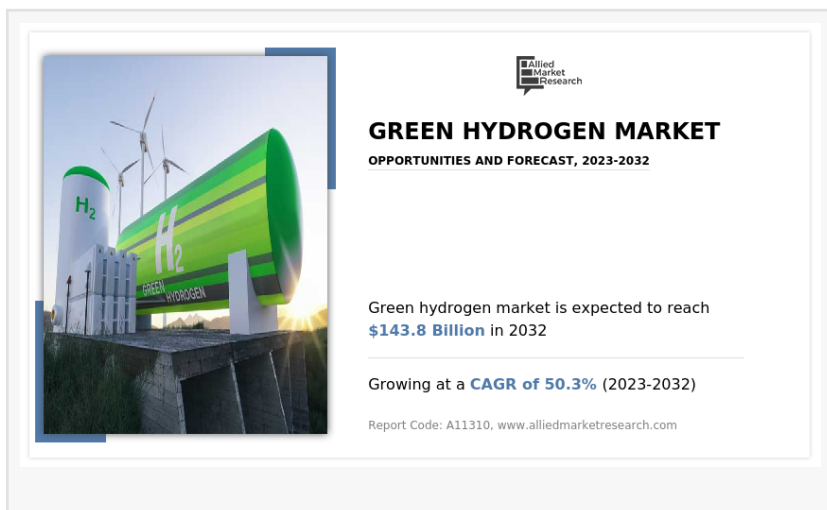


Green Hydrogen Market Expected to Target \$143.8 billion by 2032

Green Hydrogen: Unlocking the Potential of a Carbon-Free Energy Market

WILMINGTON, DE, UNITED STATES,
September 27, 2024 /
EINPresswire.com/ --

Allied Market Research recently published a report on the [green hydrogen market](#) which highlights that the industry accounted for \$2.5 billion in 2022 and is expected to gather a revenue of \$143.8 billion by 2032, thereby rising at a CAGR of 50.3% in the 2023-2032 period.



The AMR report also states that the industry is projected to witness huge growth in the analysis period owing to the increasing integration of green hydrogen in different sectors such as

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Advancements in renewable energy integration, and rising demand across industries such as transportation and energy storage, fostering global adoption and investment.”

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transportation, energy production, and manufacturing. Apart from the growth drivers and market restraints, the report also discusses region-specific growth studies, the latest developments, and technological advancements in the domain.

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Understanding the Changing Dynamics of the Industry

The green hydrogen market is a highly dynamic one with several factors influencing its growth rate. For example, the rapid pace of technological advancements in this sector is predicted to provide a major boost to this industry's growth. Additionally, increasing the use of green hydrogen for blending into natural gas infrastructure is projected to help the industry flourish in the coming period.

The AMR report also studies certain factors that create new investment opportunities for the companies in this domain. The report states that governments across the globe are collaborating with private businesses and research institutions to increase the adoption rate of green hydrogen. These public-private partnerships are expected to scale up the infrastructure related to green hydrogen, thus opening new avenues of growth in the sector. Also, the gradual decrease in costs of renewable energy sources is expected to play a part in this industry's expansion.

Regional Landscape

As part of its regional analysis, the AMR report covers the performance of the market across all the major regions of the globe including Asia-Pacific, North America, Europe, and LAMEA. As per the report, the Europe region is expected to experience major growth in the forecast period. As part of the European analysis, the report covers countries like Germany, Italy, Spain, and France, along with the rest of Europe.

The growing environmental awareness among people in this region has led to many initiatives being launched to mitigate climate change and achieve carbon neutrality by 2050. Furthermore, European countries are forming alliances among themselves to support innovations and technological advancements in the green hydrogen industry. The growing adoption of green hydrogen in different sectors such as transportation and manufacturing is predicted to open new avenues of growth in the domain.

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Segmentation

Based on application, transport segment held the highest market share in 2022, accounting for nearly half of the global green hydrogen market revenue, and is estimated to maintain its leadership status throughout the [green hydrogen market forecast](#).

