

On Accelerating the Development of CO₂-based Products Industry
Dr. Issam Dairanieh, CEO, CO₂ Sciences, San Francisco, CA, USA

The Global CO₂ Initiative (GCI) focuses on funding research, development and commercialization of products that re-use CO₂. ***These products have the potential to reduce global annual carbon dioxide emissions by as much as ten percent.***

The CGI, announced in January 2016 at the World Economic Forum in Davos, aims to drive substantial economically based change by developing and harnessing market demand for products that capture and reuse CO₂. CO₂ Sciences, Inc., CGI's non-profit, is structured to aggressively catalyze innovative research in carbon capture and use through grants to qualified applicants worldwide totaling some \$400 million over the next ten years.

To carry out its mission, CO₂ Sciences is developing a "tool-kit" of capabilities and know-how to assess market opportunities in the carbon-based products industry (CBPI), to evaluate time horizons for short and long term opportunities, and to lay out a roadmap for implementation.

To date, we have completed a Market Assessment and Roadmap for Global Technology Implementation. The presentation will provide a summary of the results of our market assessment study and, in greater detail, the results of work to develop a roadmap for global implementation of the CBPI. We will conclude with recommendations for strategic actions.