

Global Carbon Management Software Market Size study & Forecast, by Software (Counts only direct CO2 from fuel, Count direct CO2 and indirect CO2) by Basis of Service(Consulting, Implementation, Outsourcing, Training and software support, Maintenance), by Application(Air Quality Management, Energy, Greenhouse Gas Management, Sustainability and Others), and Regional Analysis, 2022-2029

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Abstracts

Global Carbon Management Software Market is valued approximately USD XX billion in 2021 and is anticipated to grow with a healthy growth rate of more than XX% over the forecast period 2022-2029. The purposes of carbon management software systems include monitoring, planning, inventorying, benchmarking, and managing carbon emission levels. This technological software are intended to support companies and organizations in achieving their emission goals. This software enhance the operational competitiveness and efficiency. Software for managing carbon emissions can also help to lower the risks that business has in relation to climate change. With carbon software solutions, enterprises and organizations are also more capable of safeguarding regulatory compliance. The Carbon Management Software market is expanding because of factors such as growing number of government policies and regulations to limit carbon emission and growing demand for energy consumption by industries.

To maintain their sustainable goals, governments around the world are promoting the reduction of carbon emissions by implementing a variety of measures, including national climate change plans, national sustainable development strategies, and national green growth strategies. The global market for carbon management software is driven by

countries' pursuit of environmental sustainability plans as a means of reducing carbon emissions. For instance, being the second-largest economy in the world, the Chinese government aims for environmental sustainability through several laws and programmes. On September 22, 2020, Chinese President Xi Jinping said that during the General Debate of the United Nations General Assembly's 75th session, China would increase its Intended Nationally Determined Contributions by executing more strong policies and initiatives. With the peak of CO₂ emissions occurring in 2030, it also aspires to become carbon neutral by 2060. Along with these, in July 2021, The German government set new goals to reduce carbon emissions and achieve greenhouse gas neutrality by 2045. By 2030, compared to 1990, the nation intends to reduce its carbon emissions by 65%, and by 2040, by 88%. In addition, rising cloud integration and rising number of technological advancements is creating lucrative growth to the market. However, high cost may halt market growth.

The key regions considered for the Global Carbon Management Software Market study includes Asia Pacific, North America, Europe, Latin America, and Rest of the World. North America dominated the market in terms of revenue, owing to presence of key market players, rising technological advancement and government support in the region. Whereas Asia Pacific is expected to grow with a highest CAGR during the forecast period, owing to factors such as rising government plans to limit carbon emission, rising consumption of energy by end use industries, and rising projects for sustainable development in the region.

Major market player included in this report are:

Accenture
Carbonetworks Corporation
Enviance
Foresite Systems
Greenstone Carbon Management
International Business Machines Corporation
SAP SE
Symantec Corporation
Advantage IQ Inc
Sphera Solutions Inc.

Recent Developments in the Market:

In January 2022, IBM announced the acquisition of Envizi, a provider of environmental performance management data and analytics software that aided businesses in developing more resilient and sustainable operations and supply chains. That would

make it easier to track and report on its progress in reducing GHG emissions and acquiring renewable electricity.

In August 2021, Diligent Corporation announced the acquisition of Accuvio, a provider of software for ESG data collection and reporting. Organizations would be able to produce, declare, and track important metrics in line with GHG emissions and regulations, including important regulatory frameworks across the entire value chain, with the use of Diligent.

Global Carbon Management Software 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 Software, Basis of Service, Application, 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 years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, it also incorporates potential opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and Software offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Software:

Counts only direct CO₂ from fuel

Count direct CO₂ and indirect CO₂

By Basis of Service:

Consulting

Implementation

Outsourcing

Training and software support

Maintenance

By Application:

Air Quality Management

Energy

Greenhouse Gas Management

Sustainability

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

Contents

CHAPTER 1. EXECUTIVE SUMMARY

- 1.1. Market Snapshot
- 1.2. Global & Segmental Market Estimates & Forecasts, 2019-2029 (USD Billion)
 - 1.2.1. Carbon Management Software Market, by Region, 2019-2029 (USD Billion)
 - 1.2.2. Carbon Management Software Market, by Software , 2019-2029 (USD Billion)
 - 1.2.3. Carbon Management Software Market, by Basis of Service, 2019-2029 (USD Billion)
 - 1.2.4. Carbon Management Software Market, by Application, 2019-2029 (USD Billion)
- 1.3. Key Trends
- 1.4. Estimation Methodology
- 1.5. Research Assumption

