

# Europe Needle Coke Market: Focus on Application, Type, Grade, End Use, and Country-Level Analysis - Analysis and Forecast, 2023-2033

<https://marketpublishers.com/r/EA37184FB0A6EN.html>

Date: November 2024

Pages: 0

Price: US\$ 3,250.00 (Single User License)

ID: EA37184FB0A6EN

## Abstracts

Hard copy option is available on any of the options above at an additional charge of \$500. Please email us at [order@marketpublishers.com](mailto:order@marketpublishers.com) with your request.

This report will be delivered in 7-10 working days. Introduction to Europe Needle Coke Market

The Europe needle coke market was valued at \$636.9 million in 2023, and it is expected to grow at a CAGR of 6.31% and reach \$1,173.9 million by 2033. Infrastructure development, economic expansion, urbanization, industrialization, and the growing need for steel and electric vehicles all have an impact on the European market. However, issues like infrastructure constraints, economic instability, regulatory irregularities, and global uncertainty stand in the way of the region's further development.

### Market Introduction

An integral part of the worldwide petrochemical and energy industries, needle coke is mostly utilized in the manufacturing of electric arc furnace (EAF) electrodes and as a vital component of lithium-ion batteries and other high-performance goods. A high-purity carbon substance, needle coke is distinguished by its exceptional crystalline structure, which provides it with exceptional conductivity and stability in harsh environments. It is essential to the creation of graphite electrodes, which are used in EAFs to produce steel and are indispensable.

The growing need for steel, particularly in emerging nations, and the electric vehicle

(EV) sector's explosive expansion, which is driving up demand for lithium-ion batteries, are the main factors propelling the Europe needle coke market. Furthermore, the growing use of steelmaking in electric arc furnaces methods, which require high-quality electrodes, is further fueling market expansion.

The market is confronted with obstacles, nonetheless, including restricted production capacity, shifting raw material prices, and manufacturing-related environmental issues. Notwithstanding these obstacles, the market is anticipated to expand gradually due to the continuous development of technology, rising investments in the electric vehicle industry, and the growing trend toward cleaner and more effective energy sources.

Increasing manufacturing technologies, raising the quality of the material, and growing supply chains are the main goals of major companies in the needle coke market in order to satisfy demand worldwide.

#### Market Segmentation:

##### Segmentation 1: by Application

Graphite Electrodes

Lithium-Ion Battery Anode

Specialty Carbon Products

Others

##### Segmentation 2: by End Use

Aluminium and Steel Industry

Automotive Industry

Other Industrial

##### Segmentation 3: by Type

Oil-Based

Coal-Based

#### Segmentation 4: by Grade

Intermittent Grade

Premium Grade

Super-Premium Grade

#### Segmentation 5: by Region

Europe: Germany, France, Italy, U.K., and Rest-of-Europe

How can this report add value to an organization?

**Product/Innovation Strategy:** The product segment helps the reader understand the different grades and types. Moreover, the study provides the reader with a detailed understanding of the Europe needle coke market based on the end user.

**Growth/Marketing Strategy:** The Europe needle coke market has seen major development by key players operating in the market, such as business expansions, partnerships, collaborations, mergers and acquisitions, and joint ventures. The company's favored strategy has been product developments, business expansions, and acquisitions to strengthen its position in the needle coke market.

## Contents

Executive Summary  
Scope and Definition

### 1 MARKETS

- 1.1 Trends: Current and Future Impact Assessment
  - 1.1.1 Trends: Overview
  - 1.1.2 Surging Electric Vehicle Sales
  - 1.1.3 Growing Demand for Solid-State Lithium-Metal Batteries
- 1.2 Supply Chain Overview
  - 1.2.1 Value Chain Analysis
  - 1.2.2 Market Map
- 1.3 Research and Development Review
  - 1.3.1 Patent Filing Trend (by Number of Patents and Country)
- 1.4 Regulatory Landscape
- 1.5 Impact Analysis for Key Global Events - COVID-19 and Russia-Ukraine War
- 1.6 Recent Developments by Key Players in the Needle Coke Market
- 1.7 Market Dynamics Overview
  - 1.7.1 Market Drivers
    - 1.7.1.1 Carbon Reduction Mandates and Environmental Standards
    - 1.7.1.2 Surging Demand for Graphite Electrodes
    - 1.7.1.3 Growth in Aluminum Production
  - 1.7.2 Market Challenges
    - 1.7.2.1 Spiraling Raw Material Prices
    - 1.7.2.2 Expansion of Production Capacity
  - 1.7.3 Market Opportunities
    - 1.7.3.1 Vertical Integration of Needle Coke Business
    - 1.7.3.2 Evolution of Needle Coke in UHP Graphite Electrode Applications

