

Global 3D Printing Construction Market Size study, By Construction Method (Extrusion, Powder Bonding), By Material Type (Concrete, Metal, Composite, Others), By End-User Sector (Building, Infrastructure), and Regional Forecasts 2022-2028

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Abstracts

Global 3D Printing Construction Market is valued approximately USD XX million in 2021 and is anticipated to grow with a healthy growth rate of more than XX% over the forecast period 2022-2028.

3D printing construction is a technique in which the construction of buildings is performed with the help of 3D printers and offer associated services. 3D printing is extensively used in the construction of the building and other infrastructures. The growing adoption of 3D printing in the construction sector, increasing number of green construction projects, rising government initiatives, coupled with the increasing investment in R&D activities are the primary factors that are fostering the market demand across the globe. For instance, as per the World Green Building Trends Survey 2018, approximately 47% of the surveyed businesses are more inclined to build more than 60% of their projects by adopting green technology by 2021. Thereby, the rising number of green building projects and growing awareness regarding the availability of 3D printing construction is anticipated to accelerate the market growth in the near future. However, the high capital investment required and the limited size of the printers impede the growth of the market over the forecast period of 2022-2028. Also, increasing new construction projects and exponential rise in urbanization are anticipated to act as a catalyzing factor for the market demand during the forecast period.

The key regions considered for the global 3D Printing Construction market study include Asia Pacific, North America, Europe, Latin America, and the Rest of the World. Asia-

Pacific is the leading region across the world in terms of market share owing to increasing demand for 3D printing construction in the building, and infrastructure end-use sectors, along with the emergence of novel technologies. Whereas, Asia-Pacific is also anticipated to exhibit the highest CAGR over the forecast period 2022-2028. Factors such as the rising investments in R&D activities, as well as the development of emerging nations such as India and China would create lucrative growth prospects for the 3D Printing Construction market across the Asia-Pacific region.

Major market players included in this report are:

Yingchuang Building Technique (Shanghai) Co., Ltd.

XtreeE

Apis Cor

Monolite UK Ltd.

CSP Group s.r.l.

CyBe Construction B.V.

Sika AG

MX3D

Contour Crafting Corporation

ICON Plc

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming eight years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within each of the regions and countries involved in the study. Furthermore, the report also caters the detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, the report shall also incorporate available opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Construction Method

Extrusion

Powder Bonding

By Material Type

Concrete

Metal

Composite

Others

By End-User Sector

Building

Infrastructure

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Latin America

Brazil

Mexico

Rest of the World

Furthermore, years considered for the study are as follows:

Historical year – 2018, 2019, 2020

Base year – 2021

Forecast period – 2022 to 2028

Target Audience of the Global 3D Printing Construction Market in Market Study:

Key Consulting Companies & Advisors

Large, medium-sized, and small enterprises

Venture capitalists

Value-Added Resellers (VARs)

Third-party knowledge providers

Investment bankers

Investors

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