

Ammonia Demand in Australia to Expand at 6.2% CAGR, Reaching US\$ 11,623.2 Billion by 2034

New South Wales attracts the ammonia industry with its location and infrastructure, while Victoria leverages its diverse industry and demand.

ROCKVILLE, MD, UNITED STATES,
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EINPresswire.com/ -- According to a new report by Fact.MR, the [ammonia industry in Australia](#) is projected to reach a valuation of US\$ 6,369.1 million by 2024, with demand expected to grow at a CAGR of 6.2% between 2024 and 2034. Rich natural gas reserves and robust agricultural demand, mostly for fertilizers, are the main drivers of Australia's ammonia industry.



The industry is currently undergoing a transition towards sustainability, despite being dominated by well-established firms in the production of ammonia and natural gas. The global focus on lowering carbon emissions is propelling innovations in green ammonia manufacturing techniques. In order to maintain equilibrium between conventional methods and sustainable developments in the ammonia ecosystem, the market is significantly shaped by industrial dynamics, trade ties, and environmental restrictions.

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Australia's ammonia sector is thriving because to its massive natural gas reserves, which are necessary for the Haber-Bosch process to produce ammonia. As a vital component of nitrogen-based fertilizers, which are essential for food production and exports, ammonia is in high demand due to the country's thriving agricultural sector. Furthermore, Australia's position as a prominent participant in the global ammonia industry is reinforced by its advantageous geographic location and solid trade relations. Innovation is being stimulated by the increased focus on sustainability, which is leading to a move towards green ammonia production in an

effort to reduce carbon emissions. Long-term competitiveness and environmental goals are guaranteed by the industry's flexibility in responding to new technology, such as renewable ammonia techniques.

Key Takeaways from the Market Study:

The ammonia market in Australia is anticipated to be valued at US\$11,623.2 million by 2034, with a compound annual growth rate (CAGR) of 6.2% predicted for demand between 2024 and 2034.

New South Wales's advantageous location, advanced infrastructure, and easy access to necessary resources all draw in the ammonia sector. Ammonia manufacturing thrives in an environment that is conducive to major industries, effective transportation systems, and supported utilities. The region is expected to have substantial growth, with its industrial value expected to increase at a 6.2% CAGR from US\$ 878.9 million in 2024 to US\$ 1,569.1 million by 2034, thanks to a favorable business climate and government regulations.

The ammonia sector in Victoria prospers due to the state's varied industrial landscape and rising demand for products made from ammonia. Industrial value is predicted to increase at a 5.4% CAGR from US\$ 522.3 million in 2024 to US\$ 883.4 million by 2034, driven by a strong manufacturing sector and effective supply networks. In an ever-changing market, suppliers gain from cooperation, flexibility in response to market developments, and regulatory compliance.

Key players in Ammonia Industry in Australia:

Key players in the ammonia industry in Australia are Yara International ASA; CF Industries Holdings, Inc; Nutrien Ltd; Incitec Pivot Ltd; CSBP Limited; Orica Limited and Wesfarmers Chemicals Energy & Fertilizers.

Factors Drive the Ammonia Industry in Australia

The expansion of the ammonia sector in Australia is largely due to its wealth of natural resources, especially its enormous natural gas reserves. Natural gas is readily available and is a vital raw ingredient for the Haber-Bosch process, which produces ammonia, which is necessary for the production of chemicals and fertilizer. Australia's position as a major participant in the global ammonia market is strengthened by the quantity of natural resources, which also increases its industrial competitiveness and production capacity.

Additionally, the need for ammonia is driven by Australia's booming agriculture industry. Ammonia is an essential component of nitrogen-based fertilizers that enhance soil fertility and promote crop development. The nation has a steady, high demand for ammonia due to its reliance on agriculture for both local food production and exports abroad. The ammonia industry and agriculture work together to promote strong industrial growth, which is consistent with Australia's emphasis on efficient and sustainable farming methods. Long-term growth and

sustainability are ensured by this dynamic partnership, which supports the ammonia industry's continued expansion.

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Competitive Landscape

Australia's ammonia industry is characterized by a competitive landscape dominated by key players in natural gas, ammonia production, and fertilizer manufacturing. Established companies capitalize on their expertise and robust infrastructure, while newer entrants focus on sustainability and technological innovations.

The dynamics of the industry are influenced by factors such as industrial demand, raw material prices, and economic conditions, maintaining a balance between traditional practices and the adoption of green technologies.

As the sector evolves, a combination of experience and innovation drives competition, with Australia's strategic position enhancing its role in the global ammonia market. This environment enables the industry to tackle challenges and seize opportunities, ensuring a resilient and adaptable competitive landscape.

Recent Developments in Australia's Ammonia Industry:

In November 2023, Allied Green Ammonia Pty Ltd (Allied) selected Topsoe's green ammonia technology to upgrade an ammonia plant in Gove, Northern Territory.

In May 2023, the Western Australian Government allocated land to Yara Clean Ammonia for the proposed Pilbara Hydrogen Hub, emphasizing Australia's commitment to clean hydrogen processing.

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Ammonia's Market: Ammonia market is expected to grow from a valuation of US\$ 129.7 billion in 2024 to US\$ 203.36 billion by the end of 2034, registering a steady CAGR of 4.6% over the forecast period.

[Natural Gas Industry Analysis in Australia](#): The natural gas industry in Australia is estimated to be valued at US\$ 24,563.5 million in 2024. Projections indicate a steady expansion with a CAGR of 2.8% through 2034. Anticipated growth is set to propel the industry to an impressive size of US\$ 33,943.1 million by 2034.

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Contact:

US Sales Office

11140 Rockville Pike

Suite 400

Rockville, MD 20852

United States

Tel: +1 (628) 251-1583, +353-1-4434-232 (D)

Sales Team: sales@factmr.com

S. N. Jha

Fact.MR

+ +1 628-251-1583

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