



# Humission's BioCharcoal: Clean Energy, Green Future – Powering Sustainability in a Circular Economy!

## Current energy sources promote climate change!

Conventional charcoal requires deforestation and is illegal following an amendment to the Forestry Act (June 19th, 2020)



Charcoal is the primary energy source in Malawi!



Deforestation is unavoidable

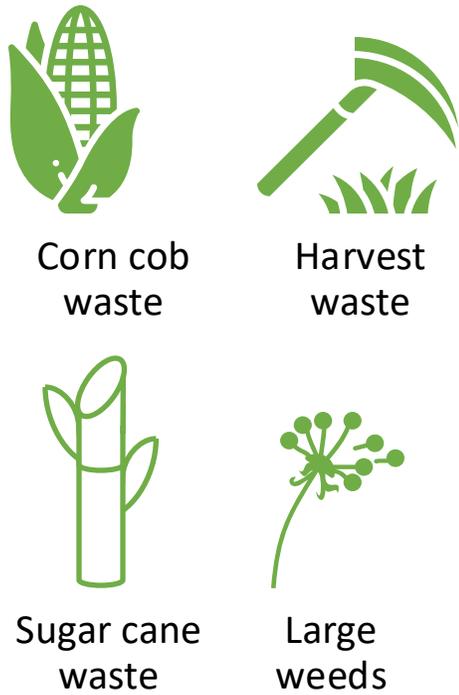


- High demand for energy
  - generated through forests without replanting
- Forests shrink, increasing the price for charcoal
  - no CO<sub>2</sub> capturing
- Government loses revenue to illegal trading
- Loss of biodiversity
  - Removal of habitats
  - Soil erosion

High demand for sustainable alternatives

# Biocharcoal from organic waste as sustainable alternative to prevent deforestation and advocate independency of beneficiaries

## organic material



Systems that  
pyrolyze organic  
waste

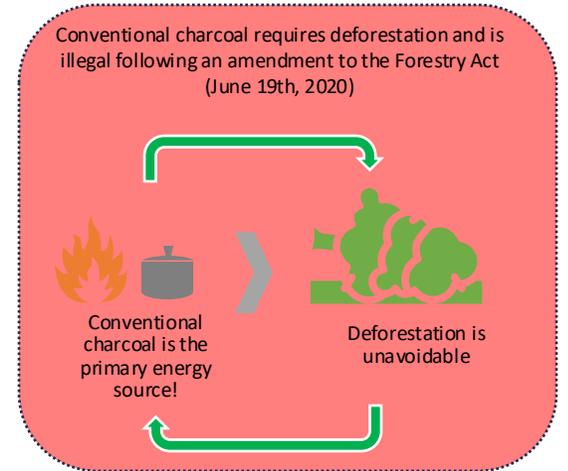


Cooling,  
processing and  
briquetting



Sustainable  
organic  
charcoal made  
from  
agricultural  
residues

**SUSTAINABLE**

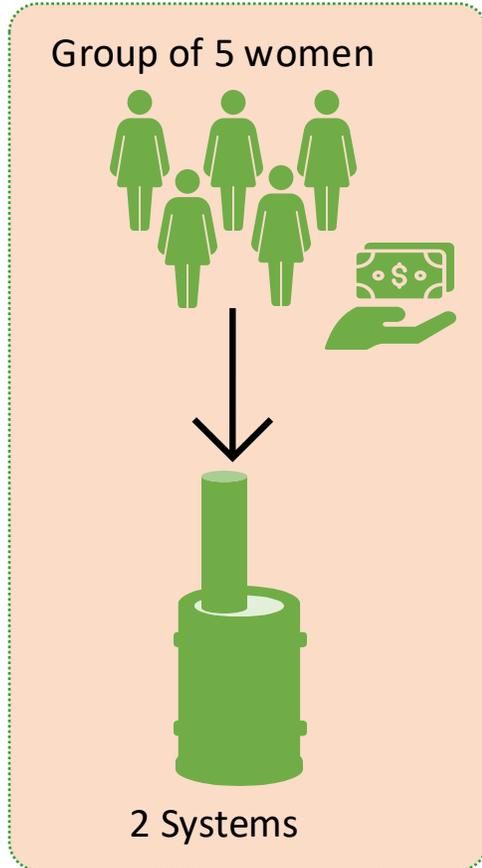


briquettes



pyrolyzed maize  
combs

# Usage of biocharcoal by lodges and customers enables smallholder farmers to participate form the value chain



Revenue for local communities from the sale of biocharcoal to Humission



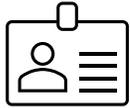
### Long-term advantages

- Less deforestation and reduces CO<sub>2</sub> emission
- Sustainable Eco-Tourism and stable prices
- Encouragement of local enterprises
- Making Malawi more attractive as tourist destination



Integrating local communities into sustainable tourism

## Contact Team Humission for Business requests



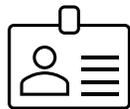
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