



Market Analytics: Ammonia - 2024

Market Analytics: Ammonia - 2024 is one in a series of reports published as part of NexantECA's Markets & Profitability program.

Market Analytics: Ammonia - 2024 report provides an in-depth analysis of the ammonia industry. Ammonia demand is segmented by key end-use including:

- Urea
- Ammonium Nitrate Fertilizers
- Ammonium Phosphate Fertilizers
- Emerging End-Use: Marine Fuel
- Emerging End-Use: Hydrogen Carrier

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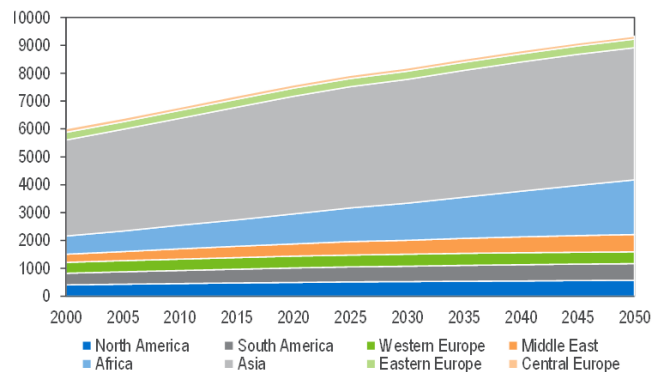
Along with the written report, NexantECA's Online Database includes supply, demand and trade analysis for 40 countries and global capacity listings updated on a monthly basis.

Report Abstract:

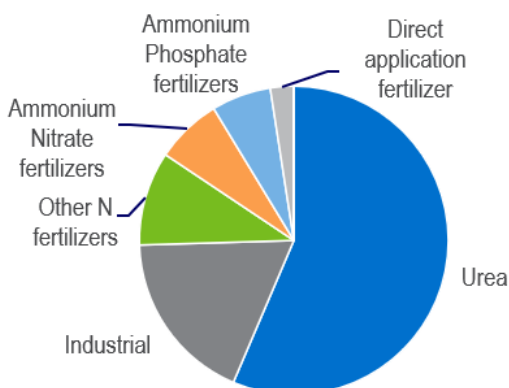
The ammonia industry is particularly important especially in countries with significant availability of feedstocks such as natural gas and coal. The principal application of ammonia is within the fertilizer sector, which is critical to agricultural production and the wider world economy.

Global ammonia consumption is driven primarily by urea consumption, which in turn is mainly a function of fertilizer demand. Fertilizer demand growth has historically been linked to food consumption through GDP and population growth. This trend is expected to continue in the short to medium term, although in the long term the dynamic is expected to shift as blue or green ammonia is used as carbon free fuel in industrial shipping or energy generation.

**Global Population Growth
(Million Persons)**



Global Ammonia Demand, 2024



Ammonia is a key intermediate for fertilizers such as urea, ammonium nitrate, ammonium phosphate and NPK compounds as well as a variety of industrial applications such as synthetic resins (urea-based), synthetic fibres (acrylics and nylons), polyurethanes, explosives (ammonium nitrate-based) and refrigeration.

Ammonia has also become the focus of global discussion due to its potential in decarbonization. It is being considered as an alternative to fossil fuels for power generation, marine fuels, and a suitable hydrogen carrier.

Despite ammonia production being responsible for two percent of the world's carbon dioxide emissions, ammonia has the potential to decarbonise other industries as a zero-carbon alternative to traditional energy carriers and fossil fuels. Development of blue and green ammonia has also made strides in the past few years supported by growing demand for renewable fuels ammonia's potential to decarbonize other industries. In the report, both conventional and emerging end-uses are discussed in detail and demand growth is forecast to 2050, helping companies to better understand the ammonia and urea market and position themselves for the future.

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- A. Methodology
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Chapters 3 to 6 are segmented by key region:

- North America
- South America
- Western Europe
- Central Europe
- Eastern Europe
- Middle East
- Africa
- Asia Pacific

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 2050 of consumption, production, imports/exports, 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:

- [Profitability and Price Forecasts: Ammonia](#)
- [Market Analytics: Urea](#)
- [Quarterly Business Analysis](#)

Subscription Details:

Subscription to **Market Analytics: Ammonia - 2024** 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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The **Markets and Profitability** program comprises of the well-known Petroleum and Petrochemical Economics (PPE), Polyolefins Planning Service (POPS), Strategic Business Analysis (SBA) and World Gas Analytics (WGAS).

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**.

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