

Presentation given at the Katoomba XV Meeting entitled

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*Conserving the Environment;
Developing Communities.*



**FOREST
TRENDS**

**the
katoomba
group**

Community-based regulation of charcoal in Ghana's transition zone.

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1 bag charcoal = 40kg

One day: 15 trucks X 300bags/truck X 40kg = 180 tonnes

Yearly = 65,700 tonnes (14% wood used)

Total wood used = 469,286 tonnes (80% of total biomass)

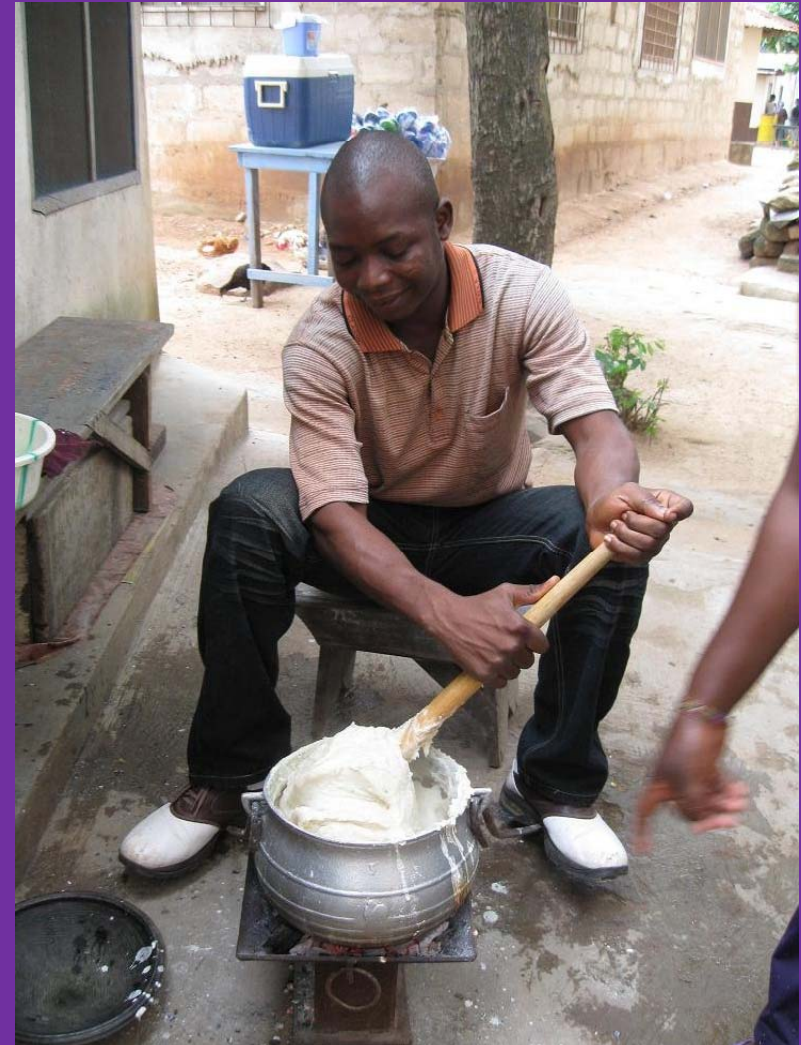
Total biomass = 586,607 tonnes

Total emissions = 1m tCO₂

\$4 VCM = \$4.3m = 155 Prim Schools

Introduction

- Charcoal is the preferred domestic fuel in Ghana
- 90% of urban households use charcoal for cooking
- supports most informal enterprises – blacksmithing, BBQ, roasted foods.
- Wood for charcoal production is taken from the wild forest.



Why charcoal ?

