

MISTIC 2nd Annual Science, Technology & Innovation Awards

Leadership in Technology ASTTBC Award Category

Winner – Regional District of Nanaimo - Solid Waste Department Landfill Gas Collection & Utilization.

The RDN has introduced several innovative technologies to collect and eventually utilize landfill gas (LFG) emissions at the Regional Landfill. In 2001, with the help of a \$30,000 grant from the Federation of Canadian Municipalities (FCM) Green Municipal Fund the RDN completed a study to assess opportunities to collect and utilize LFG. This study identified electricity generation and use of LFG as low-grade fuel as potential options.

In 2003, the RDN received a \$500,000 conditional grant from the FCM to expand the collection system. In a highly innovative financing structure the RDN surrendered the gas rights from the project to FCM until the grant funds have been recovered by FCM from the sale of emission credits. At that point, ownership of the credits, which were subsequently sold to EPCOR, reverts to the regional district.

In 2005 the RDN entered into an agreement with Cedar Road LFG Inc., to construct a facility on the RDN Landfill to demonstrate the commercial viability of operating external combustion engines to generate electricity using LFG. This \$3 million project will produce 1.5 MW of green electrical power, sufficient to supply 1,200 homes. <http://www.rdn.bc.ca>

Advanced Manufacturing Award Category

Winner - CAMTECH Industries Ltd.

(CAMTECH) is seven-year-old organization, incorporated on May 3rd, 2001, in the Provincial of British Columbia, and is involved in the design and manufacture of technology based aircraft training simulators and trainers.

On September 21, 2006, CAMTECH established a “state of the art” manufacturing Plant in Parksville’s Industrial Park, featuring all the latest of in machining and manufacturing equipment.

Our **President, CHARLES ROBINSON**, a retired military officer/ with a background in Aviation, Flight Safety and a former Corporate Lawyer and his wife, Jean... spend much time with their son Chris, grooming him to continue this legacy. Derek Robinson, the eldest son, fills the role of Consultant as time permits. <http://www.camtechindustries.ca>

Aquaculture Fin Fish Award Category

Winner - Creative Salmon Ltd.

Creative Salmon Co. is a world leader in the sustainable production of high quality Chinook salmon with 17 years farming experience.

Our fish are naturally raised in the clean cold waters of Clayoquot Sound, within the traditional territory of the Tla-o-qui-aht First Nations.

As a founding member of the Pacific Organic Seafood Association we raise our market fish according to recognized organic standards. This means, indigenous species only, no antibiotics, no sea lice treatments, routine fallowing of farm sites, high quality feed ingredients, and low density rearing.

Our goal is to provide our customers with the high quality heart health salmon, while at the same time leaving the smallest environmental footprint possible. <http://www.creativesalmon.com>

Aquaculture – Shellfish Award Category

Winner - Odyssey Shellfish

Keith Reid started Odyssey Shellfish sixteen years ago and now employs 25 people. He has been the President of the BC Shellfish Growers Association for over ten years. Keith designed the raft systems, High Flow trays, and other innovations currently used by much of the shellfish industry. Keith designed and built the first FLUPSY system used in BC. He initiated many of the carrying capacity studies done on the coast and was involved in water quality initiatives.

<http://www.bluevolution.ca>

Engineering – Mechanical/Electrical Award Category

Winner - Burchett Marine Inc.

Ron has worked in the maritime industry for over 35 years and has seen many changes in the business. He believes the last five years has seen the beginnings of a 30 year tug fleet renewal. Ron has been working on the technology side of the industry to bring forward improvements in tug design, scale model testing and training, to provide a test bed for new ideas and methods of tug operation, working with well known members of the tugboat industry world wide including Foss and Crowley of Seattle, Adsteam of Australia, Seaspan of Vancouver, and The Port Revel training center of France.

Ron also works with naval architects to create new tug designs and refine existing ones resulting in technical advancement for the tugs of tomorrow.

