

## **Europe Geopolymer - Market Share Analysis, Industry Trends & Statistics, Growth Forecasts 2019 - 2029**

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### **Report description:**

The Europe geopolymer market is estimated to reach USD 2.25 billion by the end of this year. It is projected to reach USD 7.92 billion in the next five years, registering a CAGR of 28.67% over the forecast period.

COVID-19 negatively impacted the market. Since the pandemic outbreak threatened most European countries, almost every industrial sector was forced to stop operations. Currently, the market recovered from the pandemic and is growing at a significant rate.

#### Key Highlights

- Over the short term, the growing demand for green concrete and construction materials, environmental regulations, and sustainability initiatives are driving the studied market's growth.
- However, limited awareness of the advantage of using geopolymer is likely to restrain the growth of the studied market.
- Nevertheless, government initiatives promoting sustainable construction will likely create lucrative growth opportunities for the European market.
- Germany represents the largest market over the forecast period because it includes the region's largest economy and a booming construction sector.

#### Europe Geopolymer Market Trends

#### Building Segment to Dominate the Market

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- Environmental degradation and increased greenhouse gas emissions forced communities to introduce sustainable green building and construction materials.
- Geopolymers attained increasing attention because of their superior mechanical characteristics, eco-friendly, and ability to utilize numerous wastes as precursors.
- The growing construction activities across the European region enhance the geopolymer market. Rising investments in residential, commercial, and infrastructure projects are creating a significant demand for geopolymer materials.
- Germany contains the largest construction industry in Europe. The country's construction industry is growing slowly, driven by increasing new residential construction activities. The country's investment in non-residential and commercial buildings is expected to grow significantly over the coming years.
- The construction of hotels in Germany is also expected to rise sharply in the forecast period. As of 2022, more than 360 new hotels with 56,565 rooms had been in the pipeline. In the year 2023 will launch 78 more projects with 13,073 rooms. The pipeline of hotels is anticipated to stay strong for 2024 and beyond, with 153 projects and 22,769 rooms already in the works.
- Further, in the United Kingdom, GBP 11.5 billion (~USD 15.82 billion) was allocated for the country's Affordable Homes Program. It targets to deliver around 180,000 new homes over five years between 2021 and 2026.
- Moreover, various construction projects are active in the United Kingdom, which is expected to enhance the demand for geopolymer materials. For instance, according to New London Architecture, there are nearly 540 planned and under construction high-rise buildings in London, with an existing number of 360 tall buildings. The growing construction of high-rise buildings is estimated to drive the market studied.
- In addition, according to Eurostat, it is projected that the revenue from the construction of buildings in Italy will amount to approximately USD 57.68 billion by 2025. The country is expected to generate demand for geopolymer in plumbing, pipes, and other applications with the rise in construction activities.
- Therefore, such planned construction activities and investments will likely increase the demand for geopolymers in the European region during the forecast period.

#### Germany to Dominate the Market

- Germany dominated the European market share in the European region with growing construction activities and increasing demand for water treatment facilities.
- According to Federal Statistical Office (Destatis), the turnover of building construction was higher than that of any civil engineering or special construction segments as of 2022. Road and railway construction turnover was the largest in civil engineering activities at over EUR 21 billion (~USD 22.13 billion). It is followed by utility project construction at EUR 12 billion (~USD 12.65 billion) in Germany.
- The German government is planning to build 400,000 new apartments a year, of which 100 thousand apartments are to be publicly subsidized, in addition to the goal of being climate-neutral by 2045.
- Furthermore, the increasing water treatment activities, primarily in the northern region of Germany, are boosting the demand for expanding water treatment facilities, driving the demand for geopolymers.
- Environmental protection and human health are considered extremely important in Germany. This importance led to efficient water and wastewater treatment methods. Nearly 100% of the wastewater in Germany is treated to meet the highest standards set by the European Union.
- Germany contains more than 5 billion cubic m of sewage water generated annually by private households, industry, and trade. Approximately 3 billion cubic m of rainwater from paved surfaces and roads are discharged into sewage treatment plants, with a considerable additional amount of infiltration water entering the sewer system through leaks.
- Further, it includes the largest market for industrial wastewater treatment in Europe, with almost 3,000 treatment plants in around 12,000 discharging companies. More than 920 million cubic m of industrial wastewater is treated annually in the country

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before being discharged to the outside environment. Hence, the country's wide water treatment infrastructure is expected to support the demand for geopolymers market over the forecast period.

- Thus, all the factors above will likely increase the demand for geopolymers in the forecasted period.

## Europe Geopolymer Industry Overview

The Europe Geopolymer Market is fragmented in nature. The major players (not in any particular order) include CEMEX, SAB de CV, Critica Infrastructure, MITSUI & CO., LTD., PCI Augsburg GmbH, and SLB (Schlumberger Limited).

Additional Benefits:

- The market estimate (ME) sheet in Excel format
- 3 months of analyst support

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