

# \* A case for “Barter Trading” in the 21<sup>st</sup> Century



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Chitetezo Mbaula( Clay Stove)/ Maize bran swap program

Presentation to  
Evaluating pathways to modern, sustainable cooking energy  
systems

# \*Introduction

- \*Malawi - Target to meet 2 million CLEANER stoves by 2020
- \*Eden by Design in partnership with Hestian Malawi has been implementing a project on distributing the Chitetezo cooking stoves in Malawi. The projects have been set up in two districts, Kasungu in the central region and Neno in the southern region.
- \*Eden by Design had a market need for Maize bran for animal feed , so the idea was born to barter a bucket of Maize bran for 1 stove rather than buy the bran.
- \*MAEVE project had a supply and distribution model of Chitetezo Mbaulas

# \* Methodology

Sensitization meetings held

Deliveries arranged

Training on usage

Distribution/Data collection

Validation and verification



# \* Achievements

- \* Two districts partially coverage. Kasungu and Neno
- \* 56k cooking stoves delivered
- \* 54k identity confirmation and unique code verified
- \* Collection of Maize bran is ongoing



# \*Challenges

## \*Quality

- \* Clay

- \* Numbering

- \* Road damages

## \*Data Collection

- \* Lack national ID

- \* Literacy

- \* Large crowds/logistics

- \* Maize bran collection

- \* Logistics

- \* Seasonality



# \* Lessons Learnt

- \* The cooking stove is very easy to use and didn't need much training.
- \* Women were willing to barter maize bran (which they have control over) for a cooking stove rather than pay money.
- \* Chiefs embraced the initiative (environmental and social)



# \* 3 Take Aways

- \* Bartering is an option
- \* Partnership with private companies offer pathways
- \* The Chitetezo Mbaula is well received

