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Canada's
Technology
Triangle



The Corporation
of the City
of Cambridge
www.cambridge.ca

Solar Energy's Bright Lights

October, 2010

ATS Sets Its Sights on Solar Leadership with Photowatt Ontario



With over one million square feet of manufacturing facilities and more than 900 employees located in Southwestern Ontario, ATS is one of this region's best recognized and largest companies, world-regarded for its automated manufacturing assembly systems and large project management expertise. The company serves a wide range of global markets with its products, services and expertise, including the solar energy market.

Through its Photowatt Ontario subsidiary, ATS is in the process of establishing a leadership position in the Ontario solar market. The company has begun producing solar modules in Cambridge on a new 100MW line and is actively developing solar projects in the province, including 64 MW of large ground mount projects.

ATS first began building automated systems for the solar market in the early 1990s—a segment of the company's business that continues to grow and prosper today. In 1997, ATS then

acquired the France-based Photowatt Group, a company devoted to research, development and manufacturing of photovoltaic (PV) cells, or solar cells, and modules which are used to capture energy from the sun. In the solar market since 1979, Photowatt is one of the most experienced solar manufacturers in the world, producing more than 3 million solar modules for sale worldwide, serving residential and commercial markets as well as large-scale solar farms.

In October 2009, ATS announced plans to lever its global solar expertise and Ontario presence to advance the Ontario market in response to the Ontario Government's Green Energy Act, legislation designed to make the province a leader in alternative energy. The Act introduced Feed-In Tariffs and domestic content rules to encourage Ontario business investment in green energy, and provided ATS with further impetus to invest more deeply in its solar strategy here at home.

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ATS announced in December 2009 a plan to establish Photowatt Ontario to develop solar projects for the Ontario market and a detailed plan to:

- Offer complete solutions for installers and developers of solar projects including modules, balance of system, technical support, project management, financing and site maintenance;
- Build Photowatt modules at ATS's Cambridge facilities; and
- Designate a 'green wing' on its Cambridge campus where other companies with green products and business strategies seeking to tap into the Ontario market can co-locate and co-operate.

"Demand for solar energy is rapidly developing in Ontario and we recognized quickly that ATS has a very real opportunity to take a leadership role," says Anthony Caputo, ATS CEO. "Our solar strategy gives our business an ideal opportunity to combine Photowatt's extensive solar industry experience and established track record in solar manufacturing with ATS's many years of technical, manufacturing and managerial expertise in integrated project development and installation. Together, Photowatt and ATS can provide turnkey solar installations in Ontario including module supply, project development and installation.

One year later, and ATS's Photowatt business is unfolding to plan. The first solar modules incorporating cells from Photowatt and others are now being produced on the current 100 MW module manufacturing line in Cambridge. Production volumes are expected to expand quickly as demand grows from Photowatt's own client base and that of other solar partners. (Pictured below: PWO Module)



Chris Waters, a seasoned solar executive, recently joined Photowatt Ontario as Vice President and General Manager. "It is a very exciting time for the company. In the very near future, we'll have realized our first goals surrounding solar module production here in Ontario," says Waters. "Ramping manufacturing capacity will allow us to meet our own current pipeline of business. And as additional direct customer and partnership demand grows, production can be increased very quickly thanks to ATS's core strengths in manufacturing automation. We can see demand looming on the horizon."

In April 2010, Photowatt Ontario announced that it had been notified by the Ontario Power Authority that a number of Ontario Feed-In-Tariff ('FIT') applications forming the company's solar development pipeline had been approved. These approvals, representing 64 megawatts, are tied to seven large-scale renewable energy projects including plans for solar farms in Northern Ontario being developed by Photowatt in a joint venture with Q-cells, an experienced solar project developer and cell provider.

In addition to its participation in various FIT projects, Photowatt Ontario is also actively pursuing partnerships with developers/ building owners/operators for roof-top solar installations. These projects have shorter lead times and present fewer development considerations than solar farms and can be up and running in three to five months.

As a final component of its strategy, ATS has established a Green Wing on its Cambridge campus and is inviting like-minded companies seeking to advance green business ideas, technologies and capacity to co-operate and co-locate there.

"We're building a strong solar community in Ontario. We're eager to let industry, entrepreneurs and the public know that ATS and Photowatt Ontario are here, we're green, and we're growing," says ATS CEO Anthony Caputo. "We're actively supplying solar customers. We have established our Green Wing for companies seeking to do business in Ontario, and we're open to partnerships with municipalities and industry to transform rooftops into solar installations. And through this integrated strategy, we're going to take a strong leadership role in advancing a greener Ontario."

Solar Venture - A Natural Next Direction for Canadian General-Tower



Rick Williams, Director,
CGT Solar Division

Reinvention is the mother of manufacturing necessity. Those manufacturers that consistently and constantly seek new markets and opportunities to diversify, typically find themselves capable of weathering economic downturns and able to adapt as times and circumstances.

