



CROP PROTECTION PROGRAMME

ON-FARM VERIFICATION AND PROMOTION OF GREEN MANURE FOR ENHANCING UPLAND RICE PRODUCTIVITY ON STRIGA INFESTED FIELDS IN TANZANIA

Farmer Groups Strengthening Workshops



Kyela and Matombo 28 November – 15 December, 2005

Project No. R8436

Working paper No. 11

Prepared by

A. M. Mbwaga, ARI Ilonga

J. Kayeke, ARI Uyole

P. Lameck, INADES, Dodoma



December, 2005



GROUP STRENGTHENING WORKSHOPS- KYELA AND MATOMBO 2005

1.0 Background

The project titled On-farm verification and promotion of green manure for enhancing upland rice productivity on *Striga* infested fields in Tanzania have been operating in two Districts, Morogoro rural and Kyela. The project was funded by DFID through Crop Protection Programme (CPP). The objective of this project was to verify and promote the use of green manure to improving soil fertility in order to control *Striga* and improve yield of susceptible crops in low fertile *Striga* infested soils of Morogoro and Kyela Districts. The project covered thirteen villages in which eight villages were in Kyela District. In both districts, the technology was verified and promoted by using farmers research groups. These groups were developed by farmers themselves with the assistance of the extension officers. In order to ensure sustainability and dynamism of farmers research groups workshops were conducted to strengthen these groups before winding up the project.

2.0 Objectives

The objective of the workshops was to strengthen Farmers research groups in order to ensure group dynamism and sustainability when the project comes to the end. The objective was attained by training farmers on the groups dynamics, leadership in the group and group analysis. In addition farmers set strategies to ensure that the groups become sustainable and join National and International Farmer groups network.

3.0 Opening

In each village, the workshop was opened by the representative of District Agriculture and Livestock Development Officer (DALDO). He welcomed all participants and call upon them to make sure what they are learning for the purpose of ensuring sustainability of their research groups. Since the project is coming to the end then the groups must be dynamic and be ready to work with other stake-holders, because it is a national policy to work with groups in all strategies towards poverty alleviation.

4. 0 Presentations

4.1 Group dynamics: Participants learned the following

- What is a group- A group is a collection of people with common goal and common purpose
- Characteristics of the group -It must originate from the farmers themselves
- Importance of groups
 - Provides opportunity of exchanging and sharing of experiences
 - Facilitates a sounding common voice
 - It's a government policy to work with groups
 - It enables members to use collective efforts
 - It gives an opportunity of learning together
 - It creates favorable environment for receiving other projects
 - The groups can be considered for loans and financial assistance
- Leadership:

Chairman: responsibilities of the group chairman are

1. Chairs all group meetings
2. Opening and closing all group meetings
3. Lead group discussions to reach group decisions
4. Call for emergency group meetings

5. He or she has a veto on group decisions when the number of supporters equals the number of those opposes the motion
6. He forms executive committee when a need arises

Secretary: responsibilities of the group secretary are

1. Call for meetings
2. Responsible with all group correspondences
3. Preparation and collection of the agenda for the meeting
4. Reading minutes of the previous meeting
5. Write minutes of all group meetings
6. Keep all group documents
7. Following up all group decisions

Treasurer: responsible with

1. Keeping all group properties
2. Keeping records of all group transactions

Member of the group are responsible with the following

1. Attend all group meetings
2. Contribute in the group meetings
3. Keeping personal records
4. Has the right to vote and contest for any post in the group
5. Fulfill group responsibilities
6. Educate others in the group

Farmer groups network

It is defined as a coalition of farmer groups from the village to the international level.

The advantages of joining the network include the following

-Farmers trainings in their localities and outside the localities the training can be on the leadership, environment, land use and land policy, marketing, gender, lobbying and advocacy.

-Farmers will be provided with opportunities of excursion within and outside the country.

