

Supplementary Cementitious Materials Market - Growth, Trends, Covid-19 Impact, and Forecast (2023 - 2028)

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Report description:

The supplementary cementitious materials market is estimated to register a CAGR of over 6% during the forecast period.

The delaying and shutting down of construction activities owing to the prolonged lockdowns and strict social distancing norms resulted in hampered demand for supplementary cementitious materials (SCM) globally. Disruptions in the supply chain and rising inflation have resulted in a brief slowdown in the growth of construction activities, thereby hindering the growth of the SCM market.

Key Highlights

In the long term, however, the construction industry is expected to boom globally during the forecast period. This growth can be attributed to the rising population, rising demand for better infrastructure, and widespread urbanization.

The market is also expected to benefit from the rising environmental regulations, with the rising need for reducing CO2 emissions expected to drive the demand for SCM during the forecast period.

Although, the lack of awareness regarding the potential benefits of using SCM is expected to serve as a hindrance to the growth of the market.

The rising call for action on improving the overall environmental sustainability aspect associated with the building and construction industry could potentially lead to future opportunities for the market.

Asia-Pacific region is expected to dominate the global market and is also likely to witness the highest CAGR during the forecast period.

Supplementary Cementitious Materials Market Trends

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Growth in the Residential Construction Industry

Growing population and rapid urbanization are two major factors driving the residential construction segment. With increasing disposable income in the hands of the growing population, there is an increasing demand for homes in the market.

As per a joint study conducted by Global Construction Perspectives and Oxford Economics, 31,000 homes need to be built every day for the next 14 years to suffice the growing housing demand in India, adding to a total of 170 million properties by 2030.

Other major countries like China, the United States, Indonesia, and the United Kingdom are expected to be major contributors to the construction industry by 2030. China is expected to add USD 2.1 trillion to global construction output over the next eight years.

The United Kingdom is expected to spend over USD 6 trillion on construction works by 2030. Residential house building is set to be significant, with 3.3 million homes expected to be constructed over the next 14 years.

The rise in population and rapid urbanization across major economies are expected to serve as the growth engine for the residential construction segment, thereby driving the demand for the SCM market during the forecast period.

Asia-Pacific Region Expected to Lead Globally

The highest demand globally for supplementary cementitious materials is expected to come from the Asia-Pacific region during the forecast period. The booming construction industry, growing population, and rapid urbanization are factors driving regional growth. China and India are expected to lead the Asia-Pacific region.

China is the global leader in cement production, with 2.5 billion metric tons in 2021, accounting for more than half of the world's production. China is followed by India and Vietnam as the world's second and third-largest cement producers, respectively.

In China, the investment in infrastructure has increased by 7.4% year-on-year between January and July 2022. The government is also considering allowing local governments to sell up to approximately USD 220 billion of the 2023 special bond quota, through which the government aims to fund infrastructure construction.

As per ICRA, in FY22, cement production in India is expected to grow at roughly 12% year-on-year. This growth is expected to be driven by increasing rural housing demand and the government's strong focus on infrastructure development.

The growing demand for cement is in tandem with the growing construction industry. The residential sector is expected to grow exponentially over the forecast period, with the government encouraging the construction of homes for rural populations through different schemes and funding.

Therefore, the Asia-Pacific region is expected to dominate the global market during the forecast period due to the above-mentioned factors.

Supplementary Cementitious Materials Market Competitor Analysis

The supplementary cementitious materials market is consolidated in nature. Some of the major players in the market are BASF SE, TATA Steel Ltd, ArcelorMittal SA, Sika AG, Ferroglobe PLC, Boral Ltd, CEMEX SAB de CV, CemGreen ApS, Innovative Ash Solutions, HeidelbergCement, and Others.

Additional Benefits:

The market estimate (ME) sheet in Excel format

3 months of analyst support

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