goals. Further details regarding the position, including a detailed job description, can be found at <http://www.cagbc.com/chapters/ottawa> Remuneration will be negotiated with the successful applicant, although it is expected that it will consist of both a base salary (40 to 50G) and a strong bonus structure.

Source: Canada Green Building Council

Deadline: January 25, 2009

Source: GLOBE Foundation of Canada Internet Website

http://www.globe-net.com/opportunities/listing.cfm?ID_Region=1&ID_Opportunity=4290

Acid Rain - N-Eutrophication

Contract Opportunity

CCME is now accepting proposals for the following contract opportunity:

Project 456-2009 – Acid Rain - N-Eutrophication. Proposals will be accepted until January 26, 2009, 12:00 noon CST. Please click on the following link for details: <http://www.ccme.ca/contracts/index.html>

Project 460-2009 - Methods Development for the Derivation of a Sediment Quality Guideline for Zinc based on Spiked Sediment Toxicity Data

Project Description: Contractor will critically evaluate sediment toxicity data for zinc based on data obtained from a literature search and will determine methods for development of derivation options and will calculate sediment quality guideline for zinc.

Closing Date/Time: Friday, February 6, 2009, 12:00 noon CST

Project Status: Open for competition

[Request for Proposals 460-2009](#)

(47 KB) (pdf)

Source: www.ccme.ca

New Substances Notification for Use of Biological Agents

Requests for Proposals

Defence Research & Development Canada - Suffield has a requirement to document new substances notification (NSN) for use of biological agent simulants at a field test facility. Historically, DRDC Suffield has used a field test site for the release of biological agent simulants in aerosol form for the testing of biological

detectors, triggers, and collectors. Recent discussions have indicated the need for New Substances Notification to reflect the current regulatory framework. The objective is to conduct and document a New Substances Notification for the use and release of biological agent simulants at the field test facility, plus two other new field sites. This will permit continued use of the site for testing of military and domestic first responder equipment in an operationally relevant environment. The scope of this work will be dictated by the NSN Regulations and the requirements of Environment Canada in this particular case.

Source: MERX . Reference: # PW-\$EDM-607-7557.

Deadline: February 2, 2009

Source: GLOBE Foundation of Canada Internet Website
http://www.globe-net.com/opportunities/listing.cfm?ID_Region=1&ID_Opportunity=4299

Hazardous Waste and Disposal Services

Expressions of Interest

Request for Supply Arrangement for Hazardous Waste and Disposal Services on an "as and when" requested basis for various Federal Government Departments and Agencies within Canada. The scope of work includes but is not limited to the following; provide all labour, material, equipment, tools and supervision necessary for the identification, labeling, packaging, preparation of profile documentation sheets, loading, transportation and disposal/destruction of user generated hazardous waste products. This RFSA will result in National Master Supply Arrangements (RFSA's) that will have no defined end-date and will remain valid until such time as Canada no longer deems it to be advantageous to do so. PWGSC will issue a refresh RFSA on a quarterly basis to enable new suppliers to become Supply Arrangement (SA) Holders for the provision of Hazardous Waste and Disposal Services. New compliant suppliers resulting from the quarterly refresh process will be issued SA's and their names will be added to the existing SA Holder list after each quarterly refresh period ends.

Source: MERX . Reference: # PW-\$REG-158-3536.

Deadline: February 24, 2009

Source: GLOBE Foundation of Canada Internet Website

http://www.globenet.com/opportunities/listing.cfm?ID_Region=1&ID_Opportunity=4298

Battery Recycling Services

Requests for Proposals

The implementation of a Battery Recycling Program in the Canada Revenue Agency's (CRA) facilities across Canada. To obtain the services of a company to provide recycling services for Household Battery Waste in 150 facilities operated by the CRA across Canada. It does not include Industrial Batteries. The battery-recycling services include the collection, transportation, handling, and recycling of batteries from designated Collection Points. It also includes the transfer of ownership of the Battery Waste from the CRA to the Contractor at the time of pickup. The Contractor shall provide written notification to the CRA of any non-acceptable Battery Waste within 15 days of reception of the waste at the Recycling Facility and shall provide records of the amounts of Battery Waste collected. The Contractor will also be required to submit an annual service report.

Source: MERX . Reference: # 167225.

Deadline: February 13, 2009

Source: GLOBE Foundation of Canada Internet Website

http://www.globenet.com/opportunities/listing.cfm?ID_Region=1&ID_Opportunity=4296

International

European Summer School in Resource and Environmental Economics

EAERE-FEEM-VIU European Summer School in Resource and Environmental Economics

CALL FOR APPLICATIONS

Economics, Transport and Environment
Venice, July 5th - 11th, 2009

<http://www.feem.it/ess>

Deadline for application: February 1st, 2009

The European Association of Environmental and Resource Economists (EAERE), the Fondazione Eni Enrico Mattei (FEEM) and the Venice International University (VIU) are pleased to announce their annual European Summer School in Resource and Environmental Economics for postgraduate students.

The 2009 Summer School will take place from the 5th to the 11th of July, at the VIU campus on the Island of San Servolo, in Venice, located just in front of St. Mark's Square. The theme of this Summer School is Economics, Transport and Environment.

