

Summary Profile of Chris V Aukongo on Bush Control and Biomass Utilization (BCBU) Program in Namibia

1. Personal Particulars

Full name	: Christoph Valde Aukongo
Date of birth	: 13 January 1949
Academic qualifications:	Diploma in Adult Education, University of Nairobi, Kenya – 1978 BA (Econ), University of Reading, United Kingdom – 1984 Diploma in Business Management, Executive Education, Cape Town – 1986
Practical Experience	: Covering the period extending 2014 to 2022/23

2. Knowledge, Expertise and Experience

Abilities, Skills and Expertise Related to Key Bush Control and Biomass Utilization Activities:

2.1 Harvesting activities for sustainable bush control:

- Determining harvestable bush species on bush-encroached productive lands with emphasis on selective harvesting (*thinning*);
- Determining bush density per hectare through proper bush count methods;
- Determining stem thickness of harvestable bush species, including the best choice of harvesting methods and equipment – measured against productivity throughput requirements;
- Aftercare services to ensure sustainable bush regrowth.

2.2 Biomass utilization

- Production of a variety of bush-based products that include biofuels (*lump charcoal, wood chips, wood pellets, charcoal briquettes*), as well as animal bush feed and bio char – the latter being utilized for soil conditioning and sequestration of carbon into the ground;
- Determining appropriate value-chain processing technologies and equipment for the production of biofuels and other bush-based products;
- Application of production efficiency methods for maximum outputs, as well as ensuring quality assurance of bush-based products;
- Application of approaches and methods that ensure effective environmental management.

2.3 Training of wood harvesters

- Training of wood harvesters in all aspects ranging from sustainable bush harvesting, processing of wood biomass, wood pyrolysis, efficiency in charcoal production, product quality assurance and effective environmental management.

2.4 Marketing of biofuels and other bush-based products

- Marketing of biofuels (*lump charcoal, compressed wood pellets and charcoal briquettes*) to international markets through export, as well as wood chips and animal feed on the domestic market.

2.5 Project Management Capabilities

- Chris has the ability, experienced skills and expertise to manage all project tasks enumerated under subsections 2.1 – 2.4 of this submission, including management of technical, material, financial and human resources to achieve specific project objectives and deliverables, mainly:
 - ✓ *Delivery of capacity building training to empower producers for biomass production and value chain processing to produce quality biofuels;*
 - ✓ *Opening up of bush-infested and degraded rangelands to allow: Land rehabilitation and restoration; Enhanced balance of natural environment, biodiversity and ecosystems; Recovery of water resources and livestock pasture to ensure profitability of productive lands and resilient livelihoods of farmers;*
 - ✓ *Meeting companies' production targets in respect of quantities of harvested wood biomass and processed biofuels;*
 - ✓ *Generating profitable income from the sale of biofuels, including much-needed foreign earnings for the national treasury through export;*
 - ✓ *Creating sustainable employment opportunities for a significant number of Namibians.*

3. Contact Details

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