- Burns hotter
- Burns without smoke
- Stores longer without degradation.
- Can be purchased in smaller units
- Consistent with local appliances



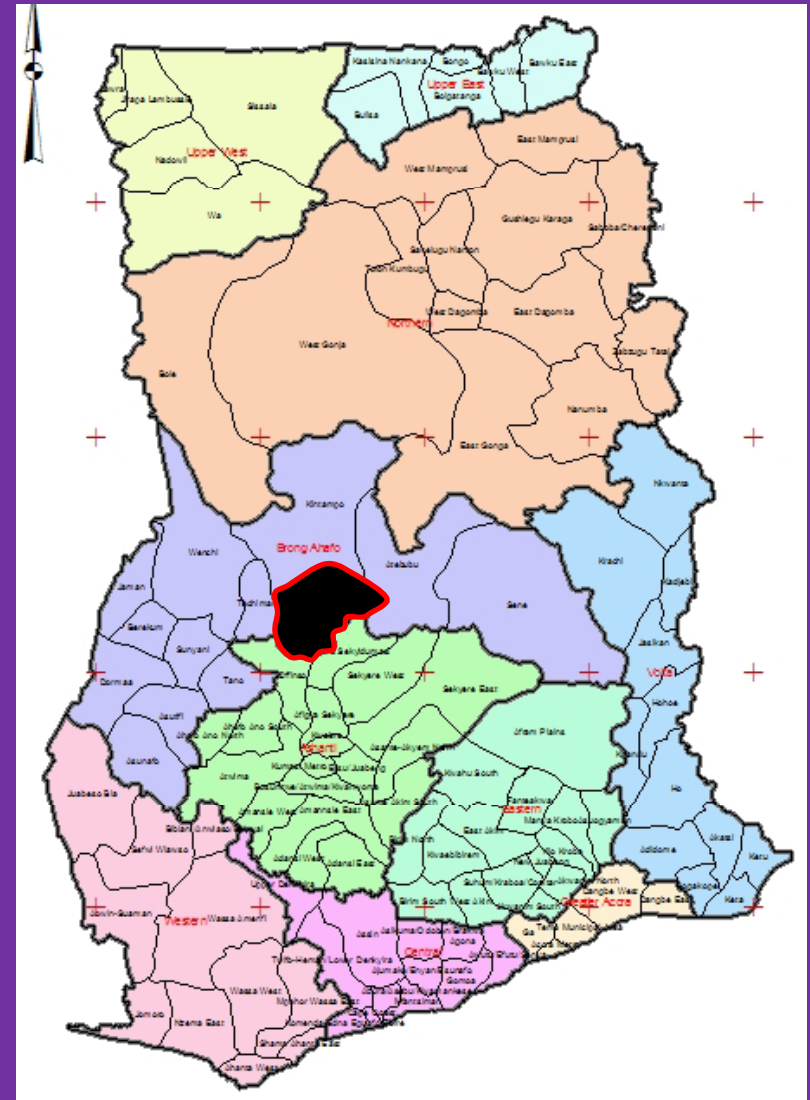
Units of charcoal on sale



Local coal pot & frying pan

Scale of Project

- Location in Nkoranza North District.
- Total area of 23,000km²
- Total population = 140,000
- Initial 20 communities
- 2,000 km²
- 200 charcoal producers



