



MEIA Information Bulletin for February 4, 2009

MEIA News	2
Remediation and Prevention.....	2
Green Building: LEEDing the Way.....	4
Annual General Meeting	4
MEIA Golf Tournament.....	4
General News	5
Local Interest.....	5
Tetra Tech Expands into Canada Through Wardrop Acquisition	5
New Toastmasters Club on Waverley.....	6
Manitobans the Worst Recyclers in the Country, Figures Show.....	6
Hydro Power Could Help Spark Recovery	8
House Burrowed Into Earth Costs Just \$20 a Year to Heat	10
Biofuel Benefits City's Vehicles	12
Provincial Assistance Program Yields \$26 Million in Mineral Exploration: Rondeau.....	14
Manitoba Research Projects Receive More Than \$2 Million in Funding	15
National Interest.....	16
Government of Canada Protects the Environment and the Health of Canadians	16
Haida - NaiKun Partnership for Canada's First Offshore Wind Project.....	17
Government of Canada Launches Vehicle Scrappage Program.....	19
Environmental Impact Guidelines Issued for Nuclear Waste Facility	20
International Interest.....	21
International Renewable Energy Agency Established	21
European Commission Proposals for Global Climate Pact.....	23
Business and Career Opportunities.....	26
National.....	26
Call for Applications for the 2009 CCME Pollution Prevention Awards	26
Are You a Greenhouse Gas Professional?	26
Cross-Canada Survey of Radon Concentrations in Homes	27
Project 460-2009 - Methods Development for the Derivation of a Sediment Quality Guideline for Zinc based on Spiked Sediment Toxicity Data	28
Hazardous Waste and Disposal Services	28
Standing Offer - Collection and Removal of Used Tires and Rims	29
Battery Recycling Services	29
Preliminary Standards of Practice for Fugitive Emissions Collection	30
Wind Turbine for Alpine and High Subalpine Locations	31
Upcoming Conferences/Events/Trade Show.....	31

Local.....	31
Capturing Opportunities.....	31
National.....	32
EnerCan West: Energy for a Sustainable Future.....	32
AMERICANA International Environmental Trade Show and Conference	32
Canadian Renewable Energy Workshop.....	33
World Conference on Sport and the Environment Coming to Vancouver.....	33
EPIC: The Vancouver Sun Sustainable Living Expo.....	35
International.....	36
25th Session of UNEP Governing Council/GMEF	36
The Southeast Recycling Conference & Trade Show	36
The 11th International Conference on Energy and Environment.....	37
Carbon TradeEx America	38
Clean Technology Conference and Expo 2009.....	38
Monitoring Climate Change Impacts: Establishing a Southern Ocean Sentinel Program	39

MEIA News

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

Platinum Sponsor



Gold Sponsor



Silver Sponsors



Bronze Sponsor

Wardrop Engineering Inc.

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

Tetra Tech Expands into Canada Through Wardrop Acquisition

Pasadena, California: January 28, 2009

Tetra Tech, Inc. (NASDAQ: TTEK) announced today that it has acquired Wardrop Engineering, Inc. (Wardrop), a Canadian firm that specialized in resource management, energy, and infrastructure design. Wardrop has about 1,200 employees globally and had revenue of approximately U.S. \$120 million in fiscal 2008. The acquisition expands Tetra Tech's worldwide presence, adding 13 offices in Canada and offices in the United Kingdom and India. Wardrop will join Tetra Tech's Environmental Consulting Services segment. The terms of the transaction were not disclosed.

"Wardrop represents the next step in our strategy of low risk international expansion, and provides a platform for additional international growth," said Dan Batrack, Tetra Tech's Chairman and CEO. "Wardrop adds to our team a complementary business culture, significant international presence, and a demonstrated track record of performance. This combination has enhanced our collective natural resource management capabilities, and has effectively doubled our capabilities in nuclear energy and electrical transmission. Together with more than 10,000 employees globally, we are now a better positioned to serve multinational clients. This geographic expansion into Canada also opens a new growth market for Tetra tech's water capabilities. We welcome all of the employees of Wardrop."

"Tetra Tech is the partner that we've been looking for," said Shayne Smith, CEO of Wardrop. "Tetra Tech will provide broad opportunities for our people and help us to better serve our customers at every stage of the project life cycle. With access to Tetra Tech's construction management and self-performance capabilities, we can now provide full, turn-key solutions. This transaction is the largest in our industry between U.S. and Canadian firms, and it underscores how North American firms can work together to create a global execution platform for high-end services."

About Wardrop (www.wardrop.com)

Wardrop is a multi-disciplined consulting and engineering firm that provides innovative solutions for the natural resource management, energy, and infrastructure markets globally. Wardrop currently has 1,200 employees who work collaboratively throughout its North American and overseas operation. Wardrop has been named one of Canada's Top 100 Employers by Macleans magazine eight times.

About Tetra Tech (www.tetratech.com)

Tetra Tech is a leading provider of consulting, engineering, program management, construction and technical services addressing the resource management and infrastructure markets. The Company supports government and commercial clients by providing innovative solutions focused on water, the environment and energy. With more than 10,000 employees worldwide, Tetra Tech's capabilities span the entire project life cycle.

Contacts:

Jorge Casado, Investor Relations
Talia Starkey, Media & Public Relations
(626) 470-2844

New Toastmasters Club on Waverley

Are you looking to improve yourself in any of these areas?

