

Global Biochar Market

<https://marketpublishers.com/r/GACA7C5E7C6EEN.html>

Date: August 2023

Pages: 89

Price: US\$ 5,500.00 (Single User License)

ID: GACA7C5E7C6EEN

Abstracts

Report Scope:

The report provides an overview of the global market for biochar and analyzes various market trends. The base year considered for analysis is 2022, while the market estimates and forecasts are given from 2023 to 2028. The market estimates are provided in terms of revenue, USD millions. Revenue forecasts for this period are segmented based on technology, application, region, and country.

Technologies looked at in the report are segmented into pyrolysis, gasification and others. Applications are agriculture, which contains both animal feed and soil amendment, and others. The others category of applications includes oil & gas, building and construction, water filtration and textiles.

Research shows that a significant part of the market is still unorganized in nature, including unincorporated private enterprises owned by individuals or households. The trend of relying on do-it-yourself (DIY) techniques was found to be quite popular on small-scale farms. Thus, the study focuses on the organized section of the market.

The market size only entails revenue generated from annual sales of biochar; it excludes the cost of services, as well as equipment.

Report Includes:

38 data tables and 18 additional tables

Detailed overview and an up-to-date analysis of the global markets for biochar technology

Analyses of the global market trends, with market revenue data (sales figures) for 2022, estimates for 2023, and projections of compound annual growth rates (CAGRs) through 2028

Understanding of the upcoming potential for biochar market, and areas of focus to forecast this market into various segments and sub-segments

Estimation of the actual market size and revenue forecast for global biochar market in USD million values, and corresponding market share analysis based on technology, application, and region

In-depth information (facts and figures) concerning the major factors influencing the progress of this market (benefits, and industry-specific challenges) with respect to specific growth trends, upcoming technologies, regulations, prospects, and contributions to the biochar industry

Review of the emerging trends and technologies, new products and technologies in developments in the global biochar market over the analysis period

Discussion of the importance of ESG (Environmental, social, and governance) in the biochar market, consumer attitudes, ESG perspectives and impacts, and ESG followed practices by biochar companies

Identification of the major stakeholders and analysis of the company competitive landscape based on their recent developments, operational integration, and segmental revenues

Detailed company profiles of the leading market players, including Airex Energy, Biochar Supreme LLC, Carbon Gold Ltd., Rainbow Bee Eater Pty Ltd., and Swiss Biochar GmbH

Contents

CHAPTER 1 INTRODUCTION

Study Goals and Objectives
Reasons for Doing the Study
Scope of Report
Research Methodology
Information Sources
Regional Breakdown

CHAPTER 2 SUMMARY AND HIGHLIGHTS

Market Outlook

CHAPTER 3 MARKET OVERVIEW

Introduction
History of Biochar
Properties of Biochar
Uses of Biochar
Role of Biochar
Feedstock Analysis
Sources of Biochar
Economic Considerations
Production Process of Biochar

CHAPTER 4 MARKET DYNAMICS

Market Dynamics
Drivers
Challenges
Supply Chain Analysis
Impact of Covid-19 and Russia-Ukraine War on Biochar Market
Porter's Five Forces Analysis

CHAPTER 5 MARKET ANALYSIS BY TECHNOLOGY

Overview

Pyrolysis
Gasification
Other Processes

CHAPTER 6 MARKET ANALYSIS BY APPLICATION

Overview
Agriculture
Other Applications

CHAPTER 7 MARKET ANALYSIS BY REGION

Global Market
North America
United States
Canada
Europe
Germany
Nordic Countries
Rest of Europe
Asia-Pacific
China
Australia
Japan
Rest of Asia-Pacific
Rest of the World

CHAPTER 8 ESG DEVELOPMENTS

Introduction
Biochar as a Tool to Meeting ESG Objectives
ESG Issues in the Biochar Industry
Risks to Health and Safety
Environmental Impact
Labor Practices
Improved in Energy-efficiency
ESG Practices at Biochar Companies
Implementations of ESG Practices
Concluding Remarks from BCC Research

CHAPTER 9 EMERGING TECHNOLOGIES AND DEVELOPMENTS

Current Market Trends
Government Support for Carbon Removal Technologies
Awareness of Biochar as a Tool for Climate Change Mitigation
Bamboo-based Biochar in Asia
Purchasing Carbon Credits Generated through Biochar Plants
Emerging Technologies
Use of Biochar in Hydroponics Systems
First Mobile Biochar Production Unit
Nano-enhanced Biochar

