

Climate protection and energy independence

Hydrogen also has a role to play in the transition to sustainable energy, not just electromobility.

German Economics Minister Habeck's recent trip to Abu Dhabi focused on hydrogen. The Emirates can produce hydrogen from renewable energies at low cost. The establishment of a hydrogen supply chain to Germany has now been initiated. Various cooperation agreements have already been concluded. Habeck returned from the Emirates with a long-term energy partnership. This could help hydrogen-powered vehicles to take off. Fuel cell technology is particularly effective in heavy-duty transport. Fuel cell vehicles achieve long ranges, high payloads, and refueling is accomplished in a matter of minutes. Among the raw materials, platinum is the key element for the necessary fuel cells.

Platinum is produced, for example, by **Sibanye-Stillwater** - <u>https://www.youtube.com/watch?v=N1z3\_U98IJ8</u> - in its projects in South Africa, Zimbabwe and the USA. Palladium and gold are also produced. The company is also active in the battery metals sector.

Among the important raw materials for the planned decarbonization and for electromobility are the substances lithium and cobalt used in rechargeable batteries. Cobalt is also an important raw material in other areas. Nickel is also used in batteries, solar and wind energy, and it is an additive in the steel industry. Companies that have these necessary raw materials in the ground are well equipped for the lower-emission future.

**Canada Nickel Company** - <u>https://www.youtube.com/watch?v=1Tve3LSuYA8</u> - is one of them. Its Crawford nickel-cobalt project is located in Ontario. With Canada, the project is located in a mining-friendly region and the infrastructure is excellent.

Current corporate information and press releases from Sibanye-Stillwater (-<u>https://www.resource-capital.ch/en/companies/sibanye-stillwater-ltd/</u> -) and Canada Nickel Company (- <u>https://www.resource-capital.ch/en/companies/canada-nickel-company-inc/</u> -).

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