Become a more confident speaker
Think quickly and clearly on your feet
Become a better listener
Become a more effective Leader
Toastmasters can help!

Gain the knowledge, skills, experience and confidence you need in a supportive environment.

Please join us at our Open House

Wednesday, February 18, 2009 12:00 – 1:00
1000 Waverley Street, Winnipeg

For more information about the Toastmasters International program or to register, please call Tannis at 945-4521 or Bev at 272-2963

Manitobans the Worst Recyclers in the Country, Figures Show

January 26, 2009

Manitobans are bucking the green trend by throwing away more garbage than ever before - topping the scales at more than one million tonnes of trash a year - and thereby earning the dubious distinction of being the worst recyclers in the country.

At a time when the rest of Canada is diverting almost one-quarter of its garbage away from landfills, Manitoba has gone in the other direction.

Where the province kept almost 20 per cent of its trash out of dumps in 2002, the latest provincial figures show only 13 per cent of garbage was diverted in 2006. At the same time, according to Statistics Canada, the province has seen the second-highest increase in trash in Canada and has the worst recycling rate in the country. "There have always been places in Canada that are more environmentally aware than Manitoba," said Anne Lindsey, executive director of the environmental coalition Manitoba Eco-Network.

"That has been par for the course on many issues, including knowledge and awareness of climate change. ... There is something about the geography here." Manitobans are throwing away 100,000 tonnes more now than they were in 2002, according to the figures from the province. They're also tossing out more waste per capita than the national average.

While Nova Scotia diverts 40 per cent of its waste and 99 per cent of its households recycle, Manitoba diverts only 13 per cent of its garbage and is dead last in number of households recycling, at 88 per cent, says Statistics Canada. Manitoba also lags behind almost every other province in composting, using energy-efficient light bulbs and conserving water.

The provincial government is promising to do better, but others say Manitoba lacks incentive partly because of its abundance of land.

Unlike Nova Scotia, surrounded mostly by water, or Toronto, which is forced to ship its garbage to Michigan, Manitoba's 250 landfills are a long way from being full. "The landfill here has an anticipated life of 100 years or more in terms of its capacity to accept waste," said Randall McQuaker, executive director of Resource Conservation Manitoba in Winnipeg.

"It appears to some that the waste problem here is not as urgent. We can just keep sending all our stuff to the landfill. Of course that is a horrendous waste of energy and a horrendous waste of resources."

There are few incentives for Manitobans to recycle or compost, he added. Businesses have to pay for recycling services while there are few accessible places for people to responsibly dispose of old computers and other electronics. It's time the government made it easier for residents to do the right thing, Mr. McQuaker said.

"This is an area where some other provinces have moved, but Manitoba has not." Conservation Minister Stan Struthers wouldn't commit to any new programs until he consults with "industry partners" but said he knows Manitoba must do better.

"I'm the first to say that we have to do more," Mr. Struthers said in an interview. "I'm concerned about the trends. We have to do more to make sure that we don't have all that ending up in our landfills."

The province will study other jurisdictions to see what more it can do to create a "regular and routine method" to get rid of household waste responsibly, he said.

Liberal Leader Jon Gerrard said the province has dragged its feet when it comes to waste. For example, Saskatchewan has joined other provinces by setting up a bottle-return program, but Manitoba's NDP government has resisted.

"They have had more than nine years to act and they haven't done it," Mr. Gerrard said. "This is a simple thing that would make a dramatic difference."

Chinta Puxley

Source: www.theglobeandmail.com

Hydro Power Could Help Spark Recovery

January 25, 2009

Is green energy a cure for the current economic downturn? While there is no instant remedy, Canada is in a better position to recover from this slowdown than our neighbour to the south. To start with, we have a significantly lower debt, and we have a wealth of natural resources.

Specifically, Canada's immense hydro-power potential is the secret tonic that can re-energize regional economies and create high-quality jobs. At the same time, hydro-power development can address climate change and improve air quality.

In recognition of hydro power's role as a clean, renewable energy that can contribute to economic growth and fight climate change, Prime Minister Stephen Harper has committed to meeting 90 per cent of Canada's electricity needs with clean sources, such as hydro power, by 2020.

Hydro power already provides 60 per cent of Canada's electricity, and about 97 per cent of existing renewable electricity.

Yet we have the potential for much more. The industry has identified 163,000 megawatts of technical potential across all of Canada -- more than double the existing capacity. In Manitoba alone, the potential is close to 9,000 MW.

Right now, a number of hydro-power projects are being either considered, planned, or are under construction. Over the next 10 years, these projects will involve more than \$50 billion in capital investment, and tens of thousands of jobs. Because these projects take many years to develop and are often undertaken by public utilities, they tend to be less sensitive to economic downturns than other energy and natural resources projects.

Such investment pays off for decades. The long service life of hydro-power installations translates into lower rates for consumers.

In fact, British Columbia, Manitoba and Quebec have among the lowest electricity rates in North America, thanks to a predominantly hydro-based system.

Given that water is a domestic resource, hydro-power installations are not subject to fluctuations in fuel prices. That means hydro power also fosters energy independence and security.

Hydro makes good economic sense, and it is green. Hydro power produces no air pollutants that cause acid rain and smog, no polluting or toxic waste byproducts, and a very small amount of greenhouse-gas emissions: 60 times less than those from coal-fired plants and 18 to 30 times less than natural gas power plants. Life-cycle emissions from hydro-power facilities are comparable to those of wind power.