CHAPTER 2. GLOBAL CARBON MANAGEMENT SOFTWARE MARKET DEFINITION AND SCOPE

- 2.1. Objective of the Study
- 2.2. Market Definition & Scope
 - 2.2.1. Scope of the Study
 - 2.2.2. Industry Evolution
- 2.3. Years Considered for the Study
- 2.4. Currency Conversion Rates

CHAPTER 3. GLOBAL CARBON MANAGEMENT SOFTWARE MARKET DYNAMICS

- 3.1. Carbon Management Software Market Impact Analysis (2019-2029)
 - 3.1.1. Market Drivers
 - 3.1.1.1. A growing number of government policies and regulations to limit carbon emission
 - 3.1.1.2. Growing demand for energy consumption by industries
 - 3.1.2. Market Challenges
 - 3.1.2.1. High Cost of Carbon Management Software
 - 3.1.3. Market Opportunities
 - 3.1.3.1. Rising cloud integration
 - 3.1.3.2. Rising number of technological advancements

CHAPTER 4. GLOBAL CARBON MANAGEMENT SOFTWARE MARKET INDUSTRY

ANALYSIS

- 4.1. Porter's 5 Force Model
 - 4.1.1. Bargaining Power of Suppliers
 - 4.1.2. Bargaining Power of Buyers
 - 4.1.3. Threat of New Entrants
 - 4.1.4. Threat of Substitutes
 - 4.1.5. Competitive Rivalry
- 4.2. Futuristic Approach to Porter's 5 Force Model (2019-2029)
- 4.3. PEST Analysis
 - 4.3.1. Political
 - 4.3.2. Economical
 - 4.3.3. Social
 - 4.3.4. Technological
- 4.4. Top investment opportunity
- 4.5. Top winning strategies
- 4.6. Industry Experts Prospective
- 4.7. Analyst Recommendation & Conclusion

CHAPTER 5. RISK ASSESSMENT: COVID-19 IMPACT

- 5.1. Assessment of the overall impact of COVID-19 on the industry
- 5.2. Pre COVID-19 and post COVID-19 Market scenario

CHAPTER 6. GLOBAL CARBON MANAGEMENT SOFTWARE MARKET, BY SOFTWARE

- 6.1. Market Snapshot
- 6.2. Global Carbon Management Software Market by Software , Performance - Potential Analysis
- 6.3. Global Carbon Management Software Market Estimates & Forecasts by Software 2019-2029 (USD Billion)
- 6.4. Carbon Management Software Market, Sub Segment Analysis
 - 6.4.1. Counts only direct CO2 from fuel
 - 6.4.2. Count direct CO2 and indirect CO2

CHAPTER 7. GLOBAL CARBON MANAGEMENT SOFTWARE MARKET, BY BASIS OF SERVICE

- 7.1. Market Snapshot
- 7.2. Global Carbon Management Software Market by Basis of Service, Performance - Potential Analysis
- 7.3. Global Carbon Management Software Market Estimates & Forecasts by Basis of Service 2019-2029 (USD Billion)
- 7.4. Carbon Management Software Market, Sub Segment Analysis
 - 7.4.1. Consulting
 - 7.4.2. Implementation
 - 7.4.3. Outsourcing
 - 7.4.4. Training and software support
 - 7.4.5. Maintenance

CHAPTER 8. GLOBAL CARBON MANAGEMENT SOFTWARE MARKET, BY APPLICATION

- 8.1. Market Snapshot
- 8.2. Global Carbon Management Software Market by Application, Performance - Potential Analysis
- 8.3. Global Carbon Management Software Market Estimates & Forecasts by Application 2019-2029 (USD Billion)
- 8.4. Carbon Management Software Market, Sub Segment Analysis
 - 8.4.1. Air Quality Management
 - 8.4.2. Energy
 - 8.4.3. Greenhouse Gas Management
 - 8.4.4. Sustainability
 - 8.4.5. Others

