

Low-Carbon Aluminum Market - A Global and Regional Analysis: Focus on Source of Production, Product, End User, and Region - Analysis and Forecast, 2022-2031

<https://marketpublishers.com/r/L35603DEFEC3EN.html>

Date: May 2023

Pages: 257

Price: US\$ 5,500.00 (Single User License)

ID: L35603DEFEC3EN

Abstracts

Low-Carbon Aluminum Market: Industry Overview

The global low-carbon aluminum market is projected to reach \$119.97 billion by 2031 from \$81.89 billion in 2022, growing at a CAGR of 4.3% during the forecast period 2022-2031.

The use of low-carbon aluminum is becoming more common in several industries, including transportation, building and construction, electrical engineering, foil and packaging, and others. The market is anticipated to benefit from the growing preference for lightweight materials over heavy metals, as this would enable weight reduction and foster market growth. In the automobile industry, the demand for low-carbon aluminum is rising due to the increasing number of electric vehicles that are made from lightweight materials. Amongst all industries, the automotive industry has been majorly focusing on decarbonization and has been witnessing high adoption of low-carbon aluminum. Government securities are also pushing the adoption of low-carbon aluminum. It helps in the weight reduction of vehicles, which contributes significantly to vehicles' fuel efficiency. Further, the use of low-carbon aluminum helps reduce CO2 emission, which is an environment-friendly aspect of applications of low-carbon aluminum in the automobile industry. There is a growing trend in the aluminum industry toward investing in low-carbon aluminum production. This is driven by several factors, including increasing pressure from consumers and investors to reduce carbon emissions, as well as regulatory initiatives aimed at curbing greenhouse gas emissions.

Market Lifecycle Stage

The low-carbon aluminum market has been in its growth stage, and much has been attributed to the increasing need for carbon reduction in commodity products such as aluminum. The ecosystem of the low-carbon aluminum market comprises primary aluminum manufacturers, aluminum recyclers, aluminum value-added product manufacturers, OEMs, and end users. The market is still developing, with Europe at the forefront, followed by other regions such as North America, the Middle East and Africa, Asia-Pacific, China, and South America.

Industrial Impact

The major advantages of low-carbon aluminum include its ability to reduce greenhouse gas emissions, increase energy efficiency, and improve the sustainability of the aluminum industry, among others. Additionally, low-carbon aluminum also offers improved properties compared to traditional aluminum, such as increased purity and strength. This offers a significant reason for the players to move toward low-carbon aluminum, reduce carbon dioxide emissions, and utilize the existing market infrastructure. Low-carbon aluminum has a high adoption rate in transportation, among other applications owing to the increased initiatives by automakers to decarbonize the industry.

The major regions anticipated to use low-carbon aluminum are Europe and North America. Globally, there have been numerous partnerships between the manufacturers, suppliers, and end users of low-carbon aluminum, which has led to significant growth in the market.

Impact of COVID-19

The COVID-19 pandemic has had an adverse impact on most of the sectors globally, owing to countrywide lockdown, temporary shutdown of production facilities, and the slowdown of the global economy. The pandemic has shown a severe impact on transportation, building and construction, electrical, machinery, and equipment, among other industries. However, applications such as foil and packaging, consumer goods, and others saw slight to considerable positive growth trends in FY2020. The industry saw a severe adverse impact in H1FY2020, along with some recovery in H2FY2020. Furthermore, the COVID-19 epidemic-related global lockdown led to production halts and disruptions in supply chains, manufacturing, and deployment activity, all of which had a detrimental effect on the market for low-carbon aluminum in 2020.

Market Segmentation:

Segmentation 1: by End User

Transportation

Building and Construction

Electrical Industry

Consumer Goods

Foil and Packaging

Machinery and Equipment

Others

Based on end users, the low-carbon aluminum market is estimated to be led by the transportation segment during the forecast period 2022-2031.

Segmentation 2: by Source of Production

Solar Energy

Wind Energy

Hydro Energy

Recycling

Carbon Capture and Storage (CCS)

Others

Based on the source of production, the low-carbon aluminum market is estimated to be

led by the recycling segment during the forecast period 2022-2031.

Segmentation 3: by Product

Flat-Rolled

Castings

Extrusion

Forgings

Rod and Bar

Others

Based on product, the low-carbon aluminum market is estimated to be led by the flat-rolled segment during the forecast period 2022-2031.

Segmentation 4: by Region

North America - U.S., Canada, and Mexico

Europe - Germany, France, Italy, Spain, Russia, and Rest-of-Europe

China

U.K.

Asia-Pacific and Japan - Japan, India, South Korea, ASEAN, and Rest-of-Asia-Pacific and Japan

Rest-of-the-World - Middle East and Africa and South America

In the global low-carbon aluminum market, Europe and North America are anticipated to gain traction in terms of low-carbon aluminum production, owing to the presence of the world's largest manufacturers in those regions.

Recent Developments in Low-Carbon Aluminum Market

In April 2021, En+ Group announced that it had produced the world's lowest carbon aluminum, in a major breakthrough for the industry. En+ Group Metals segment has successfully produced aluminum with the industry's lowest carbon footprint - less than 0.01 tons of CO₂ equivalent per ton of metal.

In January 2023, Emirates Global Aluminium PJSC and leading beverage producer, can-maker, and waste management company, together announced the launch of Aluminium Recycling Coalition, which aims to drive a step-change in aluminum recycling in the U.A.E. Coalescing members include EGA, Abu Dhabi Waste Management Company (Tadweer), Aujan Coca-Cola Beverages Company, Coca-Cola Al Ahlia Beverages Company, BEEAH Tandeef, Pepsi-bottler Dubai Refreshment, CANPACK, Crown Bevcan EMEA, DULSCO Group, and Veolia.

In August 2021, Vedanta Aluminium Business was India's largest green power purchaser on the Green Market at the Indian Energy Exchange Limited (IEX) platform as of Q1 FY2021 and FY2022. Vedanta procured 354 million units of solar and non-solar renewable energy primarily from Green Term-Ahead Market (GTAM) at IEX for its largest integrated aluminum production facility at Jharsuguda, Odisha.

In November 2021, Nordural Grundartangi ehf, a wholly owned subsidiary of Century Aluminum Company, commenced the construction of a new low-carbon billet casthouse at its Grundartangi, Iceland smelter. The new value-added casthouse would have a capacity of 150,000 tons of billet production and is expected to start production in the first quarter of 2024.

In December 2022, Hydro and Mercedes-Benz collaborated on a joint technology roadmap aiming to develop aluminum solutions from 2023 to 2030 approved for automotive applications with a CO₂ footprint below 3.0 kgCO₂/kgAl.

Demand - Drivers and Limitations

The following are the demand drivers for low-carbon aluminum market:

Increasing Attention of Governments toward Decarbonization of Core Contributing Commodities

Growing Research and Development Activities to Achieve Near Zero Emissions

The market is expected to face some limitations due to the following challenges:

Lower Recycling Rates for Aluminum in Various Industries

Volatile Low-Carbon Aluminum Prices

How can this report add value to an organization?