Hydro power's unique flexibility makes it the best source to support development of other renewable but intermittent sources of electricity, such as wind power.

By displacing more polluting sources of electricity, hydro power helps Canada reduce its emissions and improve air quality. Pollution from U.S. coal-fired plants crosses borders; hydro power reduces continental emissions and pollutants through annual sales of an average of 40 terawatt hours a year to the U.S., primarily to markets that rely on coal-fired plants. Canada is one of the world's largest exporters of clean electricity.

Despite the government's plan to increase clean electricity, major hurdles to hydro-power development remain.

Legislation and regulations designed to protect the environment unwittingly favour the development of fossil-fuel powered electricity. How? Coal or natural gas-fired generating stations benefit from less costly and shorter environmental permitting processes.

In addition, they are much quicker and less expensive to build than hydro-power projects. On average, a large hydro-power project requires eight to 12 years of preparation, from the beginning of feasibility studies to its commissioning, whereas a fossil-fuel power plant can be operational in four years.

Unfortunately, the environmental-assessment process places excessive emphasis on local impacts while ignoring the positive impacts of clean energy, such as reductions to acid rain, greenhouse-gas emissions and air pollution.

Fish are a good example of the long-term benefits of hydro power versus the short-term local impacts. When hydro power displaces coal-fired plants, fish benefit from the reduction of toxic pollution. The same can be said of endangered species; climate change and air pollution pose a greater risk to them than hydro-power development.

The hydro-power industry is not asking the government for tax cuts or subsidies. We are asking for recognition of hydro power's many economic and environmental benefits in the environmental assessment of project development. To meet electricity needs without mortgaging the environment, hydro power is the right investment -- bringing green returns for generations to come.

Source: www.winnipegfreepress.com

House Burrowed Into Earth Costs Just \$20 a Year to Heat

January 26, 2009-01-28

So what does it cost Cam and Lisa Cleaver to heat their home, nestled in a gorgeous 22-acre woodlot atop the Manitoba escarpment?

Twenty bucks.

No, but seriously, you guys, what do you pay to heat your home?

Twenty bucks -- the same as they've paid every year for the past 14 years. Oh well, they must live in a shack, you're thinking.

No. At 2,500 square feet, their house is probably bigger than yours.

The Cleavers live in one of only two known underground homes in Manitoba, but theirs is all the more fantastic for its location -- burrowed into the top of a hill.

In fact, it's located right on the line where the escarpment begins. Ten thousand years ago, it might have been a beach house on Lake Agassiz.

There are two reasons the Cleavers have virtually no heating cost. First, they are embedded in at least five feet of earth on all sides (except the south side, to maximize sunshine for light and warmth). At anything more than four feet below ground, temperatures are from 10 to 12 Celsius.

So the Cleaver home only has to be heated eight to 10 degrees above that soil temperature to be made livable. That's compared to most houses which have to be heated against the outside air temperature.

The second reason their heating cost is so low is they live in a forested area and use an outdoor boiler. Cam and the kids take the pickup truck each fall to gather and cut deadfall. The \$20 is the gas for the truck and chainsaw.

They feed the boiler once a day and burn about four cords (a 4 x 4 x 8-foot stack) each year, but that's also to continuously heat a workshop separate from the house. Even if they paid for the four cords of firewood, it would only cost in the \$400 range, depending on the type of wood.

On a day when it was worse than -40 Celsius with the wind chill, their home was unbelievably cosy inside, especially with its radiant floor heat.

They have electricity and could use electric heat, but it would still be jaw-droppingly cheap. Plus, they pay no air conditioning cost because the earth cools their residence in summer.

Cam built the underground home 15 years ago, working evenings after his day job. He was frequently interrupted by gawkers who stopped by to shake their heads and tell him to expect a visit from some men in white suits. "Everyone thought I was a lunatic," Cam said.

Wife Lisa included? Well, let's just say she went from being a city girl from Winnipeg's North End to a country gal when she met Cam, to one of the mole people.

Cam originally bought the property as a place to hunt. He got his idea after visiting cousins in Wichita, Kansas, where he spotted a house piled with dirt to keep it cool in summer.

The floors, walls and ceiling of the Cleaver home are concrete. Cam knew concrete because he was employed at the time by a company that built concrete septic pools for large hog farms.

The home's inside walls have been textured so they look like a stylish stucco. The ceiling is a story in itself. Cam erected 500 two-by-four studs, one foot apart, to hold a plywood platform while concrete was poured over top. The studs were removed once the concrete hardened.

When you build with concrete, you have to plan in advance for things such as switches and electric plugs, because you can't make new holes later. Cam almost forgot the dryer vent. Just as the concrete was being poured, he shouted for the operator to stop so he could make the adjustment.

The home is 100 feet long by 25 feet wide. "It's like a long trailer home," said Cam, although it's much wider. From the front, it looks like a one-storey school, or even a little strip mall, although that sounds uncharitable and the description isn't meant to be.

The bedrooms and main rooms, such as the den and living room, all face south to obtain natural light. The bathroom is on the other side and has no windows. Lisa said it's like living in an apartment and not an issue.

It's also the safest kind of building in a tornado. There were two tornados in the general area last summer, including one south of the town of Holland. Their kids love the house, plus the giant playground of 22 acres of hilly woods around it.

Cam has a word of caution for anyone wanting to duplicate his feat. Lenders will not grant a mortgage on an unconventional house, he said. He had to take a regular loan like you'd get for buying a car, at a higher interest rate.

