



WADE Canada Autumn News

September 17, 2009

Feature Member - Municipality of Chatham-Kent

WADE Canada welcomes the first municipality to its membership. The Municipality of Chatham-Kent is the twelfth-largest municipality by area in Canada and has a long history in Canada's agricultural and automotive sectors. Increasingly focused on the clean energy sector, they are energetically developing new training and education partnership programs to support capacity growth in this sector. To its advantage, the municipality is home for two large energy companies, Union Gas and Spectra Energy. WADE Canada is coordinating DE project development sessions for Chatham-Kent to introduce new investment and project partners to the region.



Examples of its clean energy leadership include:

- 42 installed wind turbines and 165 awaiting approval
- A dry mill continuous ethanol producing plant
- The University of Guelph's new Centre for Agricultural Renewable Energy and Sustainability (CARES), which will focus on bioenergy research and bioeconomy
- 500 acres zoned for solar power projects, with an additional 500 acres in the approval process
- The development of a co-generation project at its Water Pollution Control Plant
- Plans for expansion of Chatham-Kent Energy, of which the Municipality of Chatham-Kent owns 90%

Feature Project - New Energy Corporation Celebrates 1-year of its Hydrokinetic Turbine Feeding Micro-grid in Ruby, Alaska

WADE Canada is pleased to present this month's feature project from the New Energy Corporation, based in Calgary. The company has developed an innovative boat-mounted hydrokinetic turbine that uses tidal and river inflow currents to produce electricity. Their EnCurrent Power Generation System has been successfully running for one year in Ruby, Alaska, producing 5kW of electricity flow into the micro-grid. This represents the first hydrokinetic implementation in Alaska, an area that has been highlighted as having large hydrokinetic potential due to the high energy costs and abundant river and tidal resources. The turbines have an extremely small environmental footprint and eliminate fish impact for hydroelectric power generation.



After researching all of the hydrokinetic units being promoted, Jim Norman, owner of Alaskan Battery Supply, commented that "The New Energy turbine was the only turbine that had been developed as a complete water-to-wire unit and brought to the point that functioning units could be purchased and installed. Other turbines were still in either design or prototype stages".

For more information on NEC's new Power Generation System, please visit: http://wadecanada.ca/documents/ruby_alaska.html

WADE Canada Director and Treasurer Brent Harris Makes Calgary News

Brent Harris is the vice-president and co-founder of Sustainable Energy Technologies, a Calgary based company that manufactures and distributes a proprietary power inverter platform that has been designed to improve the cost competitiveness of solar electricity in rooftop and building integrated applications. Brent was the focus of a new story along with bioresources engineer Nattalia Lea. The two energy professionals actively promote sustainable development in Calgary. Nattalia founded a networking website called Sustainable Industrial Development for the 21st Century (www.sid21c.com). The website and Forum for a Sustainable Future, hopes to connect the many bright innovators of Calgary's energy sector in finding solutions to implement sustainable development in the everyday operations of businesses. Brent joined sid21c to support the efforts and to help raise awareness of issues like renewable energy in Calgary. For the full article from the Calgary Herald visit: <http://www.wadecanada.ca/indexdemo.html>

WADE Canada Bids Farewell to Kelsey Chegus

WADE Canada would like to take the opportunity to thank Kelsey Chegus, for one year of support as Program Coordinator. Kelsey was a project manager for WADE Canada's inaugural business directory. We would like to wish her great success in her new position as Community Energy Planning Coordinator/ Jr. Energy Management Specialist with the Arctic Energy Alliance based in Yellowknife, Northwest Territories.

WADE Canada President Anouk Kendall Attended RETScreen® Training of Trainers Workshop at York University September 2-3, 2009



The workshop was held to train 35 university and college professors as well as professionals from industry, government and NGOs who already have extensive experience in clean energy training.

"RETScreen® Version 4 is the most powerful and user friendly decision support tool the decentralized energy industry has seen. I am amazed at the progress made since I first attended a training session in 2004" Ms. Kendall said. It is Canada's first successful energy project analysis software tool used to evaluate the energy production and savings, costs, emission reductions, financial viability and risk for various types of Renewable-energy and Energy-efficient Technologies (RETs). There are over 200,000 users in over 200 countries. "WADE Canada has integrated RETScreen® into its soon to be launched Training to Employment program" said Ms. Kendall.

