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For Immediate Release

CO₂ Solutions Presents Full Results of Pilot Testing

New economic benchmark for carbon capture meets U.S Department of Energy cost target 10 years ahead of schedule

Quebec City, Quebec, April 29, 2015 – CO₂ Solutions Inc. (TSX-V: CST), the leader in the field of enzyme-enabled carbon capture technology today presented the full results of the pilot testing of CO₂ Solutions' carbon capture process, completed in January 2015. The presentation was made at the Fourteenth Annual Conference on Carbon Capture, Utilization & Sequestration in Pittsburgh, Pennsylvania. This presentation follows on the announcement of the initial results on April 23, 2015 and provided additional details therein.

The presentation was made by Dr. Louis Fradette, CO₂ Solutions' Senior Vice-President, Process Engineering & Chief Technology Officer. The presentation is available at <http://bit.ly/1Ep1CY0>.

The detailed results presented establish CO₂ Solutions' technology as a new economic benchmark for low-cost carbon capture. Highlights of the results presented include:

- A conservative cost estimate of approximately \$39 per tonne of CO₂ based on 90% CO₂ capture from flue gases of a typical coal-fired power plant at full scale, including CO₂ compression to 2250 psi. This surpasses the U.S. Department of Energy (DOE) target of \$40/tonne by the year 2025 for new carbon capture processes.
- Approximately ten-times reduction in the parasitic load on the power plant through the use of low-grade, nil value heat from outside of the power plant's steam cycle compared to the reference amine case
- Stable performance of CO₂ Solutions' proprietary 1T1 enzyme over the test period with no enzyme replacement.
- Constant CO₂ capture performance over the test period with no solvent make up and no toxic waste products generated.
- Significantly reduced power plant retrofit costs as the use of low-grade heat greatly reduces the requirement for additional coal combustion to maintain the net output of the power plant.

"These results validate our work to date in proving our technology to have significant cost advantages over other solutions, enabling the efficient reduction and reuse of CO₂ emissions from power generation and other industries", stated Dr. Fradette. "With these excellent results and our larger scale demonstration coming on line in the coming weeks we are well positioned for the commercialization of our technology later this year."

The results were based on testing of CO₂ Solutions' enzyme-accelerated process, applied to flue gas from natural gas and coal combustion at a scale of approximately 1 tonne-CO₂/day. Using CO₂ Solutions' proprietary high-performance 1T1 enzyme, the programme represented the largest scale test to date of an enzyme-based CO₂ capture process. It was also the first enzyme-based CO₂ capture demonstration involving a complete configuration representative of industrial capture with flue gases, incorporating reduced pressure stripping and the enzyme employed in both absorption and stripping.

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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