Source: www.winnipegfreepress.com

Biofuel Benefits City's Vehicles

January 24, 2009-01-28

Fuel partly derived from low-grade canola or spoiled crops could wind up in the tanks of all city-owned diesel-powered vehicles after a biodiesel pilot project showed city vehicles are more efficient when they run on the environmentally friendly fuel.

Winnipeg is close to completing a two-year alternative-fuel study that involved 20 city vehicles running on a mixture of 90 per cent conventional diesel fuel and 10 per cent biodiesel derived from U.S. soybean crops.

The \$600,000 study, which concludes in March, already suggests city diesel trucks can run up to five per cent more efficiently on biodiesel than vehicles with ordinary diesel in their tanks -- even in the middle of a harsh Winnipeg winter.

"If we can do it in Winnipeg, you can do it anywhere," Winnipeg Fleet Management Agency head Yvan Lupien said as the city, provincial and federal governments invited reporters into Winnipeg's biodiesel-fuelling facility on Pacific Avenue.

Unlike ethanol made from food-grade crops, biodiesel is considered a genuinely green fuel because it can be made from waste products such as low-grade or blighted crops, used cooking oil or possibly even algae.

Though corn-based ethanol offers minimal climate-change benefits because it takes almost as much energy to produce as conventional fuel, canola-based biodiesel requires up to 16 times less energy to create, provided it comes from waste products or low-grade crops, said Jim Rondeau, Manitoba's science, technology and energy minister.

Manitoba is expected to require biodiesel to be blended into all provincially sold diesel fuel sometime this year, as biodiesel plants are under development in St. Boniface, the Interlake town of Arborg and just outside Beausejour.

That could make any city decision about biodiesel use in its own fleet a moot issue. Winnipeg Mayor Sam Katz said he's excited by the technology, which he said reminds him of science-fiction scenarios from cartoons.

"Twenty years ago, we could only dream about recycling waste into fuel," he said. Before Winnipeg began testing biodiesel, the Fleet Management Agency expected the fuel to be two or three per cent less efficient than conventional diesel. It wound up providing superior lubrication to city vehicles and did not require fuel filters to be changed as often as expected, said Lupien and project manager Ajaleigh Williams. The combination of lower energy inputs, increased fuel efficiency and easier maintenance makes biodiesel extremely attractive, they said.

Research into deriving biodiesel from algae may make it possible to create even more efficient blends in the future, said Arne Elias, director of the University of Winnipeg's Centre for Sustainable Transportation.

But it does not seem likely Manitoba will be able to kill two environmental problems with one stone by collecting Lake Winnipeg algae for biodiesel-production purposes. Algae used for biodiesel research is grown in closed tanks or open ponds, not harvested from the wild, Elias said.

Source: www.winnipegfreepress.com

Provincial Assistance Program Yields \$26 Million in Mineral Exploration: Rondeau

January 30, 2009

The provincial government will provide \$1.4 million from the Mineral Exploration Assistance Program (MEAP) to support 31 new mineral exploration projects, Science, Technology, Energy and Mines Minister Jim Rondeau announced today.

“It is important to find new mines and increase mineral resources near existing mining infrastructure,” said Rondeau. “The economies of northern communities and indeed the whole province depend on the sustainability of a healthy mining sector. That’s what MEAP is all about.”

The projects are expected to generate \$26 million in additional exploration expenditures. For every MEAP dollar spent to support exploration, mining companies spend about eight to nine dollars exploring in Manitoba. Projects are being undertaken by 20 companies, three of which have been attracted in part by MEAP’s financial assistance to explore in Manitoba for the first time.

MEAP was recently renewed for an additional three years starting with the April 2008 offering and will offer \$2.5 million of assistance annually through two offerings per year.

“The MEAP funding sends a very positive message of encouragement to companies exploring new mines in our province,” said John Roozendaal, president of VMS Ventures Inc. “The mining industry is the primary employer of northern Manitobans and is fundamental to the economic sustainability of the region; by supporting exploration activity, the province is helping to ensure a future for northern Manitoba residents and the many spinoff jobs in southern Manitoba reliant on mining and exploration activity.”

MEAP provides assistance of up to 25 per cent of approved eligible expenses to a maximum of \$300,000. There are higher levels of assistance – up to 35 per cent to a maximum of \$400,000 – to encourage exploration in under-explored frontier regions and to help sustain mining communities such as Snow Lake, Lynn Lake and Leaf Rapids.

“Investors in the mineral sector are more risk-averse due to the ongoing market uncertainty and the lack of investment funding is forcing junior exploration and major mining companies to reduce or even cancel projects,” said Rondeau. “MEAP funding can help move viable projects forward through this economic downturn.”

Source: www.gov.mb.ca

Manitoba Research Projects Receive More Than \$2 Million in Funding

January 23, 2009

The Manitoba government will provide more than \$2.3 million to support 19 research projects at the universities of Manitoba and Winnipeg relating to health, the environment and the development of new technologies, Science, Technology, Energy and Mines Minister Jim Rondeau announced today.

“The Manitoba government is a strong supporter of science and health research, innovation and technology,” said Rondeau. “Research and innovation in the 21st century will be a major player in global competitiveness and provide good jobs and better lives for Manitobans.”

“This funding from the Manitoba Research and Innovation Fund will provide an important stimulus to the research capacity at the University of Manitoba,” said Dr. Digvir Jayas, acting vice-president (research) of the University of Manitoba. “Our researchers are among the very best and this support is critical for these scientists and scholars to have the tools and equipment necessary to carry out innovative research programs.”