-Farmers will disseminate their information and receive information fromt other farmers through the farmers Newsletter called 'Pambazuko" (Sunrise)

Diagrammatically the network link appears as follows

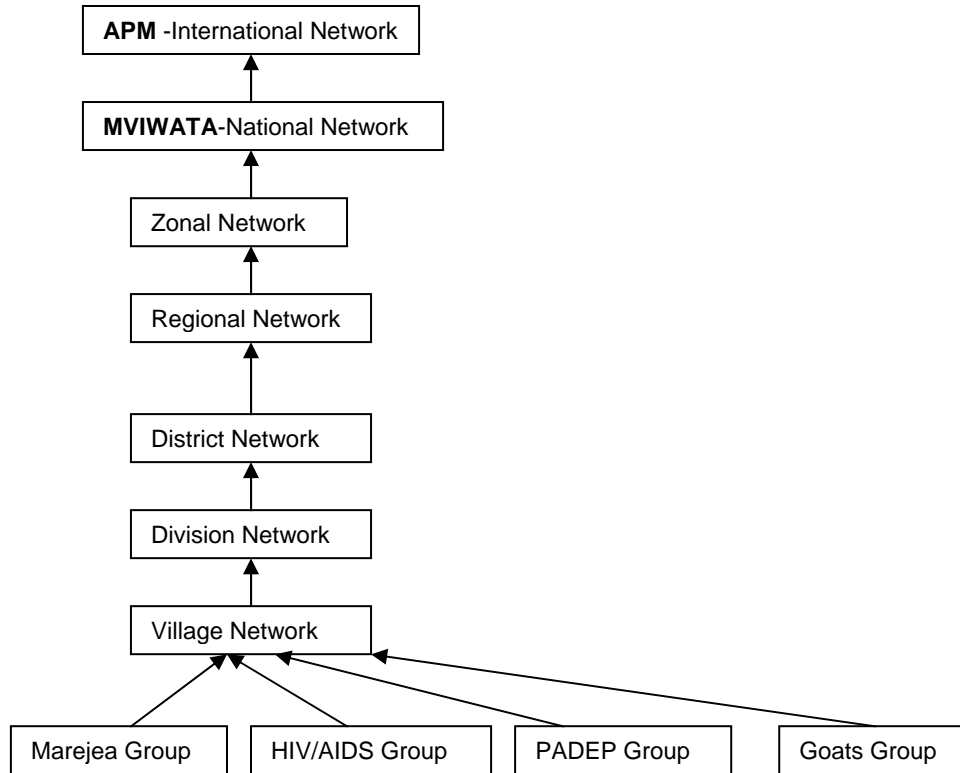


Fig 1: Farmer groups network from village to International level

The diagram shows that farmers groups at village level can form a network which links up to the international level. Currently in Mbeya Region there is a Division network in Igurusi and a District network in Mbozi called MVIWAMBO under the Southern Highlands Zonal network. These networks links to the National network called MVIWATA based in Morogoro.

4.2 Group analysis

4.2.1 Konjula village

| Question | Response |
|-----------------------------------|--|
| Name of the group | Not available |
| When was the group started | 2003 |
| Number of members | 11in the beginning, 9 male and 2 female Currently there 27 members 17 male and 10 women |
| The goal | Improvement of soil fertility in order to control Striga and improving rice and maize yields |
| Terms of leadership | Not defined |
| Registration of new members | Not defined |
| Penalty for mis-conducting member | Not defined |

From the analysis farmers agreed that the group is rated low grade because there is no group constitution, little understanding of member responsibilities as leaders and members. Therefore they set strategies to strengthen their group, form a village network and contact the higher level networks to ensure that the farmers stands at the right platform to address their problems and progress.

