



Government of Malawi

# National Cookstoves Program Roadmap

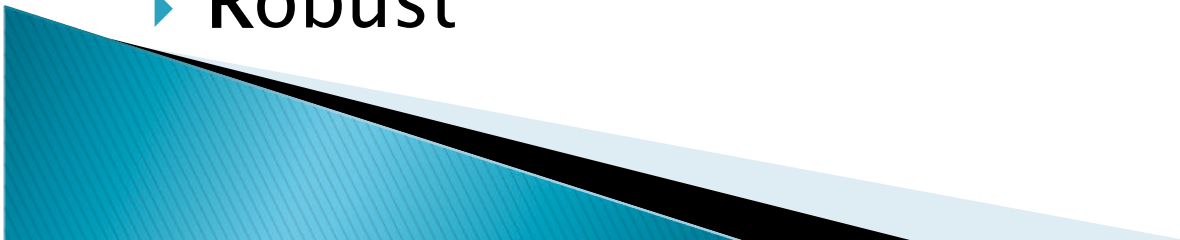
By The National Cookstove Steering Committee  
(NCSC)

# What is it?

- ▶ The National Cookstoves Programme (NCP) is a unique initiative that aims to improve cooking in Malawian homes through promotion of the adoption of up to 2 million energy efficient and cleaner stoves by 2020.
- ▶ 2,000,000 Households represents 67.5 % of the households in Malawi.
- ▶ It is a **bold goal**.



# What is a CLEANER cookstove?

- ▶ Convenient
  - ▶ Less smoky
  - ▶ Efficient (the 20% minimum thermal efficiency is the only absolute performance criteria of a stove, as the most pressing issue in Malawi is to address the dwindling natural resources).
  - ▶ Affordable and Accessible
  - ▶ Not harmful
  - ▶ Easy to use and aesthetic
  - ▶ Robust
- 

# Why promote cookstoves from a national level?

- ▶ There have been considerable activities working in isolation on the grassroots level, but it is now time to take this to the next level.
- ▶ Government and national engagement in the cookstove sector allows the **ICS activities to become mainstreamed.**
- ▶ Helps to track widespread adoption which address many issues at both the household and country level.
  - Health Issues
  - HAP (Household Air Pollution)
  - Environmental Issues
  - Economic Issues
  - Gender (Women's Empowerment)



# Expected outcomes

- National Cookstoves Steering Committee strengthened & functional
- Cookstove benchmarking and quality assurance mechanisms put in place
- Relevant policy and regulatory framework reviewed and harmonized
- Cookstoves technologies promoted on basis of complying with minimum benchmarks
- National capacity of cookstoves players strengthened
- Delivery models and financial mechanisms for catalyzing mass uptake of cook stoves in place
- Carbon emission savings and fuelwood savings from relevant cookstoves tracked



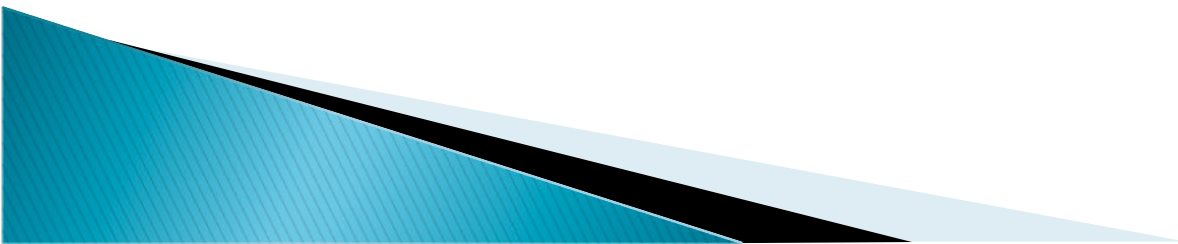
# Efforts underway:

- ▶ Coordinating NGO & private sector engagement in the cookstove industry: there is the NCSC
- ▶ Increasing knowledge sharing and marketing: the Mbaula network
- ▶ Increasing the number of pilots that focus on capturing the impacts of testing, marketing, financing and delivery models:
  - JCED and AREA55 are good examples of successful sub-grantees,
  - Concern Universal
  - ECRP projects
  - TLC Green



# Room for Improvement:

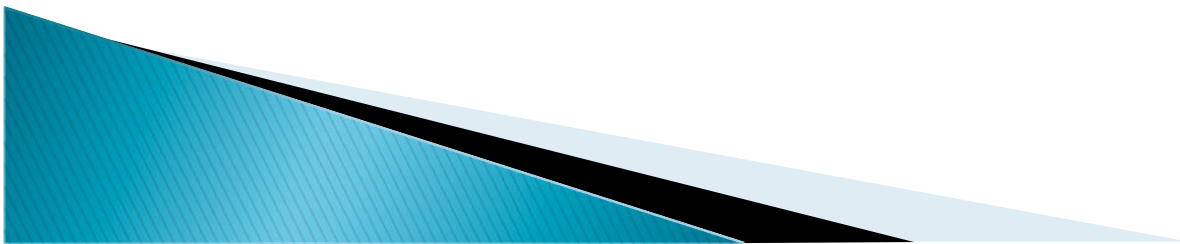
- ▶ Much of the sector to date has been pushed by NGOs → any transition should shift from push to pull and have more private sector engagement
- ▶ Previous projects/programs have focused on production but did not take into consideration performance, marketing and distribution
- ▶ The existing cookstove market/industry lacks coordination and minimal performance criteria





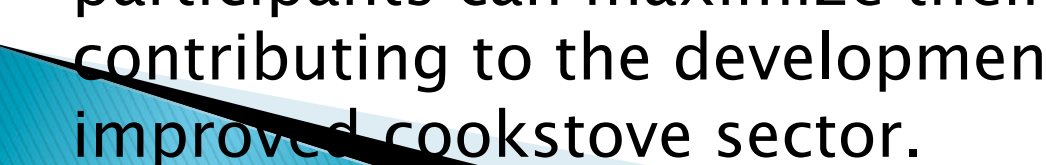
# Room for Improvement cont...