Rondeau noted one of projects received funding for a nuclear magnetic resonance console to support the biomedical and materials research of two University of Manitoba chemistry researchers. Dr. Frank Schweizer’s work will help to develop medications against infectious diseases and novel nutraceuticals to fight obesity and diabetes. Dr. Scott Kroeker’s research will help design effective nuclear waste storage materials, resulting in safe disposal solutions.

The funding is provided through the Manitoba Research and Innovation Fund. The fund was created to help increase the capacity of the province’s universities, colleges, hospitals and other institutions to carry out important, world-class research and development. Since 2003, it has provided over \$73 million in research and innovation support for health and agriculture, technology and aerospace, cultural and new media industries, and alternative energy developments.

Source: www.gov.mb.ca

National Interest

Government of Canada Protects the Environment and the Health of Canadians

OTTAWA: January 30, 2009

The Honourable Jim Prentice, Minister of the Environment, and the Honourable Leona Aglukkaq, Minister of Health, today announced the publication of final conclusions and initial risk management approaches for Batch 2 substances in the Chemicals Management Plan (excluding bisphenol A, which was released in October 2008). Notices were also published requesting information for Batch 8 substances.

“The Government of Canada is doing its part to protect Canada’s environment from the harmful effects of chemical substances,” said Minister Prentice. “This work means that harmful substances will be stopped from entering the environment and becoming a problem for future generations.”

“The Chemicals Management Plan is an important part of our actions to protect Canadians’ health,” said Minister Aglukkaq. “These substances have been carefully reviewed by our scientists and we have proposed several actions that will better protect the health of families and our environment.”

Of the 16 substances assessed in Batch 2, five were found to be of concern to human health (thiourea, Pigment Yellow 34, Pigment Red 104, isoprene and epichlorohydrin) and three to the environment (siloxanes D4 and D5, and 2,4,6-tri-tert-butylphenol or TTBP).

Although Canadians’ exposure to the five substances of concern to human health is very low, regulations are being proposed for four of these substances to prevent them from being used in the future without undergoing a new series of assessments. In addition, two of these substances will be added to the Cosmetic Ingredient Hotlist to prevent their future use in cosmetics. For one substance, it is proposed that manufacturers be required to implement the best-available technology so that releases can be controlled to better protect Canadians’ health.

Of the three substances of concern to the environment, regulations will be developed to set a concentration limit for siloxanes D4 and D5 in products and for wastewater generated during the manufacturing process. The third substance (TTBP) will be managed so that releases to the environment will be reduced below levels that can be measured. Additional information on these substances is available in the attached backgrounders.

The final screening assessments and the proposed risk management approach documents can be found on the Chemicals Management Plan website at http://www.chemicalsubstanceschimiques.gc.ca/plan/index_e.html. The process to address the approximately 200 high-priority substances identified under the Challenge will be completed in 2010.

Notices were also published in Canada Gazette, Part 1 for the 14 substances included in Batch 8 of the Chemicals Management Plan. Industry and other stakeholders are being asked to provide information on these substances that will be used in the draft screening assessments and any risk management that is required. Additional information on Batch 8 substances is available in the attached backgrounder.

Related Documents

[Batch 2 Substances](#) [Backgrounder 2009-01-30]

[Batch 8 Substances](#) [Backgrounder 2009-01-30]

[Siloxanes D4, D5 and D6](#) [Backgrounder 2009-01-30]

For more information, please visit www.chemicalsubstances.gc.ca, or contact:

Frédéric Baril
Press Secretary
Office of the Minister of the Environment
(819) 997-1441

Source: www.ec.gc.ca

Haida - NaiKun Partnership for Canada's First Offshore Wind Project

January 29, 2009

NaiKun Wind Energy Group Inc. ("NaiKun") and the Council of the Haida Nation have announced the formation of an historic partnership in support of the development of Canada's first offshore wind energy project.

The [NaiKun project](#) is located in the traditional territory of the Haida Nation, in British Columbia's Hecate Strait, between Haida Gwaii (the Queen Charlotte Islands) and the mainland.

The partnership will be a commercial limited partnership which will operate and maintain the NaiKun wind energy project after construction. The comprehensive limited partnership agreement provides for maximum benefits to the Haida Nation

from the NaiKun project, including revenue sharing, environmental stewardship, and employment and economic development opportunities for the Haida.

The agreement formalizes the relationship between the Haida Nation and NaiKun which has been ongoing since 2002, and builds on the memorandum of understanding signed by the two parties in May 2007.

"The establishment of the limited partnership marks a significant milestone for NaiKun's business relationship with the Haida and is a key step forward for the development of offshore wind energy in British Columbia," said Michael C. Burns, chair of the board of directors at NaiKun.

"This agreement is the result of many years of working together and it reflects the commitment from both partners to move this project forward. NaiKun will gain from the knowledge and insight of the Haida and welcomes the thoughtful support of the Nation and its leaders," said Mr. Burns.

"The Haida people support development that brings benefits of all kinds - individual, commercial and environmental - to Haida Gwaii and to the Haida Nation," said Guujaaw, President of the Haida Nation.

"We fully believe that, subject to confirmation of environmental feasibility, this offshore project will bring significant long-term benefits to the Haida Nation. For these reasons we are proud to be participants in the project," said Guujaaw. The Haida Nation and NaiKun Wind Operating Inc., a subsidiary of NaiKun, will participate equally in the partnership both in terms of ownership and economic value. NaiKun Wind Operating Inc. is the designated General Partner.

