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Heraeus Precious Metals introduces Actydon – the new brand for hydrogen systems

At the start of European Hydrogen Week 2024, Heraeus Precious Metals, one of the leading companies in the precious metals industry, announced the introduction of Actydon, the new brand of its Hydrogen Systems Business Line. Actydon offers a comprehensive portfolio of precious metal products and services for the various applications in the hydrogen industry, enabling Heraeus Precious Metals to provide the best possible support to customers in the hydrogen industry.

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in short supply, for use in the comprehensive range of precious metal-based products for electrolyzers and fuel cells. The various recycling solutions complete the brand, so that customers receive all the components – procurement, product and recycling – from a single source and under a common brand.

Actydon is divided into a total of four product families. **Actydon I Platinum** includes platinum catalysts, which are used primarily in the electrodes of PEM electrolyzers and PEM fuel cells and are also used in other fuel cell and electrolyzer technologies. In **Actydon I Iridium** and **Actydon I Ruthenium**, the corresponding iridium and ruthenium solutions are combined, including the particularly innovative catalyst solutions with low iridium content. **Actydon I Loop** represents the recycling family of the portfolio and includes the recycling of precious metals as well as the recycling of entire stacks. In the future, Heraeus Precious Metals will use Actydon to combine and further expand its high-tech solutions for hydrogen production and use.



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goals," explains Dr. Julia Reck, Head of Product Management at Business Line Hydrogen Systems. The company works continuously on innovative solutions in close collaboration with its customers and is constantly developing its portfolio.

The introduction of Actydon is the logical next step following the rapid development of the hydrogen business at Heraeus Precious Metals. The division, which started as an R&D project, developed and expanded continuously through investments in research facilities, production lines and recycling capacities in China, Germany and the United States. At the beginning of 2024, Heraeus Precious Metals created a central point of contact for its customers in the hydrogen economy by establishing a dedicated Hydrogen Systems Business Line. The new product brand is the next step in implementing the strategy of the hydrogen division. The expansion of the Business Line is in line with the corporate strategy of Heraeus Precious Metals to play a leading role in making the precious metals industry sustainable.


"The introduction of Actydon underlines our commitment to advancing the rapid development of the hydrogen economy with precious metals in the best possible way. Hydrogen and precious metals belong together," emphasizes Dr. Philipp Walter, Head of Business Line Hydrogen Systems. "Actydon stands for activity, efficiency and stability, and by that we mean not only our catalysts but also the important contribution that precious metals have to make to the energy transition."





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