

Carbon Footprint Management Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2022-2027

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Abstracts

The global carbon footprint management market size reached US\$ 9.3 Billion in 2021. Looking forward, IMARC Group expects the market to reach US\$ 13.5 Billion by 2027, exhibiting a growth rate (CAGR) of 6.38% during 2022-2027. Keeping in mind the uncertainties of COVID-19, we are continuously tracking and evaluating the direct as well as the indirect influence of the pandemic on different end use industries. These insights are included in the report as a major market contributor.

Carbon footprint is the measure of carbon dioxide (CO₂) and greenhouse gas (GHG) emissions by various everyday and industrial activities including transportation, land clearance, construction of roads and buildings, fuel production, power generation, etc. Carbon footprint management refers to the solutions and services used to monitor and control an enterprise's carbon emissions. It involves minimizing energy and waste generation and raw material consumption for cost optimization and reduced environmental impact. Organizations formulate carbon management plans, which involve a documented strategy for energy and GHG reduction and improving air quality and sustainability of the enterprise.

The increasing environmental consciousness, along with rising emphasis on minimizing carbon footprints generated by commercial, industrial and residential complexes, represents one of the key factors driving the market growth. Moreover, the implementation of favorable government policies to promote sustainable development is also strengthening the market growth. Carbon footprint management solutions are widely used across various industries, such as manufacturing, oil and gas, automotive, construction and transportation to enhance operational efficiencies and reduce carbon emissions in the environment. Additionally, various technological advancements, such

as the integration of connected devices with the artificial intelligence (AI), Internet of Things (IoT) and big data solutions, are acting as other growth-inducing factors. Carbon footprint management solutions are deployed through the cloud and other advanced technologies for enhanced scalability, speed and minimal risks of data loss. Other factors, including rapid modernization of the existing infrastructure, along with the increasing construction of green buildings, are anticipated to drive the market further.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global carbon footprint management market report, along with forecasts at the global, regional and country level from 2022-2027. Our report has categorized the market based on offering, deployment mode and end use industry.

Breakup by Offering:

- Software
- Services

Breakup by Deployment Mode:

- Cloud-Based
- On-Premises

Breakup by End Use Industry:

- Oil and Gas
- Manufacturing
- Healthcare
- IT and Telecom
- Automotive
- Energy and Power
- Others

Breakup by Region:

- 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

Competitive Landscape:

The competitive landscape of the industry has also been examined along with the profiles of the key players being Accenture PLC, Dakota Software Corporation, Enablion SA (Wolters Kluwer N.V.), Engie SA, Enviance Inc. (Cority Software Inc.), International Business Machines Corporation, Johnson Controls PLC, ProcessMAP Corporation, SAP SE and Schneider Electric SE.

Key Questions Answered in This Report:

How has the global carbon footprint management market performed so far and how will it perform in the coming years?

What has been the impact of COVID-19 on the global carbon footprint management market?

What are the key regional markets?

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

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

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

What are the various stages in the value chain of the industry?

What are the key driving factors and challenges in the industry?

What is the structure of the global carbon footprint management market and who are the key players?

What is the degree of competition in the industry?

Contents

1 PREFACE

2 SCOPE AND METHODOLOGY

- 2.1 Objectives of the Study
- 2.2 Stakeholders
- 2.3 Data Sources
 - 2.3.1 Primary Sources
 - 2.3.2 Secondary Sources
- 2.4 Market Estimation
 - 2.4.1 Bottom-Up Approach
 - 2.4.2 Top-Down Approach
- 2.5 Forecasting Methodology

3 EXECUTIVE SUMMARY

4 INTRODUCTION

- 4.1 Overview
- 4.2 Key Industry Trends

5 GLOBAL CARBON FOOTPRINT MANAGEMENT MARKET

- 5.1 Market Overview
- 5.2 Market Performance
- 5.3 Impact of COVID-19
- 5.4 Market Forecast

6 MARKET BREAKUP BY OFFERING

- 6.1 Software
 - 6.1.1 Market Trends
 - 6.1.2 Market Forecast
- 6.2 Services
 - 6.2.1 Market Trends
 - 6.2.2 Market Forecast