Product/Innovation Strategy: The product segment helps the reader understand the different sources of production and products involved in the low-carbon aluminum market. The source of production segment has been segmented into solar energy, wind energy, hydro energy, recycling, carbon capture and storage (CCS), and others. The product segment has been segmented into flat-rolled, castings, extrusion, forgings, rod and bar, and others. Moreover, the study provides the reader with a detailed understanding of the low-carbon aluminum market based on end users, including transportation, building and construction, the electrical industry, consumer goods, foil and packaging, machinery and equipment, and others. The increasing adoption of low-carbon aluminum in manufacturing components in sustainable technologies is expected to fuel the growth of the market.

Growth/Marketing Strategy: The low-carbon aluminum 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 favored strategy for the companies has been business expansions to strengthen their position in the low-carbon aluminum market. For instance, in February 2022, Emirates Global Aluminium PJSC announced its plan to build a 150,000 tons per year aluminum recycling facility, the company's first and set to be the largest in the U.A.E. The company intends to market recycled aluminum under the brand name EternAL.

Competitive Strategy: Key players in the low-carbon aluminum market analyzed and profiled in the study involve low-carbon aluminum producers and the overall ecosystem. Moreover, a detailed competitive benchmarking of the players operating in the low-

carbon aluminum market has been done to help the reader understand how players stack against each other, presenting a clear market landscape. Additionally, comprehensive competitive strategies such as partnerships, agreements, acquisitions, and collaborations will aid the reader in understanding the untapped revenue pockets in the market.

Key Market Players and Competition Synopsis

Aluminum that has greenhouse gas (GHG) emission intensity below 4 tons of CO₂ equivalent per ton of aluminum manufactured has been considered as low-carbon aluminum. To achieve this, renewable energy source is used in the manufacturing of primary aluminum. Furthermore, recycling aluminum further reduces energy consumption and CO₂ emissions and can be considered low-carbon aluminum. Among product segmentations, the flat-rolled segment dominated the low-carbon aluminum market in 2021 and is the largest segment owing to growing demand from end-use industries such as transportation, building and construction, and others. Flat-rolled products have high strength-to-weight ratios, are corrosion-resistant, durable, and can be recycled multiple times, which further reduces their environmental impact.

Some of the prominent producers of low-carbon aluminum are:

Company Type 1 (by Source of Production): Solar Energy

Vedanta Aluminum and Power

Emirates Global Aluminium PJSC

Capral Limited

Rio Tinto

China Hongqiao Group Limited

Company Type 2 (by Source of Production): Hydro Energy

EN+ Group

Century Aluminum Company

Norsk Hydro ASA

Alcoa Corporation

China Hongqiao Group Limited

South32

PT Indonesia Asahan Aluminium

Company Type 3 (by Source of Production): Recycling

EN+ Group

Century Aluminum Company

Emirates Global Aluminium PJSC

Norsk Hydro ASA

Constellium SE

Company Type 4 (by Source of Production): Carbon Capture and Storage (CCS) (Planned)

Aluminium Dunkerque

Norsk Hydro ASA

Various players are involved in the market, which has been covered in different sections of the report.

Contents

1 MARKETS

1.1 Industry Outlook

1.1.1 Trends: Current and Future

1.1.1.1 Increase in Consumer Awareness and Demand

1.1.1.2 Government Activities toward the Establishment of Low-Carbon Infrastructure

1.1.1.3 Change in Business Models of Companies Due to Climate Action

1.1.2 Supply Chain Analysis

1.1.3 Ecosystem/Ongoing Programs

1.1.3.1 Consortiums and Associations

1.1.3.2 Regulatory Bodies

1.1.3.3 Government Programs

1.1.3.4 Research Programs by Institutions and Universities

1.2 Business Dynamics

1.2.1 Business Drivers

1.2.1.1 Increase in Government Expenditures for Infrastructural Development

1.2.1.2 Stringent Regulations and Carbon Neutrality Targets

1.2.1.3 Energy and Cost Efficiency Owing to the Use of Recycled Materials

1.2.1.4 Growing Research and Development Activities to Achieve Near-Zero

Emissions

1.2.2 Business Restraints

1.2.2.1 High Prices Associated with Low-Carbon Construction Materials

1.2.2.2 Lack of Investment in the Green Building Materials Sector

1.2.2.3 Uncertain Macroeconomic Conditions

1.2.3 Business Strategies

1.2.3.1 Product Development

1.2.3.2 Market Development

1.2.4 Corporate Strategies

1.2.4.1 Mergers and Acquisitions

1.2.4.2 Partnerships, Joint Ventures, Collaborations, and Alliances

1.2.5 Business Opportunities

1.2.5.1 Development of Economic and Environmental Technologies

1.2.5.2 Sustainable Construction to be Incentivized

1.3 Start-Up Landscape

1.3.1 Key Start-Ups in the Ecosystem

1.4 Comparative Analysis of Various Construction Materials

1.5 Total Addressable Market Analysis

2 APPLICATIONS

2.1 Low-Carbon Construction Material Market - Applications and Specifications

2.1.1 Residential

2.1.2 Commercial

2.1.3 Industrial

2.1.4 Others

2.2 Demand Analysis for Low-Carbon Construction Material Market (by Application)

2.2.1 Low-Carbon Construction Material Market (by Application), Volume and Value Data

2.2.1.1 Residential

2.2.1.2 Commercial

2.2.1.3 Industrial

2.2.1.4 Others

3 PRODUCTS

3.1 Low-Carbon Construction Material Market – Products and Specifications

3.1.1 Plastic

3.1.1.1 Bio-Based Plastic

3.1.1.2 Recycled Plastic

3.1.2 Metal

3.1.2.1 Sustainable Steel

3.1.2.2 Low-Carbon Aluminum

3.1.2.3 Others

3.1.3 Mass Timber

3.1.3.1 Cross-Laminated Timber

3.1.3.2 Nail-Laminated Timber

3.1.3.3 Glue-Laminated Timber

3.1.3.4 Others

3.1.4 Green Concrete

3.1.5 Green Tiles

3.1.6 Low-Carbon Bricks

3.1.7 Others

3.2 Demand Analysis for Low-Carbon Construction Material Market (by Material)

3.2.1 Low-Carbon Construction Material Market (by Material), Volume and Value Data

3.2.1.1 Plastic

3.2.1.2 Metal

- 3.2.1.3 Mass Timber
- 3.2.1.4 Green Concrete
- 3.2.1.5 Green Tiles
- 3.2.1.6 Low-Carbon Bricks
- 3.2.1.7 Others
- 3.3 Product Benchmarking: Growth Rate – Market Share Matrix
 - 3.3.1 Opportunity Matrix (by Region)
 - 3.3.2 Opportunity Matrix (by Material)
- 3.4 Patent Analysis
 - 3.4.1 Patent Analysis (by Year)
 - 3.4.2 Patent Analysis (by Status)
 - 3.4.3 Patent Analysis (by Country)
- 3.5 Global Pricing Analysis