One of Cambridge's oldest operating manufacturers, Canadian General-Tower (CGT) has spent its entire history adapting to change in order to survive, grow and thrive. Now in 2010, the company finds itself at the headwaters of its latest business opportunity - a new venture into the solar energy marketplace.

Founded in 1946, CGT is a leading provider of coated fabrics and films; formulating, calendaring, printing, embossing and laminating thermoplastic sheeting to produce a wide variety of products from instrument panels, soft touch panels and seating material for the North American automotive sector, through to pool and pond liners, decking materials and roofing membranes for the industrial marketplace.

Constant innovation coupled with a willingness to adapt to changing market conditions has been the key to CGT's success and longevity. The company prioritizes research and development, employing its own research team in-house and actively partners with leading universities to remain on the cutting edge.

In recent years, much of CGT's R&D efforts have been directed toward green initiatives. In conjunction with the Ontario BioAuto Council, CGT created Vehreo, a green material manufactured from recycled pop bottles and vinyl for automotive interior use that incorporates biological ingredients including soybean oil, castor bean oil, corn and soy proteins. In 1980, very early days in terms of Green manufacturing initiatives, CGT began producing thermoplastic 'cool roof' material for the industrial market. The three-ply lightweight and impervious roofing material, again made partially of recycled materials has a black underside, an inner polyester layer for strength, and is topped with a reflective white vinyl layer. The white upper coating gives the roof its reflective quality, bouncing sunlight off flat-roofed buildings and allowing building owners and operators to better manage heat load and

enable ambient cooling of interiors through lower roof temperatures. The US Building Council's Leadership in Energy and Environmental Design (LEED) provides voluntary guidelines and certification programs for 'cool roofing', making use of this material highly attractive in green building design.

CGT's venture into the solar energy market was a natural progression from its focus on green manufacturing and its 'cool roof' efforts, explains Rick Chaplin, vice president of operations for CGT industrial. "The major impetus for the business to double down on its solar efforts came as a result of Ontario's Green Energy Act, passed into law in 2009. This provincial initiative is designed to make Ontario a global leader in clean, renewable energy, and provides very attractive incentives to businesses to adopt green measures, including the transformation of industrial flat roofs into solar installations. The Ontario Green Energy Act opened the door for us to seriously explore the solar marketplace as the next step in our green business strategy. It created new levels of demand from our customers who were eager to see CGT expand its roofing business with specific offerings tailored for solar installations."

In June of 2010, CGT formed its new solar division under Rick Chaplin and appointed Rick Williams, former head of operations for its Cambridge and Ohio plants to lead the group. Williams will work closely with Chaplin to realize and expand on CGT's green strategy.

In just a short two months under William's enthusiastic command, the business has already gained significant traction in the solar field. CGT is now actively working with two individual solar partners, Xunlight and Solyndra to further advance and add value to its offerings in the solar energy marketplace. The first initiative will integrate Xunlight's lightweight thin-film photovoltaic panels into CGT's cool roof product and is designed for industrial customers in southern climates, and for lightweight sloped roofs in the Ontario market. A second alliance with a California solar panel manufacturer Solyndra will see CGT's cool roof become the foundation for the company's raised panels, which have an innovative cylindrical design suited for northern climates. The cool roof's white surface would capture solar reflections, and in turn the solar panels provide shade over the cool roof further adding to its cooling potential.

"We're incredibly excited about the opportunities solar energy represents for our business," says Rick Williams, Director of CGT's solar division. "We're aggressively moving forward in this market to apply our existing manufacturing methods and recycled materials to serve our customers with new and innovative Green products. It's a very exciting time here at CGT. The opportunities are really limitless."

Preformed Line Products Canada Expands Into Solar Energy



Solar Panel mounted on single pole in front of PLP's facility on Bishop Street

The power generation industry in the province of Ontario is growing and changing like never before. As the Green Energy Act forms the landscape for the future of the energy market in this province, the new Feed-in Tariff program is having an immediate impact on the manufacturing community. The boom in the installation of renewable energy systems in general, and photovoltaic systems in specific, has created a high demand for domestically-compliant products to satisfy the needs of the FIT program. Preformed Line Products (PLP) Canada is a part of that chain of supply and is excited for the continued growth in the industry.

Located in Cambridge, Ontario, PLP Canada was established in 1985 as a manufacturer of products and systems for the construction and maintenance of overhead and underground networks for the energy and communications industries. They have been a leader in the transmission, distribution and communication industries, serving the telco and hydro companies all across Canada. When the PLP Corporation acquired Direct Power & Water (DP&W) of New Mexico in 2007, PLP Solar was born and PLP Canada became the domestic source for a family of reliable, engineered solar panel mounting solutions, known in the industry as Power-Fab™ products. These products are designed to meet the needs of any solar installation ranging from individual panels mounted on single poles to multi-megawatt solar farms. DP&W has over 15 years of experience designing turnkey photovoltaic systems for the residential, commercial and industrial applications. Their team of experienced staff has been working closely with the PLP family of companies to establish the global availability of these products.

