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Platinum and the Future of Green Flying

Could long-range, sustainable flights be on the horizon?

A German aviation company pilot recently conducted a 3-hour test flight with an electric plane using hydrogen fuel. This exciting news from H2Fly could be an important step toward significantly reducing the industry's carbon emissions. Rolls Royce and Airbus are also working on hydrogen fuel solutions.



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Why could this breakthrough be important to platinum? To get hydrogen fuel, water molecules are split into hydrogen and oxygen using electricity. This process requires either a platinum or an iridium catalyst.

Aviation accounted for 2% of global energy-related CO2 emissions in 2022 according to the international energy agency.

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About the Author

Jennifer Ropiak is a precious metals market specialist with over 30 years' experience, including 20 years of trading (15 at Morgan Stanley). In 2014, Jennifer launched Trusted Partner Metals, an independent consultancy whose clients span the metals industry. Services include expert witness opinions in precious metals cases.

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