

Civil Engineering Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

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Abstracts

Market Overview:

The global civil engineering market size reached US\$ 8.9 Trillion in 2022. Looking forward, IMARC Group expects the market to reach US\$ 12.5 Trillion by 2028, exhibiting a growth rate (CAGR) of 5.4% during 2023-2028.

Civil engineering refers to the professional practice of planning, designing, building, and maintaining different structures. It is employed in the aerospace industry for designing jetliners, airports, and space stations. It also finds application in the automotive industry for perfecting the load-carrying capacity of a chassis and improving the crashworthiness of bumpers and doors. Nowadays, there is a considerable rise in the need for civil engineers to set up schools, hospitals, private offices, waterways, harbors, seaports, residential structures, and power supply, drinking water, and energy systems across the globe.

Civil Engineering Market Trends:

With inflating disposable incomes, rapid urbanization and escalating global population, there is a significant rise in the demand for luxury residential properties. This represents one of the vital factors bolstering the civil engineering market growth. Moreover, governments of numerous countries are undertaking projects to develop smart cities and improve existing infrastructure, which is positively influencing the market. Apart from this, several civil engineering companies are adopting connected construction and modularization strategies through innovative technologies to boost operational efficiency and improve productivity. Furthermore, the leading players are entering into public-

private partnerships (PPP) to target different business models and accelerate the shift toward digital transformation in construction activities. They are also incorporating advanced materials, such as durable, high-strength concrete, geosynthetics, geotextiles, fire-resistant timbers, and self-healing items. This is anticipated to increase the application of civil engineering in the oil and gas, chemical, power and utility industries around the world.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global civil engineering market report, along with forecasts at the global, regional and country level from 2023-2028. Our report has categorized the market based on service type, application and end user.

Breakup by Service Type:

- Planning and Design
- Construction
- Maintenance
- Others

Breakup by Application:

- Real Estate
- Infrastructure
- Industrial

Breakup by End User:

- Government
- Private
- Others

Breakup by Region:

- North America
 - United States
 - Canada
- Asia-Pacific

China
Japan
India
South Korea
Australia
Indonesia
Others
Europe
Germany
France
United Kingdom
Italy
Spain
Russia
Others
Latin America
Brazil
Mexico
Others
Middle East and Africa

Competitive Landscape:

The competitive landscape of the industry has also been examined along with the profiles of the key players being ACS Actividades de Construcción y Servicios S.A., AECOM, Fluor Corporation, Hyundai Engineering and Construction Co. Ltd. (Hyundai Motor Company), Jacobs Engineering Group Inc., Laing O'Rourke, Power Construction Corporation of China Ltd., Royal BAM Group nv, Saipem S.p.A. (Eni S.p.A.), Strabag SE (Basalt-Actien-Gesellschaft), Tetra Tech Inc. and Vinci SA.

Key Questions Answered in This Report

1. What was the size of the global civil engineering market in 2022?
2. What is the expected growth rate of the global civil engineering market during 2023-2028?
3. What are the key factors driving the global civil engineering market?
4. What has been the impact of COVID-19 on the global civil engineering market?
5. What is the breakup of the global civil engineering market based on the service type?
6. What is the breakup of the global civil engineering market based on the application?
7. What is the breakup of the global civil engineering market based on end user?

8. What are the key regions in the global civil engineering market?
9. Who are the key players/companies in the global civil engineering market?

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