During the final years of the RESOP program PLP Solar was successful in marketing a variety of pole-mounted systems for residential use and also ballasted rooftop systems for customers such as TD Bank and Hydro One. With the launch

of the OPA's FIT program PLP has seen the industry grow in every direction. Customers looking to benefit from the high rate of return of the microFIT program have installed a variety of systems using PLP's products. These systems range from single and multi-pole ground mounted systems to flush-mounted rooftop installations. Other customers pursuing contracts under the FIT portion of the program have worked with PLP's team to design, develop and install custom solutions in many different environments. Most recently a 180kW system has been installed on several adjacent Region of Waterloo maintenance buildings. This flush-mounted system holds over 800 panels and uses the custom designed Power Rail™ extrusion.



A 250kw rooftop installation on PLP's building

In addition to working with their customers PLP Solar has managed the installation of a 250kW system on their own factory roof. Working with Fitzpatrick Electrical Contractors from Ajax, the array was installed during the latter part of the summer and will be connected to the grid in October. The ballasted array holds 1170 panels and fills most of the plant's 65,000 square foot roof. The racking design allows the flexibility to work around the many rooftop obstructions, which would interfere and cast shadows on the solar panels. By managing the project themselves the company has gained firsthand knowledge of the different challenges facing solar customers in today's market including the intricacies of the OPA, Electrical Safety Association and local utilities' requirements. The company expects the newly-completed installation to be not only an investment in energy production but also a flagship of the PLP Solar product line.

As the photovoltaic market in Ontario continues to take shape, PLP Solar is in a position to grow with their customers. Their long history of domestic success in related industries, coupled with the offering of an established high-quality solar product line, makes PLP Solar an ideal partner, one that can provide experience and stability in this developing industry.



Solar Creates New Business Opportunity for Process Group and Jobs for Cambridge



John Milligan and
Mike Wood,
Process Group

The Ontario Green Energy Act, one of the most progressive green energy initiatives in existence today, was designed to propel Ontario into a world leadership in renewable energy. Following in the footsteps of countries such as Germany, who have launched similar economic stimulation programs to create a green-focused industrial sector and stimulate job creation, Ontario's legislation provides government stimulus to businesses to embrace energy conservation measures and launch new green business ventures. Key to the program is its 'made in Ontario' requirement, which has driven manufacturers of green products and technologies to seek an Ontario base of operation, creating a new Ontario-based supply chain of energy developers, manufacturers, and other suppliers.

It was a customer's need for that important Ontario manufacturing base that provided Cambridge's Process Group with its first solar-related business opportunity.

Process Group, an international supplier of engineering, construction and maintenance services to manufacturers, process equipment vendors, engineering firms and industrial design builders, traditionally has served customers such as automotive OEMs. But now, thanks to the Ontario content requirement in renewable energy projects, Process Group is welcoming new customers from the solar energy sector, specifically within its engineering and design, and control panel construction divisions.

"Our foray into solar began early this year when we received a call from Sustainable Energy Technologies, a Calgary-based manufacturer of solar inverters. The company traditionally was manufacturing its Sunenergy inverters in China, but due to Ontario content requirements, needed to bring their manufacturing efforts back onto Canadian soil," explains John Milligan, general manager of the control panel construction division. "Our control panel construction division's core business surrounds the production of electrical control panels of all forms, shapes and sizes, so we were confident we could handle the work. Sustainable Energy provided us with a sample of the inverter; we submitted a quote; and in short order won the business to assemble 500 units."



The business agreement with Sustainable Energy was a timely one, arriving just as John's team settled into a new 15,000 square foot facility on Shearson Crescent – a fact John Milligan is convinced helped to clinch the deal. "The customer was very impressed by our expanded facility, which effectively has quadrupled our production capacity. They knew we had the technical ability, but needed to be assured we could take on the work and turn it around on a tight deadline. After touring our facility, they could see how we could expand to establish a specific line devoted to assembly of their inverters. I'm quite certain that was the driving force winning the business."

Milligan estimates that some of Process Group's divisions are seeing up to 7 percent of their business now coming from the renewable energy sector – mostly solar. "Since the Ontario Energy Act passed into legislation, we've absolutely seen a positive impact across our business thanks to the Ontario content requirement. It has brought us new customers we would never have dreamed of calling on in the past – they've simply been coming out of the woodwork. Now, with the Sustainable Energy project under our belts, we're even more attractive as a partner, as we've essentially cut our teeth. We have refined our processes and staffing to meet the specific requirements of a solar project, and can apply that knowledge to future customers."



Milligan's Control Panel team is not the only one at Process Group benefitting from an uptake in business related to solar. Counterpart Mike Wood, head of Process Group's electrical engineering and design division is also seeing a rising tide of business from the renewable energy sector. "Locally, we've collaborated with ATS's Photowatt division and with Energent, a Waterloo-based start-up that gives industrials greater control over their energy use via real-time energy monitoring and analytics. Internationally, we recently finished a design project for a solar company in Germany and have other international projects on the runway," says Wood. "It's tailor-made work for our team of electrical engineers and technologies, and it allows us to build up our expertise in the renewable energy sector."

