Operational

Farm Gai Kaisa ...

Biochar

On demand

In stock

2,737

Certified

Durability

CORC 100+

Production facility country

Namibia

Request info from supplier

Description

The Namibian Savannah, a precious ecosystem and one of the world's richest collections of wildlife and plant species, faces threats from human activity and climate change, including droughts, wildfires and desertification.

The Savannah Restoration Project combats these challenges by producing biochar, which stimulates savannah restoration through the sustainable harvesting of excessive encroacher bush. This process increases agricultural productivity both in the restored savannah and the agricultural land, improved through biochar application. The biochar enhances soil health, boosts crop yields, and enhances climate resilience—a win-win.

Our mission goes beyond the Savannah, by channelling carbon finance into the area, we're laying the groundwork for scalable, impactful biochar initiatives in Namibia, yielding numerous core-benefits along the way.

Co-benefits

The Planboo Savannah Restoration Project offers several co-benefits:

Biodiversity and Ecosystem Restoration: Converts encroacher bush into biochar, restoring native vegetation and enhancing ecosystem resilience.

Economic Opportunities: Creates jobs in biochar production and supports local economic development, potentially fostering a local biochar market.

Climate Resilience: Improves soil health and water retention, making lands more resilient to droughts and floods, thus enhancing food security.

Erosion Control: Biochar stabilizes soil, reduces erosion, and prevents land degradation.

Educational Benefits: Provides training in sustainable practices, empowering local communities with new skills.

Improved Soil Health: Enhances soil structure, nutrient availability, and microbial activity, leading to better crop yields and reduced fertilizer use.