7 MARKET BREAKUP BY DEPLOYMENT MODE

7.1 Cloud-Based

7.1.1 Market Trends

7.1.2 Market Forecast

7.2 On-Premises

7.2.1 Market Trends

7.2.2 Market Forecast

8 MARKET BREAKUP BY END USE INDUSTRY

8.1 Oil and Gas

8.1.1 Market Trends

8.1.2 Market Forecast

8.2 Manufacturing

8.2.1 Market Trends

8.2.2 Market Forecast

8.3 Healthcare

8.3.1 Market Trends

8.3.2 Market Forecast

8.4 IT and Telecom

8.4.1 Market Trends

8.4.2 Market Forecast

8.5 Automotive

8.5.1 Market Trends

8.5.2 Market Forecast

8.6 Energy and Power

8.6.1 Market Trends

8.6.2 Market Forecast

8.7 Others

8.7.1 Market Trends

8.7.2 Market Forecast

9 MARKET BREAKUP BY REGION

9.1 North America

9.1.1 United States

9.1.1.1 Market Trends

9.1.1.2 Market Forecast

9.1.2 Canada

9.1.2.1 Market Trends

9.1.2.2 Market Forecast

9.2 Asia-Pacific

9.2.1 China

9.2.1.1 Market Trends

9.2.1.2 Market Forecast

9.2.2 Japan

9.2.2.1 Market Trends

9.2.2.2 Market Forecast

9.2.3 India

9.2.3.1 Market Trends

9.2.3.2 Market Forecast

9.2.4 South Korea

9.2.4.1 Market Trends

9.2.4.2 Market Forecast

9.2.5 Australia

9.2.5.1 Market Trends

9.2.5.2 Market Forecast

9.2.6 Indonesia

9.2.6.1 Market Trends

9.2.6.2 Market Forecast

9.2.7 Others

9.2.7.1 Market Trends

9.2.7.2 Market Forecast

9.3 Europe

9.3.1 Germany

9.3.1.1 Market Trends

9.3.1.2 Market Forecast

9.3.2 France

9.3.2.1 Market Trends

9.3.2.2 Market Forecast

9.3.3 United Kingdom

9.3.3.1 Market Trends

9.3.3.2 Market Forecast

9.3.4 Italy

9.3.4.1 Market Trends

9.3.4.2 Market Forecast

9.3.5 Spain

- 9.3.5.1 Market Trends
- 9.3.5.2 Market Forecast
- 9.3.6 Russia
 - 9.3.6.1 Market Trends
 - 9.3.6.2 Market Forecast
- 9.3.7 Others
 - 9.3.7.1 Market Trends
 - 9.3.7.2 Market Forecast
- 9.4 Latin America
 - 9.4.1 Brazil
 - 9.4.1.1 Market Trends
 - 9.4.1.2 Market Forecast
 - 9.4.2 Mexico
 - 9.4.2.1 Market Trends
 - 9.4.2.2 Market Forecast
 - 9.4.3 Others
 - 9.4.3.1 Market Trends
 - 9.4.3.2 Market Forecast
- 9.5 Middle East and Africa
 - 9.5.1 Market Trends
 - 9.5.2 Market Breakup by Country
 - 9.5.3 Market Forecast

10 SWOT ANALYSIS

- 10.1 Overview
- 10.2 Strengths
- 10.3 Weaknesses
- 10.4 Opportunities
- 10.5 Threats

11 VALUE CHAIN ANALYSIS

12 PORTERS FIVE FORCES ANALYSIS

- 12.1 Overview
- 12.2 Bargaining Power of Buyers
- 12.3 Bargaining Power of Suppliers
- 12.4 Degree of Competition