Demand for transportation has steadily increased owing to population growth, urbanization, and economic development contributing to a rise in the number of vehicles and the need for efficient transportation systems.

The food and beverage segment are projected to manifest a CAGR of 51.6% from 2023 to 2032, and has significant proportion in green hydrogen market size. Rise in the food and beverage industry significantly influences the green hydrogen market, primarily due to intensive energy demand of the industry.

Food and beverage production requires substantial energy for processing, packaging, refrigeration, and transportation. Green hydrogen presents a sustainable solution to meet these escalating energy demands, especially in processes where direct electrification is not efficient.

Industry Updates

Many companies in the green hydrogen market have invested heavily in R&D activities and launched several products that have increased their foothold in the industry. For instance, in May 2024, INOX Air Products, a leading chemical manufacturing company, announced the launch of India's first green hydrogen plant for the glass industry in Rajasthan. The company released a statement saying that the plant will have an annual capacity of 190 tons of green hydrogen which will be manufactured using electrolysis processes.

In an innovative move, Lhyfe, a leading green hydrogen manufacturer, in April 2024, announced the launch of a green hydrogen marketplace through its online portal, Lhyfe Heroes. The launch of this online portal is in line with the company's commitment toward decarbonization and shift to green energy sources.

Buy This Report (605 Pages PDF with Insights, Charts, Tables, and Figures):

<https://bit.ly/4dqaUYq>

Key Players Profiled in the Market Report

The major companies profiled in [global green hydrogen industry](#) report include Green Hydrogen Systems, Air Liquide, Shell plc, Enapter S.r.l., Plug Power Inc., Ballard Power Systems, Linde plc, Reliance Industries, GAIL (India) Limited and Adani Green Energy Ltd.

To summarize, the AMR report on the green hydrogen market offers a comprehensive study of the industry segments, growth drivers, investment opportunities, and the latest developments in the sector. The actionable data provided in this report is primarily aimed at helping companies develop a deep understanding of the dynamics of the sector.

Trending Reports in Energy and Power Industry:

Green Hydrogen Market

<https://www.prnewswire.com/news-releases/green-hydrogen-market-to-reach-143-8-billion-globally-by-2032-at-50-3-cagr-allied-market-research-302016777.html>

Electrolyzer Market

<https://www.alliedmarketresearch.com/electrolyzer-market-A10609>

Biodiesel Market

<https://www.globenewswire.com/news-release/2024/04/05/2858571/0/en/Biodiesel-Market-to->

[Reach-70-9-billion-Globally-by-2032-at-3-4-CAGR-Allied-Market-Research.html](https://www.alliedmarketresearch.com/reach-70-9-billion-globally-by-2032-at-3-4-cagr-allied-market-research.html)

E-Fuel Market

<https://www.alliedmarketresearch.com/e-fuel-market-A12837>

Carbon Capture and Storage (CCS) in Power Generation Market

<https://www.prnewswire.com/news-releases/carbon-capture-and-storage-ccs-in-power-generation-market-to-reach-450-5-million-globally-by-2032-at-11-7-cagr-allied-market-research-302113010.html>

Carbon Capture, Utilization, and Storage (CCUS) Market

<https://www.alliedmarketresearch.com/carbon-capture-and-utilization-market-A12116>

Carbon Credit Trading Platform Market

<https://www.alliedmarketresearch.com/carbon-credit-trading-platform-market-A145082>

Carbon Capture Market

<https://www.alliedmarketresearch.com/carbon-capture-market-A175658>

Renewable Energy Market

<https://www.alliedmarketresearch.com/renewable-energy-market>

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Pawan Kumar, the CEO of Allied Market Research, is leading the organization toward providing high-quality data and insights. We are in professional corporate relations with various companies and this helps us in digging out market data that helps us generate accurate research data tables and confirms utmost accuracy in our market forecasting. Each and every data presented in the reports published by us is extracted through primary interviews with top officials from leading companies of domain concerned. Our secondary data procurement methodology includes deep

online and offline research and discussion with knowledgeable professionals and analysts in the industry.

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