4.2.1.1 Strategies

| What to be done | When |
|---|--------------------------------|
| 1. Writing group constitution | 30 th December 2005 |
| 2. Each group member must know his/her responsibilities, responsibilities of other members and be ready to carry his/her duties. Each member must have an exercise book for keeping personal minutes during meetings or notice during training | 5 th December 2005 |
| 3. The Secretary must find a file for keeping all important group information and documents | 30 th December 2005 |
| 4. The group must apply for membership in National farmer group Network | 31 st January 2006 |

4.2.2 Sinyanga village

| Question | Response |
|-----------------------------------|--|
| Name of the group | Not available |
| When was the group started | 2003 |
| Number of members | 10 in the beginning, 9 male and 2 female Currently there 15 members 11 male and 4 women |
| The goal | Improvement of soil fertility in order to control Striga and improving rice and maize yields |
| Terms of leadership | Not defined |
| Registration of new members | Not defined |
| Penalty for mis-conducting member | Not defined |

The analysis of the group rated low grade because the group had no constitution, members had little understanding of their responsibilities. Therefore, the group members set strategies to strengthen their group. In addition, they agreed to form a village network and contact the higher level networks.

4.2.2.1 Strategies

| What to be done | When |
|---|--------------------------------|
| 1. Writing group constitution | 30 th December 2005 |
| 2. Each group member must know his/her responsibilities, responsibilities of other members and be ready to carry his/her duties. Each member must have an exercise book for keeping personal minutes during meetings or notice during training | 6 th December 2005 |
| 3. The Secretary must have a file for keeping all important group information and documents | 30 th December 2005 |
| 4. The group must apply for membership in National farmer group Network | 31 st January 2006 |

4.2.3 Itope village

| Question | Response |
|-----------------------------------|--|
| Name of the group | Kilambo |
| When was the group started | 2003 |
| Number of members | 7 in the beginning, 6 male and 1 female Currently there 18 members 12 male and 6 women |
| The goal | Improvement of soil fertility in order to control Striga and improving rice and maize yields |
| Terms of leadership | Not defined |
| Registration of new members | Not defined |
| Penalty for mis-conducting member | Not defined |

The group is in a process of preparing a constitution in order to improve the group from farmers research group to credit society. Group members were advised to call a cooperative officer so that they will be well informed about the regulations involved in registration. Alternatively, they can decide to register the group as an association under the Ministry of internal affairs. The status of the group was rated moderate. Farmers agreed to form a village network and contact the higher level networks.

4.2.3.1 Strategies

| What to be done | When |
|---|--------------------------------|
| 1. Writing group constitution | 30 th December 2005 |
| 2. Each group member must know his/her responsibilities, responsibilities of other members and be ready to carry his/her duties. Each member must have an exercise book for keeping personal minutes during meetings or notice during training | 7 th December 2005 |
| 3. The Secretary must have a file for keeping all important group information and documents | 30 th December 2005 |
| 4. The group must apply for membership in National farmer group Network | 31 st January 2006 |

4.2.4 Kandete and Ibanda village

| Village | Kandete | Ibanda village |
|-----------------------------------|--|--|
| Question | Response | Response |
| Name of the group | Kandete | Not available |
| When was the group started | 24/8/2004 | 16/10/2004 |
| Number of members | 5 in the beginning, 4 male and 1 female Currently there 10 members 7 male and 3 women | 2 in the beginning, 1 male and 1 female Currently there 9 members 5 male and 4 women |
| The goal | Improvement of soil fertility in order to control Striga and improving rice and maize yields | Improvement of soil fertility in order to control Striga and improving rice and maize yields |
| Terms of leadership | Not defined | Not defined |
| Registration of new members | Not defined | Not defined |
| Penalty for mis-conducting member | Not defined | Not defined |

Both groups had no constitution therefore, they were rated low status. Then both villages agreed to form a village network and contact the higher level networks in the zone and national level.

4.2.4.1 Strategies set by both villages

| What to be done | When |
|---|--------------------------------|
| 1. Writing group constitution | 30 th December 2005 |
| 2. Each group member must know his/her responsibilities, responsibilities of other members and be ready to carry his/her duties. Each member must have an exercise book for keeping personal minutes during meetings or notice during training | 8 th December 2005 |
| 3. The Secretary must have a file for keeping all important group information and documents | 30 th December 2005 |
| 4. The group must apply for membership in National farmer group Network | 31 st January 2006 |

4.2.5 Ngana village

| Question | Response |
|-----------------------------------|--|
| Name of the group | Not there |
| When was the group started | 22/6/2004 |
| Number of members | 5 in the beginning, 3 male and 2 female Currently there 10 members 5 male and 6 women |
| The goal | Improvement of soil fertility in order to control Striga and improving rice and maize yields |
| Terms of leadership | Not defined |
| Registration of new members | Not defined |
| Penalty for mis-conducting member | Not defined |

After assessment, the status of the group was rated moderate. Then farmers agreed to form a village network and contact the high levels farmer group networks.

