

## **Global Green Concrete Market Report and Forecast 2022-2027**

Market Report | 2022-08-24 | 169 pages | EMR Inc.

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### **Report description:**

Global Green Concrete Market Report and Forecast 2022-2027

Market Outlook

According to the report by Expert Market Research (EMR), the global green concrete market is aided by the growing construction industry. The market is projected to grow at a CAGR of 10.4% between 2022 and 2027.

Green concrete is described as concrete that utilises waste material as a minimum of one of its components, or in some other way is environmentally friendly. This can be through a production process that is environment-positive or its lifecycle sustainability, or high performance that extends its lifespan. Factors such as good thermal resistance and fire resistance, and flexural strength of green concrete are almost equal to that of conventional concrete, aiding the market growth of green concrete globally.

Moreover, the compressive strength behaviour of green concrete and the water cement ratio as compared to conventional concrete is anticipated to drive the green concrete market demand across the world. Based on the application, the commercial segment is expected to fuel the market growth during the upcoming years on account of the rise in green cement usage in commercial establishments like offices, shopping malls, spaces, hospitals, and theatres.

Geographically, the Europe region is expected to register growth in the green concrete market share on account of the strict rules relating to carbon emissions along with an upsurge in taxes which is likely to be imposed on industrial emissions.

The reduction of the CO<sub>2</sub> emissions by the concrete industry by 30% coupled with the upsurged concrete industry's usage of waste products by 20% is likely to drive the market growth of green concrete during the forecast period. With no environmental pollution and a relatively sustainable development process, green concrete has less need for frequent repairs or maintenance and in comparison to conventional concrete, has better workability. These are some of the major aspects expected to fuel the green concrete market demand across the globe.

Several companies undertaking research and development activities to improve technology is expected to propel the market growth. Such companies often use various raw materials to acquire cost-effective green cement mixtures. Thereby, these initiatives as well as advancements by producers are projected to offer productive opportunities for market growth during the forecast period.

Market Segmentation

The market can be divided on the basis of type, design, application, and region.

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Based on type, the market is divided into:

- Cement Concrete
- Lime Concrete
- Others

By design, the industry is segmented into:

- Plain Cement Concrete
- Pre-Stressed Cement Concrete
- Reinforced Cement Concrete
- Others

On the basis of application, the industry can be categorised into:

- Commercial
- Infrastructure
- Residential
- Others

Market Breakup by Region

- North America
- Latin America
- Asia Pacific
- Europe
- Middle East and Africa

Competitive Landscape

The EMR report looks into the market shares, plant turnarounds, capacities, investments, and acquisitions and mergers, among other major developments, of the global green concrete market. Some of the major key players explored in the report by Expert Market Research are as follows:

- Dow Chemical Company
- Flyocrete Green Concrete LLP
- BASF SE
- LafargeHolcim Ltd.
- MAPEI Inc.
- Others

\*We at Expert Market Research always strive to give you the latest information. The numbers in the article are only indicative and may be different from the actual report.

## **Table of Contents:**

- 1 Preface
- 2 Report Coverage - Key Segmentation and Scope
- 3 Report Description
  - 3.1 Market Definition and Outlook
  - 3.2 Properties and Applications
  - 3.3 Market Analysis
  - 3.4 Key Players
- 4 Key Assumptions
- 5 Executive Summary
  - 5.1 Overview
  - 5.2 Key Drivers
  - 5.3 Key Developments

