

# Chart Industries, Inc. SES Cryogenic Carbon Capture™ Technology Recognized by researchers at the MIT Joint Program on the Science and Policy of Global Change, MIT Energy Initiative, and ExxonMobil

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ATLANTA, July 26, 2021 (GLOBE NEWSWIRE) -- Chart Industries, Inc. (NYSE: GTLS), a leading diversified global manufacturer of highly engineered equipment for the industrial gas and clean energy industries, has been recognized for its Sustainable Energy Solutions Cryogenic Carbon Capture™ (“CCC”) by researchers in a study in the journal of Applied Energy as was co-authored by researchers at the **MIT Joint Program on the Science and Policy of Global Change, MIT Energy Initiative, and ExxonMobil**. This research analyzed the competitiveness of several types of carbon capture and storage (“CCS”) technologies in a global economic model with specific emphasis on ways to reduce GHG emissions from the manufacture of cement, which accounts for approximately 7% of annual CO2 emissions. Coal-fired post combustion capture (“PCC”), natural gas-fired PCC, and CCC were each separately evaluated in EPPA with their specific costs and inputs. CCC was determined to be the most competitive CCS technology. In the analysis, it was determined that the cost to produce cement and capture CO2 using our CCC technology is 24% higher than producing cement with no CO2 capture (not accounting for any value for the CO2 being captured). This is compared to other capture technologies that range from a 38% increase to a 134% increase in the cost of producing cement and capturing CO2 vs producing cement with no CO2 capture.

The following link will take you to a press release from MIT about the publication.

<https://news.mit.edu/2021/reducing-emissions-decarbonizing-industry-0721>

For more information about Chart’s SES CCC capabilities, please contact Andy Baxter (Co-founder of SES and President of SES within Chart Industries) at [Andrew.baxter@chartindustries.com](mailto:Andrew.baxter@chartindustries.com).

About Chart Industries, Inc.

Chart Industries, Inc. is a leading independent global manufacturer of highly engineered equipment servicing multiple applications in the Energy and Industrial Gas markets. Our unique product portfolio is used in every phase of the liquid gas supply chain, including upfront engineering, service and repair. Being at the forefront of the clean

energy transition, Chart is a leading provider of technology, equipment and services related to liquefied natural gas, hydrogen, biogas and CO2 Capture amongst other applications. We are committed to excellence in environmental, social and corporate governance (ESG) issues both for our company as well as our customers. With over 25 global locations from the United States to Asia, Australia, India, Europe and South America, we maintain accountability and transparency to our team members, suppliers, customers and communities. To learn more, visit [www.chartindustries.com](http://www.chartindustries.com).

For more information, click here:

<http://ir.chartindustries.com/>

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