

Hydrogen Generation Market: Global Industry Analysis, Trends, Market Size, and Forecasts up to 2030

Market Report | 2023-03-30 | 100 pages | Infinium Global Research and Consulting Solutions

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Report description:

The report on the global hydrogen generation market provides qualitative and quantitative analysis for the period from 2021-2030. The report predicts the global hydrogen generation market to grow with a CAGR of above 5% over the forecast period from 2023-2030. The study on hydrogen generation market covers the analysis of the leading geographies such as North America, Europe, Asia Pacific, and RoW for the period of 2021-2030.

The report on hydrogen generation market is a comprehensive study and presentation of drivers, restraints, opportunities, demand factors, market size, forecasts, and trends in the global hydrogen generation market over the period of 2021-2030. Moreover, the report is a collective presentation of primary and secondary research findings.

Porter's five forces model in the report provides insights into the competitive rivalry, supplier and buyer positions in the market and opportunities for the new entrants in the global hydrogen generation market over the period of 2021-2030. Further, IGR-Growth Matrix given in the report brings an insight into the investment areas that existing or new market players can consider.

Report Findings

1) Drivers

- The rapidly growing adoption of clean-burning fuels is the major factor that drives the growth of the hydrogen generation market.
- The high demand for low carbon emission gases from oil and gas, chemical, automotive, and others is anticipated to escalate the growth of the hydrogen generation market.

2) Restraints

- The substantial production cost is restraining the growth of the market.

3) Opportunities

- The increasing technological advancements and high adoption by different industry verticals may create several opportunities for the growth of the market.

Research Methodology

A) Primary Research

Our primary research involves extensive interviews and analysis of the opinions provided by the primary respondents. The

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primary research starts with identifying and approaching the primary respondents, the primary respondents are approached include

1. Key Opinion Leaders associated with Infinium Global Research
2. Internal and External subject matter experts
3. Professionals and participants from the industry

Our primary research respondents typically include

1. Executives working with leading companies in the market under review
2. Product/brand/marketing managers
3. CXO level executives
4. Regional/zonal/ country managers
5. Vice President level executives.

B) Secondary Research

Secondary research involves extensive exploring through the secondary sources of information available in both the public domain and paid sources. At Infinium Global Research, each research study is based on over 500 hours of secondary research accompanied by primary research. The information obtained through the secondary sources is validated through the crosscheck on various data sources.

The secondary sources of the data typically include

1. Company reports and publications
2. Government/institutional publications
3. Trade and associations journals
4. Databases such as WTO, OECD, World Bank, and among others.
5. Websites and publications by research agencies

Segment Covered

The global hydrogen generation market is segmented on the basis of technology, application, and type.

The Global Hydrogen Generation Market by Technology

- Coal Gasification
- Steam Methane Reforming
- Partial Oxidation (POX)
- Electrolysis

The Global Hydrogen Generation Market by Application

- Methanol Production
- Ammonia Production
- Petroleum Refinery
- Transportation
- Power Generation
- Others

The Global Hydrogen Generation Market by Type

- Blue Hydrogen
- Grey Hydrogen
- Green Hydrogen

Company Profiles

The companies covered in the report include

- Air Products and Chemicals Inc.
- Air Liquide
- Linde plc
- ENGIE
- Siemens Energy

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- Messer Group
- Ballard Power Systems
- FuelCell Energy, Inc.
- Plug Power Inc.
- INOX-Air Products Inc.

What does this Report Deliver?

1. Comprehensive analysis of the global as well as regional markets of the hydrogen generation market.
2. Complete coverage of all the segments in the hydrogen generation market to analyze the trends, developments in the global market and forecast of market size up to 2030.
3. Comprehensive analysis of the companies operating in the global hydrogen generation market. The company profile includes analysis of product portfolio, revenue, SWOT analysis and latest developments of the company.
4. IGR- Growth Matrix presents an analysis of the product segments and geographies that market players should focus to invest, consolidate, expand and/or diversify.

