

Carbon Accounting Software Market Report by Deployment (Cloud-based, On-premises), Industry (Energy and Utilities, IT and Telecom, Healthcare, Transportation and Logistics, Retail, Construction and Infrastructure, Food and Beverages, Chemicals, and Others), and Region 2024-2032

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Abstracts

The global carbon accounting software market size reached US\$ 15,607.0 Million in 2023. Looking forward, IMARC Group expects the market to reach US\$ 82,605.5 Million by 2032, exhibiting a growth rate (CAGR) of 19.73% during 2024-2032. Stringent environmental regulations imposed by governments of various nations, the increasing corporate focus on sustainability and social responsibility, the growing investor interest in sustainability, and the integration of artificial intelligence (AI) and machine learning (ML) technologies within carbon accounting software represent some of the key factors driving the market.

Carbon accounting software is a specialized software solution that allows companies to monitor and report their greenhouse gas (GHG) emissions accurately. It is designed to streamline the complex process of carbon accounting, making it easier for businesses to assess their environmental impact and take appropriate actions to reduce emissions. One of the key advantages of carbon accounting software is its ability to automate data collection and analysis. It provides tools and functionalities to gather data on energy consumption, transportation, waste management, and other relevant factors. This data is then processed and converted into carbon emissions metrics, such as carbon dioxide equivalents (CO₂e), providing companies with a clear picture of their environmental performance. Additionally, carbon accounting software enables companies to generate reports and track progress over time, facilitating compliance with regulatory

requirements and sustainability targets.

Carbon Accounting Software Market Trends:

The global carbon accounting software market is experiencing remarkable growth, driven by the stringent environmental regulations imposed by governments of various nations. This is further supported by the increasing corporate focus on sustainability and social responsibility. Besides this, the growing investor interest in sustainability and the integration of artificial intelligence (AI) and machine learning (ML) technologies within carbon accounting software are driving market growth. Moreover, the increasing focus on energy efficiency initiatives and the rising energy costs and sustainability goals are propelling the market growth. In line with this, global climate agreements, such as the Paris Agreement, and initiatives like the Science-Based Targets (SBT), are encouraging companies to adopt carbon accounting software to set emissions reduction targets and track progress, further creating a positive outlook for the market. Furthermore, the growing software utilization across various industries to assess and manage the carbon emissions of the supply chains and surging awareness regarding climate change and its potential impacts are providing an impetus to the market growth.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each segment of the global carbon accounting software market, along with forecasts at the global, regional, and country levels from 2024-2032. Our report has categorized the market based on deployment and industry.

Deployment Insights:

Cloud-based
On-premises

A detailed breakup and analysis of the carbon accounting software market based on the deployment has also been provided in the report. This includes cloud-based and on-premises.

Industry Insights:

Energy and Utilities
IT and Telecom
Healthcare
Transportation and Logistics

Retail
Construction and Infrastructure
Food and Beverages
Chemicals
Others

A detailed breakup and analysis of the carbon accounting software market based on the industry has also been provided in the report. This includes energy and utilities, IT and telecom, healthcare, transportation and logistics, retail, construction and infrastructure, food and beverages, chemicals, and others. According to the report, energy and utilities accounted for the largest market share.

Regional Insights:

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

The report has also provided a comprehensive analysis of all the major regional

markets, which include North America (the United States and Canada); Asia Pacific (China, Japan, India, South Korea, Australia, Indonesia, and others); Europe (Germany, France, the United Kingdom, Italy, Spain, Russia, and others); Latin America (Brazil, Mexico, and others); and the Middle East and Africa.

Competitive Landscape:

The report has also provided a comprehensive analysis of the competitive landscape in the global carbon accounting software market. Detailed profiles of all major companies have been provided. Some of the companies covered include BraveGen (Energy Solution Providers Limited), Carbon Analytics Limited, CarbonetiX, Carbonstop, Emitwise, Evalue8 Sustainability, Intalex Technologies Inc. (Industrial Scientific Corporation), Net0, Normative, SAP SE, Simble Solutions Ltd., Sphera Solutions In, etc. Kindly note that this only represents a partial list of companies, and the complete list has been provided in the report.

Key Questions Answered in This Report:

How has the global carbon accounting software market performed so far, and how will it perform in the coming years?

What are the drivers, restraints, and opportunities in the global carbon accounting software market?

What is the impact of each driver, restraint, and opportunity on the global carbon accounting software market?

What are the key regional markets?

Which countries represent the most attractive carbon accounting software market?

What is the breakup of the market based on the deployment?

Which is the most attractive deployment in the carbon accounting software market?

What is the breakup of the market based on the industry?

Which is the most attractive industry in the carbon accounting software market?

What is the competitive structure of the global carbon accounting software market?

Who are the key players/companies in the global carbon accounting software market?

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