### 2 REGIONS

- 2.1 Regional Summary
- 2.2 Europe
  - 2.2.1 Regional Overview
  - 2.2.2 Driving Factors for Market Growth
  - 2.2.3 Factors Challenging the Market
  - 2.2.4 Demand-Supply Analysis in Europe

- 2.2.5 Application
- 2.2.6 Product
- 2.2.7 Europe (by Country)
  - 2.2.7.1 Germany
  - 2.2.7.2 France
  - 2.2.7.3 U.K.
  - 2.2.7.4 Italy
  - 2.2.7.5 Rest-of-Europe

### **3 MARKETS - COMPETITIVE BENCHMARKING & COMPANY PROFILES**

- 3.1 Next Frontiers
- 3.2 Geographic Assessment

### **4 RESEARCH METHODOLOGY**

- 4.1 Data Sources
  - 4.1.1 Primary Data Sources
  - 4.1.2 Secondary Data Sources
  - 4.1.3 Data Triangulation
- 4.2 Market Estimation and Forecast

## List Of Figures

### LIST OF FIGURES

- Figure 1: Europe Needle Coke Market (by Application), 2022, 2026, and 2033
- Figure 2: Europe Needle Coke Market (by End Use), 2022, 2026, and 2033
- Figure 3: Europe Needle Coke Market (by Type), 2022, 2026, and 2033
- Figure 4: Europe Needle Coke Market (by Grade), 2022, 2026, and 2033
- Figure 5: Needle Coke Market, Recent Developments
- Figure 6: Sale of Electric Cars, Million Units, 2020-2022
- Figure 7: Supply Chain and Risks within the Supply Chain
- Figure 8: Value Chain Analysis
- Figure 9: Patent Analysis (by Number of Patents), January 2020-December 2023
- Figure 10: Patent Analysis (by Countries), January 2020-December 2023
- Figure 11: Impact Analysis of Market Navigating Factors, 2023-2033
- Figure 12: Primary Aluminum Production, Thousand Metric Tons, 2020-2023
- Figure 13: Germany Needle Coke Market, \$Million, 2022-2033
- Figure 14: France Needle Coke Market, \$Million, 2022-2033
- Figure 15: U.K. Needle Coke Market, \$Million, 2022-2033
- Figure 16: Italy Needle Coke Market, \$Million, 2022-2033
- Figure 17: Rest-of-Europe Needle Coke Market, \$Million, 2022-2033
- Figure 18: Strategic Initiatives, 2020-2023
- Figure 19: Share of Strategic Initiatives, 2020-2023
- Figure 20: Data Triangulation
- Figure 21: Top-Down and Bottom-Up Approach
- Figure 22: Assumptions and Limitations

