

Green Steel Market Report: Trends, Forecast and Competitive Analysis to 2030

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Abstracts

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Green Steel Trends and Forecast

The future of the global green steel market looks promising with opportunities in the construction, automotive, and electronic markets. The global green steel market is expected to reach an estimated \$1.0 billion by 2030 with a CAGR of 25.6% from 2024 to 2030. The major drivers for this market are rising consumer demand for eco-friendly products and growing awareness about green production of steel among industries.

A more than 150-page report is developed to help in your business decisions. Sample figures with some insights are shown below.

Green Steel by Segment

The study includes a forecast for the global green steel by type, end use, and region.

Green Steel Market by Type [Shipment Analysis by Value from 2018 to 2030]:

Electric Arc Furnace (EAF)

Molten Oxide Electrolysis (MOE)

Green Steel Market by End Use [Shipment Analysis by Value from 2018 to 2030]:

Construction

Automotive

Electronic

Others

Green Steel Market by Region [Shipment Analysis by Value from 2018 to 2030]:

North America

Europe

Asia Pacific

The Rest of the World

List of Green Steel Companies

Companies in the market compete on the basis of product quality offered. Major players in this market focus on expanding their manufacturing facilities, R&D investments, infrastructural development, and leverage integration opportunities across the value chain. With these strategies green steel companies cater increasing demand, ensure competitive effectiveness, develop innovative products & technologies, reduce production costs, and expand their customer base. Some of the green steel companies profiled in this report include-

POSCO International

Arcelor Mittal

Nucor

Jindal Steel & Power

Emirates Steel Arkan

NIPPON STEEL

U.S. Steel

H2 Green Steel

Green Steel Group

JFE Steel

Green Steel Market Insights

Lucintel forecasts that molten oxide electrolysis is expected to witness the higher growth over the forecast period due to its extensive utilization in the steel industry to reduce CO₂ emissions, produce oxygen for extraterrestrial exploration, and manufacture carbon-free metals.

Within this market, automotive is expected to witness the highest growth.

Europe is expected to witness highest growth over the forecast period due to growth in constructional activity and presence of key green steel production hub in the region.

Features of the Global Green Steel Market

Market Size Estimates: Green steel market size estimation in terms of value (\$B).

Trend and Forecast Analysis: Market trends (2018 to 2023) and forecast (2024 to 2030) by various segments and regions.

Segmentation Analysis: Green steel market size by type, end use, and region in terms of value (\$B).

Regional Analysis: Green steel market breakdown by North America, Europe, Asia Pacific, and Rest of the World.

Growth Opportunities: Analysis of growth opportunities in different types, end uses, and regions for the green steel market.

Strategic Analysis: This includes M&A, new product development, and competitive landscape of the green steel market.

Analysis of competitive intensity of the industry based on Porter's Five Forces model.

FAQ

Q1. What is the green steel market size?

Answer: The global green steel market is expected to reach an estimated \$1.0 billion by 2030.

Q2. What is the growth forecast for green steel market?

Answer: The global green steel market is expected to grow with a CAGR of 25.6% from 2024 to 2030.

Q3. What are the major drivers influencing the growth of the green steel market?

Answer: The major drivers for this market are rising consumer demand for eco-friendly products and growing awareness about green production of steel among industries.

Q4. What are the major segments for green steel market?

Answer: The future of the green steel market looks promising with opportunities in the construction, automotive, and electronic markets.

Q5. Who are the key green steel market companies?

Answer: Some of the key green steel companies are as follows:

POSCO International

Arcelor Mittal

Nucor

Jindal Steel & Power

Emirates Steel Arkan

NIPPON STEEL

U.S. Steel

H2 Green Steel

Green Steel Group

JFE Steel

Q6. Which green steel market segment will be the largest in future?

Answer: Lucintel forecasts that molten oxide electrolysis is expected to witness the higher growth over the forecast period due to its extensive utilized in the steel industry to reduce CO2 emissions, produce oxygen for extraterrestrial exploration, and manufacture carbon-free metals.

Q7. In green steel market, which region is expected to be the largest in next 5 years?

Answer: Europe is expected to witness highest growth over the forecast period due to growth in constructional activity and presence of key green steel production hub in the region.

Q.8 Do we receive customization in this report?

Answer: Yes, Lucintel provides 10% customization without any additional cost.

This report answers following 11 key questions:

Q.1. What are some of the most promising, high-growth opportunities for the green steel market by type (electric arc furnace (EAF) and molten oxide electrolysis (MOE)), end use (construction, automotive, electronic, and others), and region (North America, Europe, Asia Pacific, and the Rest of the World)?

Q.2. Which segments will grow at a faster pace and why?

Q.3. Which region will grow at a faster pace and why?

Q.4. What are the key factors affecting market dynamics? What are the key challenges and business risks in this market?

Q.5. What are the business risks and competitive threats in this market?

Q.6. What are the emerging trends in this market and the reasons behind them?

Q.7. What are some of the changing demands of customers in the market?

Q.8. What are the new developments in the market? Which companies are leading these developments?

Q.9. Who are the major players in this market? What strategic initiatives are key players pursuing for business growth?

Q.10. What are some of the competing products in this market and how big of a threat do they pose for loss of market share by material or product substitution?

Q.11. What M&A activity has occurred in the last 5 years and what has its impact been on the industry?

For any questions related to Green Steel Market, Green Steel Market Size, Green Steel Market Growth, Green Steel Market Analysis, Green Steel Market Report, Green Steel Market Share, Green Steel Market Trends, Green Steel Market Forecast, Green Steel Companies, write Lucintel analyst at email: helpdesk@lucintel.com. We will be glad to get back to you soon.

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