Transport is considered one of the main sources of externalities. Important externalities are air pollution, noise, congestion, wear and tear, but also accident, congestion and schedule delay costs imposed upon others. It is proposed to focus the summer school not only on environmental problems in a very narrow sense but also to study the interrelation with the other types of externalities. Transport externalities need a somewhat different analysis from most other externalities in the sense that the level of the externalities feeds back into the level of the activity: increased congestion and accident levels decrease participation in transport activities.

FACULTY and LECTURE TOPICS

Prof. Stef PROOST, Katholieke Universiteit Leuven, Belgium - School Coordinator
Topic: Transport externalities in general equilibrium and partial equilibrium models

Prof. David BROWNSTONE, University of California at Irvine, USA
Topic: Econometric models of vehicle ownership and use, fuel efficiency, technology forcing and choice of new fuels, and the effects of land use

Prof. Bruno DE BORGER, University of Antwerp, Belgium
Topic: Company cars, congestion and taxation of work trips

Prof. André DE PALMA, University of Cergy-Pontoise, France
Topic: Modeling transport in urban areas: dynamic models of traffic and emissions - bottleneck versus network models, effects of alternative traffic pricing policies

Prof. Matthew TURNER, University of Toronto, Canada

Topic: Land use, economic development, transport and externalities

ADMISSION AND SCHOLARSHIPS

The Summer School is targeted to postgraduate students. Admission is conditional on the presentation by each student of his/her doctoral work; therefore PhD students who want to apply normally need to be advanced in their PhD to have produced at least one substantive chapter, but not to have completely finished their thesis. Application is restricted to 2009 EAERE members, both European and non European citizens. Women are encouraged to apply. Given the highly interactive activities planned at the Summer School, the number of participants is limited to 20. There is no participation fee.

This activity is part of the ESS RESECON project, that has received funding from the European Community's Sixth Framework Programme, Marie Curie Actions - Human Resources and Mobility. All successful applicants will receive financial assistance for their participation in the Summer School under the ESS RESECON project, in accordance to the Marie Curie Actions' rules.

For further information on application and funding please access the Summer School Website at <http://www.feem.it/ess/> or contact the Summer School Secretariat.

Summer School Secretariat
Ms. Angela Marigo
Fondazione Eni Enrico Mattei
ess@feem.it
<http://www.feem.it/ess/>

Upcoming Conferences/Events/Trade Show

Local

Solar Domestic Hot Water Installer Workshop

Wednesday, January 28, 2009

Manitoba Hydro and the Canadian Solar Industries Association (CanSIA) presents the Solar Domestic Hot Water Installer Workshop to offer you

the knowledge and training required to install solar domestic hot water systems. It includes a review of installation procedures, practices, and requirements.

In order to complete CanSIA's Canadian Solar Domestic Hot Water System Installer Certification Program, you must complete this course and pass the open book exam. The exam is optional, but if you plan to take it, you must register for it.

The workshop cost includes two CanSIA manuals: STT 100 - Fundamentals, and STT 200 - Installation, Maintenance and Design. The manuals will be mailed to those who register and pay for this workshop before January 20th, 2009.

You do not have to be an experienced installer or a licensed plumber to participate in this workshop. However you must obtain installation experience in order to become a CanSIA certified solar domestic hot water installer. Inexperienced installers who take this course may complete the experience requirements at a later time. To learn more about the full requirements of the CanSIA's Canadian Solar Domestic Hot Water System Installer Certification Program, visit the CanSIA website (open new window)

<http://www.cansia.ca/Default.aspx?pageld=143389&emulatemode=1> .

Location: Greenwood Inn & Suites, Elm Room 1715 Wellington Ave., Winnipeg

Date: Wednesday, January 28, 2009

Time: 8 a.m. to 5 p.m. (exam is from 3 p.m. to 5 p.m.)

Workshop fee (lunch included): CanSIA member \$225; non-member \$275

Exam fee: \$75 (Manitoba Hydro will reimburse your exam fee if you pass).

To register: complete the application form and fax or mail it the address provided.

http://www.hydro.mb.ca/your_business/customer_communications/CanSIA_seminar_registration_form.pdf

Seating is limited. Preference will be given to CanSIA members.

For more information on the workshop, contact Chad Krut at Manitoba Hydro (204) 360-7934.

For information on CanSIA certification, training, or technical questions, contact Wes Johnston at 1-866-522-6742, ext. 224.

Capturing Opportunities

April 23 and 24
Brandon, Manitoba

The MEIA will be participating on a panel at Capturing Opportunities, hosted by the Manitoba Agriculture, Food and Rural Initiatives (MAFRI).
Watch this website: <https://www.capturingopportunities.ca> for further details of the conference to be held on April 23 and 24, 2009 in Brandon, Manitoba.

National

EnerCan West: Energy for a Sustainable Future

March 16 – 17, 2009

Saskatchewan, as a Canadian and global leader in economic growth, is the place for investment, research and business development. And energy is top-of-the-heap for opportunities from all perspectives.

