Malawi the Warm Heart of Africa

• 4th poorest country in the world.
• 70% of the population lives on less than $2.15 a day (2019 data).
• 51% of people fail to consume the minimum caloric intake of 2215 calories a day (national poverty rate).
• Rising temperatures, irregular rainfall, and extreme weather....
Trends in Prevalence of Stunting

% Stunted Children U-5s:
- 1992: 55
- 2000: 52
- 2004: 52
- 2010: 47
- 2014: 42
- 2015/16: 37

Still high
FLW in Malawi…

• How much food waste is occurring?
• Does the government have a program to address it?
• What is it? Is it recognised as problem recognition?
• Are there any programs in neighbouring countries?
Specific benefits and potential of reduction of FLW?

51% of people fail to consume the minimum caloric intake of 2215 calories a day….
What are context-specific bottlenecks of progress to achieve the **SDG 12.3** goal by 2030?

- Virtually no data
- No tracking
- No detailed plans yet developed?
- Need a cross-sector committee to work on plan after plan development by a core leadership group.
Mouldy ears at harvest

**Moulds ears @ harvest - 2021**

- # healthy: 64%
- # one third moldy: 11%
- # two third moldy: 8%
- # completely moldy: 17%

**Moulds @ harvest - 2022**

- # healthy: 65%
- # one third moldy: 23%
- # two third moldy: 6%
- # completely moldy: 6%

<table>
<thead>
<tr>
<th>Year</th>
<th>Proportion %</th>
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<tbody>
<tr>
<td>&gt;10ppb Aflatoxin</td>
<td>4%</td>
</tr>
<tr>
<td>&gt;1ppm Fumonisin</td>
<td>38%</td>
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</tbody>
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<tr>
<td>&gt;10ppb Aflatoxin</td>
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<tr>
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<td>75%</td>
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Ngoma et al, 2023
State of technology use in reducing FL

- 23% of the population has never heard of this technology.
- Only 7% use them
Refined Maize Flour Results in 30% Mass Loss

- Majority of the farmers produce maize that last for 6-7 months
- Majority consume refined maize flour resulting to 30% loss
- Whole maize consumption by approximately 2 months.
51% of people fail to consume the minimum caloric intake of 2215 calories a day.
• If any, what lessons/success stories could be applicable for other contexts/regions?

• If any, what policies enable accelerating actions toward FLW reduction in your region/country context?