CHAPTER 9. GLOBAL CARBON MANAGEMENT SOFTWARE MARKET, REGIONAL ANALYSIS

- 9.1. Carbon Management Software Market, Regional Market Snapshot
- 9.2. North America Carbon Management Software Market
 - 9.2.1. U.S. Carbon Management Software Market
 - 9.2.1.1. Software breakdown estimates & forecasts, 2019-2029
 - 9.2.1.2. Basis of Service breakdown estimates & forecasts, 2019-2029
 - 9.2.1.3. Application breakdown estimates & forecasts, 2019-2029
 - 9.2.2. Canada Carbon Management Software Market
- 9.3. Europe Carbon Management Software Market Snapshot
 - 9.3.1. U.K. Carbon Management Software Market

- 9.3.2. Germany Carbon Management Software Market
- 9.3.3. France Carbon Management Software Market
- 9.3.4. Spain Carbon Management Software Market
- 9.3.5. Italy Carbon Management Software Market
- 9.3.6. Rest of Europe Carbon Management Software Market
- 9.4. Asia-Pacific Carbon Management Software Market Snapshot
 - 9.4.1. China Carbon Management Software Market
 - 9.4.2. India Carbon Management Software Market
 - 9.4.3. Japan Carbon Management Software Market
 - 9.4.4. Australia Carbon Management Software Market
 - 9.4.5. South Korea Carbon Management Software Market
 - 9.4.6. Rest of Asia Pacific Carbon Management Software Market
- 9.5. Latin America Carbon Management Software Market Snapshot
 - 9.5.1. Brazil Carbon Management Software Market
 - 9.5.2. Mexico Carbon Management Software Market
 - 9.5.3. Rest of Latin America Carbon Management Software Market
- 9.6. Rest of The World Carbon Management Software Market

CHAPTER 10. COMPETITIVE INTELLIGENCE

- 10.1. Top Market Strategies
- 10.2. Company Profiles
 - 10.2.1. Accenture
 - 10.2.1.1. Key Information
 - 10.2.1.2. Overview
 - 10.2.1.3. Financial (Subject to Data Availability)
 - 10.2.1.4. Product Summary
 - 10.2.1.5. Recent Developments
 - 10.2.2. Carbonetworks Corporation
 - 10.2.3. Enviance
 - 10.2.4. Foresite Systems
 - 10.2.5. Greenstone Carbon Management
 - 10.2.6. International Business Machines Corporation
 - 10.2.7. SAP SE
 - 10.2.8. Symantec Corporation
 - 10.2.9. Advantage IQ Inc
 - 10.2.10. Sphera Solutions Inc.

CHAPTER 11. RESEARCH PROCESS

11.1. Research Process

11.1.1. Data Mining

11.1.2. Analysis

11.1.3. Market Estimation

11.1.4. Validation

11.1.5. Publishing

11.2. Research Attributes

11.3. Research Assumption

List Of Tables

LIST OF TABLES

TABLE 1. Global Carbon Management Software Market, report scope

TABLE 2. Global Carbon Management Software Market estimates & forecasts by Region 2019-2029 (USD Billion)

TABLE 3. Global Carbon Management Software Market estimates & forecasts by Software 2019-2029 (USD Billion)

TABLE 4. Global Carbon Management Software Market estimates & forecasts by Basis of Service 2019-2029 (USD Billion)

TABLE 5. Global Carbon Management Software Market estimates & forecasts by Application 2019-2029 (USD Billion)