A key outcome of the Ontario government's Green Energy Act is job creation, and this is certainly the case for the Process Group. Milligan and Wood note that employment in their respective divisions is at an all time high. "Lots of folks are talking about solar. There are lots of announcements being made," says Mike Wood. "But we aren't just talking about it. We have employees who are actively working within the solar supply chain. They are taking home paycheques thanks to solar energy manufacturing."



Centra Benefits from NRC-IRAP Funding

Centra Industries Inc., located in Cambridge, Ontario, is a privately held company established in 1974 which supplies structural, wing, and landing gear components to major commercial aircraft manufacturers in North America and Europe. Some of its customers are Boeing (Canada & US divisions), Spirit Aerospace, Bombardier Aerospace, Mitsubishi Heavy Industries, Goodrich Landing Systems (supplying Airbus) and Cessna Aircraft. Centra operates out of a 131,000 square foot modern manufacturing facility located on Cherry Blossom Road in Cambridge, and employees approximately 285 people, making it one of the top 20 employers in the City of Cambridge.

Centra utilizes 3, 4 and 5-axis high speed precision CNC machines to manufacture its machined components, which require precisely configured cutting tools. The Company was looking at how to not only capture tool data such as tool cutting performance and tool life, but was also considering how that data could be used to improve tool setup speed and accuracy and reduce processing variability, all with the aim of reducing scrap, maximizing tool life and increasing machine utilization. On top of these requirements, the Company wanted to have the ability to design tool sets using tool attributes that were not limited to the pre-defined catalogue approach that is currently available in the marketplace. David McIntyre, President of Centra, noted, "Having the ability to select critical, multi-level tool attributes and letting the software recommend ideal cutting tools for the task, will improve our standardization, reduce variability in tool package designs and, consequently, reduce tooling and scrap costs. Constantly improving our international competitiveness through implementation of innovative ideas like this one, is a key element of our business philosophy."

Recognizing that it needed to create the software program from scratch, Centra approached the National Research Council of Canada Industrial Research Assistance Program (NRC-IRAP) for funding support. The software would provide tangible improvements in tool setup design and production efficiencies, giving Centra a competitive advantage in the marketplace. NRC-IRAP provided financial assistance to Centra to design the program and work began in early 2009. The project is currently underway and Centra aims to have the software functional before the end of this year.



eSentire Benefits from NRC-IRAP Funding

Maintaining a competitive advantage and staying ahead of the curve in the world of information security and network monitoring is no small task. One year ago eSentire received funding for research and development initiatives from the National Research Council of Canada's Industrial Research Assistance Program (NRC-IRAP). "NRC-IRAP supplied eSentire with funding that allowed us to extend the functionality of our systems and tools for security monitoring and assessment," commented Edmund Dengler, CEO of eSentire.

The further development of technologies that perform high speed analysis of network traffic was the project for which eSentire used the NRC-IRAP funding. The research and development effort has allowed eSentire to encapsulate a wide array of new security functionality into one of its existing flagship offerings which allows clients to have a turnkey solution rather than purchasing several separate systems at an exorbitant cost. "What distinguishes us against typical Managed Security Service vendors is our flexibility and ability to customize solutions," says Dengler.

The support provided by NRC-IRAP during a time of tight economic conditions has allowed eSentire to extend their research and development budget and projects longer than originally estimated. The benefits of this program have allowed eSentire to push the boundaries of technology further while at the same time attracting and retaining highly skilled team members. Dengler and his business partner Eldon Sprickerhoff are quickly approaching their 10th year in business having started the company in 2001. Today eSentire is experiencing rapid growth and expansion due in part to programs like NRC-IRAP. "The company's position as it starts its next decade has never been brighter," says Dengler.

About eSentire

eSentire offers practical security strategies to help guard our clients' intellectual property and infrastructure. eSentire performs in-depth vulnerability assessments, infrastructure security reviews, risk analysis, and provide collaborative threat management and incident response services. Clients include financial institutions, healthcare facilities, universities, and manufacturing concerns. eSentire focuses exclusively on security issues on a daily basis and has done so since 2001. eSentire's reliable advice and sound recommendations are the result of careful analysis of the clients' systems in the context of a potentially hostile environment.

Logicap Engineering Corp. Benefits from NRC-IRAP Funding

NeXtreme Automation is a web-based enterprise software platform developed and marketed by Logicap Engineering of Cambridge, Ontario. It automates work performed by engineer-to-order manufacturers to quote, design, and build complex products. Maximizing productivity is essential if Canadian industry expects to thrive as low-cost foreign competition continues to penetrate our markets. (To learn more about NeXtreme technology, see <http://logicap.ca/videos/NeXtreme.shtml>.)