Survivor Award - Wellington Foundry Ltd.

Wellington Foundry, located in the Parksville Industrial Park, started in 1953 as a small iron foundry and in the 54 years since has expanded to meet demand from the global market. We have a diverse portfolio, manufacturing products for the forest, electrical, marine, and lighting industries.

In addition to be the leading supplier of timber marking hammers and commemorative plaques in BC, the company has become a recognized manufacturer of municipal street and decorative “themed” outdoor lighting standards and fixtures.

The company has acquired the latest technologies to improve our product line. These improvements include the installation of a computerized 3-axis C & C router and development of innovative, modular component designs for our line of themed outdoor lighting products. With our pattern making facilities, we can take projects from prototyping to mass production.

<http://www.wellingtonfoundry.com>

Engineering – Architectural Design Award Category

Winner - Read Jones Christoffersen

Read Jones Christoffersen has been designing structures that shape city skylines, change the landscape, or preserve history, for over 55 years.

As one of Canada's largest structural engineering firms we offer our clients the depth and resources of a national organization. The primary focus of the Nanaimo office is on the Building Science aspects of new buildings and on the Restoration/Renewal of existing buildings.

From the investigation and restoration of historic buildings to the design of new, state-of-the-art cladding systems, our building science specialists are continually developing innovative and cost-effective solutions to meet our clients' needs.

RJC's retrofit services focus on the investigation and restoration of building envelopes, facades and historic buildings. They also devise repair and maintenance strategies for existing buildings that incorporate the client's needs.

In new construction, as members of the design team during the conceptual phase, they provide technical input to achieve an effective building envelope. During construction, they offer technical assistance for the successful completion of the project. <http://www.rjc.ca/cms>

Environmental Technologies Award Category

Winner - Coastal Hydropower Corporation

Coastal Hydropower is a Nanaimo based company that was established to develop and operate open-flow water turbine technologies for the production and sale of electricity from ocean and river currents. This is a new industry that is evolving on a global basis similar to what has taken place in the wind turbine industry.

These non-polluting technologies utilize renewable and predicable sources of energy, have extremely low environmental impact and cause virtually no disruption to the visual impact of a site or to navigation channels.

Coastal has engaged the services of scientists from North America, Australia and Europe in the development of our company and chose Vancouver Island as home because of its proximity to extremes in both tidal and river environments.

The high density of water (835 times more than air) means that water turbines can be much smaller and cheaper to build compared to wind turbines. The leading edge technologies being developed by Coastal are easily scalable from single installations to large-scale facilities tied into the power grid. <http://www.coastalhydropower.com>

Food & Beverage Award Category

Winner – Fat Cat Brewery Ltd.

Bunny Goodman, owner operator of Fat Cat Brewery Ltd. along with her husband Rob Haseloh has been successfully managing this local business for 8 years. Over the years Bunny has thought of and used a few innovative ideas in order to thrust the brewery forward. Such ideas as the use of a beer container called a Party Pig. Now that Fat Cat is bottling beer, the Party pig system has been sold to a local Ubrew. Another idea was the selling of freshly brewed wort kits to home brewers. Fat Cat Brewery was the first commercial brewery in Canada to do this. Fat Cat Brewery looks to the future with excitement as we start to export our naturally brewed beer to the US. <http://www.fatcatbrewery.com>

Health and Science Award Category

Winner – Hazelwood Herb Farm

Started in 1987 Hazelwood Herb Farm has come a long way from very humble beginnings. Originally it offered only a small selection of herb plants sold from benches in the house driveway. Now in its 21st year the business includes large display and working gardens, a selection of 450 varieties of herb plants in the nursery and approximately 250 products in the Herbal Heaven Gift Shop at the farm location on Adshead Road in Ladysmith. They include bath, cosmetic, medicinal and culinary items. All of the products are created and made on site, something that the owners Jacynthe Dugas and Richard White are very proud of. <http://www.hazelwoodherbfarm.com>

Information Technologies Software Development Award Category

Winner – Pelican Software (BC) Inc.

