

# **Supplementary Cementitious Materials Market Size, Share & Trends Analysis Report By Type (Fly Ash, Slag Cement, Silica Fume), By Application (Residential, Commercial, Industrial & Infrastructural), By Region, And Segment Forecasts, 2026 - 2033**

<https://marketpublishers.com/r/SC717E95B671EN.html>

Date: March 2026

Pages: 107

Price: US\$ 5,950.00 (Single User License)

ID: SC717E95B671EN

## **Abstracts**

The global supplementary cementitious materials market size was estimated at USD 16.5 billion in 2025 and is expected to reach USD 28.8 billion by 2033, growing at a CAGR of 7.2% from 2026 to 2033. The demand for supplementary cementitious materials (SCMs) is increasing due to the growing emphasis on sustainable construction and the need to reduce the carbon footprint of cement production.

SCMs such as fly ash, slag cement, and silica fume partially replace Portland cement in concrete mixtures, thereby lowering greenhouse gas emissions. The construction industry is increasingly adopting these materials to meet environmental standards and green building certifications. Rapid urbanization and infrastructure development across emerging economies are also contributing to increased concrete consumption, indirectly boosting the use of SCMs.

Key demand drivers for SCMs include the rising cost of traditional cement production and the need for more efficient construction materials. SCMs improve the mechanical properties of concrete, including strength, durability, and resistance to chemical attacks. Infrastructure expansion projects such as highways, bridges, ports, and commercial buildings are major consumers of SCM-blended concrete. The increasing adoption of ready-mix concrete and precast construction methods is also supporting SCM integration into standard concrete formulations. Many construction companies prefer SCMs because they enhance workability and reduce the heat of hydration in mass concrete structures.

Technological advancements and material innovations are shaping the SCM market landscape. Researchers and manufacturers are developing new types of SCMs derived from industrial waste streams and natural pozzolans. Advanced grinding and processing technologies are improving the reactivity and consistency of SCM materials, making them more suitable for high-performance concrete. The growing interest in low-carbon cement alternatives such as geopolymer concrete is further accelerating the development of innovative SCM formulations. Digital concrete mix optimization tools are also helping producers design efficient mixes that maximize SCM usage while maintaining performance.

### Global Supplementary Cementitious Materials Market Report Segmentation

This report forecasts revenue growth at regional & country levels and provides an analysis on the industry trends in each of the sub-segments from 2021 to 2033. For the purpose of this study, Grand View Research has segmented the supplementary cementitious materials market on the basis of material type, application, and region:

#### Type Outlook (Revenue, USD Billion, 2021 - 2033)

Fly Ash

Slag Cement

Silica Fume

Others

#### Application Outlook (Revenue, USD Billion, 2021 - 2033)

Residential

Commercial

Industrial & Infrastructural

#### Regional Outlook (Revenue, USD Billion, 2021 - 2033)

North America

U.S.

Canada

Mexico

Europe

UK

Germany

France

Italy

Asia Pacific

China

Japan

India

Latin America

Middle East and Africa

**This report can be delivered to the clients within 8 Business Days**

## Contents

### **CHAPTER 1. METHODOLOGY AND SCOPE**

- 1.1. Market Segmentation & Scope
- 1.2. Market Definition
- 1.3. Information Procurement
  - 1.3.1. Purchased Database
  - 1.3.2. GVR's Internal Database
  - 1.3.3. Secondary Sources
  - 1.3.4. Third-Party Perspectives
  - 1.3.5. Primary Research
- 1.4. Information Analysis
  - 1.4.1. Data Analysis Models
- 1.5. Market Formulation & Data Visualization
- 1.6. Data Validation and Publishing

### **CHAPTER 2. EXECUTIVE SUMMARY**

- 2.1. Market Outlook
- 2.2. Segmental Outlook
- 2.3. Competitive Insights

### **CHAPTER 3. SUPPLEMENTARY CEMENTITIOUS MATERIALS MARKET VARIABLES, TRENDS & SCOPE**

- 3.1. Value Chain Analysis
- 3.2. Regulatory Framework
- 3.3. Technology Overview
- 3.4. Market Dynamics
  - 3.4.1. Market driver analysis
  - 3.4.2. Market restraint analysis
  - 3.4.3. Industry opportunity
  - 3.4.4. Market Challenges
- 3.5. Business Environment Analysis
  - 3.5.1. Porter's Analysis
    - 3.5.1.1. Supplier Power
    - 3.5.1.2. Buyer Power
    - 3.5.1.3. Substitution Threat