4.2.5.1 Strategies

| What to be done | When |
|---|--------------------------------|
| 1. Writing group constitution | 31 th December 2005 |
| 2. Each group member must know his/her responsibilities, responsibilities of other members and be ready to carry his/her duties. Each member must have an exercise book for keeping personal minutes during meetings or notice during training | 9 th December 2005 |
| 3. The Secretary must have a file for keeping all important group information and documents | 30 th December 2005 |
| 4. The group must apply for membership in National farmer group Network | 31 st January 2006 |

4.2.6 Ushirika village

| Question | Response |
|-----------------------------------|--|
| Name of the group | Not there |
| When was the group started | September 2005 |
| Number of members | 10 in the beginning, 7 male and 3 female Currently there 11 members 8 male and 3 women |
| The goal | Improvement of soil fertility in order to control Striga and improving rice and maize yields |
| Terms of leadership | Not defined |
| Registration of new members | Not defined |
| Penalty for mis-conducting member | Not defined |

The status of the group was rated low grade due to lack of constitution and other important information. Then farmers agreed to work together to improve their group and contact high level farmer group networks in order to join.

4.2.5.1 Strategies

| What to be done | When |
|---|--------------------------------|
| 1. Writing group constitution | 31 th December 2005 |
| 2. Each group member must know his/her responsibilities, responsibilities of other members and be ready to carry his/her duties. Each member must have an exercise book for keeping personal minutes during meetings or notice during training | 9 th December 2005 |
| 3. The Secretary must have a file for keeping all important group information and documents | 30 th December 2005 |
| 4. The group must apply for membership in National farmer group Network | 31 st January 2006 |

4.2.6 Kilasilo village

| Question | Response |
|-----------------------------------|--|
| Name of the group | Kimbalu |
| When was the group started | October 1997 |
| Number of members | 5 in the beginning, 3 male and 2 female Currently there 26 members 20 male and 6 women |
| The goal | Improvement of soil fertility in order to control Striga and improving rice and maize yields |
| Terms of leadership | Not defined |
| Registration of new members | Not defined |
| Penalty for mis-conducting member | Not defined |

Farmers agreed that the status of the group is low grade. Then farmers agreed to form a village network and contact the high levels farmer group networks.

4.2.6.1 Strategies

| What to be done | When |
|---|--------------------------------|
| 1. Writing group constitution | 31 th December 2005 |
| 2. Each group member must know his/her responsibilities, responsibilities of other members and be ready to carry his/her duties. Each member must have an exercise book for keeping personal minutes during meetings or notice during training | 10 th December 2005 |
| 3. The Secretary must have a file for keeping all important group information and documents | 30 th December 2005 |
| 4. The group must apply for membership in National farmer group Network | 31 st January 2006 |

Kibangile Village

| Question | Response |
|-----------------------------------|--|
| Name of the group | Mapambano |
| When was the group started | October 2002 |
| Number of members | 16 in the beginning, Currently there are 32 members |
| The goal | Improvement of soil fertility and Striga control aimed at increasing rice/maize yields |
| Terms of leadership | Not defined |
| Registration of new members | Not defined |
| Penalty for mis-conducting member | Not defined |

Strategies

| What to be done | When |
|---|--------------------------------|
| 1. Writing group constitution | 31 th December 2005 |
| 2. Each group member must know his/her responsibilities, responsibilities of other members and be ready to carry his/her duties. Each member must have an exercise book for keeping personal minutes during meetings or notice during training | 10 th December 2005 |
| 3. The Secretary must have a file for keeping all important group information and documents | 30 th December 2005 |
| 4. The group must apply for membership in National farmer group Network | 31 st January 2006 |

