

Global Hydrogen Economy: Merchant Hydrogen and Hydrogen Purification Technologies

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Abstracts

Report Scope:

The report covers the global market for technologies used in the supply, storage and distribution of hydrogen; its conversion to other forms of energy or direct consumption as a fuel; and miscellaneous other types of hydrogen-related technology, such as hydrogen sensors. The market figures represent estimated investment costs based on data from manufacturers and a variety of other sources. Projected and forecasted revenue values are in constant U.S. dollars, unadjusted for inflation.

Report Includes:

33 data tables and 43 additional tables

An overview of the technologies and opportunities for the hydrogen economy market

Analyses of global market trends, with data from 2021, estimates for 2022 and projections of compound annual growth rates (CAGRs) through 2027

Brief description about hydrogen economy, its definitions and characteristics and coverage of the market's dynamics, specifically growth drivers, inhibitors, and opportunities

Information on technologies used for production, storage, and distribution of hydrogen along with electrochemical energy conversion technologies

Identification of challenges and discussion on how to overcome from those to reach its commercialization potential

A look at the government programs and policies in support of the hydrogen economy

Information on recent mergers, acquisitions, collaborations, agreements, partnerships, product launches, and expansions in the market and a relevant patent analysis

Detailed company profiles of major players in the market, including Air Liquide, Cummins Inc., Engie S.A., ITM Power PLC and Linde Group

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