Three Key Stages

Formation of Charcoal Management Board

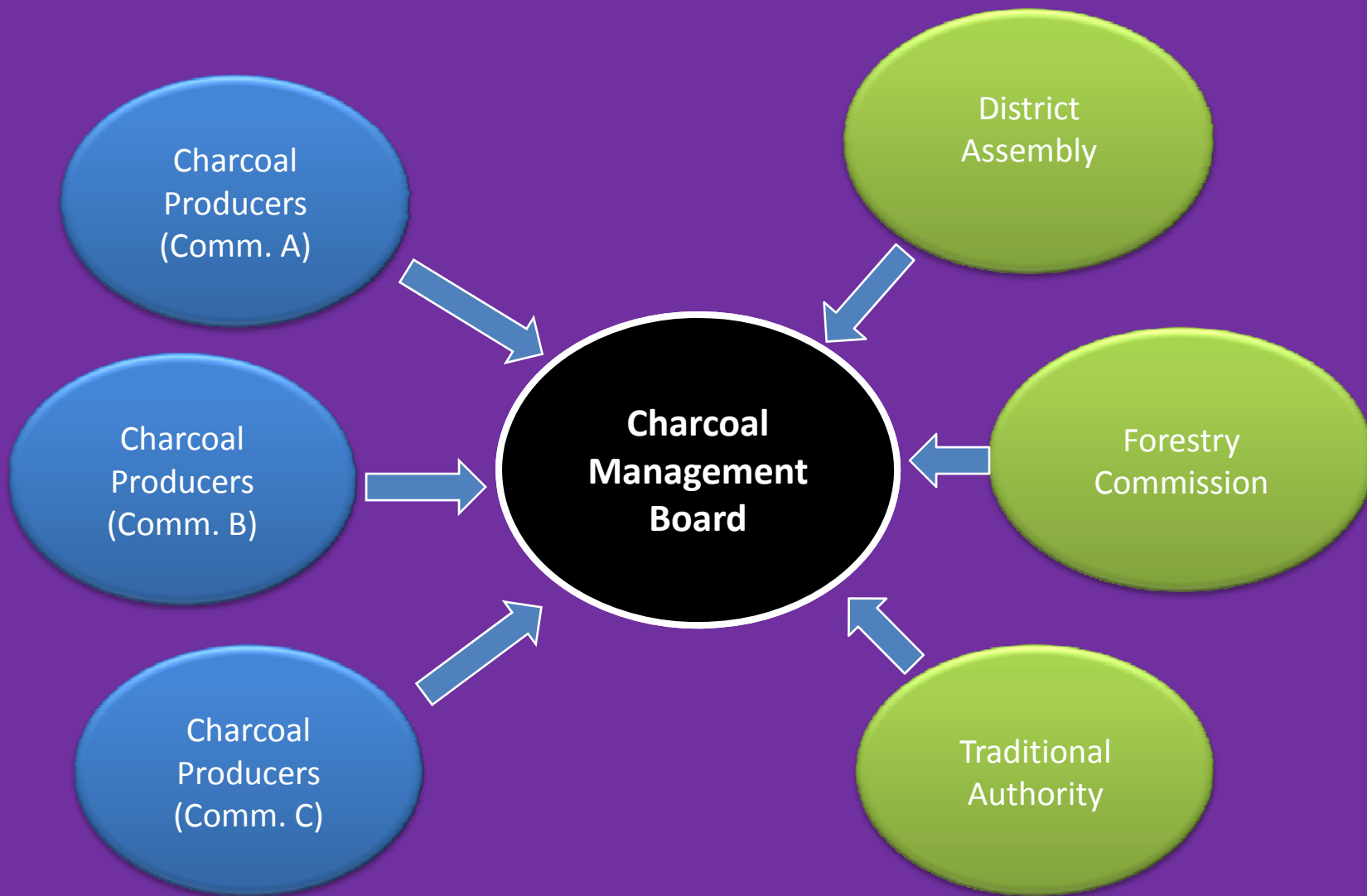
Local capacity building to manage community forests

Develop PES mechanism based on sustainable charcoal

- carbon finance
- charcoal tourism



Proposed structure of the charcoal MB



Advances to date



Producers



**Roadside
sellers**



**Truck
dealers**

Stakeholder and
economic linkage
analysis



**Market
women**

Advances to date

- Initial engagement of Traditional Authority and District Assembly
- Scoping study of carbon finance options from



Village	No. of bags of charcoal	Wt. in Kg	tCO ₂	Potential revenue from C offsets VCM @ \$4 per ton of CO ₂
Bontin	34,858	1,673,191	15,059	\$60,235
Bomini	56,173	2,696,309	24,267	\$97,067

Potential challenges

- Achieving common agreements among charcoal producers
- Managing wild fires
- Managing migratory alien cattle



Thank You!