12.5 Threat of New Entrants

12.6 Threat of Substitutes

13 PRICE ANALYSIS

14 COMPETITIVE LANDSCAPE

14.1 Market Structure

14.2 Key Players

14.3 Profiles of Key Players

14.3.1 Accenture PLC

14.3.1.1 Company Overview

14.3.1.2 Product Portfolio

14.3.1.3 Financials

14.3.1.4 SWOT Analysis

14.3.2 Dakota Software Corporation

14.3.2.1 Company Overview

14.3.2.2 Product Portfolio

14.3.3 Enablon SA (Wolters Kluwer N.V.)

14.3.3.1 Company Overview

14.3.3.2 Product Portfolio

14.3.4 Engie SA

14.3.4.1 Company Overview

14.3.4.2 Product Portfolio

14.3.4.3 Financials

14.3.4.4 SWOT Analysis

14.3.5 Enviance Inc. (Cority Software Inc.)

14.3.5.1 Company Overview

14.3.5.2 Product Portfolio

14.3.6 International Business Machines Corporation

14.3.6.1 Company Overview

14.3.6.2 Product Portfolio

14.3.6.3 Financials

14.3.6.4 SWOT Analysis

14.3.7 Johnson Controls PLC

14.3.7.1 Company Overview

14.3.7.2 Product Portfolio

14.3.7.3 Financials

14.3.7.4 SWOT Analysis

14.3.8 ProcessMAP Corporation

14.3.8.1 Company Overview

14.3.8.2 Product Portfolio

14.3.9 SAP SE

14.3.9.1 Company Overview

14.3.9.2 Product Portfolio

14.3.9.3 Financials

14.3.9.4 SWOT Analysis

14.3.10 Schneider Electric SE

14.3.10.1 Company Overview

14.3.10.2 Product Portfolio

14.3.10.3 Financials

14.3.10.4 SWOT Analysis

List Of Tables

LIST OF TABLES

Table 1: Global: Carbon Footprint Management Market: Key Industry Highlights, 2021 and 2027

Table 2: Global: Carbon Footprint Management Market Forecast: Breakup by Offering (in Million US\$), 2022-2027

Table 3: Global: Carbon Footprint Management Market Forecast: Breakup by Deployment Mode (in Million US\$), 2022-2027

Table 4: Global: Carbon Footprint Management Market Forecast: Breakup by End Use Industry (in Million US\$), 2022-2027

Table 5: Global: Carbon Footprint Management Market Forecast: Breakup by Region (in Million US\$), 2022-2027

Table 6: Global: Carbon Footprint Management Market: Competitive Structure

Table 7: Global: Carbon Footprint Management Market: Key Players

List Of Figures

LIST OF FIGURES

Figure 1: Global: Carbon Footprint Management Market: Major Drivers and Challenges

Figure 2: Global: Carbon Footprint Management Market: Sales Value (in Billion US\$), 2016-2021

Figure 3: Global: Carbon Footprint Management Market Forecast: Sales Value (in Billion US\$), 2022-2027

Figure 4: Global: Carbon Footprint Management Market: Breakup by Offering (in %), 2021

Figure 5: Global: Carbon Footprint Management Market: Breakup by Deployment Mode (in %), 2021

Figure 6: Global: Carbon Footprint Management Market: Breakup by End Use Industry (in %), 2021

Figure 7: Global: Carbon Footprint Management Market: Breakup by Region (in %), 2021

Figure 8: Global: Carbon Footprint Management (Software) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 9: Global: Carbon Footprint Management (Software) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 10: Global: Carbon Footprint Management (Services) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 11: Global: Carbon Footprint Management (Services) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 12: Global: Carbon Footprint Management (Cloud-Based) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 13: Global: Carbon Footprint Management (Cloud-Based) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 14: Global: Carbon Footprint Management (On-Premises) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 15: Global: Carbon Footprint Management (On-Premises) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 16: Global: Carbon Footprint Management (Oil and Gas) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 17: Global: Carbon Footprint Management (Oil and Gas) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 18: Global: Carbon Footprint Management (Manufacturing) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 19: Global: Carbon Footprint Management (Manufacturing) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 20: Global: Carbon Footprint Management (Healthcare) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 21: Global: Carbon Footprint Management (Healthcare) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 22: Global: Carbon Footprint Management (IT and Telecom) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 23: Global: Carbon Footprint Management (IT and Telecom) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 24: Global: Carbon Footprint Management (Automotive) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 25: Global: Carbon Footprint Management (Automotive) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 26: Global: Carbon Footprint Management (Energy and Power) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 27: Global: Carbon Footprint Management (Energy and Power) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 28: Global: Carbon Footprint Management (Others) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 29: Global: Carbon Footprint Management (Others) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 30: North America: Carbon Footprint Management Market: Sales Value (in Million US\$), 2016 & 2021

