

Ammonia Market 2025, Size, Business Opportunities and Growth Prospect, 2033 | CAGR of 5.1%

The global ammonia market is projected to reach \$87.7 billion by 2033, growing at a CAGR of 5.1% from 2024 to 2033.

WILMINGTON, DE, UNITED STATES,
August 26, 2025 /EINPresswire.com/ -A recent report by Allied Market
Research offers an in-depth analysis of
the global ammonia market,
highlighting key trends, growth drivers,
and the overall market landscape. The
report explores major investment
prospects, market segmentation,
regional dynamics, value chain



analysis, and the competitive environment. According to the study, the industry is projected to rise at a CAGR of 5.1% from 2024 to 2033, generating revenue of \$87.7 billion by 2033. The sector was valued at \$53.2 billion in 2023.

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The report provides an in-depth examination of the primary factors driving the growth of the ammonia industry, while also highlighting the challenges that impede market expansion. It outlines emerging opportunities that could shape the market's future. In addition, the study covers various aspects of the market, including its structure, size, detailed market share projections, production & sales volumes, growth prospects, and potential risks and challenges.

Market dynamics

Rise in fertilizer demand significantly drives the growth of the ammonia market, fueled by global population growth, shift in dietary habits, and expansion in industrial agriculture. As the population is expected to rise by 25% from 2020 to 2050, agricultural productivity is also increasing, driving nitrogen fertilizer projected to grow by 40% by 2050. In addition, bioenergy crop cultivation further boosts demand for ammonia. In addition, sustainability efforts shape

market dynamics, with initiatives such as the EU Nitrogen Expert Panel and 4R Nutrient Stewardship promoting efficient fertilizer use and reduced environmental impact. The transition to green ammonia, produced using renewable energy, aligns with global decarbonization goals. Nonetheless, technological innovations such as electrolysis and methane pyrolysis introduce new opportunities and challenges amid raw material price volatility and rise in market competition.

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Exploring the multi-sector applications of ammonia

One of the largest end-use applications of ammonia is in agriculture, where approximately 88–90% of global production is dedicated to fertilizers such as ammonium nitrate, urea, ammonium phosphate, and ammonium sulfate. These fertilizers are essential for providing nitrogen to crops, significantly boosting yields and supporting global food production. Ammonia is used in liquid fertilizer solutions and as an antifungal agent and preservative for certain fruits, further highlighting its agricultural importance.

Beyond agriculture, ammonia has a wide range of industrial and household applications. It serves as an efficient refrigerant in large-scale industrial refrigeration systems, such as those used in food processing and cold storage, due to its excellent thermodynamic properties. Ammonia is a key ingredient in household and industrial cleaning products, valued for its ability to break down fats and oils. It is used in the manufacturing of chemicals (e.g., nitric acid, hydrogen cyanide), pharmaceuticals, textiles, and plastics, as well as in metal treatment processes such as nitriding and sintering. In addition, ammonia plays a role in emissions control, particularly in reducing nitrogen oxides in exhaust gases through selective catalytic reduction technology, and is used in laboratory settings for chemical synthesis, pH control, and as a reagent.

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Competitive landscape

The report presents a thorough assessment of the leading market players, emphasizing their competitive advantages. It offers valuable insights into their business strategies, product portfolios, operational segments, and recent advancements. In addition, the report features detailed profiles of prominent companies shaping the industry, including:

Hubei Yihua Group

CF Industries Holdings, Inc.,

EuroChem Group

Nutrien Ltd.,

Jinmei Group

Acron Group Limited,

Qatar Fertilizer Company,

PetroChina Group,

Yangmei Group,

TogliattiAzot

In conclusion, the AMR report on the ammonia industry delivers comprehensive insights into critical market dynamics, spotlighting key players and their effective strategies. It offers an indepth analysis of the competitive landscape using established tools such as Porter's Five Forces. The report empowers businesses with actionable intelligence and strategic data to support informed decisions and foster long-term growth.

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