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- 5.4 Competitive Structure
- 5.5 Key Industrial Trends
- 6 Snapshot
  - 6.1 Global
  - 6.2 Regional
- 7 Opportunities and Challenges in the Market
- 8 Global Green Concrete Market Analysis
  - 8.1 Key Industry Highlights
  - 8.2 Global Green Concrete Historical Market (2017-2021)
  - 8.3 Global Green Concrete Market Forecast (2022-2027)
  - 8.4 Global Green Concrete Market by Type
    - 8.4.1 Fly Ash Concrete
      - 8.4.1.1 Market Share
      - 8.4.1.2 Historical Trend (2017-2021)
      - 8.4.1.3 Forecast Trend (2022-2027)
    - 8.4.2 Ground Granulated Blast-Furnace Slag Concrete
      - 8.4.2.1 Market Share
      - 8.4.2.2 Historical Trend (2017-2021)
      - 8.4.2.3 Forecast Trend (2022-2027)
    - 8.4.3 Silica Fume Concrete
      - 8.4.3.1 Market Share
      - 8.4.3.2 Historical Trend (2017-2021)
      - 8.4.3.3 Forecast Trend (2022-2027)
    - 8.4.4 Others
  - 8.5 Global Green Concrete Market by Design
    - 8.5.1 Plain Cement Concrete
      - 8.5.1.1 Market Share
      - 8.5.1.2 Historical Trend (2017-2021)
      - 8.5.1.3 Forecast Trend (2022-2027)
    - 8.5.2 Reinforced Cement Concrete
      - 8.5.2.1 Market Share
      - 8.5.2.2 Historical Trend (2017-2021)
      - 8.5.2.3 Forecast Trend (2022-2027)
    - 8.5.3 Pre-Stressed Cement Concrete
      - 8.5.3.1 Market Share
      - 8.5.3.2 Historical Trend (2017-2021)
      - 8.5.3.3 Forecast Trend (2022-2027)
    - 8.5.4 Others
  - 8.6 Global Green Concrete Market by Application
    - 8.6.1 Commercial
      - 8.6.1.1 Market Share
      - 8.6.1.2 Historical Trend (2017-2021)
      - 8.6.1.3 Forecast Trend (2022-2027)
    - 8.6.2 Residential
      - 8.6.2.1 Market Share
      - 8.6.2.2 Historical Trend (2017-2021)
      - 8.6.2.3 Forecast Trend (2022-2027)

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- 8.6.3 Infrastructure
  - 8.6.3.1 Market Share
  - 8.6.3.2 Historical Trend (2017-2021)
  - 8.6.3.3 Forecast Trend (2022-2027)
- 8.6.4 Others
- 8.7 Global Green Concrete Market by Region
  - 8.7.1 North America
    - 8.7.1.1 Market Share
    - 8.7.1.2 Historical Trend (2017-2021)
    - 8.7.1.3 Forecast Trend (2022-2027)
  - 8.7.2 Europe
    - 8.7.2.1 Market Share
    - 8.7.2.2 Historical Trend (2017-2021)
    - 8.7.2.3 Forecast Trend (2022-2027)
  - 8.7.3 Asia Pacific
    - 8.7.3.1 Market Share
    - 8.7.3.2 Historical Trend (2017-2021)
    - 8.7.3.3 Forecast Trend (2022-2027)
  - 8.7.4 Latin America
    - 8.7.4.1 Market Share
    - 8.7.4.2 Historical Trend (2017-2021)
    - 8.7.4.3 Forecast Trend (2022-2027)
  - 8.7.5 Middle East and Africa
    - 8.7.5.1 Market Share
    - 8.7.5.2 Historical Trend (2017-2021)
    - 8.7.5.3 Forecast Trend (2022-2027)
- 9 North America Green Concrete Market Analysis
  - 9.1 United States of America
    - 9.1.1 Market Share
    - 9.1.2 Historical Trend (2017-2021)
    - 9.1.3 Forecast Trend (2022-2027)
  - 9.2 Canada
    - 9.2.1 Market Share
    - 9.2.2 Historical Trend (2017-2021)
    - 9.2.3 Forecast Trend (2022-2027)
- 10 Europe Green Concrete Market Analysis
  - 10.1 United Kingdom
    - 10.1.1 Market Share
    - 10.1.2 Historical Trend (2017-2021)
    - 10.1.3 Forecast Trend (2022-2027)
  - 10.2 Germany
    - 10.2.1 Market Share
    - 10.2.2 Historical Trend (2017-2021)
    - 10.2.3 Forecast Trend (2022-2027)
  - 10.3 France
    - 10.3.1 Market Share
    - 10.3.2 Historical Trend (2017-2021)

