



Market Analytics: Ammonia - 2022

Market Analytics: Ammonia - 2022 is one in a series of reports published as part of NexantECA's Markets & Profitability program.

Market Analytics: Ammonia - 2022 report provides an in-depth analysis of ammonia industry. Ammonia demand is segmented by key end-use including:

- Urea
- Ammonium Nitrate Fertilisers
- Industrial
- Marine Fuels
- Ammonium Phosphate Fertilisers
- Other fertilizers and emerging uses

To be Published: September 2022

Along with the written report, NexantECA's Online Database includes supply, demand and trade analysis for 40 countries and global capacity listings updated on a monthly basis.

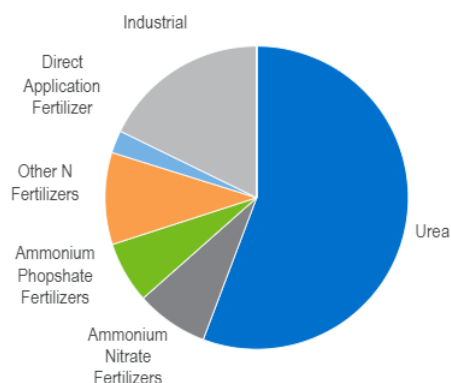
Report Abstract:

Ammonia, one of the world's most synthesised chemicals, production reached nearly 190 million tons in 2021.

Ammonia is heavily influenced by consumption in a broad range of fertilizer products. Globally, more than half of ammonia is used for urea production and over 80 percent is used in fertilizer production.

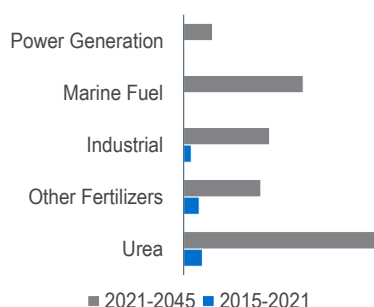
Fertilizer demand is traditionally driven by population size, however the population growth rate is typically uniform, and supports a fairly consistent year-on-year ammonia demand growth. However, there are other factors which influence demand growth including economic growth and government policies (e.g., fertilizer subsidies tariffs and environmental regulations) and farmers tend to apply fertilizers less prodigiously during economic downturns and during extreme weather events.

Global Demand for Ammonia by End-Use



Note: Industrial applications include synthetic resins (urea-based), synthetic fibres (acrylics and nylons), polyurethanes, explosives (ammonium nitrate-based) and refrigeration.

Global Ammonia Demand by End-Use



Ammonia production is highly energy intensive and due to the massive annual production accounts for 1.8 percent of global carbon dioxide emissions. However through development of green and blue technology, ammonia has the potential to be applied as a zero carbon fuel or long term energy carrier similar to traditional fossil fuels.

NexantECA has utilized its long standing knowledge in the energy and fuels sector to forecast the consumption of ammonia in emerging end uses including marine fuels and power generation.

Although this report focuses on the ammonia market as a whole, i.e. will not differentiate between the differing grades of ammonia, NexantECA has developed supply, demand and trade models for more sustainable alternatives:

- Blue ammonia: Grey ammonia but with carbon capture and storage technology applied to the processes
- Green ammonia: Zero-carbon ammonia, made using sustainable electricity, water and air.

Find out more with our new **Market Scenario Planning: Renewable Ammonia** report.

For more information contact us at Markets@NexantECA.com or www.NexantECA.com



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Note: Urea supply/demand/trade analysis is also available within the Client (Excel) File.

Each region/country is further segmented by:

- **Consumption:** Assesses historic and forecast consumption; forecasts are based on projections of end use and economic activity.
- **Supply:** Includes a list of all producers, their production capacity, location, etc., and discussion of the status of new projects.
- **Supply, Demand and Trade:** Provides historical analysis and forecasts to 2045 of consumption, production, imports/exports, inventory build-up/decline, capacity and capacity utilization.

This analysis will identify the issues shaping the industry, as well as provide an independent appraisal of the market.

For related analysis, please refer to:

[Market Analytics: Methanol and Derivatives](#)
[Market Scenario Planning: e-Methanol](#)
[Market Insights: Ammonia](#)
[Profitability and Price Forecasts: Ammonia](#)

Subscription Details:

Subscription to **Market Analytics: Ammonia - 2022** includes:

- 12 month access via the NexantECA website, to:
 - Unlimited downloads of PDF reports
 - Downloadable data in Excel from the Online Database
- Webinar
- Consultation time with the project team

Customized subscriptions are also available.

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NexantECA Subscriptions and Reports provide clients with comprehensive analytics, forecasts and insights for the chemicals, polymers, energy and cleantech industries. Using a combination of business and technical expertise, with deep and broad understanding of markets, technologies and economics, NexantECA provides solutions that our clients have relied upon for over 50 years.

Markets and Profitability tracks over 60 feedstocks, petrochemicals, polymers, chemical intermediates and fertilizers on an ongoing basis and provides regularly updated reports covering all commercial aspects of these global industries. The accompanying database, provides global analysis and forecasts in two major inter-related areas: **Markets and Profitability**.

NexantECA serves its clients from over 10 offices located throughout the Americas, Europe, the Middle East, Africa and Asia.

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