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Ottawa Congress Centre
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Canada's Top Bioproduct, Energy & Environmental Technology Companies Competition 2006/2007 Finalists



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"I am impressed with the caliber of the submissions for this competition and we believe that Bioproducts, Energy and Environmental Technology Companies are a very promising area for investment."

John Richardson, Chief Executive Officer, President and a founder, B.E.S.T. Funds (Competition Juror)

Finalists



Ecovu Analytics (Ottawa, ON)

www.ecovuanalytics.com

Timely Assurance of Water Quality: EcoVu interprets and remediates significant contaminants in water and other aqueous liquids at a cost and accuracy presently not available from other companies.

EcoVu provides a broadband, platform technology to remove dilute hydrophobic chemical (organic or metal) contaminants and micro-organisms from source and industrial waters onto a proprietary trapping medium.

This technology can enable rapid, cost effective and reliable determination of water contents and quality of all natural source or industrial waters. Detection of trace levels of contaminants can be assured by sampling sufficient volumes of water through a small volume

of trapping medium on-site without the need for any wet chemistry.

The EcoVu medium is specifically designed to target contaminants not efficiently removed by filtration and osmosis systems. As such, when applied in larger quantities the trapping medium can be used in a remediation system to significantly enhance purification of high value waters.

*"We're extremely pleased that some of the most distinguished people in North America have recognized the significant challenges of safely managing and maintaining water quality for consumption and industrial purposes," said **Ray Novokowsky, President & CEO, EcoVu Analytics.** "We are also encouraged that EcoVu's ability to dramatically advance the art and science of water management has been recognized by the Canada's Top Bioproduct, Energy & Environmental Technology competition jury."*



Paradigm Environmental Technologies, Inc (Vancouver, BC)

www.paradigmenvironmental.com

Paradigm Environmental Technologies Inc. is a private company located in Vancouver, B.C. incorporated on August 11, 1999, that currently employs 12 full time staff.

Paradigm has developed MicroSludge™, a patented technology for wastewater treatment plants (WWTPs). MicroSludge uses extra-ordinary high pressure to accelerate sewage sludge to the speed of sound and to smash the microbial bacteria in the sludge.

MicroSludge greatly improves the performance of anaerobic digesters by allowing them to efficiently convert pathogenic waste sludge into biogas energy. This reduces a plant's operating costs, destroys pathogens, alleviates odours, and reduces greenhouse gas emissions.

No other commercially available or emerging technology is able to match the performance of MicroSludge. The enormous technical advantage of MicroSludge results in corresponding benefits to the environment, to public health, and to the public purse. MicroSludge is one of those rare innovations that simultaneously provides huge economic and environmental benefits.

*"We are delighted to have been nominated as one of finalists for Canada's Top Bioproduct, Energy & Environmental companies for 2006-2007. These are exciting times for Paradigm, as our MicroSludge waste-to-energy technology is poised for market adoption in North America, Asia and Europe. We are also proud that MicroSludge has the potential to play a significant role in reducing greenhouse gas emissions globally," states **Gordon Skene, President, Paradigm Environmental Technologies, Inc.***



Sunarc of Canada Inc. (Montreal, QC)

www.sunarc.ca

Sunarc's proprietary liquid foam technology substantially reduces energy costs and improves the climatic performance of transparent structures. Sunarc has developed a new and innovative, sustainable, controllable, on-demand insulation and shade system. The first application is designed for commercial greenhouse operations that grow crop in double-layer air inflated polyethylene greenhouses.

Sunarc's Liquid Foam On-Demand Insulation and Shading System enables commercial greenhouse growers to gain greater control of their environment; dramatically lowering energy costs and improving crop yield and quality. Independent testing over a two year period demonstrated greater than 50% energy savings, and more than 15% in crop yield

improvement.

Sunarc's liquid foam technology will significantly enhance the performance of the greenhouse industry worldwide. Growers can now choose to locate closer to large markets, reducing time and cost to market, delivering fresher produce to consumers at lower prices. Sunarc's revolutionary technology is unique and patented.

*"Sunarc is honoured to have been selected as Canada's Top Bioproduct, Energy & Environmental Technology solution for 2006-2007. We are truly proud of our company's selection considering the many outstanding entries to the competition," said **Len April, President & CEO, Sunarc of Canada Inc.** "Winning this prestigious award will help promote Sunarc's mission to save significant energy costs for translucent structures, with initial focus on the commercial greenhouse market."*

[Click here](#) to view the jury profiles.