The National Research Council of Canada Industrial Research Assistance Program (NRC-IRAP) recognized the value of Logicap's technology and in 2009 provided the company with support to hire a graduate engineer to work on an innovative research and development (R&D) project. The year-long program was dedicated to automating the process of stamping tool design for G.S. Die & Design Inc. of Mississauga. The engineer developed a sophisticated knowledge base to drive dynamic configuration of customized tooling components. Integrated with a leading computer-aided design (CAD) system, Logicap's new software helps G.S. Die develop its product designs in about half the time compared to traditional methods. (Watch how the company saves time and effort at <http://logicap.ca/videos/Tooling.shtml>.)

While the R&D work supported by NRC-IRAP was underway, Logicap also continued to devote engineering and programming effort to enhance its NeXtreme technology platform. After nearly a decade of development, NeXtreme Automation is a powerful multiuser application that helps manufacturers reduce internal costs and deliver higher quality customized products faster. As a result of the work supported by NRC-IRAP, Logicap now has a new software product to market across North America in a joint venture with G.S. Die & Design.

Other projects completed or underway by Logicap Engineering include; a) development of an automated house framing software system for Habitat for Humanity, b) a sales tool for hydraulic cylinder manufacturers which designs and prices an engineer-to-order product within minutes, and c) automated 3D design for construction of \$multi-million buildings with retractable roofs comprised of aluminum and glass. As noted by Ron McKittrick, a retired Black & Decker Vice President, "Logicap's technology promises to revolutionize North American manufacturing to help keep jobs in Canada – cutting costs is essential for our industries to remain competitive."

Canada's Technology Triangle

Canada's Technology Triangle has been actively advancing the CleanTech cluster over the past year in Waterloo Region with much success. It may come as a surprise to many, but our region stakes claim to the development of Canada's first solar neighbourhood.

Our post secondary institutions continue to lead in the field of research and application of solar technology in North America. The University of Waterloo is a hub for solar research, here are a few of the cutting edge projects:

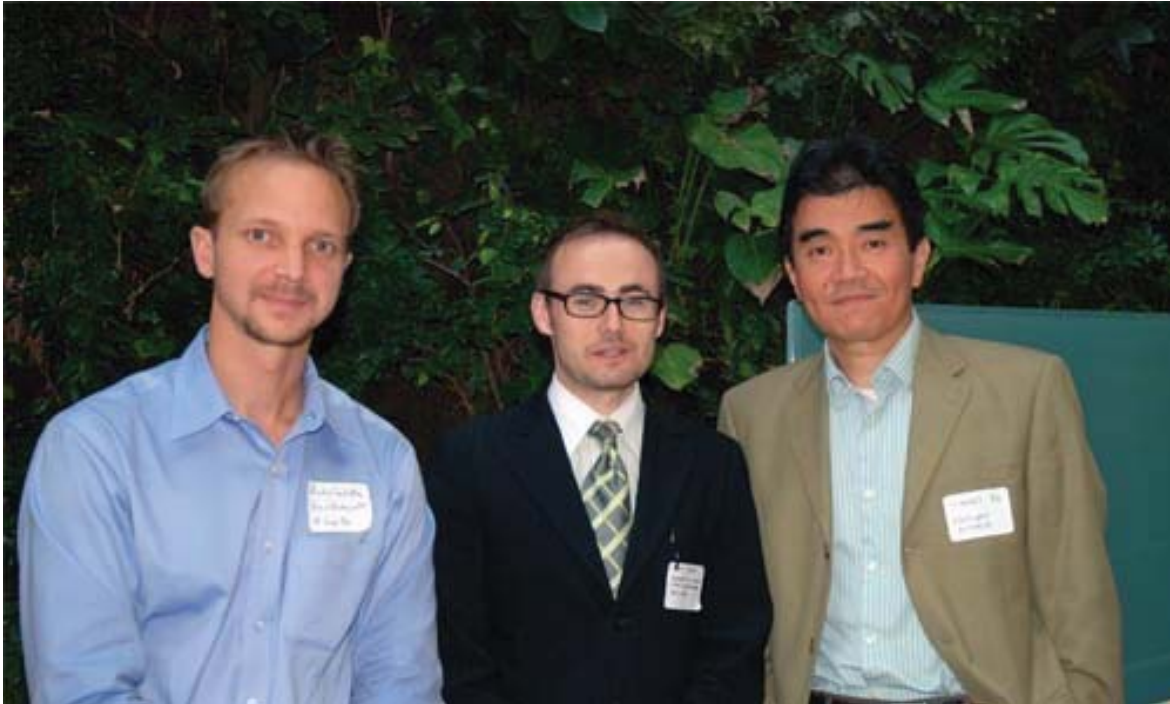
- Centre for Advanced Photovoltaic Devices and Systems (CAPDS) - A world-class R&D facility dedicated to all aspects of photovoltaic offering the most comprehensive solar research centre in Canada focusing on next generation products.
<http://www.nano.uwaterloo.ca/facilities/capds.html>
- Power and Energy Systems Group- Largest in North America <http://www.power.uwaterloo.ca/index.htm>
- Waterloo Institute for Sustainable Energy (WISE) Solar Research <http://www.wise.uwaterloo.ca/what.html>

Conestoga College offers several courses in green technology and is also a leader amongst Canadian colleges. Program information can be further explored via http://www.conestogac.on.ca/ce/catlg/courselist.jsp?CatalogCode=C10_0069.

