

Soil Stabilization Market: Segmented By Application (Industrial, Non-agricultural, and Agricultural); By Method (Mechanical and Chemical) and Region – Global Analysis of Market Size, Share & Trends for 2019–2020 and Forecasts to 2030

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Abstracts

[174+ Pages Research Report] Global Soil Stabilization Market to surpass USD 36.13 billion by 2030 from USD 24.85 billion in 2020 at a CAGR of 5.02 % in the coming years, i.e., 2021-30.

Product Overview

Soil stabilization is a chemical, biological, physical, or combination process used to modify the soil nature as needed. This process increases the shear strength and physical properties of the soil. Soil stabilization is used for the building of airports, roads, projects for site growth, etc. It also improves rigidity and the ability to bear. The methods used for soil stabilization are commonly chemical and mechanical. For mechanical processes, combining, compacting or substitute methods are employed. Chemical stability uses compounds of chloride, fly ash, asphalt, or chemical blends.

Market Highlights

Global Soil Stabilization market is expected to project a notable CAGR of 5.02 % in 2030.

The growth of the global demand for soil stabilization is being driven by increased building activities and infrastructure activities worldwide due to rapid urbanization. Many governments world widely invest in infrastructure activities, which is further anticipated to fuel the growth of the global Soil stabilization market, to construct road networks, barriers, Ferrovial, and many other institutions such as hospitals and schools. The physical characteristics of soil, such as the soil texture and soil structure in agriculture

play an important role, as they influence the soil's ability to maintain water and nutrients. Soil stabilization aids in the modification of these properties as required.

Global Soil Stabilization Market: Segments

Mechanical segment to grow with the highest CAGR during 2020-30

Global Soil Stabilization market is segmented by method into Mechanical and Chemical. A large part of the global market was dominated by the mechanical segment. The mechanical method includes multiple ground stabilization machines for improving soil intensity, such as compactors, rollers, and pavers. The mechanical method helps to combine the ground, which can be used in subgrades and base construction, correctly and regularly.

Industrial segment to grow with the highest CAGR during 2020-30

Global Soil Stabilization is divided by application into Industrial, Non-agricultural, and Agricultural. This pattern is anticipated to remain over the forecast period and the industry has dominated the world marketplace. The increased technological developments in machinery and additives allow players in the industry to expand and take advantage of current opportunities. The industrial applications for soil stability are found in highways, airfields, railroads, reservoirs, bank defense, canals, dams, and coastal engineering. Innovation is anticipated to drive the demand for soil stabilization materials in the coming years with the growth of infrastructure throughout the world.

Market Dynamics

Drivers

Growing development activities

Soil stabilization is the soil modification to improve its physical properties. Soil Stabilization can enhance the shear strength of the soil or regulate the shrinking swelling of the soil and thus improve the load-bearing ability of the soil to support floors and foundations. On roads, parking lots, building sites, airports, and many other circumstances where sub-grounds are not appropriate for construction, soil stabilization may be used. A variety of subgrade materials, from vast clay to granular materials, can be processed by stabilization. A wide range of additives including lime, fly-ash, and Portland cement are used for this process.

Development of roads and highways

With a growing number of road accidents, public authorities worldwide concentrate on maintaining high-quality highways. Therefore, progress in infrastructure and rising public incentives are driving the building of new roads to drive the consumption of materials for soil stabilization in the forecast era. In addition, rising sports like the Tour de France and

the Moto GP races are expected to have a positive effect on the demand for materials for soil stabilization. In view of the above factors, it is expected that the global market in soil stabilization will rise at a significant rate of approximately 6 percent during the forecast period.

Restraint

Impact of COVID-19

COVID-19 would undoubtedly have a devastating economic effect. It has had an influence on every industry. It has a dynamic and varied effect on agriculture across the various segments that make up the agricultural value chain. Its effect differs greatly among the various segments, as well as between different regions and between producers and agricultural wage laborers. Agriculture's current challenges are mainly related to, labor supply and the failure to enter markets for products due to transportation and business activity issues.

Global Soil Stabilization Market: Key Players

Altacrete (Canada)

Company Overview, Business Strategy, Key Product Offerings, Financial Performance, Key Performance Indicators, Risk Analysis, Recent Development, Regional Presence, SWOT Analysis

Caterpillar (US)

AB VOLVO (Sweden)

FAYAT (France)

WIRTGEN GROUP (Germany)

CARMEUSE (US)

Global Road Technology (Australia)

Soilworks (US)

Graymont (Canada)

SNF Holding (US)

Aggrebind (US)

IRRIDAN USA (US)

Other Prominent Players

Global Soil Stabilization Market: Regions

Global Soil Stabilization market is segmented based on regional analysis into five major regions. These include North America, Latin America, Europe, Asia Pacific and the Middle East, and Africa. Global Soil Stabilization in Asia Pacific held the largest market share of XX.X% in the year 2020. In 2020 as a result of a growing understanding of land

management activities, Asia Pacific is expected to account for the higher value share in the global market for soil stabilization. The use of soil stabilization has increased with rapid urbanization and thus helped to raise awareness of improved quality and properties of soil stabilization agents. Further factor that contributes to the growth of this market in Asia-Pacific are the investments made by manufacturers to buy soil stabilization machines. North America, with strict chemicals used in agriculture, is anticipated to be the second-largest market, followed by Europe. In addition, in recent years African, South American, and Middle East countries have witnessed rapid economic and industrial development. These factors will create a favorable demand for soil Stabilizations.

Global Soil Stabilization Market is further segmented by region into:

North America Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – United States and Canada

Latin America Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – Mexico, Argentina, Brazil, and Rest of Latin America

Europe Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – United Kingdom, France, Germany, Italy, Spain, Belgium, Hungary, Luxembourg, Netherlands, Poland, NORDIC, Russia, Turkey, and Rest of Europe

Asia Pacific Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – India, China, South Korea, Japan, Malaysia, Indonesia, New Zealand, Australia, and Rest of APAC

Middle East and Africa Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – North Africa, Israel, GCC, South Africa, and Rest of MENA

Global Soil Stabilization Market report also contains analysis on:

Soil Stabilization Market Segments:

By Application

Industrial

Non-agricultural

Agricultural

By Method

Mechanical

Chemical

Soil Stabilization Market Dynamics

Soil Stabilization Market Size

Supply & Demand

Current Trends/Issues/Challenges

Competition & Companies Involved in the Market

Value Chain of the Market

Market Drivers and Restraints

Soil Stabilization Market Report Scope and Segmentation

Frequently Asked Questions

How big is the Soil Stabilization market?

What is the Soil Stabilization market growth?

Which segment accounted for the largest Soil Stabilization market share?

Who are the key players in the Soil Stabilization market?

What are the factors driving the Soil Stabilization market?

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Consultant Recommendation

**The above-given segmentations and companies could be subjected to further modification based on in-depth feasibility studies conducted for the final deliverable.

I would like to order

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