- 3.5.1.4. Threat from New Entrant
- 3.5.1.5. Competitive Rivalry
- 3.5.2. PESTEL Analysis, by SWOT
  - 3.5.2.1. Political Landscape
  - 3.5.2.2. Environmental Landscape
  - 3.5.2.3. Social Landscape
  - 3.5.2.4. Technology Landscape
  - 3.5.2.5. Economic Landscape
  - 3.5.2.6. Legal Landscape

## **CHAPTER 4. SUPPLEMENTARY CEMENTITIOUS MATERIALS MARKET: TYPE ESTIMATES & TREND ANALYSIS**

- 4.1. Type Takeaways
- 4.2. Type Market Share Analysis, 2026 - 2033
- 4.3. Supplementary Cementitious Materials Market Estimates & Forecast, By Type 2021 - 2033 (USD Million)
- 4.4. Fly Ash
  - 4.4.1. Supplementary Cementitious Materials Market Estimates & Forecast, By Fly Ash, 2021 - 2033 (USD Million)
- 4.5. Slag Cement
  - 4.5.1. Supplementary Cementitious Materials Market Estimates & Forecast, By Slag Cement, 2021 - 2033 (USD Million)
- 4.6. Silica Fume
  - 4.6.1. Supplementary Cementitious Materials Market Estimates & Forecast, By Silica Fume, 2021 - 2033 (USD Million)
- 4.7. Others
  - 4.7.1. Supplementary Cementitious Materials Market Estimates & Forecast, By Others, 2021 - 2033 (USD Million)

## **CHAPTER 5. SUPPLEMENTARY CEMENTITIOUS MATERIALS MARKET: APPLICATION ESTIMATES & TREND ANALYSIS**

- 5.1. Application Takeaways
- 5.2. Application Market Share Analysis, 2026 - 2033
- 5.3. Supplementary Cementitious Materials Market Estimates & Forecast, By Application 2021 - 2033 (USD Million)
- 5.4. Residential
  - 5.4.1. Supplementary Cementitious Materials Market Estimates & Forecast, For

Residential, 2021 - 2033 (USD Million)

5.5. Commercial

5.5.1. Supplementary Cementitious Materials Market Estimates & Forecast, For Commercial, 2021 - 2033 (USD Million)

5.6. Industrial & Infrastructural

5.6.1. Supplementary Cementitious Materials Market Estimates & Forecast, For Industrial & Infrastructural, 2021 - 2033 (USD Million)

## **CHAPTER 6. SUPPLEMENTARY CEMENTITIOUS MATERIALS MARKET: REGIONAL ESTIMATES & TREND ANALYSIS**

6.1. Key Takeaways

6.2. Regional Market Share Analysis, 2026 - 2033

6.3. North America

6.3.1. North America Supplementary Cementitious Materials Market Estimates & Forecasts, 2021 - 2033 (USD Million)

6.3.2. North America Supplementary Cementitious Materials Market Estimates & Forecasts, By Type, 2021 - 2033 (USD Million)

6.3.3. North America Supplementary Cementitious Materials Market Estimates & Forecasts, By Application, 2021 - 2033 (USD Million)

6.3.4. U.S.

6.3.4.1. U.S. Supplementary Cementitious Materials Market Estimates & Forecasts, 2021 - 2033 (USD Million)

6.3.4.2. U.S. Supplementary Cementitious Materials Market Estimates & Forecasts, By Type, 2021 - 2033 (USD Million)

6.3.4.3. U.S. Supplementary Cementitious Materials Market Estimates & Forecasts, By Application, 2021 - 2033 (USD Million)

6.3.5. Canada

6.3.5.1. Canada Supplementary Cementitious Materials Market Estimates & Forecasts, 2021 - 2033 (USD Million)

6.3.5.2. Canada Supplementary Cementitious Materials Market Estimates & Forecasts, By Type, 2021 - 2033 (USD Million)

6.3.5.3. Canada Supplementary Cementitious Materials Market Estimates & Forecasts, By Application, 2021 - 2033 (USD Million)