4 REGIONS

- 4.1 North America
 - 4.1.1 Market
 - 4.1.1.1 Buyer Attributes
 - 4.1.1.2 Key Manufacturers/Suppliers in North America
 - 4.1.1.3 Competitive Benchmarking
 - 4.1.1.4 Business Challenges
 - 4.1.1.5 Business Drivers
 - 4.1.2 Application
 - 4.1.2.1 North America Low-Carbon Construction Material Market (by Application),
Volume and Value Data
 - 4.1.3 Product
 - 4.1.3.1 North America Low-Carbon Construction Material Market (by Material),
Volume and Value Data
 - 4.1.4 North America: Country-Level Analysis
 - 4.1.4.1 U.S.
 - 4.1.4.1.1 Market
 - 4.1.4.1.1.1 Buyer Attributes
 - 4.1.4.1.1.2 Key Manufacturers/Suppliers in the U.S.
 - 4.1.4.1.1.3 Regulatory Landscape
 - 4.1.4.1.1.4 Business Challenges
 - 4.1.4.1.1.5 Business Drivers
 - 4.1.4.1.2 Application
 - 4.1.4.1.2.1 U.S. Low-Carbon Construction Material Market (by Application),

Volume and Value Data

4.1.4.1.3 Product

4.1.4.1.3.1 U.S. Low-Carbon Construction Material Market (by Material), Volume and Value Data

4.1.4.2 Canada

4.1.4.2.1 Market

4.1.4.2.1.1 Buyer Attributes

4.1.4.2.1.2 Key Manufacturers/Suppliers in Canada

4.1.4.2.1.3 Regulatory Landscape

4.1.4.2.1.4 Business Challenges

4.1.4.2.1.5 Business Drivers

4.1.4.2.2 Application

4.1.4.2.2.1 Canada Low-Carbon Construction Material Market (by Application),

Volume and Value Data

4.1.4.2.3 Product

4.1.4.2.3.1 Canada Low-Carbon Construction Material Market (by Material),

Volume and Value Data

4.1.4.3 Mexico

4.1.4.3.1 Market

4.1.4.3.1.1 Buyer Attributes

4.1.4.3.1.2 Key Manufacturers/Suppliers in Mexico

4.1.4.3.1.3 Regulatory Landscape

4.1.4.3.1.4 Business Challenges

4.1.4.3.1.5 Business Drivers

4.1.4.3.2 Application

4.1.4.3.2.1 Mexico Low-Carbon Construction Material Market (by Application),

Volume and Value Data

4.1.4.3.3 Product

4.1.4.3.3.1 Mexico Low-Carbon Construction Material Market (by Material), Volume

and Value Data

4.2 Europe

4.2.1 Market

4.2.1.1 Buyer Attributes

4.2.1.2 Key Manufacturers/Suppliers in Europe

4.2.1.3 Competitive Benchmarking

4.2.1.4 Business Challenges

4.2.1.5 Business Drivers

4.2.2 Application

4.2.2.1 Europe Low-Carbon Construction Material Market (by Application), Volume

and Value Data

4.2.3 Product

4.2.3.1 Europe Low-Carbon Construction Material Market (by Material), Volume and Value Data

4.2.4 Europe: Country-Level Analysis

4.2.4.1 Germany

4.2.4.1.1 Market

4.2.4.1.1.1 Buyer Attributes

4.2.4.1.1.2 Key Manufacturers/Suppliers in Germany

4.2.4.1.1.3 Regulatory Landscape

4.2.4.1.1.4 Business Challenges

4.2.4.1.1.5 Business Drivers

4.2.4.1.2 Application

4.2.4.1.2.1 Germany Low-Carbon Construction Material Market (by Application), Volume and Value Data

4.2.4.1.3 Product

4.2.4.1.3.1 Germany Low-Carbon Construction Material Market (by Material), Volume and Value Data

4.2.4.2 France

4.2.4.2.1 Market

4.2.4.2.1.1 Buyer Attributes

4.2.4.2.1.2 Key Manufacturers/Suppliers in France

4.2.4.2.1.3 Regulatory Landscape

4.2.4.2.1.4 Business Challenges

4.2.4.2.1.5 Business Drivers

4.2.4.2.2 Application

4.2.4.2.2.1 France Low-Carbon Construction Material Market (by Application), Volume and Value Data

4.2.4.2.3 Product

4.2.4.2.3.1 France Low-Carbon Construction Material Market (by Material), Volume and Value Data

4.2.4.3 Italy

4.2.4.3.1 Market

4.2.4.3.1.1 Buyer Attributes

4.2.4.3.1.2 Key Manufacturers/Suppliers in Italy

4.2.4.3.1.3 Regulatory Landscape

4.2.4.3.1.4 Business Challenges

4.2.4.3.1.5 Business Drivers

4.2.4.3.2 Application

4.2.4.3.2.1 Italy Low-Carbon Construction Material Market (by Application), Volume and Value Data

4.2.4.3.3 Product

4.2.4.3.3.1 Italy Low-Carbon Construction Material Market (by Material), Volume and Value Data

4.2.4.4 Spain

4.2.4.4.1 Market

4.2.4.4.1.1 Buyer Attributes

4.2.4.4.1.2 Key Manufacturers/Suppliers in Spain

4.2.4.4.1.3 Regulatory Landscape

4.2.4.4.1.4 Business Challenges

4.2.4.4.1.5 Business Drivers

4.2.4.4.2 Application

4.2.4.4.2.1 Spain Low-Carbon Construction Material Market (by Application), Volume and Value Data

4.2.4.4.3 Product

4.2.4.4.3.1 Spain Low-Carbon Construction Material Market (by Material), Volume and Value Data

4.2.4.5 Rest-of-Europe

4.2.4.5.1 Market

4.2.4.5.1.1 Buyer Attributes

4.2.4.5.1.2 Key Manufacturers/Suppliers in Rest-of-Europe

4.2.4.5.1.3 Regulatory Landscape

4.2.4.5.1.4 Business Challenges

4.2.4.5.1.5 Business Drivers

4.2.4.5.2 Application

4.2.4.5.2.1 Rest-of-Europe Low-Carbon Construction Material Market (by Application), Volume and Value Data

4.2.4.5.3 Product

4.2.4.5.3.1 Rest-of-Europe Low-Carbon Construction Material Market (by Material), Volume and Value Data

4.3 U.K.

4.3.1 Market

4.3.1.1 Buyer Attributes

4.3.1.2 Key Manufacturers/Suppliers in the U.K.

4.3.1.3 Competitive Benchmarking

4.3.1.4 Regulatory Landscape

4.3.1.5 Business Challenges

4.3.1.6 Business Drivers

4.3.2 Application

4.3.2.1 U.K. Low-Carbon Construction Material Market (by Application), Volume and Value Data

4.3.3 Product

4.3.3.1 U.K. Low-Carbon Construction Material Market (by Material), Volume and Value Data

4.4 China

4.4.1 Market

4.4.1.1 Buyer Attributes

4.4.1.2 Key Manufacturers/Suppliers in China

4.4.1.3 Competitive Benchmarking

4.4.1.4 Regulatory Landscape

4.4.1.5 Business Challenges

4.4.1.6 Business Drivers

4.4.2 Application

