

South & Central America Green Cement and Concrete Market Forecast to 2030 - Regional Analysis - by Product Type (Fly Ash Based, Geopolymer, Slag Based, and Others) and End user (Commercial and Public Infrastructure, Industrial, and Residential)

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Abstracts

The South & Central America green cement and concrete market is expected to grow from US\$ 1,421.62 million in 2022 to US\$ 1,927.27 million by 2030. It is estimated to record a CAGR of 3.9% from 2022 to 2030.

Growing Utilization of Sustainable Materials in Public Infrastructure Drives South & Central America Green Cement and Concrete Market

The increasing concern for environmental pollution and carbon emissions from different industries has encouraged the governments of several nations to adopt more eco-friendly and sustainable alternatives with low to zero carbon emission rates. The cement industry is a major carbon-centric sector with a substantial share in growing environmental pollution worldwide. Green cement was developed to reduce the carbon footprint in the cement industry. The adoption of green cement in commercial and public infrastructure is rising and is anticipated to be more prominent in the coming years. The growing government initiative and encouraging policies are projected to boost the integration of sustainable green cement and concrete in the foundation of public infrastructure. Thus, the increasing proliferation of green cement as a viable alternative to conventional cement is anticipated to maintain its growing application in the commercial and public infrastructure sector.

South & Central America Green Cement and Concrete Market Overview

The green cement and concrete market in SAM are bifurcated into Brazil and Argentina. Despite several economic challenges, favourable government initiatives would propel the growth of the region's economy during the forecast period. SAM has the highest urbanization rate globally owing to the government initiatives that support industrial growth. With the growth in the industrial sector, the scope of integrating advanced material for constructing buildings such as green cement and concrete is expected to increase in the coming years.

SAM has the highest urbanization rates globally, which is ~80% of the total rate, owing to government initiatives to support industrial growth. For instance, Argentina concentrates on attracting more FDIs by easing import restrictions, signing international bilateral agreements, and lifting restrictions imposed on foreign investment, among others. Such initiatives are expected to support the development of businesses in South America.

Despite the political and economic uncertainties in South America, the construction industry in Brazil, Chile, Colombia, and Peru expanded by 1.1% in 2019. South America is witnessing a gradual but significant shift toward green cement. The industry responds to domestic and global trends to reduce carbon emissions and environmental impact. Brazil, as one of the top cement producers in the region, has been at the forefront of this transition. Cement manufacturers in South America have been increasingly adopting alternative materials and sustainable production practices. The region's abundant natural resources have paved the way for innovation in eco-friendly cement production, offering a promising path toward a more sustainable construction industry. South America is witnessing a gradual shift toward green cement owing to rapid development in Brazil and Argentina. The South American cement industry responds to domestic and global trends to reduce carbon emissions and environmental impact. Brazil, as one of the top cement producers in the region, has been at the forefront of this transition. The Brazilian economy is growing rapidly. The growth has directly affected the infrastructure development projects in Brazil. Brazil's infrastructure is divided into four major areas: airports, architectural, construction, and engineering (ACE) services, transportation, and water treatment. The government of Brazil established the Investment Partnerships Program (Programa de Parcerias de Investimentos (PPI) in 2016 to stimulate the economy and encourage private sector participation in infrastructure. Such factors have increased demand for the steel, cement, and concrete in the past and are expected to continue in the coming years. Further, Colombia has become one of the preferred countries for investments. As a result, the Colombian government is investing heavily to develop its infrastructure, ultimately driving the demand for cement and concrete. Thus, to reduce the carbon emission of the cement and concrete industry, the Colombian

Chamber of Cement and Concrete (PROCENCO), in collaboration with the Colombian Ministries of Commerce, Industry, and Tourism and the Environment, has established a sustainability strategy for the Colombian cement industry to cut CO2 emissions by 21% from 2010 to 2030. Furthermore, has committed to attain carbon neutrality by 2050 following the GCCA aim announced at COP26. Moving ahead, cement manufacturers in South America have been increasingly adopting alternative materials and sustainable production practices. The region's abundant natural resources have paved the way for innovation in eco-friendly cement production, offering a promising path toward a more sustainable construction industry. Such factors are projected to increase the demand for cement and concrete in the region, ultimately driving the green cement market. In addition, post-lockdown caused by the onset of the COVID-19 pandemic, the construction industry in SAM started recovering in key country markets, with growth observed in hotels, housing, and other architectural market segments.

South & Central America Green Cement and Concrete Market Revenue and Forecast to 2030 (US\$ Million)

South & Central America Green Cement and Concrete Market Segmentation

The South & Central America green cement and concrete market is segmented into product type, end user, and country.

Based on product type, the South & Central America green cement and concrete market is segmented into fly ash based, geopolymers, slag based, and others. The fly ash-based segment held the largest share of the South & Central America green cement and concrete market in 2022.

In terms of end user, the South & Central America green cement and concrete market is segmented into commercial and public infrastructure, industrial, and residential. The commercial and public infrastructure segment held the largest share of the South & Central America green cement and concrete market in 2022.

Based on country, the South & Central America green cement and concrete market is segmented into Brazil, Argentina, and the Rest of South & Central America. The Rest of South & Central America dominated the South & Central America green cement and concrete market in 2022.

China National Building Material Co Ltd, Holcim Ltd, Navrattan Green Cement Industries Pvt Ltd, and Cemex SAB de CV are some of the leading companies

operating in the South & Central America green cement and concrete market.

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