

Technology Focus – Harnessing Nature to Mitigate Climate Change

CO₂ Solution Inc. is harnessing the power of nature to manage manmade emissions of carbon dioxide (CO₂), the most important greenhouse gas. CO₂ Solution has developed a proprietary technology platform which exploits the natural power of a biocatalyst (enzyme), carbonic anhydrase, which functions within humans to manage CO₂ during respiration. The Company is commercializing its technology for coal-fired power generation and other CO₂-intensive industries where a low-cost capture solution is critical to meeting climate change legislation in an economically sustainable manner.

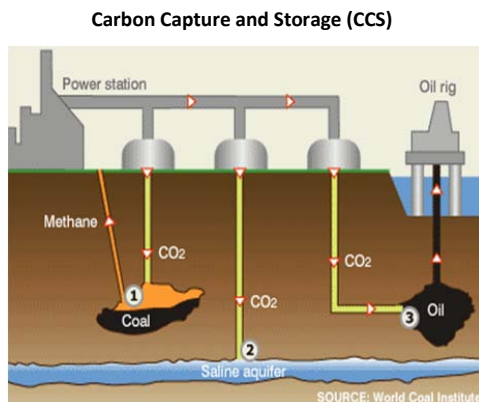


Opportunity – Lowering the Cost of Carbon Capture

There is now consensus among the scientific community that the world is warming as a result of human activities, and that this warming is accelerating. The primary cause of climate change is emissions of carbon dioxide and other 'greenhouse gases' (GHGs), primarily from energy production, industrial processes and transportation. Global warming is already resulting in negative environmental and human consequences including rising sea levels, increasingly violent and destructive storms and persistent droughts.

Although the dangers of excess CO₂ emissions are well recognized, fossil fuels contribute such a large portion of the world's present needs that simply 'shutting down' these sources is simply not possible in the foreseeable future without creating massive energy shortages. Thus, **carbon capture and storage (CCS)**

provides an important solution to allowing the continued use of fossil-power generation, whilst neutralizing its greenhouse gas emissions.



Stock Facts (as of February 19, 2010; CDN\$)

Stock Symbol	CST
Exchange	TSX Venture
Stock Price	\$0.17
Shares Outstanding	60.261 Million
52-week Range	\$0.13 - \$0.28
Market Capitalization	\$10.24 Million

Stock Price Chart



Financials

	For Quarter Ended December 31	
	2009	2008
Revenue	\$0	\$0
Net Profit (Loss)	\$432,477	\$528,045
Cash	\$3,267,982	\$2,932,282

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Conventional CO₂ capture with available technology, based primarily on the use of amine solvents, is an energy intensive process that involves heating the solvent to high temperatures to strip the CO₂ (and regenerate the solvent) for underground sequestration. This large cost for the capture portion of approximately \$60 per ton has, to present, made large scale CCS unviable.¹

¹ IPCC

As an innovative solution to this problem, CO₂ Solution has achieved significant results in applying the enzyme (as a process catalyst) to conventional capture technology with a variety of solvents to improve performance. These results point to the ability of the enzyme to lower the cost of carbon capture on a capital and operating basis.

Market and Revenue Model

CO₂ Solution's market comprises large stationary sources of emissions including coal-fired power plants and other large industrial point sources of carbon dioxide. According to the International Energy Agency (IEA) GHG Program, there are approximately 7,800 large stationary sources of carbon dioxide worldwide each emitting more than 100,000 metric tons per year. Combined, these sources emitted approximately 13.7 Billion metric tons of CO₂ to potentially be captured.

The Company expects that it will generate revenues both from the sale of CO₂ capture equipment incorporating its enzyme based technology, as well as from ongoing sales of enzyme refills required by customers.

Management Team

Experience	
Glenn Kelly President & CEO	Extensive energy industry expertise; previously President and COO of Rabaska Inc., a subsidiary of Gaz Metro, Gaz de France and Enbridge Inc.; participated in attracting Russia's Gazprom towards its first North American investment into \$840 Million Liquefied Natural Gas (LNG) import terminal in Levis, Quebec.
Sylvie Fradette, Ph. D. Vice-President, Research and Development	Leading chemical engineering researcher in the application of biocatalysts as tools for new processes; One of original architects of the Company's technology platform since 1998.
Normand Voyer, Ph. D. Vice President, Biocatalysis	Recognized for research in bioorganic chemistry; founder of the Quebec Research Centre on Protein Structure, Function, and Engineering (CREFSIP); Strong experience in linking fundamental bioresearch with industry, including work with DuPont.
Linda Parent, Vice-President, Finance and Administration	19 years financial and accounting management experience. Has led public reporting for the Company since its IPO in 2004.
Jonathan A. Carley Vice-President, Business Development	10 years progressive corporate development and venture capital experience; Previously led strategic development for leading North American biofuels company.

Important Information about Forward-Looking Statements

All statements in this presentation that are other than statements of historical facts are forward-looking statements which contain our current expectations about our future results. Forward-looking statements involve numerous risks and uncertainties. We have attempted to identify any forward-looking statements by using words such as "anticipates", "believes", "could", "expects", "intends", "may", "should" and other similar expressions. Although we believe that the expectations reflected in all of our forward-looking statements are reasonable, we can give no assurance that such expectations will prove to be correct. A number of factors may affect our future results and may cause those results to differ materially from those indicated in any forward-looking statements made by us or on our behalf. Such factors include our early stage of technology development; our need for capital to finance necessary research and product development; our ability to attract and retain key employees and strategic partners; our ability to achieve and maintain profitability; fluctuations in the trading price and volume of our stock; competition from other providers of similar products and services; and other unanticipated future events and conditions. For further information concerning risks and uncertainties that may affect our future results, please review the disclosures as may be contained from time to time in our filings with SEDAR. Other than as required by provincial securities laws, we undertake no obligation to publicly update or revise any of our forward-looking statements, whether as a result of changed circumstances, new information, future events, or for any other reason occurring after the date of this presentation. This presentation does not constitute an offer to sell or solicitation of an offer to buy securities.

CO₂ Solution's Enzymatic Carbon Capture Process

