

Green Technology and Sustainability Market: Segmented By Technology (Internet of Things (IoT), Cloud Computing, Artificial Intelligence & Analytics, and Others): By Application (Green Building, Carbon Footprint Management, Weather Monitoring & Forecasting, Air & Water Pollution Monitoring, and Others): Global Analysis by Market size, share & trends for 2020-2021 and forecasts to 2031

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Abstracts

[173+ Pages Research Report] Green Technology and Sustainability Market to surpass USD 65.62 billion by 2031 from USD 12.26 billion in 2021 at a CAGR of 18.26% within the coming years, i.e., 2021-31.

Product overview

Data visualization can be defined as a collection of a wide range of business applications. The idea of visualizing data is broadly applied in a variation of technologies & terms like scorecards, dashboards, infographics, business intelligence, analytics, and big data. It benefits businesses to gain a related report from an ever-growing, varied and huge amount of business data.

Market Highlights

Green Technology and Sustainability Market is predicted to project a notable CAGR of 18.26% in 2031

The growth in consumer and industrial awareness for the use of clean power and energy resources to preserve environment and growing use of RFID radars across

industries are roosting the approval of green technology and sustainability solutions and services globally.

Green Technology and Sustainability Market: Segments

Green Building segment to grow with the highest CAGR during 2021-2031

Based on Application, the market is segmented into By Application into Green Building, Carbon Footprint Management, Weather Monitoring & Forecasting, Air & Water Pollution Monitoring, and Others. Green Building segment holds the highest market share of Green Technology and Sustainability Market. The exercise balances the classical building design with features of economy, utility, durability, and comfort. The main deliberations include energy and water efficiency, resource efficiency, indoor environmental value, and the building's overall influence on the environment.

Cloud Segment to grow with the highest CAGR during 2021-2031

Based on technology, the market is segmented into Internet of Things (IoT), Cloud Computing, Artificial Intelligence & Analytics, and Others. Internet of Things (IoT) segment is predictable to grow at the highest CAGR during the forecast period. The main factor that drives the growth of IoT technology segment is arrival of green systems in IoT connections, which has donated to control pollution & emission, decrease misuse of environmental conservation & scrutiny, and lessen operational costs & power consumption.

Green Technology and Sustainability Market: Market Dynamics Drivers

Growth in the use of RFID sensors

IoT has been used to label many technologies and research disciplines. Enabling technologies, such as RFID, sensor networks, biometrics, and nanotechnologies, are now becoming common and bringing IoT forward to report various applications. Smart devices and Sensors, which are interacting through high-speed data, are able to make certain functions separately, calling for new procedures of green interaction between various smart devices, where power consumption is enhanced, and bandwidth utilization is maximized.

Modernization of IT and telecom infrastructure

Technology enterprises are looking for customs to decrease the energy consumption of their products. Businesses are concentrating on building energy-efficient goods, power supplies, and integrated circuits to be energy-efficient, and making co-operative solutions to help clients lessen their carbon emissions. Environment-friendly enterprises practices lessen business risks, enhance reputation, and create huge market opportunities in the green technology and sustainability market.

Restraints

High product cost

The initial investment cost of building and installing solar and wind farms is high. Like many renewables, solar and wind fields are remarkably cheap to function as their fuel is free and conservation is minimum; hence, most of the expenditure is spent on building technology-based products. Carbon footprint management, Air quality monitoring, and air and water pollution monitoring are a few uses where the application of cutting-edge technologies requires high maintenance costs.

Impact of the COVID-19 on the Green Technology and Sustainability Market

The outbreak of COVID-19 has brought effects on many features, like aircraft terminations; travel bans and quarantines; restaurants, cafes closed; all outdoor events restricted; over forty countries state of emergency declared, and doubt about future. The drop-in emissions of carbon due to COVID-19 is a short-term gain, but resume of industries and businesses looking to receive some of their financial losses through the start of the year, it will essentially lead to a much higher level of carbon emissions. COVID-19 has also affected many company's profits and when lockdown ends organizations will start concentrating on operations to improve their losses; this might lead to shifting their emphasis from green technologies for their commerce to avoid additional charges.

Green Technology and Sustainability Market: Key Players

General Electric Company

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

Enablon

Salesforce.com, Inc.

Microsoft Corporation

Schneider Electric

Engie Impact

Sensus

Enviance

Intelex Technologies Inc.

CropX Inc.

Other prominent players

Green Technology and Sustainability Market: Regions

Green Technology and Sustainability 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. North America is estimated to contribute the largest share of the Green Technology and Sustainability Market during the forecast period owing to the overall preference and enthusiasm shown by the general population in the region towards adopting Green Technology. Moreover, large number of players functioning in this region also influence to drive growth of the market in North America. Asia Pacific also holds a major share of the global market. The market in the region is also projected to register the highest CAGR during the forecast period.

Green Technology and Sustainability 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

Green Technology and Sustainability Market report also contains analysis on:

Green Technology and Sustainability Market Segments:

By Technology

Internet of Things (IoT)

Cloud Computing

Artificial Intelligence & Analytics

Others

By Application

Green Building

Carbon Footprint Management

Weather Monitoring & Forecasting

Air & Water Pollution Monitoring

Others

Green Technology and Sustainability Market Dynamics

Green Technology and Sustainability Market Size

Supply & Demand

Current Trends/Issues/Challenges

Competition & Companies Involved in the Market

Value chain of the Market

Market Drivers and Restraints

Green Technology and Sustainability Market Report Scope and Segmentation

Report Attribute Details

Market size value in 2021 USD 12.26 billion

Revenue forecast in 2031 USD 18.26% billion

Growth Rate CAGR of 18.26% from 2021 to 2031

Base year for estimation 2021

Quantitative units Revenue in USD billion and CAGR from 2021 to 2031

Report coverage Revenue forecast, company ranking, competitive landscape, growth factors, and trends

Segments covered Technology, Application, and region

Region scope North America; Europe; Asia Pacific; Latin America; Middle East & Africa (MEA)

Key companies profiled

Enablon, Salesforce.com, Inc., Microsoft Corporation, Schneider Electric, Engie Impact, Sensus, Enviance, Intelx Technologies Inc., CropX Inc., and Others

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

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