

Away from energy dependencies - toward hydrogen and electromobility



Global net-zero targets require significant changes. This could also work with hydrogen.

Platinum plays a major role in the hydrogen sector. Green hydrogen will become more important now that there is a goal to replace gas imports from Russia. The energy transition and decarbonization can only be achieved with the use of various new technologies. The jewelry, industrial and automotive sectors are consumers of platinum and the future for the metal appears promising. In 2022, the World Platinum Investment Council projects an eight percent decline in total platinum supply. For one thing, mining supply declined. For another, recycling of platinum from used auto catalysts decreased by 20 percent in the second quarter of 2022. This was due to the semiconductor chip shortage and the resulting lower number of new cars available. So, cars were driven longer, and so recycling supply is shrinking.

But in the long term, we will see a normalization. Automotive demand for platinum in the second quarter of 2022 increased by eight percent. Platinum, along with palladium and gold, is a raw material produced, for example, by **Sibanye-Stillwater** - <https://www.youtube.com/watch?v=C4AuVwsTrhU> - (USA and Africa).

In the field of electromobility, cobalt is one of the most important raw materials for lithium-ion batteries. Cobalt, which for once does not come from the problem-ridden Congo, is available from **Mawson Gold** - <https://www.youtube.com/watch?v=0qzTdNdNUXg> -. The 100 percent owned Rajapalot gold-cobalt project is located in the north of Finland.

Current corporate information and press releases from Sibanye-Stillwater (- <https://www.resource-capital.ch/en/companies/sibanye-stillwater-ltd/> -) and Mawson Gold (- <https://www.resource-capital.ch/en/companies/mawson-gold-ltd/> -).

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