6.3.6. Mexico

6.3.6.1. Mexico Supplementary Cementitious Materials Market Estimates & Forecasts, 2021 - 2033 (USD Million)

6.3.6.2. Mexico Supplementary Cementitious Materials Market Estimates & Forecasts, By Type, 2021 - 2033 (USD Million)

6.3.6.3. Mexico Supplementary Cementitious Materials Market Estimates & Forecasts, By Application, 2021 - 2033 (USD Million)

6.4. Europe

6.4.1. Europe Supplementary Cementitious Materials Market Estimates & Forecasts, 2021 - 2033 (USD Million)

6.4.2. Europe Supplementary Cementitious Materials Market Estimates & Forecasts, By Type, 2021 - 2033 (USD Million)

6.4.3. Europe Supplementary Cementitious Materials Market Estimates & Forecasts, By Application, 2021 - 2033 (USD Million)

6.4.4. UK

6.4.4.1. UK Supplementary Cementitious Materials Market Estimates & Forecasts, 2021 - 2033 (USD Million)

6.4.4.2. UK Supplementary Cementitious Materials Market Estimates & Forecasts, By Type, 2021 - 2033 (USD Million)

6.4.4.3. UK Supplementary Cementitious Materials Market Estimates & Forecasts, By Application, 2021 - 2033 (USD Million)

6.4.5. Germany

6.4.5.1. Germany Supplementary Cementitious Materials Market Estimates & Forecasts, 2021 - 2033 (USD Million)

6.4.5.2. Germany Supplementary Cementitious Materials Market Estimates & Forecasts, By Type, 2021 - 2033 (USD Million)

6.4.5.3. Germany Supplementary Cementitious Materials Market Estimates & Forecasts, By Application, 2021 - 2033 (USD Million)

6.4.6. France

6.4.6.1 France Supplementary Cementitious Materials Market Estimates & Forecasts, 2021 - 2033 (USD Million)

6.4.6.2. France Supplementary Cementitious Materials Market Estimates & Forecasts, By Type, 2021 - 2033 (USD Million)

6.4.6.3. France Supplementary Cementitious Materials Market Estimates & Forecasts, By Application, 2021 - 2033 (USD Million)

6.4.7. Italy

6.4.7.1 Italy Supplementary Cementitious Materials Market Estimates & Forecasts, 2021 - 2033 (USD Million)

6.4.7.2. Italy Supplementary Cementitious Materials Market Estimates & Forecasts, By Type, 2021 - 2033 (USD Million)

6.4.7.3. Italy Supplementary Cementitious Materials Market Estimates & Forecasts, By Application, 2021 - 2033 (USD Million)

6.5. Asia Pacific

6.5.1. Asia Pacific Supplementary Cementitious Materials Market Estimates &

Forecasts, 2021 - 2033 (USD Million)

6.5.2. Asia Pacific Supplementary Cementitious Materials Market Estimates & Forecasts, By Type, 2021 - 2033 (USD Million)

6.5.3. Asia Pacific Supplementary Cementitious Materials Market Estimates & Forecasts, By Application, 2021 - 2033 (USD Million)

6.5.4. China

6.5.4.1. China Supplementary Cementitious Materials Market Estimates & Forecasts, 2021 - 2033 (USD Million)

6.5.4.2. China Supplementary Cementitious Materials Market Estimates & Forecasts, By Type, 2021 - 2033 (USD Million)

6.5.4.3. China Supplementary Cementitious Materials Market Estimates & Forecasts, By Application, 2021 - 2033 (USD Million)

6.5.5. Japan

6.5.5.1. Japan Supplementary Cementitious Materials Market Estimates & Forecasts, 2021 - 2033 (USD Million)

6.5.5.2. Japan Supplementary Cementitious Materials Market Estimates & Forecasts, By Type, 2021 - 2033 (USD Million)

6.5.5.3. Japan Supplementary Cementitious Materials Market Estimates & Forecasts, By Application, 2021 - 2033 (USD Million)

6.5.6. India

6.5.6.1. India Supplementary Cementitious Materials Market Estimates & Forecasts, 2021 - 2033 (USD Million)

6.5.6.2. India Supplementary Cementitious Materials Market Estimates & Forecasts, By Type, 2021 - 2033 (USD Million)

6.5.6.3. India Supplementary Cementitious Materials Market Estimates & Forecasts, By Application, 2021 - 2033 (USD Million)