Konde Village

| Question | Response |
|-----------------------------------|---|
| Name of the group | No name yet- Marejea |
| When was the group started | October 2004 |
| Number of members | 21 in the beginning, Currently there are 12 members |
| The goal | Increase soil fertility by using Marejea and Striga control aimed at increasing rice/maize yields |
| Terms of leadership | Not defined |
| Registration of new members | Not defined |
| Penalty for mis-conducting member | Not defined |

Strategies

| What to be done | When |
|---|--------------------------------|
| 1. Writing up group constitution | 31 th December 2005 |
| 2. Each group member must know his/her responsibilities, responsibilities of other members and be ready to carry his/her duties. Each member must have an exercise book for keeping personal minutes during meetings or notice during training | 10 th December 2005 |
| 3. The Secretary must have a file for keeping all important group information and documents | 30 th December 2005 |
| 4. The group has to apply for membership in National farmer group Network | 31 st January 2006 |

Gozo village

| Question | Response |
|-----------------------------------|---|
| Name of the group | No name yet- Marejea |
| When was the group started | October 2004 |
| Number of members | 17 at the beginning, Currently there are 19 members |
| The goal | Increase soil fertility by using Marejea and Striga control aimed at increasing rice/maize yields |
| Terms of leadership | Not defined |
| Registration of new members | Not defined |
| Penalty for mis-conducting member | Not defined |

Strategies

| What to be done | When |
|---|--------------------------------|
| 1. Writing up group constitution | 31 th December 2005 |
| 2. Each group member must know his/her responsibilities, responsibilities of other members and be ready to carry his/her duties. Each member must have an exercise book for keeping personal minutes during meetings or notice during training | 10 th December 2005 |
| 3. The Secretary must have a file for keeping all important group information and documents | 30 th December 2005 |
| 4. The group has to apply for membership in National farmer group Network | 31 st January 2006 |

Mtombozi Village

| Question | Response |
|-----------------------------------|--|
| Name of the group | No name yet- Marejea |
| When was the group started | May 2004 |
| Number of members | 21 at the beginning, Currently there are 21 members |
| The goal | Increase soil fertility by using Marejea and control of Striga aimed at increasing rice/maize yields |
| Terms of leadership | Not defined |
| Registration of new members | Not defined |
| Penalty for mis-conducting member | Not defined |

Strategies

| What to be done | When |
|---|--------------------------------|
| 1. Writing up group constitution | 31 th December 2005 |
| 2. Each group member must know his/her responsibilities, responsibilities of other members and be ready to carry his/her duties. Each member must have an exercise book for keeping personal minutes during meetings or notice during training | 10 th December 2005 |
| 3. The Secretary must have a file for keeping all important group information and documents | 30 th December 2005 |
| 4. The group has to apply for membership in National farmer group Network | 31 st January 2006 |

Kiswira Village

| Question | Response |
|-----------------------------------|--|
| Name of the group | No name yet- Marejea |
| When was the group started | May 2004 |
| Number of members | 18 at the beginning, Currently there are 25 members |
| The goal | Increase soil fertility by using Marejea and control of Striga aimed at increasing rice/maize yields |
| Terms of leadership | Not defined |
| Registration of new members | Not defined |
| Penalty for mis-conducting member | Not defined |

Strategies

| What to be done | When |
|---|--------------------------------|
| 1. Writing up group constitution | 31 th December 2005 |
| 2. Each group member must know his/her responsibilities, responsibilities of other members and be ready to carry his/her duties. Each member must have an exercise book for keeping personal minutes during meetings or notice during training | 10 th December 2005 |
| 3. The Secretary must have a file for keeping all important group information and documents | 30 th December 2005 |
| 4. The group has to apply for membership in National farmer group Network | 31 st January 2006 |

