



SOLUTIONS

TSX-V: CST

Outstanding Shares: 79,187,836

For Immediate Release

CO₂ Solutions Granted Three New U.S. Patents

Company further expands leading intellectual property position in use of enzymes for efficient mitigation of carbon dioxide emissions

Quebec City, Quebec, January 10, 2013 – CO₂ Solutions Inc. (TSX-V: CST), an innovator in the field of enzyme-enabled carbon capture technology, announced today that it has been granted three U.S. Patents as follows:

8,329,458, entitled “Carbonic anhydrase bioreactor and process for CO₂ containing gas effluent treatment” (<http://alturl.com/a8qym>)

8,329,459, entitled “Carbonic anhydrase system and process for CO₂ containing gas effluent treatment” (<http://alturl.com/n8qdj>)

8,329,460, entitled “Carbonic anhydrase bioreactor and process” (<http://alturl.com/8933u>)

The three patents broadly cover the use of the enzyme carbonic anhydrase (CA) flowing through an absorption reactor either homogeneously or attached to or in substrates, and optionally removed after absorption, for the efficient capture of carbon emissions from any gas stream with any aqueous solvent or solution. Notable industry applications of the patents for carbon management include power generation, oil refining, metals production, and cement production, among others.

“The issuance of these three patents further expands our already dominant intellectual property portfolio for enzymatic carbon capture,” stated Glenn Kelly, President and Chief Executive Officer of CO₂ Solutions. “These patents will provide significant incremental value in commercializing our technology in the U.S. market.”

About CO₂ Solutions Inc.

CO₂ Solutions is an innovator in the field of enzyme-enabled carbon capture and has been actively working to develop and commercialize the technology for stationary sources of carbon pollution. CO₂ Solutions’ technology lowers the cost barrier to Carbon Capture, Sequestration and Utilization (CCSU), positioning it as a viable CO₂ mitigation tool, as well as enabling industry to derive profitable new products from these emissions. CO₂ Solutions has built an extensive patent portfolio covering the use of carbonic anhydrase, or analogues thereof, for the efficient post-combustion capture of carbon dioxide with low-energy aqueous solvents. Further information can be found at www.co2solutions.com.

CO₂ Solutions Forward-looking Statements

Certain statements in this news release may be forward-looking. These statements relate to future events or CO₂ Solutions’ future economic performance and reflect the current assumptions and expectations of management. Certain unknown factors may affect the events, economic performance and results of operations described herein. CO₂ Solutions undertakes no obligation to update or revise any forward-looking statements, whether as a result of new information, future events or otherwise, except as may be required under applicable law.

- 30 -

Investor Relations and Media Contact:

CO₂ Solutions:

Or

TMX Equicom

Thom Skinner
418-842-3456, ext. 223
thom.skinner@co2solutions.com
www.co2solutions.com

Adam Peeler
416-815-0700, ext. 225
apeceler@equicomgroup.com

Neither the TSX Venture Exchange nor its Regulation Services Provider (as that term is defined in the policies of the TSX Venture Exchange) accepts responsibility for the adequacy or accuracy of this release.