

Johnson Matthey and ClimeCo collaborate to accelerate the deployment of Low Carbon Solutions

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Johnson Matthey (JM), a leader in sustainable technologies, is collaborating with ClimeCo, a global climate solutions company, to accelerate the deployment of enhanced carbon capture solutions for industry. Under an MoU, the two companies will help synthesis gas (syngas) producers, initially in hydrogen and methanol, to build the business case for reducing CO₂ emissions from existing processes by up to 95%.

Combining JM's unique skills in technology development and deployment with ClimeCo's expertise in ESG strategy and regulatory analysis will enable syngas producers to make immediate progress on complex carbon issues by supporting project economics development, de-risking the business case for decarbonisation projects, and providing a mechanism to create validated CO₂ emissions reductions and creating compliance credits in many government-backed carbon markets. Together, they will empower customers to make informed decisions on allocating capital for the deployment of JM's CLEANPACE™ solutions, accelerate emissions reductions, and future-proof their plants against the rising costs of carbon.

Syngas producers are responsible for approximately 70% of CO₂ emissions in the chemicals sector. The opportunity for JM's Low Carbon Solutions to deploy existing technology to over 150 grey hydrogen plants in Europe and North America alone, could reduce CO₂ emissions by over 100 million tons per year by 2030. This is equivalent to the annual greenhouse gas emissions from approximately 40 million cars. This is an addressable market of £1-2 billion and Low Carbon Solutions is a key growth driver for JM.

"Companies around the world are under pressure to reduce carbon emissions and meet net zero targets," says Jane Toogood, Catalyst Technologies Chief Executive at JM. "Creating strategic partnerships allows us to offer our customers rounded and complete solutions. By working together with ClimeCo, we will enable industries such as chemicals and refining, who rely on syngas, to quickly understand the regulatory frameworks, accelerate capital decisions for decarbonisation programmes and easily deploy proven technology solutions that can have an impact today, to create a cleaner world."

"In order to decarbonise, industry is faced with a complex set of regulatory and financial hurdles," says Bill Flederbach, ClimeCo's CEO and President. "This alliance, leveraging ClimeCo's expertise in regulatory analysis along with advocacy and leadership in environmental credit creation and transactions, supports stakeholders across "hard to abate" industrial sectors by identifying technically and economically viable decarbonisation pathways, helping them go beyond conceptual studies to deploy technology solutions that make a difference today."

ENDS



Notes to editors:

About JM

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, energy, 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

Inspiring science, enhancing life

About ClimeCo

ClimeCo is a global company that focuses on investing, developing and trading environmental commodities, and advising on environmental markets, including greenhouse gases and renewable natural gas and energy. They operate at the forefront of an exciting transformation as global businesses, governments, and environmental advocates recognize that environmental markets are the most efficient way to address environmental challenges. Providing comprehensive, vertically integrated solutions makes ClimeCo a unique partner that can help clients maximize their environmental assets, while enhancing their sustainability impact, to satisfy Environmental, Social, and Governance (ESG) goals.

For further information

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