6.6. Latin America

6.6.1. Latin America Supplementary Cementitious Materials Market Estimates & Forecasts, 2021 - 2033 (USD Million)

6.6.2. Latin America Supplementary Cementitious Materials Market Estimates & Forecasts, By Type, 2021 - 2033 (USD Million)

6.6.3. Latin America Supplementary Cementitious Materials Market Estimates & Forecasts, By Application, 2021 - 2033 (USD Million)

6.7. Middle East and Africa

6.7.1. Middle East and Africa Supplementary Cementitious Materials Market Estimates & Forecasts, 2021 - 2033 (USD Million)

6.7.2. Middle East and Africa Supplementary Cementitious Materials Market Estimates & Forecasts, By Type, 2021 - 2033 (USD Million)

6.7.3. Middle East and Africa Supplementary Cementitious Materials Market Estimates

& Forecasts, By Application, 2021 - 2033 (USD Million)

## **CHAPTER 7. COMPETITIVE LANDSCAPE**

7.1. Recent Developments & Impact Analysis, By Key Market Participants

7.2. Competition Categorization

7.3. Company Market Positioning

7.4. Company Heat Map Analysis, 2025

7.5. Strategy Mapping, 2025

7.6. Company Listing

7.6.1. Holcim Group

7.6.1.1. Company Overview

7.6.1.2. Financial Performance

7.6.1.3. Product Benchmarking

7.6.1.4. Strategic Initiatives

7.6.2. CEMEX S.A.B. de C.V.

7.6.2.1. Company Overview

7.6.2.2. Financial Performance

7.6.2.3. Product Benchmarking

7.6.2.4. Strategic Initiatives

7.6.3. Heidelberg Materials

7.6.3.1. Company Overview

7.6.3.2. Financial Performance

7.6.3.3. Product Benchmarking

7.6.3.4. Strategic Initiatives

7.6.4. Boral Limited

7.6.4.1. Company Overview

7.6.4.2. Financial Performance

7.6.4.3. Product Benchmarking

7.6.4.4. Strategic Initiatives

7.6.5. Eco Material Technologies

7.6.5.1. Company Overview

7.6.5.2. Financial Performance

7.6.5.3. Product Benchmarking

7.6.5.4. Strategic Initiatives

7.6.6. Ferroglobe PLC

7.6.6.1. Company Overview

7.6.6.2. Financial Performance

7.6.6.3. Product Benchmarking

- 7.6.6.4. Strategic Initiatives
- 7.6.7. Sika AG
  - 7.6.7.1. Company Overview
  - 7.6.7.2. Financial Performance
  - 7.6.7.3. Product Benchmarking
  - 7.6.7.4. Strategic Initiatives
- 7.6.8. Tata Steel Ltd.
  - 7.6.8.1. Company Overview
  - 7.6.8.2. Financial Performance
  - 7.6.8.3. Product Benchmarking
  - 7.6.8.4. Strategic Initiatives
- 7.6.9. CRH plc
  - 7.6.9.1. Company Overview
  - 7.6.9.2. Financial Performance
  - 7.6.9.3. Product Benchmarking
  - 7.6.9.4. Strategic Initiatives
- 7.6.10. Elkem ASA
  - 7.6.10.1. Company Overview
  - 7.6.10.2. Financial Performance
  - 7.6.10.3. Product Benchmarking
  - 7.6.10.4. Strategic Initiatives

## List Of Tables

### LIST OF TABLES

Table 1 Supplementary Cementitious Materials Market Estimates & Forecast, By Type  
2021 - 2033 (USD Million)

Table 2 Supplementary Cementitious Materials Market Estimates & Forecast, By  
Application 2021 - 2033 (USD Million)