Pelican Software (BC) Inc has developed software and is growing in 2 diverse niche markets including digital photo publishing and pipe yard inventory management. This success builds on a 20+ year history of software development and consultation services led by the founders Robert and Patricia Snowie. The team at Pelican is committed to the vision of "quality product, quality people, and quality partnerships" <http://www.pelsoft.com/pelicansoftware>

Information Technologies Support Services Award Category

Winner – Signature Computers Services Ltd.

Signature Computers and Networking Solutions has been serving the mid-Island Region since 1989. Our expertise is supporting businesses through the changing world of technology.

We use a friendly, responsive customer approach when providing technology support and work hard to minimize disruptions to productivity within your environment while providing fast and reliable server recovery for your organization. The Signature philosophy is based on the belief of total solution. We see our clients as part of our team and provide consultation process that focuses on listening to client needs, concerns and goals.

Signature uses our expertise, knowledge and experience to address your needs and concerns and formulates a plan that works for you and achieves your goals. Customer satisfaction is our number one priority.

Signature Computers and Networking Solutions, working with people who work with computers. <http://www.sigserv.bc.ca>

New Media Award Category

Winner – Westcoaster.ca

The Westcoaster.ca is Keven Drews, left, founder, publisher editor and co-owner, and Lloyd Samson, webmaster and co-owner. The website – locally and independently owned – was founded in October 2005 by Drews to provide free, online daily news service to the West Coast communities of Tofino, Ucluelet and Area C, Long Beach. This October, it officially expanded into the Alberni Valley by hiring Karen Boden, a journalist with 17 years of experience. The Westcoaster.ca has broken some big stories, including the 2006 Tofino water crisis and it regularly supplies stories to Canada's national wire service, the Canadian Press. In September, the Westcoaster.ca broke a readership record by drawing 18,312 unique IP addresses 3,056,555 page views and 4,003,481 hits. A former forest industry worker from 1973 to 1991, Samson retrained himself in computers and web design, learning basic HTML first before moving onto content management systems. Lloyd has been working on the westcoaster.ca full time for the past year and one half. Drews has worked for the Westerly News, Alberni Valley Times, Nanaimo Daily News and the Peninsula Daily News in Port Angeles, Wash. His work has appeared in newspapers across Canada, including the National Post and the Globe and Mail. <http://www.westcoaster.ca>

Value Added Products Award Category

Winner – Woodland Flooring

The Woodland Flooring Company is owned and operated by Steve and Teresa Roscoe of Comox B.C. and began its life in 1998 with a goal to manufacture Wood Flooring from underutilized and sustainable harvested BC Woods.

Through the past 9 years, we overcame many technical challenges of manufacturing by implementing, designing and building much of our own equipment to facilitate our size, wood species and types of finishes we offer our clients. Woodland Flooring now incorporates computerized kiln drying, laser ground tooling, non toxic adhesives and Ultra-Violet light curing of advanced zero VOC Oil and Wax finishes produced in Germany from naturally re-grown vegetation.

Solid and Engineered floors are both processed in our Comox Facility where our focus is on making wide plank floors from B.C. Woods, such as Douglas Fir, Beetle Killed Pine, Red Alder and Pacific Maple.

Woodland Flooring is now certified as a chain-of-custody manufacturer by The Forestry Stewardship Council and produces over 20% of its Flooring as Eco Certified and much of it from Vancouver Island. Now approaching 10 years of business and the magic 1 million per year in sales, our products span homes across Canada and the USA. <http://www.woodlandflooring.com>

We believe much of our success is due to support of locally made products from environmentally friendly sources. With economic returns to the community of 1500% higher than log sales, we are proving over and over that there is a market for quality made wood products from B.C. woods, despite the echoes of our dying forest industry.