

# The Global Market for Hydrogen Technology and Production 2023-2033

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## Abstracts

Hydrogen technology and production is a key part of decarbonization strategies and a means to achieve direct electrification. The three main types of hydrogen are grey hydrogen, blue hydrogen and green hydrogen.

The Global Market for Hydrogen Technology and Production 2023-2033 covers all elements of this fast-growing market. Future market development and low-carbon innovation is driven by green hydrogen (electrolyzers) and blue hydrogen technologies. Other important elements include:

storing and transporting hydrogen.

hydrogen fuel cells.

hydrogen vehicles including taxis, planes and cars.

Report contents include:

Analysis of current hydrogen production (grey, brown etc.) and demand forecasts to 2033.

Market value chain and industry map.

Market drivers, trends and challenges.

Hydrogen production processes and costs.

Recent industry developments and investments and start-up funding.

Market analysis of hydrogen technology and production including blue hydrogen (from decarbonised natural gas), green hydrogen (from renewable power and electrolysis), carbon capture, hydrogen storage & transport, hydrogen fuel cells and hydrogen vehicles.

Profiles of 175 companies including multi-nationals, large corporations and start-ups. Companies profiled include Advanced Ionics, Electric Hydrogen, Enapter, FuelCell Energy, Heliogen, HiiROC, Ionomr Innovations, Monolith Materials, Ohmium, PowerCell Sweden, Thiozen and Verdagy.

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