Canada's Technology Triangle Inc. along with the City of Guelph, Aberfoyle Metal Treathers Ltd., Logikor Inc., Challenger Motor Freight and Koenig and Consultants have wrapped up a very successful mission at HUSUM WindEnergy 2010. The international wind energy trade fair, is the most important meeting place for the industry's actors, movers and shakers for the past 20 years. Over 40,000 stakeholders were in attendance (doubling last year), and CTT secured great meetings with international companies interested in investment opportunities in North America.

Waterloo Region remains an attractive place for wind energy stakeholders supported in part by Ontario's Green Energy Act.

Solar Industry Group Convenes at City Hall



From Left to Right: Martin Cecchetto, ATS Photowatt; Chris Black, UW Cambridge Architecture; and Vincent Ko, Photowatt Ontario

Just over 100 people interested and active in the solar technology sector converged at Cambridge's LEED Gold City Hall on September 22nd to hear from industry leaders and gather information on business opportunities in this emerging sector.

This was the third in a series of Solar Industry Networking Group (SING) meetings spun out from the Manufacturer's Innovation Network (MIN). Representatives who attended the event were from companies well established and already active in the solar market, firms seeking to transition to this emerging sector, and new companies in the solar technology field. As well, there was a host of complementary businesses which offered services to fundamental companies in this sector.

"By the response of the attendees, it was apparent that this was a great venue to discover potential opportunities for linkages amongst companies with convergent goals", said Bo Densmore, Director of Economic Development for the City of Cambridge.

Guest speakers included Martin Cecchetto, VP Corporate Development from ATS Automation and Vincent Ko, VP of

PhotoWatt Ontario (a Subsidiary of ATS Automation). They gave their overview of the emerging solar manufacturing sector in Ontario. In addition, Chris Black from the University of Waterloo School of Architecture presented on the solar technology used in North House which won 4th place in the US Department of Energy Solar Decathlon. This energy producing house was designed and built by Waterloo Architectural Cambridge students in partnership with Simon Fraser University and Ryerson University students, with funding assistance from businesses and private donations. The house itself is a marvel of design and technology that ultimately produces enough energy to cover all its energy needs, with excess energy generation capacity that could be fed back into the electricity grid (www.team-north.com).

Wes Johnston, Director of Policy and Research for CanSIA, ended the event with a short overview of CanSIA, Canada's national solar industry group (www.cansia.ca) and reminded us of the upcoming annual conference and exposition on December 6 & 7, 2010 in Toronto.

The next Solar Industry Networking Group event is planned for Wednesday, January 19th, 2011 in the Kitchener City Hall Rotunda.

Congratulations to All Cambridge Winners

THE MAYOR'S AWARD FOR EXCELLENCE IN WORKFORCE TRAINING & DEVELOPMENT

The Mayor's Award for Excellence In Workforce Training & Development underscores the role training and development plays in driving Cambridge's economic growth and prosperity. The 2010 winners are:

Small Business - McDonald Green Personnel Inc.
Industrial and Manufacturing - COM DEV International Ltd.
Industrial and Manufacturing - Redragon Oil and Gas Systems International Inc.

LANGDON HALL

The 'Dining Room' at Langdon Hall was recognized as one of 'The World's 100 Best Restaurants in 2010. Ranked 77th on the prestigious S. Pellegrino World's Best Restaurants.

GRAND RIVER BREWING COMPANY

Grand River Brewing Company received 4 medals at the 2010 Ontario Brewing Awards. More than 130 beers were submitted for judging in eighteen categories from 27 breweries.

GOLD Metal in Stout category for Grand River's Russian Gun Imperial Stout
SILVER Medal in the dark ales for Mill Race Mild
SILVER Medal for Galt Knife Old Style
SILVER Medal for People's Choice

COM DEV INTERNATIONAL LTD.

The Government of Ontario awarded COM DEV with the Best Innovation in the Premier's Catalyst Awards category, for its development of a signal processing algorithm that enables the highly accurate detection of ships from microsatellites.

CAMBRIDGE LIBRARIES AND GALLERIES

The Cambridge Libraries and Galleries ranked 42 out of 50 top employers and was named among the TOP 50 Best Small and Medium Employers in Canada. This year more than 200 companies from across Canada were registered.

WATERLOO REGION SMALL BUSINESS CENTRE

The Waterloo Region Small Business Centre was presented with a 2010 Economic Developers Association (EDAC) Marketing Canada award for the WRSBC Newsletter. The Newsletter was the winning entry in the "Printed Newsletter within Budget" Category.

2009 CAMBRIDGE CHAMBER OF COMMERCE BUSINESS EXCELLENCE AWARDS

The Chamber Business Excellence Awards were presented on March 25, 2010 at the Armenian Centre. Winners of these prestigious awards are businesses or individuals that have demonstrated a significant and sustained commitment to positive business development, economic growth and diversity within our city.

