

Global Building Information Modelling (BIM) Market Size study, by Type (Software, Services), by Application (Buildings, Industrial, Civil Infrastructure, Oil & Gas, Others), by End-User (Architecture/Engineer, Contractor, Others) and Regional Forecasts 2022-2029

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Abstracts

Global Building Information Modelling (BIM) Market is valued approximately at USD 6.90 billion in 2021 and is anticipated to grow with a healthy growth rate of more than 15.2 % over the forecast period 2022-2029. Building Information Modelling (BIM) is the process maintained by several tools and technologies including the generation and management of digital representations of physical and functional features of places. The building information models (BIMs) are the files which can be obtained, replaced or networked to assist decision-making involving a building or other built asset. BIM is used in the construction sector for the purpose of designing and managing projects during their life cycle. Rapidly increasing number of construction projects followed by rising urbanization worldwide are the major factors responsible for high CAGR of the market over the forecast period.

For instance, as per India Brand Equity Foundation (IBEF) estimates – Indian Government announced plan to spend USD 1.4 trillion on infrastructure during 2019-23 to promote sustainable construction in the country. Moreover, increasing government mandates for BIM adoption is also a key factor boosting the adoption of BIM around the world. For instance, in December 2019 Government of India through its think tank NITI Aayog announced a plan to adopt the latest building information and modelling (BIM) technology to fast-track construction work. Further, the government is planning to optimize cost of housing construction by implementing BIM. Hence, governmental

bodies mandating the adoption of BIM, also encourage the demand for BIM among the end-users. Also, growing use of AR/VR and adoption of green building infrastructure would create lucrative growth opportunities for the market during the forecast period. However, high cost of BIM solutions is the major factor anticipated to hamper the growth of global Building Information Modelling (BIM) market during the forecast period 2022-2029.

The regional analysis of global Building Information Modelling (BIM) market is considered for the key regions such as Asia Pacific, North America, Europe, Latin America and Rest of the World. North America is the leading region in terms of revenue and market share owing to favorable regulations enforced by the government for the adoption of BIM coupled with increased adoption of cloud-based engineering software in the region. However, Asia-Pacific is expected to exhibit a high growth rate over the forecast period of 2022-2029 owing to growing number of construction projects in the region.

Major market players included in this report are:

Autodesk
Nemetschek
Bentley Systems
Trimble
Dassault Systèmes
RIB Software
Asite
Hexagon
Archidata
Aveva

Recent Developments in the Market:

In December 2021, Capgemini and Autodesk, Inc., entered into a collaboration framework agreement, to deliver end-to-end Building Information Modeling (BIM) platforms and transformation programs.

Global Building Information Modelling Market Report Scope:

Historical Data 2019-2020-2021

Base Year for Estimation 2021

Forecast period 2022-2029

Report Coverage Revenue forecast, Company Ranking, Competitive Landscape,

Growth factors, and Trends

Segments Covered Type, Application, End-User, Region

Regional Scope North America; Europe; Asia Pacific; Latin America; Rest of the World

Customization Scope Free report customization (equivalent up to 8 analyst's working hours) with purchase. Addition or alteration to country, regional & segment scope*

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 Type:

Software

Services

By Application:

Buildings

Industrial

Civil Infrastructure

Oil & Gas

Others

By End-User:

Architecture/Engineer

Contractor

Others

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
RoLA
Rest of the World

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