

# Global Nanocrystalline Cellulose Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

<https://marketpublishers.com/r/G28E9C69099FEN.html>

Date: July 2024

Pages: 118

Price: US\$ 3,480.00 (Single User License)

ID: G28E9C69099FEN

## Abstracts

According to our (Global Info Research) latest study, the global Nanocrystalline Cellulose market size was valued at USD 1218.2 million in 2023 and is forecast to a readjusted size of USD 1778 million by 2030 with a CAGR of 5.6% during review period.

Nanocellulose is a cellulose derived product that offers higher structural, mechanical, and rheological properties compared to its counterparts. Its unique properties include low gas permeability, high tensile strength, biodegradability, rheological modification, and high water vapor transmission rate. Nanocellulose is employed in numerous end-user industries such as composites, paper processing, food & beverages, paints & coatings, and oil & gas. North America and Europe are the leading regions in terms of demand for nanocellulose.

The report estimates and forecasts the nanocellulose market on the global, regional, and country level. The study provides forecast from 2015 to 2023 based on volume (Tons) and revenue (US\$ Thousand). The report comprises an exhaustive value chain analysis, which provides a comprehensive view of the market. Value chain analysis also offers detailed information about value addition at each stage.

The Global Info Research report includes an overview of the development of the Nanocrystalline Cellulose industry chain, the market status of Composites (Nanofibrillated Cellulose, Nanocrystalline Cellulose), Paper Processing (Nanofibrillated Cellulose, Nanocrystalline Cellulose), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Nanocrystalline Cellulose.

Regionally, the report analyzes the Nanocrystalline Cellulose markets in key regions. North America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global Nanocrystalline Cellulose market, with robust domestic demand, supportive policies, and a strong manufacturing base.

#### Key Features:

The report presents comprehensive understanding of the Nanocrystalline Cellulose market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the Nanocrystalline Cellulose industry.

The report involves analyzing the market at a macro level:

**Market Sizing and Segmentation:** Report collect data on the overall market size, including the sales quantity (K MT), revenue generated, and market share of different by Type (e.g., Nanofibrillated Cellulose, Nanocrystalline Cellulose).

**Industry Analysis:** Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the Nanocrystalline Cellulose market.

**Regional Analysis:** The report involves examining the Nanocrystalline Cellulose market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

**Market Projections:** Report covers the gathered data and analysis to make future projections and forecasts for the Nanocrystalline Cellulose market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Nanocrystalline Cellulose:

**Company Analysis:** Report covers individual Nanocrystalline Cellulose manufacturers, suppliers, and other relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios, partnerships, and

strategies.

**Consumer Analysis:** Report covers data on consumer behaviour, preferences, and attitudes towards Nanocrystalline Cellulose. This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Composites, Paper Processing).

**Technology Analysis:** Report covers specific technologies relevant to Nanocrystalline Cellulose. It assesses the current state, advancements, and potential future developments in Nanocrystalline Cellulose areas.

**Competitive Landscape:** By analyzing individual companies, suppliers, and consumers, the report presents insights into the competitive landscape of the Nanocrystalline Cellulose market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

**Market Validation:** The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

## Market Segmentation

Nanocrystalline Cellulose market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value.

### Market segment by Type

Nanofibrillated Cellulose

Nanocrystalline Cellulose

Bacterial Nanocellulose

### Market segment by Application

Composites

Paper Processing

Food & Beverages

Paints & Coatings

Personal Care

Others

#### Major players covered

Axcelon Biopolymers

Borregaard ASA

CelluForce

DIACEL FINECHEM

Innventia

Melodea

Nippon Paper Industries

Oji Holdings

Stora Enso

UPM-Kymmene

#### Market segment by region, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Nanocrystalline Cellulose product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Nanocrystalline Cellulose, with price, sales, revenue and global market share of Nanocrystalline Cellulose from 2019 to 2024.

Chapter 3, the Nanocrystalline Cellulose competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Nanocrystalline Cellulose breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2019 to 2030.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2019 to 2030.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value and market share for key countries in the world, from 2017 to 2023. and Nanocrystalline Cellulose market forecast, by regions, type and application, with sales and revenue, from 2025 to 2030.

Chapter 12, market dynamics, drivers, restraints, trends and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Nanocrystalline Cellulose.

Chapter 14 and 15, to describe Nanocrystalline Cellulose sales channel, distributors,

customers, research findings and conclusion.

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