GeoSmart Energy Inc.- Business of the Year (Fewer than 50 employees)

Lone Wolf Real Estate Technologies Inc. - Business of the Year (Over 50 employees)

Mr. Brian Law,Pavey, Law & Witteveen LLP - Personal Business Achievement Award

Grand House Student Co-Operative Inc. - New Venture of the Year

Dave Sopha, Portraits of Honour - Keith Taylor Memorial Awards

Grand River Film Festival - Breakthrough Award

Farm Mutual Reinsurance Plan Inc. - Environment Award, Excellence in Energy Conservation

Michael McKeown, Ridgehill Ford Sales - WOWCambridge Customer Service Award

John Keating,COM DEV International Inc. - Lifetime Achievement

Cowan Insurance Group - Chair's Award

Building Activity

Estimated values for permits issued from January 1, 2010 to June 30, 2010 (Projects listed are those with construction values of \$50,000 and over)

INDUSTRIAL BUILDING ACTIVITY

Total value of \$34,454,850

Building Permit Issued	Project	Approximate Construction Value
2113008 Ontario Inc.		
25 Cherry Blossom Road	1,824 sq. m. (19,631 sq. ft.) interior and exterior renovation to office space	\$1,000,000
BT Developments Inc.		
65 Struck Court	399 sq. m. (4,292 sq. ft.) mezzanine addition to warehouse.	\$150,000
BT Developments Inc.		
65 Struck Court	595 sq. m. (6,407 sq. ft.) second floor addition to warehouse	\$500,000
Cambridge Corporate Centre		
650 Jamieson Parkway	1,241 sq. m. (13,358 sq. ft.) interior renovation to warehouse.	\$250,000
City of Cambridge		
1310 Bishop Street	315 sq. m. (3,391 sq. ft.) addition and various renovations to City Works Yard building	\$625,000
City of Cambridge		
1310 Bishop Street	1,563 sq. m. (16,824 sq. ft.) construction of four outdoor storage barns and relocation of one structure.	\$2,000,000
COM DEV		
60 Struck Court	711 sq. m. (7,650 sq. ft.) renovation to warehouse for test labs	\$221,850
Epifano Investments 1404962		
540 Thompson Drive	431 sq. m. (4,644 sq. ft.) interior finishing to office in warehouse	\$50,000
Fengate Property Management		
1425 Bishop Street	94 sq. m. (1,012 sq. ft.) renovation to office	\$220,000
Grand River Brewing		
295 Ainslie Street S.	30 sq. m. (320 sq. ft.) interior renovation consisting of washrooms and food preparation area for Hospitality Suite.	\$50,000
Kingsett Capital Partners		
650 Jamieson Parkway	Minor renovation to unit in industrial mall.	\$400,000
Loblaws Properties Limited		
1105 Fountain Street	5,709 sq. m. (61,448 sq. ft.) addition to warehouse	\$1,800,000
Loblaws Properties Ltd.		
1105 Fountain Street	743 sq. m. (8,000 sq. ft.) interior alterations to existing office space in warehouse	\$500,000
Long Manufacturing Ltd.		
401 Franklin Blvd.	223 sq. m. (2,400 sq. ft.) construction of clean room within existing plant	\$100,000
MCC-Resendes lands Inc.		
420 Thompson Drive	1,527 sq. m. (16,433 sq. ft.) interior finishing to industrial building	\$750,000
P A Racing Support Services		
150 Vondrau Drive	567 sq. m. (6,098 sq. ft.) addition to warehouse	\$400,000

Building Permit Issued	Project	Approximate Construction Value
Pepsi-Cola Canada Ltd.		
1001 Bishop Street	47 sq. m. (502 sq. ft.) transformer upgrade and relocation of interior electrical room.	\$80,000
Perrotta & Pereira Holdings Inc.		
95 Struck Court	2,663 sq. m. (28,668 sq. ft.) addition/renovation to industrial facility	\$2,000,000
Region of Waterloo		
50 Middleton Street	920 sq. m. (9,903 sq. ft.) construction of new municipal water treatment plant	\$15,000,000
Region of Waterloo		
900 Beaverdale Road	470 sq. m. (5,058 sq. ft.) construction of new raw sewage pumping station on site of Hespeler Wastewater Treatment Plant	\$8,000,000
Toyota Motor Manufacturing		
1055 Fountain Street	30 sq. m. (324 sq. ft.) construction of new elevated platform	\$50,000
Traneggen Holdings Inc.		
80 Raglin Place	155 sq. m. (1,664 sq. ft.) construction of showroom for Gulfstream Plastics Ltd.	\$80,000