Table of Contents:

Table of Content

Chapter 1. Preface

- 1.1. Report Description
- 1.2. Research Methods
- 1.3. Research Approaches

Chapter 2. Executive Summary

- 2.1. Hydrogen Generation Market Highlights
- 2.2. Hydrogen Generation Market Projection
- 2.3. Hydrogen Generation Market Regional Highlights

Chapter 3. Global Hydrogen Generation Market Overview

- 3.1. Introduction
- 3.2. Market Dynamics
 - 3.2.1. Drivers
 - 3.2.2. Restraints
 - 3.2.3. Opportunities
- 3.3. Porter's Five Forces Analysis
- 3.4. IGR-Growth Matrix Analysis
 - 3.4.1. IGR-Growth Matrix Analysis by Technology
 - 3.4.2. IGR-Growth Matrix Analysis by Application
 - 3.4.3. IGR-Growth Matrix Analysis by Type
 - 3.4.4. IGR-Growth Matrix Analysis by Region
- 3.5. Value Chain Analysis of Hydrogen Generation Market
- 3.6. TAM SAM SOM Analysis for Hydrogen Generation Market
 - 3.6.1. TAM SAM SOM Forecast Analysis (USD Billion) 2023-2030
 - 3.6.2. TAM
 - 3.6.3. SAM
 - 3.6.4. SOM

Chapter 4. Hydrogen Generation Market Macro Indicator Analysis

Chapter 5. Global Hydrogen Generation Market by Technology

5.1. Coal Gasification

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- 5.2. Steam Methane Reforming
- 5.3. Partial Oxidation (POX)
- 5.4. Electrolysis
- Chapter 6. Global Hydrogen Generation Market by Application
 - 6.1. Methanol Production
 - 6.2. Ammonia Production
 - 6.3. Petroleum Refinery
 - 6.4. Transportation
 - 6.5. Power Generation
 - 6.6. Others
- Chapter 7. Global Hydrogen Generation Market by Type
 - 7.1. Blue Hydrogen
 - 7.2. Grey Hydrogen
 - 7.3. Green Hydrogen
- Chapter 8. Global Hydrogen Generation Market by Region 2023-2030
 - 8.1. North America
 - 8.1.1. North America Hydrogen Generation Market by Technology
 - 8.1.2. North America Hydrogen Generation Market by Application
 - 8.1.3. North America Hydrogen Generation Market by Type
 - 8.1.4. North America Hydrogen Generation Market by Country
 - 8.2. Europe
 - 8.2.1. Europe Hydrogen Generation Market by Technology
 - 8.2.2. Europe Hydrogen Generation Market by Application
 - 8.2.3. Europe Hydrogen Generation Market by Type
 - 8.2.4. Europe Hydrogen Generation Market by Country
 - 8.3. Asia Pacific
 - 8.3.1. Asia Pacific Hydrogen Generation Market by Technology
 - 8.3.2. Asia Pacific Hydrogen Generation Market by Application
 - 8.3.3. Asia Pacific Hydrogen Generation Market by Type
 - 8.3.4. Asia Pacific Hydrogen Generation Market by Country
 - 8.4. RoW
 - 8.4.1. RoW Hydrogen Generation Market by Technology
 - 8.4.2. RoW Hydrogen Generation Market by Application
 - 8.4.3. RoW Hydrogen Generation Market by Type
 - 8.4.4. RoW Hydrogen Generation Market by Sub-region
- Chapter 9. Company Profiles and Competitive Landscape
 - 9.1. Competitive Landscape in the Global Hydrogen Generation Market
 - 9.2. Companies Profiles
 - 9.2.1. Air Products and Chemicals Inc.
 - 9.2.2. Air Liquide
 - 9.2.3. Linde plc
 - 9.2.4. ENGIE
 - 9.2.5. Siemens Energy
 - 9.2.6. Messer Group
 - 9.2.7. Ballard Power systems
 - 9.2.8. FuelCell Energy, Inc.
 - 9.2.9. Plug Power Inc.

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