4.3 General Observation

- In the groups, Leaders and group members were not aware of their responsibilities and responsibilities of their colleague, hence poor performances of the group due to poor handling of the responsibilities. On the other hand, members and leaders were not aware of their rights in the group.
- All groups had no constitution hence chaos in running the group that resulted from chaos in leadership and the membership of the group.
- Groups have no treasures for keeping group properties and document all group transactions.
- Secretaries of the groups did not have a proper way of keeping group documents and minutes of all meetings, at the same time meetings were convened haphazardly due to lack of schedule.
- Group members were not aware of the farmer group networks available at national and international level, and how to join them.
- There some groups which were planning to go a step ahead to form financial institutions but they were not aware of the advantages and disadvantages of forming credit societies under the Ministry of Co-operatives and Markets or associations under the Ministry of Internal affairs.

4.4 Suggestion

Group strengthening is very important to ensure sustainability of the groups therefore it was supposed to be done earlier so that groups would be monitored in the early stages of development. Since this was done at the end of the project we suggest a follow up to be done in order to assist where the groups would fail to progress.

Strategies for 2005/06:

Kyela: To expand the technology to 21 villages, seminars will be conducted to lead farmers 10 from each village making a total of 210. The district has allocated 8mio. shillings for this exercise.

To expand the technology to other two wards which are Lundi and Tawa

Lundi: 4 schools
4 villages

Tawa: 6 schools
6 villages

Attendance Kyela:**Researchers**

Dr A. Mbwaga - ARI Uyole

Dr J. Kayeke - ARI Uyole

Mr P Lameck - INADES Dodoma

Extension Officers

H. Mwangosi - Ward extension Officer

M. Mwampaja - DALDO Office

C. Mwaipopo - Village Extension Officer

E. Nyato - Village Extension Officer

Participating farmers**Konjula Village****Sinyanga Village**

| Name | Responsibility |
|------------------|----------------------|
| Adam Ndaba | Chairman |
| Israel Mwaijande | Village Exc. Officer |
| Lyson Kalenge | Member |
| David Mwaipaja | Member |
| Said Njetile | Member |
| William Saiba | Member |
| Michael P Kawilo | Member |
| Bosco Njetile | Member |
| Atupele Ndongala | Member |

Itope Village

| Name | Responsibility |
|------------------------|----------------|
| Yusufu Kayui | Chairman |
| Edward Mwang'onda | Secretary |
| Mwema Hamis | Member |
| Lyson Kayuni | Member |
| Christopher Mwaisabila | Member |
| Rehema Mwalaba | Member |
| Esnat Kasanga | Member |
| Tide Nakamwela | Member |
| Sofia Nakamwela | Member |

| | |
|----------------------|--------|
| Fatuma Hamis | Member |
| Jimmy Mwakibinga | Member |
| Hamis Mwema | Member |
| Andengeny Mwantwango | Member |
| Amulike Mbukwa | Member |

Kandete and Ibanda Village

| Name | Responsibility |
|---------------------|-----------------------|
| Juma Chipeta | Ibanda |
| Baraka Mwakibete | Ibanda |
| Doris Namte | Kandete |
| Boniface Kajuni | Kandete |
| George Kafuko | Ibanda |
| Asubile Kabuje | Kandete |
| Anusisye Bernad | Kandete |
| Zuberi Fungo | HeadTeacher Kandete |
| Enock Mwambene | Ibanda |
| Lodrick Silomba | Kandete |
| Anderson Kasenga | Kandete |
| Jafet Mabifu | Kandete |
| Ernest Nakabonga | Kandete |
| Atu Mwambungu | Kandete |

Ngana Village

| Name | Responsibility |
|---------------------|-----------------------|
| Stanley Shimwela | |
| Andondile Mbisa | Chairman |
| Miswell Kanyeka | Member |
| Tungapesya Mullungu | Member |
| Amulikile Mbukwa | Member |
| Nangson Kandonga | Member |
| Tuganigwe Mbukwa | Member |
| Emanuel Mbalwa | Member |

