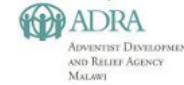




Eagles



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RUO

VITUMBIKO CHINOKO  
 Technical Lead – Low Carbon/ECRP  
 CHRISTIAN AID



# Introduction

- ☞ Charcoal making is one of the common enterprises for communities in Mwanza
- ☞ Feasibility study facilitated by Practical Action
- ☞ The study revealed that the process of producing green charcoal is viable though with noted challenges
- ☞ Partnered with Sustainable Land Management – UNDP supported project which was also piloting a similar project in the district
- ☞ Departments of energy and forestry have provided technical support

# Experience: Technology

- ☞ Half Orange kilns used and communities have been trained in how to use the kilns.
- ☞ The new technology (kilns and arranging wood) did not yield as much charcoal as they has expected.
- ☞ The communities modified the arrangement of wood in the kilns and it yielded much charcoal. 5 against 8 bags.
- ☞ Kilns and charcoal have been tested for efficiency and effectiveness, official report yet to come
- ☞ **Need to incorporate local knowledge in our technology/innovation dissemination**

# Experience: Effort

- ⌘ Modern kilns took an average of 4 days to finalize the production of charcoal compared to 8 days in the traditional methodology
- ⌘ The modern kilns can use tree branches and not the whole trunk of a tree. Used less wood, and it was easier to collect wood for making charcoal.
- ⌘ Modern technology allowed communities attend to other IGAs.

# Experience: Marketing

- ⌘ Marketing charcoal is hard enterprise riddled with corruption and very little or no profit margins.
- ⌘ Support to marketing would be necessary value addition to sustainable charcoal
- ⌘ Licensing process for groups and individuals would require external support.
- ⌘ How to label that the charcoal produced is green. Need **buy green charcoal Campaign?**

# Strategic Questions

- ⌘ How to protect sustainable charcoal producers from exploitation.
- ⌘ How to cost charcoal? What factors?
- ⌘ How soon shall the charcoal strategy be operational?
- ⌘ Marketing: Pro-poor market chain?
- ⌘ Private-Public-Partnerships an opportunity or menace?
- ⌘ How long should it take to get a certificate to make intervention really sustainable
- ⌘ Bamboo—game changer in energy poverty in production of charcoal