

Session Title: CCUS

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Abstract title: Scaling up CO₂ Capture Technologies for Commercial Use

Mitsubishi Heavy Industries, Ltd.(MHI) started developing technology for CO₂ capture from combustion flue gas with Kansai Electric Power Co., Inc. in 1990. The first commercial plant was delivered in 1999 for a Malaysian fertilizer company and as of January 2018, a total of 14 commercial CO₂ capture plants are currently in service around the world. Most notably, MHI delivered the world's largest CO₂ capture plant on a coal fired plant at TX, US in 2016. MHI continues to promote research and development of CO₂ capture technology to improve the reliability, reduce the cost of future CO₂ capture plants.