

# Biochar - Global Market Outlook (2016-2022)

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## Abstracts

According to Statistics MRC, the Global Biochar market is accounted for \$3303.8 million in 2015 and is expected to reach \$923.56 million by 2022 growing at a CAGR of 15.8%. The increasing government initiatives and stringent government regulations regarding the agriculture productivity had given rise to the market of Biochar. Carbon sequestration property, waste management potential and improved soil fertility & crop yield are some of the factors driving the market. However, financial barriers, technological constraints and lack of consumer awareness are the factors hampering the market.

Batch pyrolysis kiln segment is expected to witness rapid growth owing to high yield coupled with high carbon content and stability. It is one of prominent technology to produce high-quality product. Agriculture segment is accounted for the dominant share of the market due to increasing use of Biochar in the crop yielding process. North America is dominating the world owing to the growth in organic farming, followed by Europe.

Some of the key players of the Biochar market include 3R ENVIRO TECH Group , Agri-Tech Producers, ARSTA Eco, Biochar Products, Inc., Biochar Supreme LLC, Blackcarbon, Carbon Gold, Clean Fuels B.V., Cool Planet Energy Systems Inc., Diacarbon Energy Inc. , Earth Systems, Full Circle Biochar, Genesis Industries, Pacific Pyrolysis Pty Ltd. , Phoenix Energy, The Biochar Company and Vega Biofuels, Inc..

Applications Covered:

Energy based

Sources for Power Plant

## Electricity Generation

Non-Energy based

Agriculture

Carbon Sequestration

Household

Forestry

Gardening

Mine Reclamation

Other Non-Energy based

## Technologies Covered:

Batch pyrolysis kiln

Continuous pyrolysis kiln

Gasifier and cookstove

Microwave pyrolysis

Other Technologies

## Feedstocks Covered:

Agriculture Waste

Animal Manure

Biomass Plantation

## Forestry Waste

### Manufacturing processes Covered:

Fast & Intermediate Pyrolysis

Slow Pyrolysis

Gasification

Other Manufacturing Processes

### Regions Covered:

North America

US

Canada

Mexico

Europe

Germany

France

Italy

UK

Spain

Rest of Europe

## Asia Pacific

Japan

China

India

Australia

New Zealand

Rest of Asia Pacific

## Rest of the World

Middle East

Brazil

Argentina

South Africa

Egypt

## What our report offers:

Market share assessments for the regional and country level segments

Market share analysis of the top industry players

Strategic recommendations for the new entrants

Market forecasts for a minimum of 7 years of all the mentioned segments, sub segments and the regional markets

Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges,

Investment Opportunities, and recommendations)

Strategic recommendations in key business segments based on the market estimations

Competitive landscaping mapping the key common trends

Company profiling with detailed strategies, financials, and recent developments

Supply chain trends mapping the latest technological advancements

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