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For Immediate Release

CO₂ Solutions Unveils New Carbon Capture Enzyme

Quebec City, November 19, 2014– CO₂ Solutions Inc. (TSX-V: CST), the leader in the field of enzyme-enabled carbon capture technology, today announced the completion of the internal development of a new high-performance carbonic anhydrase enzyme.

In extensive bench testing, the new enzyme, named 1T1, has demonstrated longevity and catalytic performance significantly surpassing that of the best third-party enzymes used by CO₂ Solutions to date. As such, 1T1 is expected to be the principal enzyme for the Corporation's carbon capture process going forward. Patent applications have been filed in relation to 1T1 and the use thereof.

"The development of 1T1 further improves the already compelling performance and cost advantages of our technology over other technologies available today," said Dr. Louis Fradette, Senior Vice-President, Process Engineering & Chief Technology Officer of CO₂ Solutions. "To date, the large-scale adoption of CO₂-driven enhanced oil recovery (EOR) has been held back by the limited availability of large volumes of low cost CO₂. We believe that the benefits generated by using 1T1 in our process address this issue and increase the potential for these types of applications to become reality. It is a credit to the skills and dedication of the CO₂ Solutions' R&D team, who have done extraordinary work in bringing the initial concept to reality in an exceptionally short time frame."

Relative to its peers, 1T1 has a longer lifespan in the CO₂ capture process, and delivers greater stability in meeting the required specifications for CO₂ capture efficiency. At the same time, initial manufacturing results suggest that the production cost per unit weight of enzyme protein are likely to be substantially less than that for the third-party enzymes used to date. At the enzyme concentration levels required to deliver optimal carbon capture, CO₂ Solutions believes this should lead to significantly lower enzyme-related costs, further reducing operating expenses of the capture process.

The Corporation has outsourced production of 1T1 to a third party, and industrial-scale batches of 1T1 have been manufactured. With 1T1, CO₂ Solutions can produce the enzyme through a number of potential contract manufacturers, while controlling the associated intellectual property.

"De-risking all the elements of our carbon capture technology as we move closer to commercialization is a priority for the Corporation", stated Evan Price, CO₂ Solutions' CEO. "With 1T1, we now have full ownership over what is arguably the most crucial element in our technology, thus securing the supply chain. Further down the line, ownership of the enzyme has the potential of creating additional revenue opportunities by CO₂ Solutions becoming a supplier of 1T1 to externally operated carbon capture facilities."

The new enzyme will be used in the upcoming tests at the University of North Dakota Energy & Environmental Research Center (EERC), scheduled for December.

1T1 was developed with the financial assistance of the Government of Canada's Industrial Research Assistance Program (IRAP). The Corporation acknowledges the important support of IRAP in the success of this project.

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 operation 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.

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Investor Relations and Media Contact:

CO₂ Solutions:

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

or

TMX Equicom

Marc Lakmaaker
416-815-0700, ext. 248
MLakmaaker@tmxequicom.com

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