

# Green Ammonia Market by Technology (Alkaline Water Electrolysis (AWE), Proton Exchange Membrane (PEM) Electrolysis, Solid Oxide Electrolysis), End-Use Application (Transportation, Power Generation, Industrial Feedstock) & Region - Global Forecast to 2030

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## Abstracts

The green ammonia market is estimated to grow from USD 0.3 billion in 2023 to USD 17.9 billion by 2030, at a CAGR of 72.9% during the forecast period. The primary drivers of the market include the rising demand for combined heat and power plants for small-scale applications.

“Solid oxide electrolysis technology segment to be fastest-growing market from 2023 to 2030”

The green ammonia market, by technology, is alkaline water electrolysis, proton exchange membrane electrolysis, and solid oxide electrolysis. The proton exchange membrane electrolysis is expected to be the second-largest segment as proton exchange membrane electrolysis has high efficiency in producing green hydrogen.

“Industrial Feedstocks, by application, expected to be largest market from 2023 to 2030”

The green ammonia market, by application, is bifurcated into power generation, transportation and industrial feedstocks. The industrial feedstocks segment is expected to be the largest market, followed by power generation during the forecast period. This dominance is because of the need for green fertilizers in agricultural industries.

### Breakdown of Primaries:

In-depth interviews have been conducted with various key industry participants, subject-matter experts, C-level executives of key market players, and industry consultants, among other experts, to obtain and verify critical qualitative and quantitative information, as well as to assess future market prospects. The distribution of primary interviews is as follows:

By Company Type: Tier 1- 60%, Tier 2- 25%, and Tier 3- 15%

By Designation: C-Level- 35%, Director Level- 25%, and Others- 40%

By Region: Asia Pacific – 30%, North America – 25%, Europe – 25%, and Rest of the World – 20%

Note: Other designations include sales managers, marketing managers, product managers, and product engineers.

The tier of the companies is defined based on their total revenue as of 2017. Tier 1: USD 1 billion and above, Tier 2: From USD 500 million to USD 1 billion, and Tier 3:

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