COMMERCIAL BUILDING ACTIVITY

Total value of \$11,552,917

Building Permit Issued	Project	Approximate Construction Value
3642968 Canada Inc.		
600 Hespeler Road	115 sq. m. (1,240 sq. ft.) renovation to Animal Clinic	\$80,000
3642968 Canada Inc.		
600 Hespeler Road	107 sq. m. (1,150 sq. ft.) renovation to retail unit	\$175,000
Bridgcam Shopping Centre		
60 Pinebush Road	493 sq. m. (5,303 sq. ft.) interior finishing to GUESS store	\$150,000
Bridgcam Shopping Centre		
70 Pinebush Road	2,274 sq. m. (24,481 sq. ft.) interior renovation to retail establishment	\$450,000
Bridgcam Shopping Centres		
28 Pinebush Road	756 sq. m. (8,139 sq. ft.) interior finishing for clothing store	\$300,000
Bridgcam Shopping Centres		
28 Pinebush Road 938 sq. m. (10,095 sq. ft.) interior finishing for new retail stores		\$850,000
Bridgcam Shopping Centres		
70 Pinebush Road	Construction of two new store fronts and demising wall.	\$500,000
Cambride Corporate Centre		
600 Jamieson Parkway	325 sq. m. (3,501 sq. ft.) interior alterations to ground floor unit	\$102,000

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Building Activity

Estimated values for permits issued from January 1, 2010 to June 30, 2010 (Projects listed are those with construction values of \$50,000 and over)

COMMERCIAL BUILDING ACTIVITY

Total value of \$11,552,917

Building Permit Issued	Project	Approximate Construction Value
City of Cambridge 1407 Hamilton Street	278 sq. m. (2,988 sq. ft.) interior renovation to Karl Homuth Arena	\$700,000
City of Cambridge 1458 Hamilton Street	363 sq. m. (3,904 sq. ft.) addition and interior renovation to arena	\$1,200,000
City of Cambridge 200 Christopher Drive	506 sq. m. (5,442 sq. ft.) interior renovation to Duncan McIntosh Arena	\$1,000,000
City of Cambridge 30 Parkhill Road	1,022 sq. m. (11,000 sq. ft.) renovation to Dickson Arena	\$700,000
City of Cambridge 31 Kribs Street	557 sq. m. (6,000 sq. ft.) interior renovation to make pool area barrier free	\$1,160,000
City of Cambridge 640 Ellis Road	Mechanical and electrical renovations to Hespeler Memorial Arena	\$1,500,000
City of Cambridge 99 Wentworth Ave.	Addition of deck facility	\$50,000
Fibernetics Corp. 605 Boxwood Drive	279 sq. m. (3,005 sq. ft.) renovation to existing office space.	\$150,000
Loblaw Properties Ltd. 180 Holiday Inn Drive	578 sq. m. (6,225 sq. ft.) interior and exterior renovations to Zehr's Super Market	\$300,000
MacCabean Properties 561 Hespeler Road	689 sq. m. (7,419 sq. ft.) renovations to retail establishment \$80,000	
Morguard Real Estate Investment Trust 355 Hespeler Road	54 sq. m. (579 sq. ft.) interior renovation for retail store	\$250,000

Building Permit Issued	Project	Approximate Construction Value
Natcordev 30 Queen Street	172 sq. m. (1,854 sq. ft.) interior demolition to residential/commercial property	\$200,000
Sep Holdings Limited 350 Hespeler Road	279 sq. m. (3,000 sq. ft.) interior renovation to medical clinic.	\$60,000
Spencer Properties 101 Holiday Inn Drive	1,711 sq. m. (18,420 sq. ft.) interior finishing for Shoppers Drug Mart.	\$500,000
Tudisco Realty Investments 389 Clyde Road	219 sq. m. (2,352 sq. ft.) interior finishing to office area	\$68,208
Waterloo Catholic District School Board 212 South Street	93 sq. m. (1,000 sq. ft.) interior renovation to improve accessibility to facility	\$250,000

INSTITUTIONAL BUILDING ACTIVITY

Total value of \$11,552,917

Building Permit Issued	Project	Approximate Construction Value
City of Cambridge 31 Kribs Street	114 sq. m. (1,224 sq. ft.) addition to pool mechanical room	\$200,000
Conestoga College 850 Fountain Street	11,750 sq. ft. (126,476 sq. ft.) construction of foundation for new Cambridge campus.	\$4,000,000
Conestoga College 850 Fountain Street	25,826 sq. m. (278,000 sq. ft.) construction of second stage for new Cambridge campus	\$55,000,000

Residential Building Activity

January 1 to June 30, 2010, 212 units were constructed for a total combined value of \$36,038,243

Total Square Footage Constructed by Sector from January 1 to June 30, 2010:

Industrial – 177,253 sq. ft.*
Commercial – 19,910 sq. ft.*
Institutional – 279,224 sq. ft.*

**sq. ft. represents new construction and additions only*

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Building Activity

Estimated values for permits issued from January 1, 2010 to June 30, 2010 (Projects listed are those with construction values of \$50,000 and over)

6 MONTH BUILDING PERMIT ACTIVITY BY SECTOR A COMPARISON OF BUILDING PERMIT VALUES FROM JANUARY 1 TO JUNE 30, 2006-2010