The project is contingent upon receipt of environmental approvals from the Haida Nation and through the harmonized federal/provincial environmental assessment process, and the award of an Electricity Purchase Agreement from BC Hydro. Training and recruiting for the project will begin immediately to ensure a qualified workforce is in place as activity ramps up for the start of construction in 2012.

In addition to support from local First Nations, the NaiKun project also has strong public support. A public opinion poll conducted for NaiKun by the Mustel Group in September 2008 indicated that 73 per cent of British Columbians support the project. NaiKun Wind Energy Group Inc. is a British Columbia-based renewable energy company that is traded on the TSX Venture Exchange. Additional information is available on [NaiKun's website](#)

For More Information: [NaiKun Wind Energy Group Inc.](#)

Source: GLOBE Foundation of Canada Internet Website
http://www.globe-net.com/other_news/listing.cfm?type=2&newsID=3981

Government of Canada Launches Vehicle Scrappage Program

Ottawa: January 30, 2009

Today, the Honourable Jim Prentice, Minister of the Environment, encouraged Canadians to take advantage of the new National Vehicle Scrappage Program "Retire your Ride" being delivered by the Clean Air Foundation, a not-for-profit organization, with support from the Government of Canada.

The Retire Your Ride program offers incentives to Canadians who turn in their older, higher polluting vehicles and also promotes sustainable transportation choices leading to reduced air pollution and greenhouse gas emissions, which cause climate change.

The incentives include discounts on public transit passes, bicycles, memberships in car-sharing programs, or \$300 cash.

"The Government of Canada remains committed to reducing air pollution and greenhouse gas emissions to protect the health of Canadians and the environment," said Minister Prentice. "That is why we are working with the Clean Air Foundation, provincial and local organizations to get smog-causing cars off our roads."

The Government is providing \$92 million to fund the Retire Your Ride program until March 31, 2011. The program will be delivered by the Clean Air Foundation in collaboration with local and national partners.

Of the 20 million cars and trucks on Canada's roads, nearly five million were manufactured before 1996 – the year that the Government of Canada introduced more stringent standards to reduce smog-forming emissions. These pre-1996 models produce about 19 times more air pollutants than newer cars and trucks.

As part of the Government's commitment to high environmental standards, the program will also include a National Car Recycling Code of Practice. This tough code, which has been developed with the Automotive Recyclers of Canada, will raise the standard of environmental care for vehicle recycling and apply to all participating recyclers.

This initiative is part of the Government's action plan, which includes a commitment to reduce emissions from transportation sources and cut smog-forming industrial air pollution in Canada.

Source: www.ec.gc.ca

Environmental Impact Guidelines Issued for Nuclear Waste Facility

January 27, 2009

The Canadian Environmental Assessment Agency (the Agency) and the Canadian Nuclear Safety Commission (CNSC) have issued two documents regarding Ontario Power Generation's (OPG) proposed Deep Geologic Repository project, located in the Municipality of Kincardine, Ontario.

The documents include the final Environmental Impact Statement (EIS) Guidelines and the Joint Review Panel (JRP) Agreement for the proposed Deep Geologic Repository.

The EIS Guidelines identify the information needed for OPG to prepare the EIS which will provide a detailed analysis of the potential environmental effects of the proposed project. The EIS Guidelines also list the requirements for a licence to prepare the site and construct the Deep Geologic Repository.

The JRP Agreement establishes how the panel will function and the terms of reference for conducting the environmental assessment, and for considering the licence application to prepare a site and construct a facility.

The draft EIS Guidelines and the draft JRP Agreement were subject to public consultation from April 4 to June 18, 2008, and were amended following consideration of the comments received.

The final Guidelines and Agreement, along with more information on this project are available at www.ceaa-acee.gc.ca , registry number 06-05-17520 and at www.nuclearsafety.gc.ca.

The two documents are also available from the contact mentioned below:

Deep Geologic Repository Project
Canadian Environmental Assessment Agency
160 Elgin Street, Place Bell Canada
Ottawa, ON K1A 0H3
Tel.: 1-866-582-1884
E-mail: DGR.Review@ceaa-acee.gc.ca

The next steps will include the appointment of JRP members, the submission of OPG's EIS for the Deep Geologic Repository and licensing documentation to the JRP, and a public consultation on the EIS.

About the Project

The project is a proposal by OPG to prepare a site, construct and operate a deep-geologic disposal facility on the Bruce Nuclear Site, within the Municipality of Kincardine. The Deep Geologic Repository would be designed to manage low and

intermediate level radioactive wastes, produced from the continued operations of the nuclear generating stations at Bruce, Pickering and Darlington, Ontario. Low level waste consists of industrial items that have become contaminated with low levels of radioactivity during routine clean-up and maintenance activities at nuclear generating stations.

Intermediate level radioactive waste consists primarily of used nuclear reactor components such as the ion-exchange resins and filters used to purify reactor water systems.

About the Agency

The Canadian Environmental Assessment Agency administers the federal environmental assessment process, which identifies the environmental effects of proposed projects, and the measures to address those effects, in support of sustainable development.

About CNSC

The Canadian Nuclear Safety Commission regulates the use of nuclear energy and materials to protect the health, safety, and security of Canadians and the environment; and to respect Canada's international commitments on the peaceful use of nuclear energy.

Source: Canada News Wire (CNW) .