Ushirika Village

| Name | Responsibility |
|-------------------|-----------------------|
| Watson Kalagho | Chairman |
| Afiusisye Mshani | Secretary |
| Zabron Kyamba | Member |
| Lydia Kalinga | Member |
| Adam Mkese | Member |
| Wilfred Shimwela | Member |
| Atupakisye Lupasa | Member |

| | |
|------------------|--------|
| Shida A. Msyani | Member |
| Moses Mwamengo | Member |
| Witness Nambwaga | Member |
| Ketson Mbwaga | Member |

Kilasilo Village

| Name | Responsibility |
|------------------------|-------------------------|
| Asegelisye Mwaseba | Chairman |
| Erasto Mwaipopo | Secretary |
| Sankey Lameck Kandonga | Member |
| Njoka Mwakalago | Member |
| Barnard Swila | Member |
| Amani Mwandenuka | Member |
| Saidia Mwakafyju | Member |
| Kibatika Mwandenuka | Member |
| Lyson Syola | Member |
| Jail Mwakatage | Member |
| Albert Mwakanyasi | Member |
| Ester Kubali | Member |
| Alfred Mwandenuka | Member |
| Sinyangile Nambisa | Member |
| Christopher Mpangala | Teacher-Mbakao P school |
| Edwin Mpayo | Teacher-Mbako P school |

Attendance Matombo

E. Masangya –DALDO Office
G. Timothy – Ward secretary
H. Kisumo – Village extension officer
Patrick Lameck – INADES Dodoma
A.M. Mbwaga - ARI Uyole

Kibangile village

| Name | Responsibility |
|----------------------|-----------------------|
| Filbert Roman Mbega | Group Chairman |
| Hatibu Yahaya Luanda | Deputy Secretary |
| P. Mohamed | Treasury |
| Pili Ally | Member |
| Hadja Salum | Member |
| Jumanne R. Mpeka | Member |
| Ahamad A. Dulege | Member |
| Ally S. Kidunda | Member |
| Abdul Ally | Member |
| Ramadhani Bakari | Member |
| Salehe Ahamadi | Member |
| Juma R. Mkombo | Member |
| Fatuma Saidi | Member |
| Fadhili H. Kilusu | Member |
| Peter Romani | Member |
| Angel Alloys | Member |
| Matrida Said | Member |
| Veronica William | Member |
| Josephina Pryson | Member |
| Sphania John | Member |
| Salum A. Mizambwa | Member |
| Yahaya S. Mnyani | member |
| Rashid Chamkali | Member |

Konde Village

| Name | Responsibility |
|--------------------|-----------------------|
| Verestian Msawanga | Group Chairman |
| Vareli Senyagwa | Group Secretary |
| Karolina Paulo | Member |
| Janet Vareli | Member |
| Gaspari Simoni | Member |
| Vareli Fabian | Member |
| Patrick Mbena | Member |
| Yovin John | Member |

Gozo Village

| Name | Responsibility |
|---------------------|----------------------------|
| Vilimati J. Luvumo | Member |
| Rogata Adreas | Secretary |
| Lucas M. Nyalangule | Member |
| Zakaria Isdori | Member |
| Rudovick Kadenguka | Member |
| Eugen J. Kebasila | Member |
| Fadhili Iddi | Village chairman |
| Gabriel Mkumbo | Member/ Pr. School teacher |
| Nemes Mng'ande | Member |
| Suzana John | Member |
| Jeromi Sebastini | Member |
| Tasiana Johakimu | Member |

Kiswira village

| Name | Responsibility |
|------------------------|-----------------------|
| George Mkami | Group Chairman |
| Adolf Mawango | Group Secretary |
| Germana Peter | Member |
| Albertina Thomas | Member |
| Emma Mwenda | Member |
| Wilvina Dimosso | Member |
| Lyidia John | Member |
| Michael Roman | Member |
| Anna-Maria Paulo | Member |
| Veronica Dominick | Member |
| Patrick Francis | Member |
| Otto Mzeru | Member |
| Kate Daudi Mdachi | Member |
| Deodathis Daru Francis | Member |
| Hassani Mohamed | Member |