

CARBON RECYCLING INTERNATIONAL AND JOHNSON MATTHEY AGREE A LONG TERM CATALYST SUPPLY AGREEMENT



CRI & JM have agreed a long-term catalyst supply agreement for the use of JM's **KATALCO** methanol catalyst in CRI's Emissions-To-Liquids ("ETL") designed CO₂ to MeOH plants. This will support the development of sustainable Methanol from both CO₂ recovered from existing industrial processes and CO₂ from biomass or atmospheric sources.

CRI's ETL (Emissions To Liquids) technology has a long history of development beginning in 2006 with CRI's vision to directly hydrogenate CO₂ for the production of methanol. CRI began pilot-scale testing and in collaboration with JM and Jacobs (now Worley), the first phase of the George Olah plant was designed and built in 2011 under license from JM, using JM catalyst focused on CO₂ utilization.

CRI continued to develop its ETL technology, expanding and redesigning the George Olah plant, based on experience from the George Olah plant and R&D projects, ensuring an optimized technology solution for CO₂ based methanol production using JM catalysts.

CRI now offers its ETL technology solution for the direct CO₂ hydrogenation process in collaboration with JM who is the catalyst supplier for this application. The benefits of this offering are:

- CRI provides 10 years of operating and design experience from its ETL process in Iceland, Germany, China and Sweden in various industrial settings.
 - JM offers over 5 decades of catalysts development, manufacturing and applications experience.
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