



Bush Encroachment & “Bush-to-Electricity”



Decentralised Power Supply Solutions in Namibia

Support to De-Bushing Project

Background

- Bush encroachment affects 30 million ha, reducing rangeland productivity by 2/3; impact on ground-water re-charge
- Minister: “BE can be considered a National Disaster”

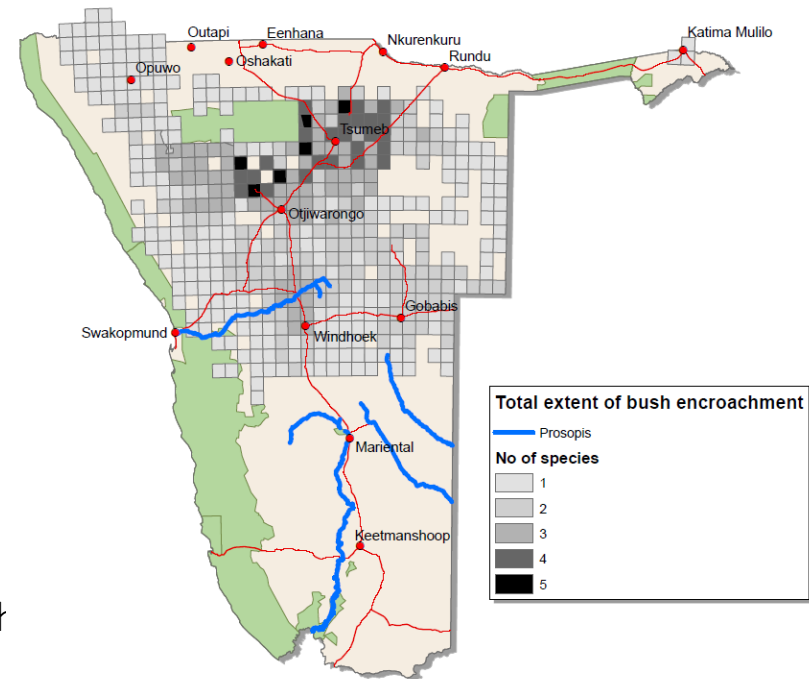
Project Objective

- ... to develop strategies to upscale de-bushing in Namibia

Value Addition Strategy

- ... electricity/power generation from encroacher bush the most obvious and immediate solution

Total Extent of Bush Encroachment





[Bush Encroachment – Scope](#)



[Biomass Value Addition Opportunities](#)



[Our Land, Our Voices](#)



[Bush-to-Electricity](#)



Bush-to-Electricity – Sector Support

Address Fuel Supply Challenges

- Policy Environment
 - EIA framework; Macro-Economic valuation
- Institutional frameworks
 - Namibia Biomass Industry Group; Fuel Supply Agreement
- Technical supply solutions
 - Harvesting and logistics solutions

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Address Power Generation Challenges

- Viability / Feasibility of Power Plants
- Support to NamPower on Biomass Solutions



Thank you!





Manual bush cutting and chipping



Selective bush harvesting



Charcoal



High value barbecue product

Value addition – Bush briquettes and chips