For more information, please visit the RETScreen® International website at <http://www.retscreen.net/ang/home.php>

WADE Canada Officially Welcomes Vice President, Geraldine Byrne

Geraldine has more than 15 years of demonstrated leadership experience in energy efficient and renewable energy systems implementation. She also directed the daily operations of a start-up distributed energy company that specialized in microturbine-based combined heat and power systems. She was the Vice President of Suncurrent Industries where she negotiated distributor agreements with Canadian alternative energy companies for Latin America and Europe (micro cogeneration, PV, micro hydro, wind generators, wind powered water pumps). Geraldine also brings significant technology transfer experience. She developed and managed a four-year bilateral technology transfer project and capacity building initiative with the Canadian International Development Agency and the Government of Cuba. The focus of the project was the transfer of 25 Canadian wind powered water pumps in 25 rural communities and a hybrid installation of wind and solar energy to power an environmental centre on a remote coastal key in Cuba.



We are also happy to have gained Geraldine's training program development experience. One example of this experience is her leadership role in the design, development and delivery of the first two-year Northern Land Management diploma program for the Sahtu Dene, and the Inuvialuit delivered at Olds College, Olds, Alberta.

Geraldine Byrne is a welcome addition to WADE Canada's management team.

Welcome Lakeland College and Canadian Gas Association

Lakeland College

We are pleased to welcome Lakeland College and the Canadian Gas Association as new members of WADE Canada.

Lakeland College is a public college with campuses in Lloydminster and Vermilion and serves communities in Alberta and Saskatchewan. Lakeland College's Environmental Sciences program include a Renewable Energy and Conservation program, providing students with the knowledge needed to: install and maintain common renewable energy systems such as solar and geothermal, increase energy efficiency through conservation and building construction practice and for waste reduction.



Canadian Gas Association (CGA)

The Canadian Gas Association (CGA) acts on behalf of its members to advance policy positions on national issues of relevance to natural gas. The Association is made up of over 125 companies, organizations and individuals who are involved in the delivery of natural gas in Canada and the United States. CGA members are local gas distribution companies from coast to coast, transmission companies, related equipment manufacturers, and other service providers. Together, CGA members combine to deliver safe, reliable and environmentally preferred natural gas to more than 5 million customers in Canada and to major markets in the United States.



Just some of the areas where WADE Canada and CGA can work together include:

- Developing capacity for residential CHP
- Developing capacity for trigeneration
- Policy positions related to natural gas
- Energy recovery at gas compressor sites

To learn more about CGA visit www.cga.ca

COMING SOON! WADE Canada Business Plan 2010

WADE Canada is making the final changes to its draft Business Plan. On September 21, Members of WADE Canada will be sent the business plan for final review and feedback. If you have not yet renewed your membership visit our website to [complete our application form on-line](#) or to download the application form.

National Forum on Management

September 29th to October 2nd, 2009
Montreal, Quebec

HEC Montréal, the Social Sciences and Humanities Research Council (SSHRC), and the Canadian Federation of Business School Deans (CFBSD) invite you to attend the National Forum on Management, which will take place from **September 29th to October 2nd, 2009**, in Montreal.

The [program](#) of this multidisciplinary and multisectoral event includes 34 thematic workshops and 7 special conferences. Over 70 speakers -- researchers and practitioners -- will take part in this event and provide a better understanding of the contribution of management and its related disciplines to Canada's competitive advantages.

A session dedicated to [Energy and the Environment](#) will take place on Thursday October 1st. This session will address the state of research and practice in energy and the environment and the challenges that lay ahead.

Invitation to Nominate Candidates for the Probyn Prize

The Probyn Prize Selection Committee is pleased to invite nominations of deserving individuals to receive the first "Stephen Probyn Prize for Innovation in Energy" from the electricity industry and the public. This is an important opportunity to highlight outstanding accomplishments in the sustainable energy field and to draw attention to the value such work holds for future generations.

Stephen Probyn was a pioneer in the field of renewable energy and power project finance. Following his passing in 2008, the Probyn Prize was established in his honour to commemorate his work and to focus attention on the important principles he stood for.

Please send all nominations in confidence, along with supporting background information including full contact information and substantiation of the candidate's achievements, to the address below. The deadline is October 15, 2009.

Completed nomination forms and supporting documentation may be sent to the following:

Jake Brooks, Secretary
Probyn Prize Selection Committee
c/o APPrO
25 Adelaide St. East, Suite 1602
Toronto, Ontario M5C 3A1.

We are gearing up for a busy and exciting winter in the DE industry! WADE Canada will keep you posted of news and announcements as they happen!

Anouk Kendall

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