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

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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