TABLE 6. Global Carbon Management Software Market by segment, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 7. Global Carbon Management Software Market by region, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 8. Global Carbon Management Software Market by segment, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 9. Global Carbon Management Software Market by region, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 10. Global Carbon Management Software Market by segment, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 11. Global Carbon Management Software Market by region, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 12. Global Carbon Management Software Market by segment, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 13. Global Carbon Management Software Market by region, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 14. Global Carbon Management Software Market by segment, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 15. Global Carbon Management Software Market by region, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 16. U.S. Carbon Management Software Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 17. U.S. Carbon Management Software Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 18. U.S. Carbon Management Software Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 19. Canada Carbon Management Software Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 20. Canada Carbon Management Software Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 21. Canada Carbon Management Software Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 22. UK Carbon Management Software Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 23. UK Carbon Management Software Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 24. UK Carbon Management Software Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 25. Germany Carbon Management Software Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 26. Germany Carbon Management Software Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 27. Germany Carbon Management Software Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 28. France Carbon Management Software Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 29. France Carbon Management Software Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 30. France Carbon Management Software Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 31. Italy Carbon Management Software Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 32. Italy Carbon Management Software Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 33. Italy Carbon Management Software Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 34. Spain Carbon Management Software Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 35. Spain Carbon Management Software Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 36. Spain Carbon Management Software Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 37. RoE Carbon Management Software Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 38. RoE Carbon Management Software Market estimates & forecasts by

segment 2019-2029 (USD Billion)

TABLE 39. RoE Carbon Management Software Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 40. China Carbon Management Software Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 41. China Carbon Management Software Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 42. China Carbon Management Software Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 43. India Carbon Management Software Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 44. India Carbon Management Software Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 45. India Carbon Management Software Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 46. Japan Carbon Management Software Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 47. Japan Carbon Management Software Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 48. Japan Carbon Management Software Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 49. South Korea Carbon Management Software Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 50. South Korea Carbon Management Software Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 51. South Korea Carbon Management Software Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 52. Australia Carbon Management Software Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 53. Australia Carbon Management Software Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 54. Australia Carbon Management Software Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 55. RoAPAC Carbon Management Software Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 56. RoAPAC Carbon Management Software Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 57. RoAPAC Carbon Management Software Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 58. Brazil Carbon Management Software Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 59. Brazil Carbon Management Software Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 60. Brazil Carbon Management Software Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 61. Mexico Carbon Management Software Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 62. Mexico Carbon Management Software Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 63. Mexico Carbon Management Software Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 64. RoLA Carbon Management Software Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 65. RoLA Carbon Management Software Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 66. RoLA Carbon Management Software Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 67. Row Carbon Management Software Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 68. Row Carbon Management Software Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 69. Row Carbon Management Software Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 70. List of secondary sources, used in the study of global Carbon Management Software Market

TABLE 71. List of primary sources, used in the study of global Carbon Management Software Market

TABLE 72. Years considered for the study

TABLE 73. Exchange rates considered

List of tables and figures and dummy in nature, final lists may vary in the final deliverable

List Of Figures

LIST OF FIGURES

- FIG 1. Global Carbon Management Software Market, research methodology
- FIG 2. Global Carbon Management Software Market, Market estimation techniques
- FIG 3. Global Market size estimates & forecast methods
- FIG 4. Global Carbon Management Software Market, key trends 2021
- FIG 5. Global Carbon Management Software Market, growth prospects 2022-2029
- FIG 6. Global Carbon Management Software Market, porters 5 force model
- FIG 7. Global Carbon Management Software Market, pest analysis
- FIG 8. Global Carbon Management Software Market, value chain analysis
- FIG 9. Global Carbon Management Software Market by segment, 2019 & 2029 (USD Billion)
- FIG 10. Global Carbon Management Software Market by segment, 2019 & 2029 (USD Billion)
- FIG 11. Global Carbon Management Software Market by segment, 2019 & 2029 (USD Billion)
- FIG 12. Global Carbon Management Software Market by segment, 2019 & 2029 (USD Billion)
- FIG 13. Global Carbon Management Software Market by segment, 2019 & 2029 (USD Billion)
- FIG 14. Global Carbon Management Software Market, regional snapshot 2019 & 2029
- FIG 15. North America Carbon Management Software Market 2019 & 2029 (USD Billion)
- FIG 16. Europe Carbon Management Software Market 2019 & 2029 (USD Billion)
- FIG 17. Asia pacific Carbon Management Software Market 2019 & 2029 (USD Billion)
- FIG 18. Latin America Carbon Management Software Market 2019 & 2029 (USD Billion)
- FIG 19. Global Carbon Management Software Market, company Market share analysis (2021)

List of tables and figures and dummy in nature, final lists may vary in the final deliverable

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