4.4.2.1 China Low-Carbon Construction Material Market (by Application), Volume and Value Data

4.4.3 Product

4.4.3.1 China Low-Carbon Construction Material Market (by Material), Volume and Value Data

4.5 Asia-Pacific and Japan

4.5.1 Market

4.5.1.1 Buyer Attributes

4.5.1.2 Key Manufacturers/Suppliers in Asia-Pacific and Japan

4.5.1.3 Competitive Benchmarking

4.5.1.4 Business Challenges

4.5.1.5 Business Drivers

4.5.2 Application

4.5.2.1 Asia-Pacific and Japan Low-Carbon Construction Material Market (by Application), Volume and Value Data

4.5.3 Product

4.5.3.1 Asia-Pacific and Japan Low-Carbon Construction Material Market (by Material), Volume and Value Data

4.5.4 Asia-Pacific and Japan (by Country)

4.5.4.1 Japan

4.5.4.1.1 Market

4.5.4.1.1.1 Buyer Attributes

4.5.4.1.1.2 Key Manufacturers/Suppliers in Japan

4.5.4.1.1.3 Regulatory Landscape

- 4.5.4.1.1.4 Business Challenges
- 4.5.4.1.1.5 Business Drivers
- 4.5.4.1.2 Application
 - 4.5.4.1.2.1 Japan Low-Carbon Construction Material Market (by Application),
Volume and Value Data
- 4.5.4.1.3 Product
 - 4.5.4.1.3.1 Japan Low-Carbon Construction Material Market (by Material), Volume
and Value Data
- 4.5.4.2 South Korea
 - 4.5.4.2.1 Market
 - 4.5.4.2.1.1 Buyer Attributes
 - 4.5.4.2.1.2 Key Manufacturers/Suppliers in South Korea
 - 4.5.4.2.1.3 Regulatory Landscape
 - 4.5.4.2.1.4 Business Challenges
 - 4.5.4.2.1.5 Business Drivers
 - 4.5.4.2.2 Application
 - 4.5.4.2.2.1 South Korea Low-Carbon Construction Material Market (by
Application), Volume and Value Data
 - 4.5.4.2.3 Product
 - 4.5.4.2.3.1 South Korea Low-Carbon Construction Material Market (by Material),
Volume and Value Data
- 4.5.4.3 India
 - 4.5.4.3.1 Market
 - 4.5.4.3.1.1 Buyer Attributes
 - 4.5.4.3.1.2 Key Manufacturers/Suppliers in India
 - 4.5.4.3.1.3 Regulatory Landscape
 - 4.5.4.3.1.4 Business Challenges
 - 4.5.4.3.1.5 Business Drivers
 - 4.5.4.3.2 Application
 - 4.5.4.3.2.1 India Low-Carbon Construction Material Market (by Application),
Volume and Value Data
 - 4.5.4.3.3 Product
 - 4.5.4.3.3.1 India Low-Carbon Construction Material Market (by Material), Volume
and Value Data
- 4.5.4.4 Australia
 - 4.5.4.4.1 Market
 - 4.5.4.4.1.1 Buyer Attributes
 - 4.5.4.4.1.2 Key Manufacturers/Suppliers in Australia
 - 4.5.4.4.1.3 Regulatory Landscape

- 4.5.4.4.1.4 Business Challenges
- 4.5.4.4.1.5 Business Drivers
- 4.5.4.4.2 Application
 - 4.5.4.4.2.1 Australia Low-Carbon Construction Material Market (by Application),
Volume and Value Data
- 4.5.4.4.3 Product
 - 4.5.4.4.3.1 Australia Low-Carbon Construction Material Market (by Material),
Volume and Value Data
- 4.5.4.5 Rest-of-Asia-Pacific and Japan
 - 4.5.4.5.1 Market
 - 4.5.4.5.1.1 Buyer Attributes
 - 4.5.4.5.1.2 Key Manufacturers/Suppliers in Rest-of-Asia-Pacific and Japan
 - 4.5.4.5.1.3 Regulatory Landscape
 - 4.5.4.5.1.4 Business Challenges
 - 4.5.4.5.1.5 Business Drivers
 - 4.5.4.5.2 Application
 - 4.5.4.5.2.1 Rest-of-Asia-Pacific and Japan Low-Carbon Construction Material
Market (by Application), Volume and Value Data
 - 4.5.4.5.3 Product
 - 4.5.4.5.3.1 Rest-of-Asia-Pacific and Japan Low-Carbon Construction Material
Market (by Material), Volume and Value Data
- 4.6 Rest-of-the-World
 - 4.6.1 Market
 - 4.6.1.1 Buyer Attributes
 - 4.6.1.2 Key Manufacturers/Suppliers in Rest-of-the-World
 - 4.6.1.3 Competitive Benchmarking
 - 4.6.1.4 Business Challenges
 - 4.6.1.5 Business Drivers
 - 4.6.2 Application
 - 4.6.2.1 Rest-of-the-World Low-Carbon Construction Material Market (by Application),
Volume and Value Data
 - 4.6.3 Product
 - 4.6.3.1 Rest-of-the World Low-Carbon Construction Material Market (by Material),
Volume and Value Data
 - 4.6.4 Rest-of-the-World (by Region)
 - 4.6.4.1 South America
 - 4.6.4.1.1 Market
 - 4.6.4.1.1.1 Buyer Attributes
 - 4.6.4.1.1.2 Key Manufacturers/Suppliers in South America

- 4.6.4.1.1.3 Regulatory Landscape
- 4.6.4.1.1.4 Business Challenges
- 4.6.4.1.1.5 Business Drivers
- 4.6.4.1.2 Application
 - 4.6.4.1.2.1 South America Low-Carbon Construction Material Market (by Application), Volume and Value Data
- 4.6.4.1.3 Product
 - 4.6.4.1.3.1 South America Low-Carbon Construction Material Market (by Material), Volume and Value Data
- 4.6.4.2 Middle East and Africa
 - 4.6.4.2.1 Market
 - 4.6.4.2.1.1 Buyer Attributes
 - 4.6.4.2.1.2 Key Manufacturers/Suppliers in the Middle East and Africa
 - 4.6.4.2.1.3 Regulatory Landscape
 - 4.6.4.2.1.4 Business Challenges
 - 4.6.4.2.1.5 Business Drivers
 - 4.6.4.2.2 Application
 - 4.6.4.2.2.1 Middle East and Africa Low-Carbon Construction Material Market (by Application), Volume and Value Data
 - 4.6.4.2.3 Product
 - 4.6.4.2.3.1 Middle East and Africa Low-Carbon Construction Material Market (by Material), Volume and Value Data

5 MARKETS - COMPETITIVE BENCHMARKING & COMPANY PROFILES

- 5.1 Competitive Benchmarking
 - 5.1.1 Competitive Positioning Matrix
 - 5.1.2 Product Matrix of Key Companies
- 5.2 Market Share Range Analysis of Key Companies, 2022
- 5.3 Company Profiles
 - 5.3.1 Companies: Low-Carbon Construction Material Market
 - 5.3.1.1 CarbiCrete
 - 5.3.1.1.1 Company Overview
 - 5.3.1.1.1.1 Role of CarbiCrete in the Low-Carbon Construction Material Market
 - 5.3.1.1.1.2 Product Portfolio
 - 5.3.1.1.1.3 Production Sites
 - 5.3.1.1.2 Business Strategies
 - 5.3.1.1.2.1 CarbiCrete: Market Development
 - 5.3.1.1.3 Corporate Strategies