EnerCan West, a two day energy conference and trade show co-hosted by the Saskatchewan Environmental Industry and Managers Association (SEIMA) and the Manitoba Environmental Industries Association (MEIA) is on a fast-forward trajectory for delivery of the best minds, best practices and best technological information available in the field of sustainable and renewable energy options.

On March 16 & 17, 2009, the EnerCan West inaugural event will focus on the role of nuclear energy in the energy mix of the future. Where does nuclear fit in a climate-challenged world?

WE'RE PROUD TO LAUNCH OUR NEW WEBSITE AT www.enercanwest.com, where you'll find all the details on this exciting new international conference and trade show. Check it out now!

AMERICANA International Environmental Trade Show and Conference

MEIA is a Supporting Organization of Americana 2009

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

Canadian Renewable Energy Workshop

March 10 – 12, 2009

Regina Inn Hotel and Conference Centre
Regina, Saskatchewan

Knowledge, Technology and Connections

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

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

World Conference on Sport and the Environment Coming to Vancouver

March 29-31, 2009

A worldwide forum on opportunities and issues for sustainable sport is coming to Vancouver. The International Olympic Committee (IOC), in partnership with the

United Nations Environment Programme (UNEP), will convene the 8th World Conference on Sport and the Environment from March 29-31, 2009.

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

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

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

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

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

This will be the first time the international conference will be hosted by a Canadian city. Past conferences have been held in Nairobi, Kenya; Torino, Italy; Nagano, Japan; Kuwait City, Kuwait; Rio de Janeiro, Brazil; and, Lausanne, Switzerland. The 7th World Conference on Sport and the Environment was hosted by the Beijing Organizing Committee for the Games of the XXIX Olympiad in Beijing, China in October 2007.

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

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

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

About the WCSE

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

About VANOC

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

About GLOBE

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

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

EPIC: The Vancouver Sun Sustainable Living Expo

May 8 - 10, 2009

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

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

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

International

Conference on the International Dimensions of Climate Policies

Registration for non-presenting participants

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

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

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

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

Keynote Speakers:

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

Programme committee:

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

Registration:

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

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

Hotels and accommodation:

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

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

Contact:

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

25th Session of UNEP Governing Council/GMEF

February 16 – 20
Nairobi, Kenya

Please see below for a letter from France Jacovella, Director General, Multilateral and Bilateral Affairs at Environment Canada, concerning the 25th session of the Governing Council of the United Nations Environment Programme and Global Ministerial Environment Forum.

[Letter to Stakeholders](#)

[Provisional Agenda](#)

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](#).

"Energy and Climate Summit 2009: Meeting New Challenges"

February 3 – 4, 2009

New Delhi at Hotel le Meridien

Integrated research and Action for development (IRADe)

IRADe, a Research and Action Institute in New Delhi, India is organizing an event on collaboration with other organizations in India. Our intention is to discuss how climate change impacts energy sector (adaptation) and how energy sector can come

forward to mitigate emissions. Several ministers including Ministry of Power, Ministry of petroleum and natural gas, Planning Commission and others. High-level govt. officials, experts from academic, public and private sectors from India are expected to attend the event.

While India will be the focus, many of the issues are generic. We are looking for International and Indian experts on somewhat less explored subject of how climate change could impact energy sector. Prog is attached. While some of the major invitees from the Government are confirmed for inauguration and chair persons, there is room for some experts to join us if informed soon.

Pl. see for details and registration form www.irade.org

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

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>

Carbon TradeEx America

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

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

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

Clean Technology Conference and Expo 2009

May 3 – 7, 2009
George R. Brown Convention Center
Houston, Texas

Our Mission: Advance the development, commercialization and global adoption of clean technologies and sustainable industry practices.

Powerful Community: Clean Technology 2009 brings together over 5,000 [technology and business leaders](#) and experts from academia, investment, government, startups and Fortune 1,000 companies.

Delivering Results: Identifying latest clean technologies and commercial sustainable solutions, driving advanced research insight and best practices, matching buyers and sellers, enabling strategic partnerships, and providing IP licensing, venture capital, corporate financing and customer acquisition opportunities.

Submissions Due: January 28th 2009
[Submit Intellectual Property \(IP\)](#)
[Submit Early Stage Company \(Venture\)](#)
[Submit Technical Abstract](#)
[Submit Business & Policy Proposal](#)

For more information click [here](#)

Monitoring Climate Change Impacts: Establishing a Southern Ocean Sentinel Program

Workshop 20-24 April 2009
CCAMLR Headquarters, Hobart, Tasmania, Australia

Supported by the Australian Antarctic Division (AAD), WWF, and the Antarctic Climate and Ecosystems Co-operative Research Centre (ACE CRC)

A timely interdisciplinary workshop to address important issues in measuring, assessing and providing early-warning detection of climate change impacts on marine ecosystems and biodiversity, by measuring change in the Southern Ocean. A key focus will be to promote national and international collaboration.

Scientists, policy and decision-makers and representatives of NGOs are invited to participate.

For further information visit www.aad.gov.au/sentinel or email sos@aad.gov.au