Source: GLOBE Foundation of Canada Internet Website

http://www.globe-net.com/environmental_law/listing.cfm?ID_Report=1592

International Interest

International Renewable Energy Agency Established

(January 29, 2009) - Delegates from 120 governments meeting in Bonn, Germany this week launched a new intergovernmental agency focused on the development of renewable energy sources.

The International Renewable Energy Agency (IRENA) will promote renewable energy sources, such as solar, wind, water and geothermal, by informing and advising countries on regulations, financing and technology expertise.

The German Federal Environment Minister Sigmar Gabriel, said at the official launch of IRENA "Many countries have recognized the opportunities which renewable energies offer for climate protection, security of supply, economic growth and employment. IRENA gives renewables an international voice and political impetus. The Agency will be the global platform for renewable energies."

The German government's initiative for the founding of IRENA was actively supported from the outset by Spain and Denmark. The aim of the new Agency is to close throughout the world the gap between the enormous potential of renewables and their current relatively low market share in energy consumption.

Dr R.K. Pachauri, chairman of the Intergovernmental Panel on Climate Change, emphasized that international collaboration on renewable energy is a necessary, if elusive, practical solution to dismantling existing barriers to implementing renewable energy in most parts of the world. 'I am a strong supporter of the International Renewable Energy Agency', he stated, adding 'IRENA is a very important development for the mitigation of greenhouse gases and sustainable development.'

IRENA is the first international organization to focus exclusively on the issue of renewable energies. The main work of IRENA will be to advise its members on creating the right frameworks, building capacity and improving financing and the transfer of technology and know-how for renewable energies.

The first constituent meeting of the Preparatory Commission, to which all signatory states belong, also met this week and adopted criteria and procedures for selecting IRENA's interim Director-General and its interim headquarters. In June 2009 the Preparatory Commission will meet in Egypt to decide on the location of the Agency's headquarters and to elect the first Director-General.

The United Arab Emirates (UAE) has signalled it will "aggressively pursue" the right to host the newly-formed agency in its flagship Masdar City project, Masdar CEO Sultan Al Jaber said last week.

The US was not among the signatories to IRENA, but sent an observer from its embassy in Berlin. John Geesman, co-chairman of the board of directors at the American Council on Renewable Energy, urged Secretary of State Hillary Clinton to revisit the decision of the Bush administration to opt-out of joining the agency.

"We are hopeful and confident that the US will reverse the decision of the Bush administration not to join IRENA, and return the US to world leadership on renewable energy, a matter that is a priority of the new administration in Washington," he said.

Canada also was not a signatory to the establishment of the new organization.

The founding of IRENA is a milestone on the road towards a future-oriented energy supply. It is a clear sign that the global energy paradigm is changing and that more and more governments are committed to accelerating that shift.

Among the 75 founding countries are many European countries, including France, Italy and Poland, and many developing nations from Africa, such as Ghana, Nigeria and Uganda, from Asia, like the Republic of Korea and the Philippines, and from Latin America, including Guatemala, Chile and Argentina (download the list of Signatory States [here](#)).

See also [IRENA - Joining Forces](#), an article by José Etcheverry, assistant professor at York University, Toronto and president of the Canadian Renewable Energy Alliance.

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

Source: GLOBE Foundation of Canada Internet Website
http://www.globe-net.com/other_news/listing.cfm?type=2&newsID=3981

European Commission Proposals for Global Climate Pact

January 29, 2009

The European Commission has set out its proposals for a comprehensive and ambitious new global agreement to tackle climate change and how it could be financed. The new pact is due to be concluded at the Copenhagen UN climate conference in December.

The Commission's proposals include the creation of an OECD-wide carbon market by 2015 and the exploration of innovative sources of international funding based on the 'polluter pays' principle and ability to pay.

In order to keep temperature increase below 2°C, developing countries will require substantially higher funding from the developed world and multilateral institutions to help them shoulder their contribution to addressing climate change.

Environment Commissioner Stavros Dimas said: "Tackling the causes and impacts of climate change will require significant private and public investment over coming decades, though these investments will cost far less than letting climate change continue its destructive course."

"The European Economic Recovery Plan and similar measures being taken around the world to address the economic crisis are a chance to advance the low-carbon investment needed and stimulate growth, innovation and job creation at the same time," added Dimas.

E.U. Copenhagen goal

The EU's goal is to limit global warming to less than 2°C above the pre-industrial temperature as there is strong scientific evidence that climate change will become dangerous beyond this point.

The Copenhagen deal should both set global goals to reduce emissions and provide the basis for strengthening countries' ability to adapt to climate change. The Commission offers concrete proposals to reach these goals.

Targets and actions

To stay below 2°C, global emissions need to peak before 2020 and then be cut to less than 50% of 1990 levels by 2050. This will require action by both developed and developing countries.

Developed countries must take the lead and cut their collective emissions by 30% of 1990 levels by 2020. The EU has set an example by committing to reduce emissions by 30% if other developed countries commit to comparable cuts and has already put in place the measures to cut its own emissions by 20%.

The Commission proposes specific parameters to ensure national targets entail a comparable level of effort. All OECD countries and EU Member States, EU candidate countries and potential candidates should take on emission targets.

Developing countries, except the poorest ones, should limit growth in their collective emissions to 15-30% below business as usual levels by 2020. This should include a rapid decrease in emissions from tropical deforestation.