5.3.1.1.3.1 CarbiCrete: Partnerships, Joint Ventures, Collaborations, and Alliances

5.3.1.1.4 R&D and Patent Analysis

5.3.1.1.5 Analyst View

5.3.1.2 Cemex, S.A.B. de C.V.

5.3.1.2.1 Company Overview

5.3.1.2.1.1 Role of Cemex, S.A.B. de C.V. in the Low-Carbon Construction

Material Market

5.3.1.2.1.2 Product Portfolio

5.3.1.2.1.3 Production Sites

5.3.1.2.2 Business Strategies

5.3.1.2.2.1 Cemex, S.A.B. de C.V.: Market Development

5.3.1.2.3 R&D and Patent Analysis

5.3.1.2.4 Analyst View

5.3.1.3 CarbonCure Technologies Inc.

5.3.1.3.1 Company Overview

5.3.1.3.1.1 Role of CarbonCure Technologies Inc. in the Low-Carbon Construction

Material Market

5.3.1.3.1.2 Product Portfolio

5.3.1.3.1.3 Production Sites

5.3.1.3.2 Business Strategies

5.3.1.3.2.1 CarbonCure Technologies Inc.: Product Development

5.3.1.3.2.2 CarbonCure Technologies Inc.: Market Development

5.3.1.3.3 Corporate Strategies

5.3.1.3.3.1 CarbonCure Technologies Inc.: Partnerships, Joint Ventures,

Collaborations, and Alliances

5.3.1.3.4 R&D and Patent Analysis

5.3.1.3.5 Analyst View

5.3.1.4 ArcelorMittal

5.3.1.4.1 Company Overview

5.3.1.4.1.1 Role of ArcelorMittal in the Low-Carbon Construction Material Market

5.3.1.4.1.2 Product Portfolio

5.3.1.4.1.3 Production Sites

5.3.1.4.2 Business Strategies

5.3.1.4.2.1 ArcelorMittal: Product Development

5.3.1.4.3 R&D and Patent Analysis

5.3.1.4.4 Analyst View

5.3.1.5 SSAB AB

5.3.1.5.1 Company Overview

5.3.1.5.1.1 Role of SSAB AB in the Low-Carbon Construction Material Market

- 5.3.1.5.1.2 Product Portfolio
- 5.3.1.5.1.3 Production Sites
- 5.3.1.5.2 Business Strategies
 - 5.3.1.5.2.1 SSAB AB: Product Development
 - 5.3.1.5.2.2 SSAB AB: Market Development
- 5.3.1.5.3 Corporate Strategies
 - 5.3.1.5.3.1 SSAB AB: Partnerships, Joint Ventures, Collaborations, and Alliances
- 5.3.1.5.4 R&D and Patent Analysis
- 5.3.1.5.5 Analyst View
- 5.3.1.6 Nucor Corporation
 - 5.3.1.6.1 Company Overview
 - 5.3.1.6.1.1 Role of Nucor Corporation in the Low-Carbon Construction Material Market
 - 5.3.1.6.1.2 Product Portfolio
 - 5.3.1.6.1.3 Production Sites
 - 5.3.1.6.2 Business Strategies
 - 5.3.1.6.2.1 Nucor Corporation: Product Development
 - 5.3.1.6.3 Corporate Strategies
 - 5.3.1.6.3.1 Nucor Corporation: Mergers and Acquisitions
 - 5.3.1.6.4 R&D and Patent Analysis
 - 5.3.1.6.5 Analyst View
- 5.3.1.7 HOLCIM
 - 5.3.1.7.1 Company Overview
 - 5.3.1.7.1.1 Role of HOLCIM in the Low-Carbon Construction Material Market
 - 5.3.1.7.1.2 Product Portfolio
 - 5.3.1.7.1.3 Production Sites
 - 5.3.1.7.2 Business Strategies
 - 5.3.1.7.2.1 HOLCIM: Product Development
 - 5.3.1.7.2.2 HOLCIM: Market Development
 - 5.3.1.7.3 R&D and Patent Analysis
 - 5.3.1.7.4 Analyst View
- 5.3.1.8 Norsk Hydro ASA
 - 5.3.1.8.1 Company Overview
 - 5.3.1.8.1.1 Role of Norsk Hydro ASA in the Low-Carbon Construction Material Market
 - 5.3.1.8.1.2 Product Portfolio
 - 5.3.1.8.1.3 Production Sites
 - 5.3.1.8.2 Business Strategies
 - 5.3.1.8.2.1 Norsk Hydro ASA: Market Development