CHAPTER 10 COMPETITIVE INTELLIGENCE

Competitive Scenario Analysis
Patent Analysis
Market Developments

CHAPTER 11 COMPANY PROFILES

AMERICAN BIOCHAR CO.
AIREX ENERGY
BIOCHAR SUPREME LLC
BIOCHAR NOW LLC
CANADIAN AGRICHAR INC.
CARBO CULTURE INC.
CARBON GOLD LTD.
PACIFIC BIOCHAR
RAINBOW BEE EATER
SWISS BIOCHAR

List of Tables

Summary Table : Global Market for Biochar, by Region, Through 2028

Table 1 : Properties of Biochar

Table 2 : Uses of Biochar

Table 3 : Sustainable Development Goals Involving Biochar: Current and Future Assessment

Table 4 : Global Market for Biochar, by Technology, Through 2028

Table 5 : Global Market for Biochar, by Pyrolysis, Through 2028

Table 6 : Global Market for Biochar, by Gasification, Through 2028
Table 7 : Global Market for Other Biochar Processes, by Region, Through 2028
Table 8 : Global Market for Biochar, by Application, Through 2028
Table 9 : Global Agricultural Market for Biochar, by Region, Through 2028
Table 10 : Global Market for Other Applications of Biochar, by Region, Through 2028
Table 11 : North American Market for Biochar, by Country, Through 2028
Table 12 : North American Market for Biochar, by Technology, Through 2028
Table 13 : North American Market for Biochar, by Application, Through 2028
Table 14 : U.S. Market for Biochar, by Technology, Through 2028
Table 15 : U.S. Market for Biochar, by Application, Through 2028
Table 16 : Canadian Market for Biochar, by Technology, Through 2028
Table 17 : Canadian Market for Biochar, by Application, Through 2028
Table 18 : Biochar Production Capacity Breakdown, by Equipment Category in Europe, 2022
Table 19 : European Market for Biochar, by Country, Through 2028
Table 20 : European Market for Biochar, by Technology, Through 2028
Table 21 : European Market for Biochar, by Application, Through 2028
Table 22 : German Market for Biochar, by Technology, Through 2028
Table 23 : German Market for Biochar, by Application, Through 2028
Table 24 : Nordic Countries Market for Biochar, by Technology, Through 2028
Table 25 : Nordic Countries Market for Biochar, by Application, Through 2028
Table 26 : Rest of European Market for Biochar, by Technology, Through 2028
Table 27 : Rest of European Market for Biochar, by Application, Through 2028
Table 28 : Asia-Pacific Market for Biochar, by Country, Through 2028
Table 29 : Asia-Pacific Market for Biochar, by Technology, Through 2028
Table 30 : Asia-Pacific Market for Biochar, by Application, Through 2028
Table 31 : Chinese Market for Biochar, by Technology, Through 2028
Table 32 : Chinese Market for Biochar, by Application, Through 2028
Table 33 : Australian Market for Biochar, by Technology, Through 2028
Table 34 : Australian Market for Biochar, by Application, Through 2028
Table 35 : Japanese Market for Biochar, by Technology, Through 2028
Table 36 : Japanese Market for Biochar, by Application, Through 2028
Table 37 : Rest of Asia-Pacific Market for Biochar, by Technology, Through 2028
Table 38 : Rest of Asia-Pacific Market for Biochar, by Application, Through 2028
Table 39 : RoW Market for Biochar, by Technology, Through 2028
Table 40 : RoW Market for Biochar, by Application, Through 2028
Table 41 : Patents Related to Biochar
Table 42 : Major Developments in Global Biochar Market, 2022-2023
Table 43 : American BioChar Co.: Biochar Product Portfolio

