

News Release

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BASF partners with Plug Power to deploy purification solutions in their advanced hydrogen liquefaction plants

- **Cooperation Agreement to incorporate BASF's Purivate™ Pd15 DeOxo catalysts into Plug Power's hydrogen liquefaction plants**
- **BASF to provide key materials for efficient hydrogen purification, including oxygen and water removal solutions**
- **Parties are dedicated to delivering enhance economic viability of liquid hydrogen plants**

BASF announced today the signing of a Cooperation Agreement with Plug Power (NASDAQ: PLUG), a global leader in comprehensive solutions for the green hydrogen economy, positioning BASF's advanced DeOxo catalysts as an offer within Plug Power's hydrogen liquefaction plants globally to enhance their market offerings, improving reliability and cost efficiency.

BASF's DeOxo catalysts, including the innovative Purivate™ Pd15 product, offer exceptional catalyst performance at low temperatures, reducing the need for expensive precious metals. These materials have been fully qualified for use in Plug Power's hydrogen liquefaction plants, establishing BASF as a preferred and specified product provider. In addition to the DeOxo catalysts for the efficient removal of oxygen, Plug Power has also qualified adsorbents like Sorbead® Air for use in their hydrogen plants. Sorbead Air, a specialty aluminosilicate gel, offers energy-efficient dehydration of electrolyzed hydrogen.

The primary focus of this collaboration is on hydrogen liquefaction plants with capacities of 30, 60, and 90 tons per day. BASF has successfully passed a rigorous technical qualification process, supported by an extensive operating reference list, demonstrating its capability and reliability in this sector.

"BASF has a rich history in hydrogen purification and has built a robust portfolio that features large-scale hydrogen purification units in our own facilities. We are proud to have also earned the approval of other leading players in the green hydrogen sector", said Detlef Ruff, Senior Vice President, Chemical Catalysts and Adsorbents at BASF.

"Plug Power has confidence in BASF's extensive experience and expertise in hydrogen purification. We believe this collaboration will provide our clients with proven and reliable end-to-end solutions that enhance the economic viability of liquid hydrogen plants", said Daniel Kennedy, Vice President, Process Technology Plug Power.

About BASF Chemical Catalysts and Adsorbents

BASF is a leading global manufacturer of catalysts for the chemical industry, with solutions across the chemical value chain. The business comprises chemical catalysts, adsorbents and custom catalysts. Priority is given to developing new and improved products that enable the chemical industry transformation to net-zero emissions. To learn more, visit www.chemical-catalysts-and-adsorbents.basf.com.

BASF's Chemical Catalysts and Adsorbents business is part of the company's Performance Chemicals division. The division's portfolio also includes refinery catalysts, fuel and lubricant solutions, as well as oilfield chemicals and mining solutions. Customers from a variety of industries including Chemicals, Plastics, Consumer Goods, Energy & Resources and Automotive & Transportation benefit from our innovative solutions. To learn more, visit www.performancechemicals.basf.com.

About BASF

At BASF, we create chemistry for a sustainable future. Our ambition: We want to be the preferred chemical company to enable our customers' green transformation. We combine economic success with environmental protection and social responsibility. Around 112,000 employees in the BASF Group contribute to the success of our customers in nearly all sectors and almost every country in the world. Our portfolio comprises, as core businesses, the segments Chemicals, Materials,

Industrial Solutions, and Nutrition & Care; our standalone businesses are bundled in the segments Surface Technologies and Agricultural Solutions. BASF generated sales of €65.3 billion in 2024. BASF shares are traded on the stock exchange in Frankfurt (BAS) and as American Depositary Receipts (BASFY) in the United States. Further information at www.basf.com.