



POTENTIAL FOR BIOENERGY AND AGRO-FORESTRY PROJECT IN GHANA FOR PRODUCTIVE USE



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L I M I T E D

PROVACCA Project

PROMOTING A VALUE CHAIN APPROACH TO
CLIMATE CHANGE ADAPTATION IN AGRICULTURE
IN GHANA

- GEF & IFAD
- Ministry of Food & Agriculture (GASIP)





Adaptation

- New Climate resilient varieties
- Improved Cassava varieties (3x)
- CSA (agric. practices)
- Sustainable water & Land Mgt (SWLM)
- Adaptive land mgt practices (Agroforestry): wood-fuel supply



Mitigation

Asueyi Cassava Processing Plant

**Combined-Heat & Power plant
(CHP)**

Gasification plant



Feedstocks (Biomass)

- Cassava peels
- Sawdust from Sawmill
- Agroforestry (managed woodlot)



Asueyi Combined-Heat & Power Plant

- Asueyi, Techiman





- Supplying power and heat
- Power both the machinery and the community
- Heat for roasting cassava into Gari

- 16,000 kg/d (1st year) up to 25,000 Kg/d (5th year) cassava roots processing



Environmental
benefit





CO-BENEFITS

- Linkage to environment
- Linkages to income generation
- Linkages to SDGs (Goal 7, 9, 12 & 13)
- Linkage to Emission reduction