



PRESS RELEASE

CARBON RECYCLING INTERNATIONAL AND JOHNSON MATTHEY COLLABORATE TO SUPPORT SUSTAINABLE METHANOL

Carbon Recycling International (CRI) and Johnson Matthey (JM) have agreed on a long term exclusive catalyst supply agreement for the use of JM's KATALCO™ methanol catalysts in CRI's Emissions-To-Liquids ("ETL") designed CO₂ to methanol plants. This combined offering helps meet the urgent need to remove carbon emissions in hard-to-decarbonise sectors of the economy.

Conventional methanol production involves fossil feedstocks such as natural gas or coal. Methanol manufactured with CRI's ETL process using JM catalysts provides a highly effective route to sustainable methanol from CO₂. This can be recovered from either industrial processes or biomass, such as waste and residues, or atmospheric sources. This technology will provide a vital pathway to achieving net zero emissions by contributing to the reduction of greenhouse gas emissions.

Methanol is an important raw material used to produce many everyday products including adhesives, pressed wood, pharmaceuticals, clothing and transportation fuels. Making methanol from recycled CO₂ is one of the most effective ways to achieve carbon capture and utilisation (CCU) for the chemical industry.

Methanol manufactured with CRI's ETL process meets all standard industrial specifications and can be used in all current methanol applications. As a global leader in sustainable technologies that enable decarbonisation, JM will supply its methanol synthesis catalyst for the CRI designed ETL plants. JM's catalyst has been used in all CRI's plants to date and their successful ten year cooperation will continue with this agreement.

"The need for proven, scaled and commercial solutions to produce sustainable chemicals and fuels has never been more urgent. Continuation of our long-standing cooperation with JM ensures that CRI can further strengthen its leadership in CO₂-to-methanol technology and meet the needs of a growing number of clients adopting our flexible Emissions-to-Liquids technology," said Ingólfur Guðmundsson, CEO of CRI.

"At Johnson Matthey our whole focus is about creating a world that is cleaner and healthier", said John Gordon, Managing Director, Johnson Matthey. "We believe we have a critical role in decarbonising the way chemicals are produced. We are excited to continue our long standing cooperation with CRI, since 2011, through the development of green methanol, building a cleaner future based on reduced emissions and more sustainable use of natural resources."

The agreement was effective as of July 2021.

ENDS

Carbon Recycling International

Carbon Recycling International (CRI)'s mission is to enable industries and communities achieve their objectives of decarbonization and sustainable development. CRI developed the Emissions-to-Liquids (ETL) CO₂-to-methanol technology to provide a pathway from waste gas and renewable energy to green chemicals and fuels. For over 15 years, CRI has been recognized as the pioneer in carbon recycling and power-to-x technology. CRI's ETL technology is already adopted at commercial scale, offering clients a validated, efficient and flexible climate solution with tangible and immediate impact on carbon footprint. CRI's 30-strong team of professionals, based in Europe, South America and China works with industrial clients and partners to accelerate the path to net zero. For more information, visit www.carbonrecycling.is

Johnson Matthey

Johnson Matthey is a global leader in sustainable technologies that enable a cleaner and healthier world. With over 200 years of sustained commitment to innovation and technological breakthroughs, we improve the performance, function and safety of our customers' products. Our science has a global impact in areas such as low emission transport, pharmaceuticals, chemical processing and making the most efficient use of the planet's natural resources. Today about 15,000 Johnson Matthey professionals collaborate with our network of customers and partners to make a real difference to the world around us. For more information, visit www.matthey.com

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For further information

Carbon Recycling International

press@cri.is

Omar Sigurbjornsson

Director of Sales and Marketing

+354 527 7000

Kristjana Kristjansdottir

Director of Projects

+354 527 7000

Johnson Matthey

[jmp@matthey.com](mailto:jmpr@matthey.com)

Jennifer Rennick

Marketing Lead

+1 732 223 4644

Dr. Matt Cousins

Sales Key Account Manager

+44 1642 522364