

## **QUANTIAM NEWS RELEASE**

**Quantiam Technologies is part of Canada's \$11 billion clean technology industry. An export driven industry that is changing Canada.**

**Export Revenues for Canadian Clean Technology Industry hit a Record \$5.8 billion in 2012.**

**Ottawa, ON – March 6, 2014:** Quantiam Technologies Inc. is pleased to highlight its important role in Canada's first 21<sup>st</sup> century industry. An innovative, rapidly expanding and economically important industry that brings together companies working to increase energy and water productivity and also to solve problems to do with the ways that air, earth and water are used.

The opportunity for Canada to create a \$50 billion industry by 2022 is highlighted in the latest *Canadian Clean Technology Report for 2014* by Analytica Advisers, published today. The industry is making startling progress and is rapidly evolving into a globally competitive, multi-billion industry with a potentially transformative impact upon Canada's economy.

In another year of sustained growth in 2014, the Canadian clean technology industry continued to demonstrate the stamina, grit and determination that have enabled it to achieve some impressive industry performance statistics:

- Quantiam is part of the 79 percent of clean technology companies that are exporting today or part of the 89 percent of companies that plan to export by 2015. In 2012, the industry generated \$5.8 billion in exports, with 79 percent of firms being exporters, and 89 percent predicting they will be exporters by 2015.
- Quantiam is one of over 700 innovation-driven companies located across Canada working with thousands of direct suppliers across ten sectors.
- The industry currently has \$11.8 billion in revenues, one percent of global market-share. The industry boasts a Compound Annual Growth Rate of 10 percent from 2010 - 2012, compared to 1.7 percent growth in the Canadian economy as a whole.
- Quantiam is part of an industry that has created 41,100 new jobs across Canada. Jobs that grew at a rate of 6 percent from 2010 to 2012 – 200 percent faster than the national average. Quantiam is also part of an industry that is hiring young people who want to make a difference. Twenty percent of the Clean Technology's industry's workforce is comprised of Canadians aged 30 years of age and younger. A force for the future.
- Quantiam contributes to an industry that invested over \$1 billion in R&D in 2012, and \$5 billion from 2008 – 2012, of which \$3.5 billion was from SMEs.

Today's Analytica Advisors *2014 Canadian Clean Technology Industry Report* includes insight from many great Canadian Clean Technology companies including Quantiam Technologies Inc. The Report examines the clean technology industry's achievements in driving jobs, exports, innovation and competitive performance; and discusses why the industry is both Canada's first new industry in the 21<sup>st</sup> century and a foundational base for growth, global competitiveness and productivity in other industries.

“Canadian diversification beyond our strong resources-based economy is key to securing our high quality of life, a sustainable future, and opportunities for our children. Cleantech and Nanotechnology provide the two major emerging opportunities of this 21<sup>st</sup> century – and Quantiam is a pioneer and a leader in both. As Canadians we have no choice, we either embrace the opportunities before us or surrender our future to our competitors.”

Building on the groundwork laid by the *2010 SDTC Cleantech Growth & Go-To-Market Report* and the *2011 and 2013 Canadian Sustainable Technology Industry Reports*, the 2014 Report's findings show that the Canadian clean technology industry has now become a meaningful contributor to Canada's economy. The industry is emerging as a powerful player and companies are targeting and winning in global markets where there are mounting signs of trade liberalization. They post strong revenue and employment growth and continue to invest in R&D at rates comparable to biotechnology, pharmaceuticals, and ICT.

“Clean Technology is one of Canada's first 21<sup>st</sup> century industries. It has a growing presence in international markets and is bringing economic opportunity across the country. At current growth rates this will become a \$28 billion industry by 2022, employing over 75,000,” said Céline Bak President of Analytica Advisors. “Much of this growth will be driven by exports to international markets. Three quarters of clean technology companies are currently exporting, and close to ninety percent expect to export in 2015. Twenty-two percent of industry revenues are already from exports markets other than the US.”

“Yet this dynamic industry remains one of Canada's best kept secrets. It is time for Canada to take notice. Canadian companies are bringing solutions to some of the world's most technically demanding problems and young people are seeing an opportunity to build their careers here for the long term benefit of our economy and the environment.”

There can remain no doubt that the Canadian clean technology industry has the credentials to take its place as a fully-fledged element of the Canadian economy. Canada should recognize that this industry is ready to play to its potential, to set an ambitious goal to build a \$50 billion industry so that it can deliver that potential to the Canadian economy.

### **About Quantiam Technologies**

Quantiam Technologies is a pioneer in the development and commercialization of world-first new products that exploit the properties of matter at the nano-scale and smaller, aimed at delivering products to the marketplace that greatly reduce energy requirements in major industrial applications, reduce greenhouse gas emissions, and increase product lifetime under extreme industrial operating conditions. For more information visit [www.quantiam.com](http://www.quantiam.com)

### **About Analytica Advisors**

Analytica Advisors is a registered Beneficial Corporation dedicated to research and advisory services for a growing Canadian and global economy. For more information visit [www.analytica-advisors.com](http://www.analytica-advisors.com)

The *2014 Canadian Clean Technology Industry Report* was authored by and is available from Analytica Advisors. For more information contact: [info@analytica-advisors.com](mailto:info@analytica-advisors.com)

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