5.3.1.8.3 Corporate Strategies

5.3.1.8.3.1 Norsk Hydro ASA: Mergers and Acquisitions

5.3.1.8.3.2 Norsk Hydro ASA: Partnerships, Joint Ventures, Collaborations, and

Alliances

5.3.1.8.4 R&D and Patent Analysis

5.3.1.8.5 Analyst View

5.3.1.9 Novelis Inc.

5.3.1.9.1 Company Overview

5.3.1.9.1.1 Role of Novelis Inc. in the Low-Carbon Construction Material Market

5.3.1.9.1.2 Product Portfolio

5.3.1.9.1.3 Production Sites

5.3.1.9.2 Business Strategies

5.3.1.9.2.1 Novelis Inc.: Product Development

5.3.1.9.2.2 Novelis Inc.: Market Development

5.3.1.9.3 Corporate Strategies

5.3.1.9.3.1 Novelis Inc.: Partnerships, Joint Ventures, Collaborations, and Alliances

5.3.1.9.4 R&D and Patent Analysis

5.3.1.9.5 Analyst View

5.3.1.10 Low-Carbon Materials

5.3.1.10.1 Company Overview

5.3.1.10.1.1 Role of Low-Carbon Materials in the Low-Carbon Construction

Material Market

5.3.1.10.1.2 Product Portfolio

5.3.1.10.1.3 Production Sites

5.3.1.10.2 Business Strategies

5.3.1.10.2.1 Low-Carbon Materials: Market Development

5.3.1.10.3 Analyst View

5.3.1.11 Ecocem

5.3.1.11.1 Company Overview

5.3.1.11.1.1 Role of Ecocem in the Low-Carbon Construction Material Market

5.3.1.11.1.2 Product Portfolio

5.3.1.11.1.3 Production Sites

5.3.1.11.2 Business Strategies

5.3.1.11.2.1 Ecocem: Product Development

5.3.1.11.2.2 Ecocem: Market Development

5.3.1.11.3 Corporate Strategies

5.3.1.11.3.1 Ecocem: Partnerships, Joint Ventures, Collaborations, and Alliances

5.3.1.11.4 R&D and Patent Analysis

5.3.1.11.5 Analyst View

5.3.1.12 Mercer Mass Timber LLC

5.3.1.12.1 Company Overview

5.3.1.12.1.1 Role of Mercer Mass Timber LLC in the Low-Carbon Construction

Material Market

5.3.1.12.1.2 Product Portfolio

5.3.1.12.1.3 Production Sites

5.3.1.12.2 Corporate Strategies

5.3.1.12.2.1 Mercer Mass Timber LLC: Mergers and Acquisitions

5.3.1.12.3 Analyst View

5.3.1.13 CRH plc

5.3.1.13.1 Company Overview

5.3.1.13.1.1 Role of CRH plc in the Low-Carbon Construction Material Market

5.3.1.13.1.2 Product Portfolio

5.3.1.13.1.3 Production Sites

5.3.1.13.2 Business Strategies

5.3.1.13.2.1 CRH plc: Product Development

5.3.1.13.2.2 CRH plc: Market Development

5.3.1.13.3 Corporate Strategies

5.3.1.13.3.1 CRH plc: Partnerships, Joint Ventures, Collaborations, and Alliances

5.3.1.13.4 Analyst View

5.3.1.14 Stora Enso

5.3.1.14.1 Company Overview

5.3.1.14.1.1 Role of Stora Enso in the Low-Carbon Construction Material Market

5.3.1.14.1.2 Product Portfolio

5.3.1.14.1.3 Production Sites

5.3.1.14.2 Business Strategies

5.3.1.14.2.1 Stora Enso: Product Development

5.3.1.14.2.2 Stora Enso: Market Development

5.3.1.14.3 Corporate Strategies

5.3.1.14.3.1 Stora Enso: Mergers and Acquisitions

5.3.1.14.3.2 Stora Enso: Partnerships, Joint Ventures, Collaborations, and

Alliances

5.3.1.14.4 R&D and Patent Analysis

5.3.1.14.5 Analyst View

5.3.1.15 Plantd, Inc.

5.3.1.15.1 Company Overview

5.3.1.15.1.1 Role of Plantd, Inc. in the Low-Carbon Construction Material Market

5.3.1.15.1.2 Product Portfolio

5.3.1.15.1.3 Production Sites

5.3.1.15.2 Business Strategies

5.3.1.15.2.1 Plantd, Inc.: Market Development

5.3.1.15.3 Corporate Strategies

5.3.1.15.3.1 Plantd, Inc.: Partnerships, Joint Ventures, Collaborations, and Alliances

5.3.1.15.4 Analyst View

5.3.1.16 Roca Tile USA

5.3.1.16.1 Company Overview

5.3.1.16.1.1 Role of Roca Tile USA in the Low-Carbon Construction Material Market

5.3.1.16.1.2 Product Portfolio

5.3.1.16.1.3 Production Sites

5.3.1.16.2 Corporate Strategies

5.3.1.16.2.1 Roca Tile USA: Mergers and Acquisitions

5.3.1.16.3 Analyst View

5.3.1.17 AGC Inc.

5.3.1.17.1 Company Overview

5.3.1.17.1.1 Role of AGC Inc. in the Low-Carbon Construction Material Market

5.3.1.17.1.2 Product Portfolio

5.3.1.17.1.3 Production Sites

5.3.1.17.2 Business Strategies

5.3.1.17.2.1 AGC Inc.: Product Development

5.3.1.17.3 R&D and Patent Analysis

5.3.1.17.4 Analyst View

5.3.1.18 Plastic Lumber Yard, LLC

5.3.1.18.1 Company Overview

5.3.1.18.1.1 Role of Plastic Lumber Yard, LLC in the Low-Carbon Construction Material Market

5.3.1.18.1.2 Product Portfolio

5.3.1.18.1.3 Production Sites

5.3.1.18.2 Analyst View

5.3.1.19 Naftex GmbH

5.3.1.19.1 Company Overview

5.3.1.19.1.1 Role of Naftex GmbH in the Low-Carbon Construction Material Market

5.3.1.19.1.2 Product Portfolio

5.3.1.19.1.3 Production Sites

5.3.1.19.2 Analyst View

5.3.1.20 Kenoteq Ltd.

5.3.1.20.1 Company Overview

- 5.3.1.20.1.1 Role of Kenoteq Ltd. in the Low-Carbon Construction Material Market
- 5.3.1.20.1.2 Product Portfolio
- 5.3.1.20.1.3 Production Sites
- 5.3.1.20.2 Business Strategies
 - 5.3.1.20.2.1 Kenoteq Ltd.: Product Development
 - 5.3.1.20.2.2 Kenoteq Ltd.: Market Development
- 5.3.1.20.3 R&D and Patent Analysis
- 5.3.1.20.4 Analyst View

6 RESEARCH METHODOLOGY

- 6.1 Data Sources
 - 6.1.1 Primary Data Sources
 - 6.1.2 Secondary Data Sources
- 6.2 Data Triangulation
- 6.3 Market Estimation and Forecast
 - 6.3.1 Factors for Data Prediction and Modeling

List Of Figures

LIST OF FIGURES

- Figure 1: Low-Carbon Construction Material Market Overview, \$Billion, 2022-2032
- Figure 2: Low-Carbon Construction Material Market Overview, Million Ton, 2022-2032
- Figure 3: Low-Carbon Construction Material Market (by Application), \$Billion, 2022-2032
- Figure 4: Low-Carbon Construction Material Market (by Material), \$Million, 2022-2032
- Figure 5: Low-Carbon Construction Material Market (by Region), \$Billion, 2022
- Figure 6: Low-Carbon Construction Material Market: Coverage
- Figure 7: Low-Carbon Construction Material Market Supply Chain Analysis
- Figure 8: Business Dynamics for Low-Carbon Construction Material Market
- Figure 9: Carbon Dioxide Emissions by Countries in 2021
- Figure 10: Key Business Strategies, 2020-2023
- Figure 11: Product Development (by Company), 2020-2023
- Figure 12: Market Development (by Company), 2020-2023
- Figure 13: Key Corporate Strategies, 2020-2023
- Figure 14: Mergers and Acquisitions (by Company), 2020-2023
- Figure 15: Partnerships, Joint Ventures, Collaborations, and Alliances (by Company), 2020-2023
- Figure 16: Low-Carbon Construction Material Market (by Application)
- Figure 17: Low-Carbon Construction Material Market (Residential), \$Million and Million Ton, 2022-2032
- Figure 18: Low-Carbon Construction Material Market (Commercial), \$Million and Million Ton, 2022-2032
- Figure 19: Low-Carbon Construction Material Market (Industrial), \$Million and Million Ton, 2022-2032
- Figure 20: Low-Carbon Construction Material Market (Others), \$Million and Million Ton, 2022-2032
- Figure 21: Low-Carbon Construction Material Market (by Material)
- Figure 22: Low-Carbon Construction Material Market (Plastic), \$Million and Million Ton, 2022-2032
- Figure 23: Low-Carbon Construction Material Market (Metal), \$Million and Million Ton, 2022-2032
- Figure 24: Low-Carbon Construction Material Market (Mass Timber), \$Million and Million Ton, 2022-2032
- Figure 25: Low-Carbon Construction Material Market (Green Concrete), \$Million and Million Ton, 2022-2032

Figure 26: Low-Carbon Construction Material Market (Green Tiles), \$Million and Kiloton, 2022-2032

Figure 27: Low-Carbon Construction Material Market (Low-Carbon Bricks), \$Million and Million Ton, 2022-2032

Figure 28: Low-Carbon Construction Material Market (Others), \$Million and Kiloton, 2022-2032

Figure 29: Low-Carbon Construction Material Market Opportunity Matrix (by Region)

Figure 30: Low-Carbon Construction Material Market Opportunity Matrix (by Material)

Figure 31: Patent Analysis (by Year), January 2020-September 2023

Figure 32: Patent Analysis (by Status), January 2020-September 2023

Figure 33: Patent Analysis (by Country), January 2020-September 2023

Figure 34: Global Pricing Analysis (by Material), \$/Ton, 2022-2032

Figure 35: Competitive Benchmarking for North America

Figure 36: Competitive Benchmarking for Europe

Figure 37: Competitive Benchmarking for U.K.