Table 44 : Airex Energy: Recent News/Developments, 2023

Table 45 : Airex Energy: Biochar Product Portfolio

Table 46 : Biochar Supreme LLC: Biochar Product Portfolio

Table 47 : Biochar Now LLC: Biochar Product Portfolio

Table 48 : Canadian AgriChar Inc.: Biochar Product Portfolio

Table 49 : Carbo Culture Inc.: Recent News/Developments, 2022-2023

Table 50 : Carbo Culture Inc.: Biochar Product Portfolio

Table 51 : Carbon Gold: Biochar Product Portfolio

Table 52 : Pacific Biochar: Recent News/Developments, 2021-2023

Table 53 : Pacific Biochar: Biochar Product Portfolio

Table 54 : Rainbow Bee Eater: Biochar Product Portfolio

Table 55 : Swiss Biochar: Biochar Product Portfolio

List of Figures

Summary Figure : Global Market Shares of Biochar, by Region, 2022

Figure 1 : Biochar

Figure 2 : Role of Biochar in Environment Management

Figure 3 : Production Process of Biochar

Figure 4 : Market Dynamics: Drivers and Challenges

Figure 5 : Supply Chain Analysis of the Global Biochar Market

Figure 6 : Fertilizer Prices, January 2020–March 2023

Figure 7 : Porter's Five Forces Analysis: Global Biochar Market

Figure 8 : Global Market Shares of Biochar, by Technology, 2022

Figure 9 : Global Market Shares of Biochar, by Pyrolysis, 2022

Figure 10 : Global Market Shares of Biochar, by Gasification, 2022

Figure 11 : Global Market Shares of Other Biochar Processes, by Region, 2022

Figure 12 : Global Market Shares of Biochar, by Application, 2022

Figure 13 : Global Agricultural Market Shares of Biochar, by Region, 2022

Figure 14 : Global Market for Other Applications Shares of Biochar, by Region, 2022

Figure 15 : North American Market Shares of Biochar, by Country, 2022

Figure 16 : North American Market Shares of Biochar, by Technology, 2022

Figure 17 : North American Market Shares of Biochar, by Application, 2022

Figure 18 : U.S. Market Shares of Biochar, by Technology, 2022

Figure 19 : U.S. Market Shares of Biochar, by Application, 2022

Figure 20 : Canadian Market Shares of Biochar, by Technology, 2022

Figure 21 : Canadian Market Shares of Biochar, by Application, 2022

Figure 22 : European Market Shares of Biochar, by Country, 2022

Figure 23 : European Market Shares of Biochar, by Technology, 2022

Figure 24 : European Market Shares of Biochar, by Application, 2022

Figure 25 : German Market Shares of Biochar, by Technology, 2022

- Figure 26 : German Market Shares of Biochar, by Application, 2022
- Figure 27 : Nordic Countries Market Shares of Biochar, by Technology, 2022
- Figure 28 : Nordic Countries Market Shares of Biochar, by Application, 2022
- Figure 29 : Rest of European Market Shares of Biochar, by Technology, 2022
- Figure 30 : Rest of European Market Shares of Biochar, by Application, 2022
- Figure 31 : Asia-Pacific Market Shares of Biochar, by Country, 2022
- Figure 32 : Asia-Pacific Market Shares of Biochar, by Technology, 2022
- Figure 33 : Asia-Pacific Market Shares of Biochar, by Application, 2022
- Figure 34 : Chinese Market Shares of Biochar, by Technology, 2022
- Figure 35 : Chinese Market Shares of Biochar, by Application, 2022
- Figure 36 : Australian Market Shares of Biochar, by Technology, 2022
- Figure 37 : Australian Market Shares of Biochar, by Application, 2022
- Figure 38 : Japanese Market Shares of Biochar, by Technology, 2022
- Figure 39 : Japanese Market Shares of Biochar, by Application, 2022
- Figure 40 : Rest of Asia-Pacific Market Shares of Biochar, by Technology, 2022
- Figure 41 : Rest of Asia-Pacific Market Shares of Biochar, by Application, 2022
- Figure 42 : RoW Market Shares of Biochar, by Technology, 2022
- Figure 43 : RoW Market Shares of Biochar, by Application, 2022
- Figure 44 : Global Issues for which Biochar is a Solution
- Figure 45 : ESG Practices of Leading Biochar Companies
- Figure 46 : Key Market Trends
- Figure 47 : Share of Most Common Strategies of Biochar Companies, 2020-2023

I would like to order

Product name: Global Biochar Market

Product link: <https://marketpublishers.com/r/GACA7C5E7C6EEN.html>

Price: US\$ 5,500.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/GACA7C5E7C6EEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970