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- 10.3.3 Forecast Trend (2022-2027)
- 10.4 Italy
  - 10.4.1 Market Share
  - 10.4.2 Historical Trend (2017-2021)
  - 10.4.3 Forecast Trend (2022-2027)
- 10.5 Others
- 11 Asia Pacific Green Concrete Market Analysis
  - 11.1 China
    - 11.1.1 Market Share
    - 11.1.2 Historical Trend (2017-2021)
    - 11.1.3 Forecast Trend (2022-2027)
  - 11.2 Japan
    - 11.2.1 Market Share
    - 11.2.2 Historical Trend (2017-2021)
    - 11.2.3 Forecast Trend (2022-2027)
  - 11.3 India
    - 11.3.1 Market Share
    - 11.3.2 Historical Trend (2017-2021)
    - 11.3.3 Forecast Trend (2022-2027)
  - 11.4 ASEAN
    - 11.4.1 Market Share
    - 11.4.2 Historical Trend (2017-2021)
    - 11.4.3 Forecast Trend (2022-2027)
  - 11.5 Australia
    - 11.5.1 Market Share
    - 11.5.2 Historical Trend (2017-2021)
    - 11.5.3 Forecast Trend (2022-2027)
  - 11.6 Others
- 12 Latin America Green Concrete Market Analysis
  - 12.1 Brazil
    - 12.1.1 Market Share
    - 12.1.2 Historical Trend (2017-2021)
    - 12.1.3 Forecast Trend (2022-2027)
  - 12.2 Argentina
    - 12.2.1 Market Share
    - 12.2.2 Historical Trend (2017-2021)
    - 12.2.3 Forecast Trend (2022-2027)
  - 12.3 Mexico
    - 12.3.1 Market Share
    - 12.3.2 Historical Trend (2017-2021)
    - 12.3.3 Forecast Trend (2022-2027)
  - 12.4 Others
- 13 Middle East and Africa Green Concrete Market Analysis
  - 13.1 Saudi Arabia
    - 13.1.1 Market Share
    - 13.1.2 Historical Trend (2017-2021)
    - 13.1.3 Forecast Trend (2022-2027)

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- 13.2 United Arab Emirates
  - 13.2.1 Market Share
  - 13.2.2 Historical Trend (2017-2021)
  - 13.2.3 Forecast Trend (2022-2027)
- 13.3 Nigeria
  - 13.3.1 Market Share
  - 13.3.2 Historical Trend (2017-2021)
  - 13.3.3 Forecast Trend (2022-2027)
- 13.4 South Africa
  - 13.4.1 Market Share
  - 13.4.2 Historical Trend (2017-2021)
  - 13.4.3 Forecast Trend (2022-2027)
- 13.5 Others
- 14 Market Dynamics
  - 14.1 SWOT Analysis
    - 14.1.1 Strengths
    - 14.1.2 Weaknesses
    - 14.1.3 Opportunities
    - 14.1.4 Threats
  - 14.2 Porter's Five Forces Analysis
    - 14.2.1 Supplier's Power
    - 14.2.2 Buyer's Power
    - 14.2.3 Threat of New Entrants
    - 14.2.4 Degree of Rivalry
    - 14.2.5 Threat of Substitutes
  - 14.3 Key Indicators for Demand
  - 14.4 Key Indicators for Price
- 15 Value Chain Analysis
- 16 Price Analysis
- 17 Competitive Landscape
  - 17.1 Market Structure
  - 17.2 Company Profiles
    - 17.2.1 Dow Chemical Company
      - 17.2.1.1 Company Overview
      - 17.2.1.2 Product Portfolio
      - 17.2.1.3 Demographic Reach and Achievements
      - 17.2.1.4 Certifications
    - 17.2.2 BASF SE
      - 17.2.2.1 Company Overview
      - 17.2.2.2 Product Portfolio
      - 17.2.2.3 Demographic Reach and Achievements
      - 17.2.2.4 Certifications
    - 17.2.3 MAPEI Inc.
      - 17.2.3.1 Company Overview
      - 17.2.3.2 Product Portfolio
      - 17.2.3.3 Demographic Reach and Achievements
      - 17.2.3.4 Certifications

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- 17.2.4 LafargeHolcim Ltd.
    - 17.2.4.1 Company Overview
    - 17.2.4.2 Product Portfolio
    - 17.2.4.3 Demographic Reach and Achievements
    - 17.2.4.4 Certifications
  - 17.2.5 Flyocrete Green Concrete LLP
    - 17.2.5.1 Company Overview
    - 17.2.5.2 Product Portfolio
    - 17.2.5.3 Demographic Reach and Achievements
    - 17.2.5.4 Certifications
  - 17.2.6 Others
- 18 Key Trends and Developments in the Market

#### Additional Customisations Available

- 1 Manufacturing Process
  - 1.1 Detailed Process Flow
  - 1.2 Operations Involved
  - 1.3 Mass Balance
- 2 Project Requirements and Cost Analysis
  - 2.1 Land, Location, and Site Development
  - 2.2 Construction
  - 2.3 Plant Machinery
  - 2.4 Raw Materials
  - 2.5 Packaging
  - 2.6 Transportation
  - 2.7 Utilities
  - 2.8 Manpower
  - 2.9 Other Capital Investments

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