- ▶ With a potential market of 2.71 million cook stoves, considerable expansion and scale is possible compared to the existing cookstove market operations in Malawi.
- ▶ Recent efforts have started to put more focus on the estimated 20% urban population as they are easier to target since they mostly purchase their cooking fuels.
- ▶ Cookstove market in Malawi is underdeveloped especially in rural areas.



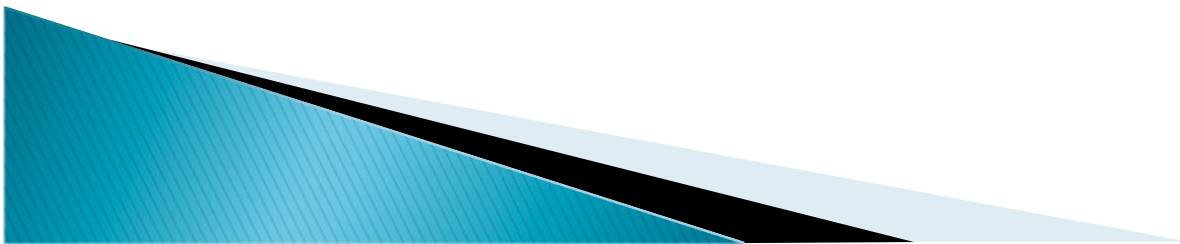


# Next steps

- ▶ With the development of NCT transitioned into the NCSC, Malawi is far ahead of its neighboring countries where cleaner cooking is not a prominent topic yet.
  - ▶ The NCSC will act as a collective voice to strengthen national advocacy and communication for cleaner cookstoves and contribute to shaping relevant policies and frameworks that concern cooking energy and the cookstove sector
  - ▶ The NCSC will help set the agenda and ensure collaboration amongst stakeholders so that all participants can maximize their effectiveness in contributing to the development of a vibrant improved cookstove sector.
- 

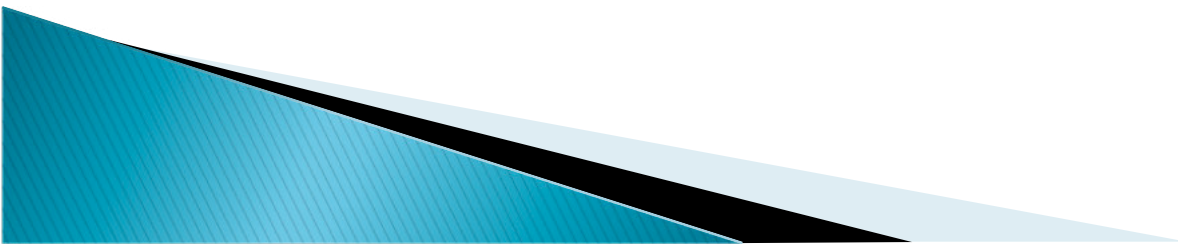
# Next steps cont...

- ▶ It will also take the role of monitoring progress on the road to the goal of 2 Million stoves by 2020.
- ▶ The mapping exercise is in progress and will help in establishing a monitoring system.
- ▶ The roadmap for the dissemination of the 2 Million cookstoves will be launched on Friday



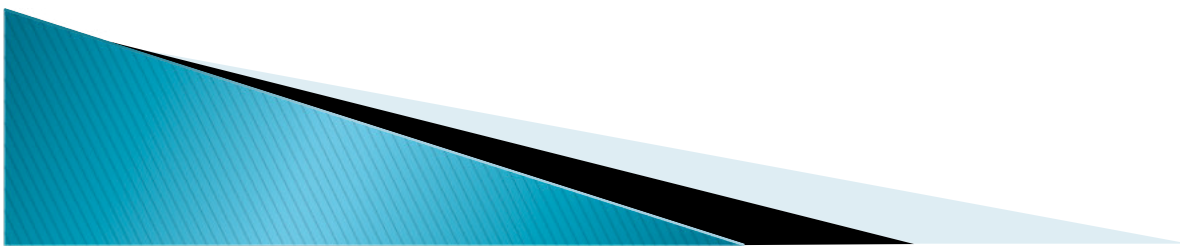
# Factors to consider on way forward

- ▶ In order to obtain the goal, of selling the remaining 1,550,000 stoves in four years, 387,500 stoves on average will need to be sold per year.
- ▶ 310,000 potential end user households of the 387,500 will be located in rural areas/towns and peri-urban environments
- ▶ Integrating the concept of sustainability—being able to develop holistic programs that address energy services and their delivery to the doorstep of households and businesses.
- ▶ The energy service concept doesn't only focus on cookstoves but also the fuel sources.



# urgent interventions to address national cooking energy needs

- ▶ Promoting sustainable charcoal production,
- ▶ Enhancing the energy mix to reduce dependency on solid biomass for cooking,
- ▶ Increased availability and uptake of cookstoves,
- ▶ And increasing the cookstoves' efficiency to reduce fuel consumption rates.
- ▶ Developing a successful cookstove market:



Obligados!!!

