PROMOTING CATCHMENT MANAGEMENT ACTIVITIES IN THE MIDDLE SHIRE USING TRAINING AND EXTENSION METHODS

PRESENTED AT THE SATOYAMA REGIONAL WORKSHOP IN GHANA 10-12 AUGUST 2015

BY

CECILIA MPHATSO CHAULUKA
Background of the Project

• Project for Community Vitalisation and Afforestation in Middle Shire (COVAMS)
  (From 2007 to 2012)
Training Approach

• Tree Growing (Seedling Production, Direct Sowing, Natural Regeneration, Soil Conservation (Ridge Alignment, Box Ridges, Contour Marker Ridges, Swales)

• Gully Control (Small Scale Check Dams; Sand Bags, Bamboos, Rocks and Logs)

• INCOME GENERATION and SMALL BUSINESS: Bee Keeping, Honey Processing, Vegetable Growing, etc.
Summary of 2011/2012 season

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of villages</td>
<td>244</td>
</tr>
<tr>
<td>Households</td>
<td>33,583</td>
</tr>
<tr>
<td>Extension staff</td>
<td>20</td>
</tr>
<tr>
<td>Lead farmers</td>
<td>1,305</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Outputs</th>
<th>Impact</th>
</tr>
</thead>
<tbody>
<tr>
<td>Training subject</td>
<td>Frequency</td>
</tr>
<tr>
<td>Contour ridge planting</td>
<td>1,545</td>
</tr>
<tr>
<td>Small scale gully control</td>
<td>769</td>
</tr>
<tr>
<td>Tree growing</td>
<td>1,456</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Success of COVAMS

• Honey Sales & Eating
  ⇐ Tree Growing and Income Generation

• Increase in Yields
  ⇐ Soil Conservation

• Provision of Crossing Point
  ⇐ Gully Control
Challenges in Extension

Promote catchment conservation
Larger area/Many people
Short time
Reasonable cost

To cover all catchment area of Middle Shire 735,000 ha
Project for Promoting Catchment Management Activities in Middle Shire (COVAMS II) (From 2013 to 2018)
Policy  Action

Extension
COVAMS approach

District management team

Extension officers

Village Trainers

TOT

training courses

Village Trainers

TOT

Villagers

1st Year

2nd Year

3rd Year and more

Variety of activities
Techniques Involved in the COVAMS Approach

• Tree Growing
Techniques Involved in the COVAMS Approach

• Soil and Water Conservation
Techniques Involved in the COVAMS Approach

• Gully Control
Principles of Training within the Approach

• Utilise Local Instructors and resources
• Take place within a village
• Open to everyone
• Repeated to encourage many residents to participate
### Achievement up to December, 2014

<table>
<thead>
<tr>
<th></th>
<th>Blantyre</th>
<th>Balaka</th>
<th>Mwanza</th>
<th>Neno</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Village targeted</td>
<td>37</td>
<td>60</td>
<td>37</td>
<td>38</td>
<td>172</td>
</tr>
<tr>
<td>Number of LFs &amp; SLFs</td>
<td>600</td>
<td>300</td>
<td>310</td>
<td>490</td>
<td>1,700</td>
</tr>
<tr>
<td>HH targeted</td>
<td>8,807</td>
<td>4,466</td>
<td>4,586</td>
<td>7,199</td>
<td>25,058</td>
</tr>
</tbody>
</table>

Total Cost: MK21.9Million, MK12.9/ LF, → MK873/HH Targeted
Challenges recognised

• Transfer of logistics management for operation
• Securing the operational cost
• Recognition by stakeholders
Thank you

For Better Life, Better Environment