## List Of Figures

### LIST OF FIGURES

- Fig. 1 Supplementary Cementitious Materials Market Segmentation & Scope
- Fig. 2 Information Procurement
- Fig. 3 Data Analysis Models
- Fig. 4 Market Formulation And Validation
- Fig. 5 Data Validating & Publishing
- Fig. 6 Regional Outlook
- Fig. 7 Segmental Outlook
- Fig. 8 Competitive Outlook
- Fig. 9 Market Penetration & Growth Mapping
- Fig. 10 Value Chain Analysis
- Fig. 11 Supplementary Cementitious Materials: Market Dynamics
- Fig. 12 Market Driver Analysis
- Fig. 13 Market Restraint Analysis
- Fig. 14 Industry Analysis: Porter's
- Fig. 15 PESTEL analysis, by SWOT
- Fig. 16 Type: Key Takeaways
- Fig. 17 Type: Market Share, 2026 & 2033
- Fig. 18 Supplementary Cementitious Materials Market Estimates & forecasts, By Fly Ash, 2021 - 2033 (USD Million)
- Fig. 19 Supplementary Cementitious Materials Market Estimates & forecasts, By Slag Cement, 2021 - 2033 (USD Million)
- Fig. 20 Supplementary Cementitious Materials Market Estimates & Forecast, By Silica Fume, 2021 - 2033 (USD Million)
- Fig. 21 Supplementary Cementitious Materials Market Estimates & Forecast, By Others, 2021 - 2033 (USD Million)
- Fig. 22 Application: Key Takeaways
- Fig. 23 Application: Market Share, 2026 & 2033
- Fig. 24 Supplementary Cementitious Materials market estimates & forecasts, for Residential, 2021 - 2033 (USD Million)
- Fig. 25 Supplementary Cementitious Materials market estimates & forecasts, for Commercial, 2021 - 2033 (USD Million)
- Fig. 26 Supplementary Cementitious Materials market estimates & forecasts, for Industrial & Infrastructural, 2021 - 2033 (USD Million)
- Fig. 27 Region, 2026 & 2033 (USD Million)
- Fig. 28 Regional marketplace: Key takeaways

Fig. 29 North America Supplementary Cementitious Materials Market Estimates & forecast, 2021 - 2033 (USD Million)

Fig. 30 U.S. Supplementary Cementitious Materials Market Estimates & forecast, 2021 - 2033 (USD Million)

Fig. 31 Canada Supplementary Cementitious Materials Market Estimates & forecast, 2021 - 2033 (USD Million)

Fig. 32 Mexico Supplementary Cementitious Materials Market Estimates & forecast, 2021 - 2033 (USD Million)

Fig. 33 Europe Supplementary Cementitious Materials Market Estimates & forecast, 2021 - 2033 (USD Million)

Fig. 34 UK Supplementary Cementitious Materials Market Estimates & forecast, 2021 - 2033 (USD Million)

Fig. 35 Germany Supplementary Cementitious Materials Market Estimates & forecast, 2021 - 2033 (USD Million)

Fig. 36 Italy Supplementary Cementitious Materials Market Estimates & forecast, 2021 - 2033 (USD Million)

Fig. 37 France Supplementary Cementitious Materials Market Estimates & forecast, 2021 - 2033 (USD Million)

Fig. 38 Asia Pacific Supplementary Cementitious Materials Market Estimates & forecast, 2021 - 2033 (USD Million)

Fig. 39 China Supplementary Cementitious Materials Market Estimates & forecast, 2021 - 2033 (USD Million)

Fig. 40 India Supplementary Cementitious Materials Market Estimates & forecast, 2021 - 2033 (USD Million)

Fig. 41 Japan Supplementary Cementitious Materials Market Estimates & forecast, 2021 - 2033 (USD Million)

Fig. 42 Latin America Supplementary Cementitious Materials Market Estimates & forecast, 2021 - 2033 (USD Million)

Fig. 43 Middle East and Africa Supplementary Cementitious Materials Market Estimates & forecast, 2021 - 2033 (USD Million)

Fig. 44 Competition Categorization

Fig. 45 Company Market Positioning

Fig. 46 Company Heat Map Analysis, 2025

## I would like to order

Product name: Supplementary Cementitious Materials Market Size, Share & Trends Analysis Report By Type (Fly Ash, Slag Cement, Silica Fume), By Application (Residential, Commercial, Industrial & Infrastructural), By Region, And Segment Forecasts, 2026 - 2033

Product link: <https://marketpublishers.com/r/SC717E95B671EN.html>

Price: US\$ 5,950.00 (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/SC717E95B671EN.html>