

## **Sinopec Capital and Johnson Matthey explore strategic collaboration across decarbonisation and hydrogen technologies**

On 2nd August 2022, A Memorandum of Understanding (MoU) signed by Sinopec Capital and Johnson Matthey China signals the start of active dialogues to explore joint possibilities across green and blue hydrogen, fuel cells, decarbonisation technologies and circular economy business in China.

Mr ZHOU Meiyun, Deputy Chairman and General Manager of Sinopec Capital, said: “Sinopec has made its long term development strategic goal and dedicated to become a No.1 hydrogen company in China and a leading clean energy company in the world. Sinopec is committed to develop and use various carbon reduction technologies including energy conservation and reduction, green energy replacement, and CCUS technologies and makes full efforts to reach the carbon neutralization target before 2060. We wish to have a deep collaboration with Johnson Matthey in carbon reduction and green energy fields to fully support achieving China’s national strategic goal of 30/60 carbon peak/carbon neutralization.”

Dr Mark Su, Johnson Matthey’s China President, said: “Johnson Matthey has a long heritage in China. We are China’s leading auto catalyst producer, one of the largest platinum group metals refiners, a leading player across syngas and hydrogen fuel cells, and the first commercial scale MEA producer in China. Some of the world’s biggest companies already rely on our technologies, and we are very excited to explore how we can work with Sinopec to expand our businesses whilst creating and scaling the low carbon solutions that help China achieve the carbon neutrality by 2060.”

Sinopec is the largest oil and petrochemical products supplier and the second largest oil and gas producer in China. It is also the largest refining company and the second largest chemical company in the world. Sinopec Capital is a fully owned subsidiary of Sinopec Group launched in 2018 with RMB10bn initial paid-in registered capital. The company makes strategic equity investment activities on new energy, new material, energy conservation and environmental protection, advanced manufacturing, big data and artificial intelligence to support Sinopec Group transforming from a traditional energy provider to a leading clean energy company in the world.

Johnson Matthey is a global leader in sustainable technologies that enable a cleaner and healthier world. Its technologies have 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. It is a world leading hydrogen technologies player, with technologies supporting the development and production of green and blue hydrogen and fuel cells. Its China business started in 1993, growing to a top 50

company in Shanghai. It has 6 state-of-the art manufacturing facilities, proudly delivering over 120 million auto catalysts over the last 2 decades. It is the leading membrane electrode assembly (MEA) producer in China, and produced the MEAs for hydrogen fuel cell shuttle buses showcased in the Beijing Winter Olympic 2022.

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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](http://www.matthey.com)

Inspiring science, enhancing life

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## 中国石化资本与庄信万丰探索在氢能和脱碳技术方面的战略合作

8月2日，中国石化集团资本有限公司与庄信万丰（中国）贸易有限公司签署合作备忘录，标志着双方开始积极对话，探索在中国开展绿氢和蓝氢、燃料电池、脱碳技术和循环经济业务的共同可能性。

中国石化集团资本有限公司副董事长、总经理周美云先生说：“中国石化党组已经确定了长期发展战略目标，要打造中国第一氢能公司和世界领先洁净能源化工公司。中国石化正在致力于大力开发和使用各项碳减排技术包括节能降耗、绿色能源替代以及碳捕集、利用和封存技术（CCUS）等，争取在2060年以前完成碳中和目标。我们希望通过与庄信万丰在低碳、绿色能源等领域的深度合作，全力支持中国30/60碳达峰碳中和战略目标的实现。”

庄信万丰大中华区总裁苏礼鑫博士说：“我们是中国领先的汽车催化剂生产商，最大的铂族金属精炼商之一，在合成气和燃料电池领域处于领先地位，也是中国第一家大规模商业化的膜电极生产商。在该领域的世界知名公司已经使用了我们的技术，我们也非常高兴能够与中国石化合作，在创造和推广低碳方案的

同时扩大我们的业务，帮助中国在 2060 年前实现碳中和。”

中国石化是中国最大的成品油和石化产品供应商、第二大油气生产商，是世界第一大炼油公司、第二大化工公司。中国石化集团资本有限公司是中国石化集团全资子公司，成立于 2018 年，注册资本 100 亿元人民币。中国石化资本公司通过在新能源、新材料、节能环保、高端智能制造、大数据和人工智能等领域的资本投资活动支持中国石化集团公司从传统能源公司向世界领先清洁能源化工公司转型。

庄信万丰是可持续性技术的全球领导者，促使世界更清洁、更健康。其技术在低排放运输、能源、化工工艺和高效利用地球自然资源等领域具有全球影响力。它也是世界领先的氢能技术参与者，支持绿氢、蓝氢和燃料电池的开发和生产。其业务在中国始于 1993 年，在上海成长为一家排名前 50 位的公司并拥有 6 个最先进的生产设施，在过去 20 年中提供了超过 1.2 亿件汽车催化剂。它是中国领先的膜电极组件生产商，并在 2022 年北京冬季奥运会上展示了由其膜电极组件所驱动的燃料电池穿梭巴士。

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