These countries should commit to adopting low-carbon development strategies covering all key emitting sectors by 2011. A new international mechanism will assess these strategies and match proposed actions with appropriate external support.

Financing low-carbon development

To reduce emissions, global net additional investment may need to rise to around €175 billion per year in 2020 according to independent estimates. More than half of this will be needed in developing countries. Up to 2020 the bulk of actions in these countries will have low costs - or even benefits - and should be financed domestically.

International financial support for actions exceeding a country's domestic capabilities should come from sources including public funds and international carbon crediting mechanisms.

The Copenhagen agreement should also provide a framework to help countries adapt to inevitable climate change. All developed and developing countries should be required to elaborate national adaptation strategies. Support for adaptation should be provided to the most vulnerable Least Developed Countries and small island developing states.

The EU should explore potential innovative sources of international funding based on the polluter pays principle and the ability to pay. EU Member States could also use part of their future revenues from auctioning allowances under the EU Emissions Trading System to support developing countries.

Global carbon market

The EU should seek to build, by 2015, an OECD-wide carbon market by linking the EU ETS with other comparable cap-and-trade systems in order to mitigate and to raise funds to fight climate change. The market should be expanded to include major emerging economies by 2020 with a view to building a global carbon market. The Kyoto Protocol's Clean Development Mechanism should be reformed. For advanced developing countries and highly competitive economic sectors, the CDM should be gradually replaced by a sectoral crediting mechanism and cap-and-trade systems.

Next steps

The Commission's Proposal will go to the EU Council, Parliament and consultative bodies. The European Council is expected to give its response in March. More information on the E.U. Action Plan on Climate Change is available [here](#).

Source: GLOBE Foundation of Canada Internet Website
http://www.globe-net.com/other_news/listing.cfm?type=2&newsID=3977

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.

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

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

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.globe-net.com/opportunities/listing.cfm?ID_Region=1&ID_Opportunity=4298

Standing Offer - Collection and Removal of Used Tires and Rims

Tender Calls

The City of Ottawa hereinafter referred to as the City is seeking offers from environmentally responsible qualified bidders to provide collection and removal of used tires and rims service, on an as and when required basis, at various City of Ottawa Municipal Districts as described in this document. The estimated quantities are specified complete with all to be serviced locations as are described in the Price Schedules of the Request for Standing Offer (RFSO). The subject services are to be in accordance the procedures as set out in the specifications, terms and conditions of the City's Request for Standing Offer # 15009-92677-S01 Copies of this Request for Standing Offer (RFSO) are ONLY available from the MERX Distribution Unit, telephone 1-800-964-6379 or via the Internet at www.merx.com. MERX is the official and sole distributor of this RFSO and any addenda. If a Bidder obtains this document by means other than through MERX, the accuracy of the document and receipt of any addenda is the sole responsibility of the Bidder.

Source: MERX . Reference: # 168049.

Deadline: February 12, 2009

Source: GLOBE Foundation of Canada Internet Website

http://www.globe-net.com/opportunities/listing.cfm?ID_Region=1&ID_Opportunity=4319

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

Preliminary Standards of Practice for Fugitive Emissions Collection

Requests for Proposals

The Ontario Ministry of Environment is seeking to retain one proponent who will provide a panel of at least three technical experts to develop Preliminary Standards of Practice for process fugitive emissions collection specific to the Foundry Sector. These Preliminary Standards of Practice will be used as a basis for collaborative development of a Technology Benchmark for the Ontario Foundry Sector that may involve external stakeholders. The project is to be conducted in the following stages: Stage 1: Ventilation Assessment of Two Facilities (Conduct a ventilation assessment that involves the inspection and evaluation of two MOE selected foundries' typical processes), and ; Stage 2: Development of Preliminary Standards of Practice (provide Specific, practical recommendations for the design or optimization (retrofit) of process fugitive emissions collection system (including local exhaust hooding and ductwork).

Source: MERX . Reference: # 168401.

Deadline: February 17, 2009

Source: GLOBE Foundation of Canada Internet Website
http://www.globenet.com/opportunities/listing.cfm?ID_Region=1&ID_Opportunity=4323

Wind Turbine for Alpine and High Subalpine Locations

Requests for Proposals

The objective of this project is to design/select a wind turbine suitable for a typical alpine or high subalpine environment. The Project Scope of Work involves: 1. An initial meeting with the BEES steering committee will be arranged to review the applicant's proposal; 2. Research currently available wind turbines that can be used in extreme weather conditions of alpine and high subalpine regions. Search national as well as international sources; 3. Describe wind turbine technologies used in extreme environments around the world; 4. Gather wind speed data, climate information, and identify specific environmental issues related to an alpine or high subalpine site; 5. Select the most appropriate wind turbine design; 6. Prepare a report with recommendations for designing/selecting the most appropriate wind turbine for use in Canada's alpine or high subalpine regions. Design criteria is to include: a) Satisfy energy requirements, i.e. The amount of energy required will satisfy the needs of a typical mountain hut/lodge including the heating, lighting and cooking. In addition there should be energy available to heat a composting toilet (temperature of the composting chamber must remain above 13°C);(b) performance/reliability in a remote location; and c) Mitigation of technical issues.

Source: Backcountry Energy Environmental Solutions .

Deadline: March 13, 2009

Source: GLOBE Foundation of Canada Internet Website

http://www.globe-net.com/opportunities/listing.cfm?ID_Region=1&ID_Opportunity=4309

Upcoming Conferences/Events/Trade Show

Local

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

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

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

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](#)

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