Figure 38: Competitive Benchmarking for China

Figure 39: Competitive Benchmarking for Asia-Pacific and Japan

Figure 40: Competitive Benchmarking for Rest-of-the-World

Figure 41: Competitive Benchmarking for Low-Carbon Construction Material Market

Figure 42: Research Methodology

Figure 43: Data Triangulation

Figure 44: Top-Down and Bottom-Up Approach

Figure 45: Influencing Factors of the Low-Carbon Construction Material Market

Figure 46: Assumptions and Limitations

List Of Tables

LIST OF TABLES

Table 1: Low-Carbon Construction Material Market Overview

Table 2: Consortiums and Associations

Table 3: Regulatory Bodies

Table 4: Government Programs

Table 5: Research Programs by Institutions and Universities

Table 6: Impact of Business Drivers

Table 7: Impact of Business Restraints

Table 8: Impact of Business Opportunities

Table 9: Key Start-Ups in the Ecosystem

Table 10: Comparative Analysis of Various Construction Materials

Table 11: Global Production Volume of Different Construction Material, 2022

Table 12: Low-Carbon Construction Material Market (by Application), Kiloton, 2022-2032

Table 13: Low-Carbon Construction Material Market (by Application), \$Million, 2022-2032

Table 14: Low-Carbon Construction Material Market (by Material), Kiloton, 2022-2032

Table 15: Low-Carbon Construction Material Market (by Material), \$Million, 2022-2032

Table 16: Low-Carbon Construction Material Market (by Region), Kiloton, 2022-2032

Table 17: Low-Carbon Construction Material Market (by Region), \$Million, 2022-2032

Table 18: North America Low-Carbon Construction Material Market (by Application), Kiloton, 2022-2032

Table 19: North America Low-Carbon Construction Material Market (by Application), \$Million, 2022-2032

Table 20: North America Low-Carbon Construction Material Market (by Material), Kiloton, 2022-2032

Table 21: North America Low-Carbon Construction Material Market (by Material), \$Million, 2022-2032

Table 22: U.S. Low-Carbon Construction Material Market (by Application), Kiloton, 2022-2032

Table 23: U.S. Low-Carbon Construction Material Market (by Application), \$Million, 2022-2032

Table 24: U.S. Low-Carbon Construction Material Market (by Material), Kiloton, 2022-2032

Table 25: U.S. Low-Carbon Construction Material Market (by Material), \$Million, 2022-2032

Table 26: Canada Low-Carbon Construction Material Market (by Application), Kiloton, 2022-2032

Table 27: Canada Low-Carbon Construction Material Market (by Application), \$Million, 2022-2032

Table 28: Canada Low-Carbon Construction Material Market (by Material), Kiloton, 2022-2032

Table 29: Canada Low-Carbon Construction Material Market (by Material), \$Million, 2022-2032

Table 30: Mexico Low-Carbon Construction Material Market (by Application), Kiloton, 2022-2032

Table 31: Mexico Low-Carbon Construction Material Market (by Application), \$Million, 2022-2032

Table 32: Mexico Low-Carbon Construction Material Market (by Material), Kiloton, 2022-2032

Table 33: Mexico Low-Carbon Construction Material Market (by Material), \$Million, 2022-2032

Table 34: Europe Low-Carbon Construction Material Market (by Application), Kiloton, 2022-2032

Table 35: Europe Low-Carbon Construction Material Market (by Application), \$Million, 2022-2032

Table 36: Europe Low-Carbon Construction Material Market (by Material), Kiloton, 2022-2032

Table 37: Europe Low-Carbon Construction Material Market (by Material), \$Million, 2022-2032

Table 38: Germany Low-Carbon Construction Material Market (by Application), Kiloton, 2022-2032

Table 39: Germany Low-Carbon Construction Material Market (by Application), \$Million, 2022-2032

Table 40: Germany Low-Carbon Construction Material Market (by Material), Kiloton, 2022-2032

Table 41: Germany Low-Carbon Construction Material Market (by Material), \$Million, 2022-2032

Table 42: France Low-Carbon Construction Material Market (by Application), Kiloton, 2022-2032

Table 43: France Low-Carbon Construction Material Market (by Application), \$Million, 2022-2032

Table 44: France Low-Carbon Construction Material Market (by Material), Kiloton, 2022-2032

Table 45: France Low-Carbon Construction Material Market (by Material), \$Million,

2022-2032

Table 46: Italy Low-Carbon Construction Material Market (by Application), Kiloton, 2022-2032

Table 47: Italy Low-Carbon Construction Material Market (by Application), \$Million, 2022-2032

Table 48: Italy Low-Carbon Construction Material Market (by Material), Kiloton, 2022-2032

Table 49: Italy Low-Carbon Construction Material Market (by Material), \$Million, 2022-2032

Table 50: Spain Low-Carbon Construction Material Market (by Application), Kiloton, 2022-2032

Table 51: Spain Low-Carbon Construction Material Market (by Application), \$Million, 2022-2032

Table 52: Spain Low-Carbon Construction Material Market (by Material), Kiloton, 2022-2032

Table 53: Spain Low-Carbon Construction Material Market (by Material), \$Million, 2022-2032

Table 54: Rest-of-Europe Low-Carbon Construction Material Market (by Application), Kiloton, 2022-2032

Table 55: Rest-of-Europe Low-Carbon Construction Material Market (by Application), \$Million, 2022-2032

Table 56: Rest-of-Europe Low-Carbon Construction Material Market (by Material), Kiloton, 2022-2032

Table 57: Rest-of-Europe Low-Carbon Construction Material Market (by Material), \$Million, 2022-2032

Table 58: U.K. Low-Carbon Construction Material Market (by Application), Kiloton, 2022-2032

Table 59: U.K. Low-Carbon Construction Material Market (by Application), \$Million, 2022-2032

Table 60: U.K. Low-Carbon Construction Material Market (by Material), Kiloton, 2022-2032

Table 61: U.K. Low-Carbon Construction Material Market (by Material), \$Million, 2022-2032

Table 62: China Low-Carbon Construction Material Market (by Application), Kiloton, 2022-2032

Table 63: China Low-Carbon Construction Material Market (by Application), \$Million, 2022-2032

Table 64: China Low-Carbon Construction Material Market (by Material), Kiloton, 2022-2032

Table 65: China Low-Carbon Construction Material Market (by Material), \$Million, 2022-2032

Table 66: Asia-Pacific and Japan Low-Carbon Construction Material Market (by Application), Kiloton, 2022-2032

Table 67: Asia-Pacific and Japan Low-Carbon Construction Material Market (by Application), \$Million, 2022-2032

Table 68: Asia-Pacific and Japan Low-Carbon Construction Material Market (by Material), Kiloton, 2022-2032

Table 69: Asia-Pacific and Japan Low-Carbon Construction Material Market (by Material), \$Million, 2022-2032

Table 70: Japan Low-Carbon Construction Material Market (by Application), Kiloton, 2022-2032

Table 71: Japan Low-Carbon Construction Material Market (by Application), \$Million, 2022-2032

Table 72: Japan Low-Carbon Construction Material Market (by Material), Kiloton, 2022-2032