Figure 31: North America: Carbon Footprint Management Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 32: United States: Carbon Footprint Management Market: Sales Value (in Million US\$), 2016 & 2021

Figure 33: United States: Carbon Footprint Management Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 34: Canada: Carbon Footprint Management Market: Sales Value (in Million US\$), 2016 & 2021

Figure 35: Canada: Carbon Footprint Management Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 36: Asia-Pacific: Carbon Footprint Management Market: Sales Value (in Million US\$), 2016 & 2021

Figure 37: Asia-Pacific: Carbon Footprint Management Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 38: China: Carbon Footprint Management Market: Sales Value (in Million US\$),

2016 & 2021

Figure 39: China: Carbon Footprint Management Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 40: Japan: Carbon Footprint Management Market: Sales Value (in Million US\$), 2016 & 2021

Figure 41: Japan: Carbon Footprint Management Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 42: India: Carbon Footprint Management Market: Sales Value (in Million US\$), 2016 & 2021

Figure 43: India: Carbon Footprint Management Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 44: South Korea: Carbon Footprint Management Market: Sales Value (in Million US\$), 2016 & 2021

Figure 45: South Korea: Carbon Footprint Management Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 46: Australia: Carbon Footprint Management Market: Sales Value (in Million US\$), 2016 & 2021

Figure 47: Australia: Carbon Footprint Management Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 48: Indonesia: Carbon Footprint Management Market: Sales Value (in Million US\$), 2016 & 2021

Figure 49: Indonesia: Carbon Footprint Management Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 50: Others: Carbon Footprint Management Market: Sales Value (in Million US\$), 2016 & 2021

Figure 51: Others: Carbon Footprint Management Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 52: Europe: Carbon Footprint Management Market: Sales Value (in Million US\$), 2016 & 2021

Figure 53: Europe: Carbon Footprint Management Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 54: Germany: Carbon Footprint Management Market: Sales Value (in Million US\$), 2016 & 2021

Figure 55: Germany: Carbon Footprint Management Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 56: France: Carbon Footprint Management Market: Sales Value (in Million US\$), 2016 & 2021

Figure 57: France: Carbon Footprint Management Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 58: United Kingdom: Carbon Footprint Management Market: Sales Value (in Million US\$), 2016 & 2021

Figure 59: United Kingdom: Carbon Footprint Management Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 60: Italy: Carbon Footprint Management Market: Sales Value (in Million US\$), 2016 & 2021

Figure 61: Italy: Carbon Footprint Management Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 62: Spain: Carbon Footprint Management Market: Sales Value (in Million US\$), 2016 & 2021

Figure 63: Spain: Carbon Footprint Management Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 64: Russia: Carbon Footprint Management Market: Sales Value (in Million US\$), 2016 & 2021

Figure 65: Russia: Carbon Footprint Management Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 66: Others: Carbon Footprint Management Market: Sales Value (in Million US\$), 2016 & 2021

Figure 67: Others: Carbon Footprint Management Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 68: Latin America: Carbon Footprint Management Market: Sales Value (in Million US\$), 2016 & 2021

Figure 69: Latin America: Carbon Footprint Management Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 70: Brazil: Carbon Footprint Management Market: Sales Value (in Million US\$), 2016 & 2021

Figure 71: Brazil: Carbon Footprint Management Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 72: Mexico: Carbon Footprint Management Market: Sales Value (in Million US\$), 2016 & 2021

Figure 73: Mexico: Carbon Footprint Management Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 74: Others: Carbon Footprint Management Market: Sales Value (in Million US\$), 2016 & 2021

Figure 75: Others: Carbon Footprint Management Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 76: Middle East and Africa: Carbon Footprint Management Market: Sales Value (in Million US\$), 2016 & 2021

Figure 77: Middle East and Africa: Carbon Footprint Management Market Forecast:

Sales Value (in Million US\$), 2022-2027

Figure 78: Middle East and Africa: Carbon Footprint Management Market: Breakup by Country (in %), 2021

Figure 79: Global: Carbon Footprint Management Industry: SWOT Analysis

Figure 80: Global: Carbon Footprint Management Industry: Value Chain Analysis

Figure 81: Global: Carbon Footprint Management Industry: Porter's Five Forces Analysis

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