

The Global Ammonia Market 2027-2037

<https://marketpublishers.com/r/G1BA1751448CEN.html>

Date: June 2026

Pages: 154

Price: US\$ 1,500.00 (Single User License)

ID: G1BA1751448CEN

Abstracts

The Global Ammonia Market 2027–2037 is a comprehensive analysis of an industry in transition, examining ammonia in both its established role as the foundation of nitrogen fertilizer and its emerging role as a low-carbon energy vector. Built systematically against a detailed framework, the report serves producers, technology providers, project developers, investors, offtakers, policymakers and analysts who require a single authoritative reference on where the market stands and how it is likely to evolve over the coming decade.

The report covers:

Production technologies and pathways — conventional grey and black ammonia, blue ammonia with carbon capture, green ammonia via electrolysis, and emerging routes including plasma synthesis, electrochemical nitrogen reduction, novel catalysts and nuclear-powered production, alongside modular and decentralized models.

Economics and cost analysis — levelized production costs by pathway, the shift from operating-cost to capital-cost risk profiles, cost-parity timelines by region, sensitivity to gas prices, renewable electricity, carbon pricing and tariffs, and the offtake bottleneck constraining project finance.

Demand by application — fertilizer and agriculture, marine fuel, hydrogen carrier and cracking, power generation and energy storage, and industrial uses, with the regulatory and technological drivers behind each.

Infrastructure, transport, storage and trade — existing shipping and port networks, storage systems, global trade flows, the repurposing of assets, and emerging trade corridors.

Geopolitics and supply-chain risk — natural gas dependence, the legacy of recent supply disruptions, chokepoint exposure, reshoring, and the links between ammonia, energy security and food security.

Policy, regulation and certification — incentive schemes, carbon border mechanisms, certification frameworks and the regulatory gaps exposed by cross-border trade.

Regional market analysis — China, North America, the Middle East, India, Europe, Australia, Japan and South Korea, and the rest of the world.

Project pipeline and capacity forecasts — announced versus financed capacity, blue-versus-green project maturity, major project profiles, and scenario-based build-out forecasts.

Price forecasts and market outlook — pricing by grade and region, the evolution of the green premium, supply-demand balances and bull, base and bear cases.

Barriers, risks and challenges — cost, financing, intermittency, technology scaling, infrastructure, offtake, downstream emissions and policy uncertainty.

Company profiles — detailed assessments of producers, energy players, project developers, technology providers, innovators and offtakers across the value chain. Companies profiled include ACME Group, Air Liquide, Air Products and Chemicals, AM Green, Ammobia, Amogy, Atmonia, Baker Hughes, Barents Blue / Horizont Energi, BASF, BP, CatAmmon Technologies, CF Industries, Chambal Fertilisers and Chemicals, Clean Hydrogen Works, CNPC, Copenhagen Infrastructure Partners, EET Hydrogen, Eneus Energy, Envision Energy, Equinor, EuroChem Group, ExxonMobil, Faraday Earth, Fertiglobe, FuelPositive, GSFC, H2SITE, IFFCO, John Cockerill, Jupiter Ionics, Koch Ag & Energy Solutions, LSB Industries, L&T Energy GreenTech, Ma'aden, MAN Energy Solutions, Neology, NEOM Green Hydrogen Company, NitroFix and more.....

The report includes extensive tables and figures, full appendices with a glossary, methodology, scenario assumptions and a complete project database, and a thematically organised reference list.

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