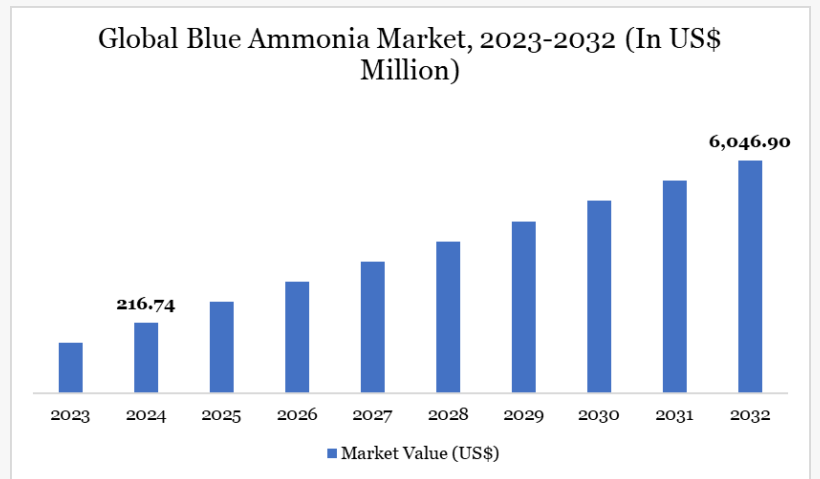


United States Blue Ammonia Market Forecast To Hit US\$6,255M by 2031

Blue Ammonia Market Accelerates as U.S.-Japan Collaboration Deepens

HOUSTON, TX, UNITED STATES,
September 15, 2025 /
EINPresswire.com/ -- Market Size and Forecast

The [Blue Ammonia Market](#), a key enabler of clean energy transition, is gaining momentum. After reaching a global valuation of US\$ 216.74 million in 2024, the market is forecasted to surge at an unprecedented CAGR of 55%, potentially exceeding US\$ 6,255 million by 2032, at a CAGR 51.60% This explosive growth is driven by enhanced technological maturity, regulatory support, and major strategic investments especially across the U.S. and Japan.



Blue Ammonia Market Size

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In the USA, blue ammonia projects thrive in Houston & Port Arthur, Texas, while Japan focuses on Kawasaki & Kitakyushu.”

*DataM Intelligence 4Market
Research LLP*

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Market Snapshot: U.S. & Japan Dynamics

- United States: The U.S. remains central to market expansion, led by strategic projects like the Blue Point Complex a joint venture by CF Industries (40%), JERA (35%),

and Mitsui (25%) to build a 1.4 million-ton-per-year blue ammonia facility in Louisiana, valued at USD 4 billion, with production slated to begin in 2029.

- Japan: Japan’s energy decarbonization strategy is fueling interest in blue ammonia imports. The government is rolling out Contracts for Difference (CfD) subsidies and supporting infrastructure development to integrate low-carbon fuels into its energy mix Additionally, INPEX has initiated

the commissioning of its blue hydrogen and ammonia facility marking another key step in domestic production capability.

1. Key Developments

- **Final Investment Decision (FID):** In April 2025, JERA confirmed final investment in the U.S.-based “Blue Point” project, solidifying one of the largest-scale blue ammonia production plants globally.
- **Supply Agreement Impact:** In a related move, ExxonMobil agreed to supply 250,000 tonnes of low-carbon ammonia annually to Marubeni, reinforcing industrial ties between U.S. production and Japanese demand.
- **Project Commissioning in Japan:** INPEX entered the commissioning phase for its integrated blue hydrogen and ammonia project, signaling technological progress and operational readiness in the Japanese market

2. M&A & Strategic Collaborations

While no new acquisitions were reported recently, landmark partnerships—such as CF Industries with JERA and Mitsui and offtake agreements with ExxonMobil demonstrate expanding global supply chains and cross-border collaboration driving market scale and stability.

3. Policy Climate: U.S. & Japan

- **United States:** Blue ammonia is benefiting from federal incentives such as the 45V Clean Hydrogen Tax Credit, although recent tariff and subsidy uncertainties could affect project timelines and cost structures
- **Japan:** Under METI’s blue ammonia and hydrogen roadmap, the government is enabling infrastructure build-out and CfD subsidies to ensure affordability and scale of imported blue ammonia core to its decarbonization strategy

4. Market Trends & Historical Context

- **2024 Valuation:** USD 2.74 billion.
- **Near-Term Projection 2025:** USD 4.25 billion expected.
- **Long-Term Outlook 2034:** Potential for exponential growth to ~USD 458 billion at a massive CAGR of ~55% .
- **Alternative Projections:** IMARC forecast suggests a more conservative growth path toward USD 16.6 billion by 2034.

DataM Intelligence Perspective & Recommendations

Insight: Blue ammonia is fast becoming a cornerstone of low-carbon transition strategies, bridging existing infrastructure with cleaner energy supply. The U.S. is emerging as a production hub, while Japan positions itself as a strategic importer, backed by government support and financing frameworks like JBIC and CfDs.

Recommendations:

1. Secure Infrastructure: Support blue ammonia value chains via investment in CCS, shipping, and bunkering to sustain long-term growth.
2. Strengthen Demand Signals: Encourage governments and industrial stakeholders to formalize long-term offtake agreements—reducing investment risk.
3. Foster Innovation & Cost Reductions: Promote R&D in CCS and production efficiency to bring down project-level costs and enhance competitiveness.
4. Advance Regulatory Clarity: Advocate for stable, transparent policies in both the U.S. and Japan to sustain investor confidence and project momentum.

“Blue ammonia stands at the frontier of clean energy, offering hope for decarbonizing hard-to-abate sectors. Market leaders who navigate infrastructure, policy, and cost effectively will anchor this transition,” says the DataM Intelligence research team.

Market Segments:

By Product Type: (Herbal Extracts, Vitamins & Minerals, Natural Molecules),

By Supplement Form: (Tablets, Capsules, Others)

By Application: (Memory Enhancement, Mood & Depression, Attention & Focus, Longevity & Anti-aging, Sleep & Recovery, Anxiety)

By Age Group: (Geriatric, Adults, Pediatrics)

By Distribution Channel: (Supermarkets & Hypermarkets, Drug Stores, Online Stores)

By Region: (North America, Latin America, Europe, Asia Pacific, Middle East, and Africa)

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