



**TSX-V: CST**

Outstanding Shares: 79,687,836

*For Immediate Release*

## **CO<sub>2</sub> Solutions Further Fortifies Its Intellectual Property Portfolio with Addition of Two Broad Canadian Patents**

*Patents will have wide application in efficient carbon capture from oil sands, coal-fired power generation and other large Canadian industries*

**Quebec City, Quebec, September 19, 2013** – CO<sub>2</sub> Solutions Inc. (TSX-V: CST), an innovator in the field of enzyme-enabled carbon capture technology, today announced that it has received Notices of Allowance in Canada for two broad patents: “Carbonic anhydrase system and process for treating a CO<sub>2</sub>-containing gas” with number 2,813,640 and “Formulation and process for CO<sub>2</sub> capture using carbonates and biocatalysts” with number 2,769,772.

“Our enzyme-enabled, low-energy solvent approach to carbon capture eliminates the need for high value process heat and significantly reduces the cost that has historically been associated with carbon capture,” said Evan Price, President and CEO of CO<sub>2</sub> Solutions. “As we progress towards the commercialization of our technology, we are protecting its path forward by expanding our patent portfolio.”

These patents will be directly applicable to the use of CO<sub>2</sub> Solutions’ technology in the Alberta Oil Sands, the coal-fired power generation industry, and wherever CO<sub>2</sub> capture is beneficial, including the production of CO<sub>2</sub> for use in Enhanced Oil Recovery.

In August 2013, the Company announced that it met and exceeded the first performance milestones for its Alberta Oil Sands project. In this regard, the patents cover a process with dramatically lower operating costs vis-à-vis conventional technology through lower energy consumption and by allowing the use of zero-value waste heat for solvent regeneration. Additionally, the process has numerous operational benefits versus conventional chemical solvent technology, namely no toxicity, low corrosivity, and exceptional stability.

### **About CO<sub>2</sub> Solutions Inc.**

CO<sub>2</sub> 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. CO<sub>2</sub> Solutions’ technology lowers the cost barrier to Carbon Capture, Sequestration and Utilization (CCSU), positioning it as a viable CO<sub>2</sub> mitigation tool, as well as enabling industry to derive profitable new products from these emissions. CO<sub>2</sub> 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](http://www.co2solutions.com).

### **CO<sub>2</sub> Solutions Forward-looking Statements**

Certain statements in this news release may be forward-looking. These statements relate to future events or CO<sub>2</sub> 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. CO<sub>2</sub> 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.

**Investor Relations and Media Contact:**

**CO<sub>2</sub> Solutions:**

Thom Skinner

418-842-3456, ext. 223

[thom.skinner@co2solutions.com](mailto:thom.skinner@co2solutions.com)

[www.co2solutions.com](http://www.co2solutions.com)

Or

**TMX Equicom**

Adam Peeler

416-815-0700, ext. 225

[apeceler@equicomgroup.com](mailto: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.***