## List Of Tables

### LIST OF TABLES

Table 1: Market Snapshot

Table 2: Needle Coke Market, Opportunities across Regions

Table 3: Major Key Investor of Solid-State Batteries

Table 4: Needle Coke Market (by Region), Kilotons, 2022-2033

Table 5: Needle Coke Market (by Region), \$Million, 2022-2033

Table 6: Needle Coke Supply (by Region), Kilotons, 2022-2033

Table 7: Needle Coke Demand-Supply (by Type), Kilotons, 2022-2033

Table 8: Europe Needle Coke Demand-Supply (Supply - Demand), Kilotons, 2022-2033

Table 9: Europe Needle Coke Market (by Application), Kilotons, 2022-2033

Table 10: Europe Needle Coke Market (by Application), \$Million, 2022-2033

Table 11: Europe Needle Coke Market (by End Use), Kilotons, 2022-2033

Table 12: Europe Needle Coke Market (by End Use), \$Million, 2022-2033

Table 13: Europe Needle Coke Market (by Type), Kilotons, 2022-2033

Table 14: Europe Needle Coke Market (by Type), \$Million, 2022-2033

Table 15: Europe Needle Coke Market (by Grade), Kilotons, 2022-2033

Table 16: Europe Needle Coke Market (by Grade), \$Million, 2022-2033

Table 17: Germany Needle Coke Market (by Application), Kilotons, 2022-2033

Table 18: Germany Needle Coke Market (by Application), \$Million, 2022-2033

Table 19: Germany Needle Coke Market (by End Use), Kilotons, 2022-2033

Table 20: Germany Needle Coke Market (by End Use), \$Million, 2022-2033

Table 21: Germany Needle Coke Market (by Type), Kilotons, 2022-2033

Table 22: Germany Needle Coke Market (by Type), \$Million, 2022-2033

Table 23: Germany Needle Coke Market (by Grade), Kilotons, 2022-2033

Table 24: Germany Needle Coke Market (by Grade), \$Million, 2022-2033

Table 25: France Needle Coke Market (by Application), Kilotons, 2022-2033

Table 26: France Needle Coke Market (by Application), \$Million, 2022-2033

Table 27: France Needle Coke Market (by End Use), Kilotons, 2022-2033

Table 28: France Needle Coke Market (by End Use), \$Million, 2022-2033

Table 29: France Needle Coke Market (by Type), Kilotons, 2022-2033

Table 30: France Needle Coke Market (by Type), \$Million, 2022-2033

Table 31: France Needle Coke Market (by Grade), Kilotons, 2022-2033

Table 32: France Needle Coke Market (by Grade), \$Million, 2022-2033

Table 33: U.K. Needle Coke Market (by Application), Kilotons, 2022-2033

Table 34: U.K. Needle Coke Market (by Application), \$Million, 2022-2033

Table 35: U.K. Needle Coke Market (by End Use), Kilotons, 2022-2033

Table 36: U.K. Needle Coke Market (by End Use), \$Million, 2022-2033
Table 37: U.K. Needle Coke Market (by Type), Kilotons, 2022-2033
Table 38: U.K. Needle Coke Market (by Type), \$Million, 2022-2033
Table 39: U.K. Needle Coke Market (by Grade), Kilotons, 2022-2033
Table 40: U.K. Needle Coke Market (by Grade), \$Million, 2022-2033
Table 41: Italy Needle Coke Market (by Application), Kilotons, 2022-2033
Table 42: Italy Needle Coke Market (by Application), \$Million, 2022-2033
Table 43: Italy Needle Coke Market (by End Use), Kilotons, 2022-2033
Table 44: Italy Needle Coke Market (by End Use), \$Million, 2022-2033
Table 45: Italy Needle Coke Market (by Type), Kilotons, 2022-2033
Table 46: Italy Needle Coke Market (by Type), \$Million, 2022-2033
Table 47: Italy Needle Coke Market (by Grade), Kilotons, 2022-2033
Table 48: Italy Needle Coke Market (by Grade), \$Million, 2022-2033
Table 49: Rest-of-Europe Needle Coke Market (by Application), Kilotons, 2022-2033
Table 50: Rest-of-Europe Needle Coke Market (by Application), \$Million, 2022-2033
Table 51: Rest-of-Europe Needle Coke Market (by End Use), Kilotons, 2022-2033
Table 52: Rest-of-Europe Needle Coke Market (by End Use), \$Million, 2022-2033
Table 53: Rest-of-Europe Needle Coke Market (by Type), Kilotons, 2022-2033
Table 54: Rest-of-Europe Needle Coke Market (by Type), \$Million, 2022-2033
Table 55: Rest-of-Europe Needle Coke Market (by Grade), Kilotons, 2022-2033
Table 56: Rest-of-Europe Needle Coke Market (by Grade), \$Million, 2022-2033
Table 57: Market Share, 2022



## I would like to order

Product name: Europe Needle Coke Market: Focus on Application, Type, Grade, End Use, and Country-Level Analysis - Analysis and Forecast, 2023-2033

Product link: <https://marketpublishers.com/r/EA37184FB0A6EN.html>

Price: US\$ 3,250.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/EA37184FB0A6EN.html>