Table 73: Japan Low-Carbon Construction Material Market (by Material), \$Million, 2022-2032

Table 74: South Korea Low-Carbon Construction Material Market (by Application), Kiloton, 2022-2032

Table 75: South Korea Low-Carbon Construction Material Market (by Application), \$Million, 2022-2032

Table 76: South Korea Low-Carbon Construction Material Market (by Material), Kiloton, 2022-2032

Table 77: South Korea Low-Carbon Construction Material Market (by Material), \$Million, 2022-2032

Table 78: India Low-Carbon Construction Material Market (by Application), Kiloton, 2022-2032

Table 79: India Low-Carbon Construction Material Market (by Application), \$Million, 2022-2032

Table 80: India Low-Carbon Construction Material Market (by Material), Kiloton, 2022-2032

Table 81: India Low-Carbon Construction Material Market (by Material), \$Million, 2022-2032

Table 82: Australia Low-Carbon Construction Material Market (by Application), Kiloton, 2022-2032

Table 83: Australia Low-Carbon Construction Material Market (by Application), \$Million, 2022-2032

Table 84: Australia Low-Carbon Construction Material Market (by Material), Kiloton,

2022-2032

Table 85: Australia Low-Carbon Construction Material Market (by Material), \$Million, 2022-2032

Table 86: Rest-of-Asia-Pacific and Japan Low-Carbon Construction Material Market (by Application), Kiloton, 2022-2032

Table 87: Rest-of-Asia-Pacific and Japan Low-Carbon Construction Material Market (by Application), \$Million, 2022-2032

Table 88: Rest-of-Asia-Pacific and Japan Low-Carbon Construction Material Market (by Material), Kiloton, 2022-2032

Table 89: Rest-of-Asia-Pacific and Japan Low-Carbon Construction Material Market (by Material), \$Million, 2022-2032

Table 90: Rest-of-the-World Low-Carbon Construction Material Market (by Application), Kiloton, 2022-2032

Table 91: Rest-of-the-World Low-Carbon Construction Material Market (by Application), \$Million, 2022-2032

Table 92: Rest-of-the-World Low-Carbon Construction Material Market (by Material), Kiloton, 2022-2032

Table 93: Rest-of-the-World Low-Carbon Construction Material Market (by Material), \$Million, 2022-2032

Table 94: South America Low-Carbon Construction Material Market (by Application), Kiloton, 2022-2032

Table 95: South America Low-Carbon Construction Material Market (by Application), \$Million, 2022-2032

Table 96: South America Low-Carbon Construction Material Market (by Material), Kiloton, 2022-2032

Table 97: South America Low-Carbon Construction Material Market (by Material), \$Million, 2022-2032

Table 98: Middle East and Africa Low-Carbon Construction Material Market (by Application), Kiloton, 2022-2032

Table 99: Middle East and Africa Low-Carbon Construction Material Market (by Application), \$Million, 2022-2032

Table 100: Middle East and Africa Low-Carbon Construction Material Market (by Material), Kiloton, 2022-2032

Table 101: Middle East and Africa Low-Carbon Construction Material Market (by Material), \$Million, 2022-2032

Table 102: Product Matrix of Key Companies

Table 103: Market Share Range Analysis: Low-Carbon Construction Material Market, 2022

Table 104: CarbiCrete: Product Portfolio

- Table 105: CarbiCrete: Market Development
- Table 106: CarbiCrete: Partnerships, Joint Ventures, Collaborations, and Alliances
- Table 107: Cemex, S.A.B. de C.V.: Product Portfolio
- Table 108: Cemex, S.A.B. de C.V.: Market Development
- Table 109: CarbonCure Technologies Inc.: Product Portfolio
- Table 110: CarbonCure Technologies Inc.: Product Development
- Table 111: CarbonCure Technologies Inc.: Market Development
- Table 112: CarbonCure Technologies Inc.: Partnerships, Joint Ventures, Collaborations, and Alliances
- Table 113: ArcelorMittal: Product Portfolio
- Table 114: ArcelorMittal: Product Development
- Table 115: SSAB AB: Product Portfolio
- Table 116: SSAB AB: Product Development
- Table 117: SSAB AB: Market Development
- Table 118: SSAB AB: Partnerships, Joint Ventures, Collaborations, and Alliances
- Table 119: Nucor Corporation: Product Portfolio
- Table 120: Nucor Corporation: Product Development
- Table 121: Nucor Corporation: Mergers and Acquisitions
- Table 122: HOLCIM: Product Portfolio
- Table 123: HOLCIM: Product Development
- Table 124: HOLCIM: Market Development
- Table 125: Norsk Hydro ASA: Product Portfolio
- Table 126: Norsk Hydro ASA: Market Development
- Table 127: Norsk Hydro ASA: Mergers and Acquisitions
- Table 128: Norsk Hydro ASA: Partnerships, Joint Ventures, Collaborations, and Alliances
- Table 129: Novelis Inc.: Product Portfolio
- Table 130: Novelis Inc.: Product Development
- Table 131: Novelis Inc.: Market Development
- Table 132: Novelis Inc.: Partnerships, Joint Ventures, Collaborations, and Alliances
- Table 133: Low-Carbon Materials: Product Portfolio
- Table 134: Low-Carbon Materials: Market Development
- Table 135: Ecocem: Product Portfolio
- Table 136: Ecocem: Product Development
- Table 137: Ecocem: Market Development
- Table 138: Ecocem: Partnerships, Joint Ventures, Collaborations, and Alliances
- Table 139: Mercer Mass Timber LLC: Product Portfolio
- Table 140: Mercer Mass Timber LLC: Mergers and Acquisitions
- Table 141: CRH plc: Product Portfolio

- Table 142: CRH plc: Product Development
- Table 143: CRH plc: Market Development
- Table 144: CRH plc: Partnerships, Joint Ventures, Collaborations, and Alliances
- Table 145: Stora Enso: Product Portfolio
- Table 146: Stora Enso: Product Development
- Table 147: Stora Enso: Market Development
- Table 148: Stora Enso: Mergers and Acquisitions
- Table 149: Stora Enso: Partnerships, Joint Ventures, Collaborations, and Alliances
- Table 150: Plantd, Inc.: Product Portfolio
- Table 151: Plantd, Inc.: Market Development
- Table 152: Plantd, Inc.: Partnerships, Joint Ventures, Collaborations, and Alliances
- Table 153: Roca Tile USA: Product Portfolio
- Table 154: Roca Tile USA: Mergers and Acquisitions
- Table 155: AGC Inc.: Product Portfolio
- Table 156: AGC Inc.: Product Development
- Table 157: Plastic Lumber Yard, LLC: Product Portfolio
- Table 158: Naftex GmbH: Product Portfolio
- Table 159: Kenoteq Ltd.: Product Portfolio
- Table 160: Kenoteq Ltd.: Product Development
- Table 161: Kenoteq Ltd.: Market Development

I would like to order

Product name: Low-Carbon Aluminum Market - A Global and Regional Analysis: Focus on Source of Production, Product, End User, and Region - Analysis and Forecast, 2022-2031

Product link: <https://marketpublishers.com/r/L35603DEFEC3EN.html>

Price: US\$ 5,500.00 (Single User License / Electronic Delivery)

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

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/L35603DEFEC3EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970

