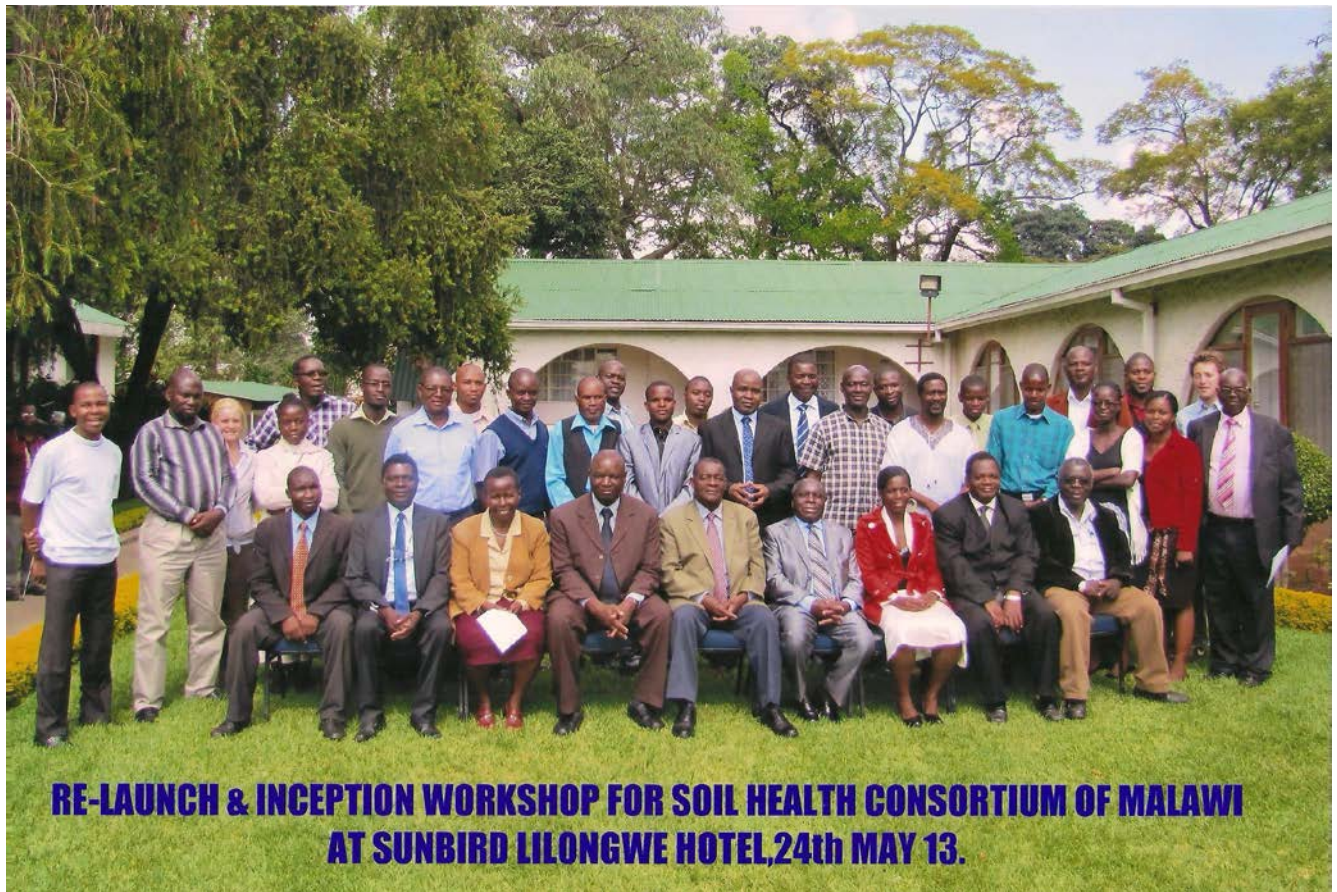




PROCEEDINGS -SOIL HEALTH CONSORTIUM OF MALAWI (SoHCoM) INCEPTION WORKSHOP



24th May 2013

COMPILED BY: The Secretariat, Soil Health Consortium of Malawi, Lilongwe University of Agriculture and Natural Resources (LUANAR), P.O. Box 219, Lilongwe, Malawi. Email: soilhealthcom@gmail.com; kabambev@yahoo.com .

Lilongwe Sunbird Hotel

Introduction

This report is a summary of key issues that transpired at the Inception Workshop (re-launch) of the Malawi Soil Health Consortium which was held at Sunbird Lilongwe Hotel on 24th May 2013. The workshop was officially opened by a representative of the Secretary for Ministry of Agriculture and Food Security (MOAFS), Dr Mtukuso. After the opening session, there was a tour of the displays, several presentations and a plenary session. The participants were drawn from a wide spectrum as shown in Annex 1.

Objectives of the workshop

1. To review the activities of SoHCoM as per approved project document by AGRA
2. To have renewed commitment by members, accept new members and confirm members roles of the action groups
3. To give chance to members to comment / review details of the work plans in the project document.

Opening session

The opening session was presided by the Guest of Honour, representative of the Secretary for Ministry of Agriculture and Food Security (MOAFS). In his speech he stated that the Malawi Government Policy is to increase yield per unit area as the performance of the agriculture sector has an impact on growth of the Malawi economy. Therefore poverty can be reduced through increased agriculture production. The agriculture production constraints highlighted were diseases, pests, weed problems and access to seed especially legumes. Soil fertility management can reduce yield losses. The consortium was earlier launched in 2010, but operations were limited due to funds problem. AGRA has now funded it. It is therefore hoped that productivity would increase by ISFM. He further stated that agriculture productivity projected to increase by 15 % by 2050. Since N availability is essential the technologies developed for soil fertility improvement should be used. The consortium will facilitate information on soil fertility management to be shared among farmers. Displays on ISFM were toured after the guest of honour's speech.

The representative of the Vice Chancellor of LUANAR, Dr Lowole, presented welcome remarks before inviting the Guest of Honour to speak. In his remarks, the Vice Chancellor's representative expressed gratitude for those present. He also congratulated Dr V.H. Kabambe for securing a grant for the consortium. The background and strategies of the consortium were presented. It was stated that the goal of the consortium is to improve crop productivity through improved soil fertility via information availability made by the consortium. The consortium will disseminate profiles of ISFM technologies, policy briefs, fliers, technical briefs, etc. MOAFS is in the fore front in agricultural improvement through FISP, Presidential initiative for legumes, one cow per family. He informed members that the consortium had over 50 members registered then, including bankers, journalists, seed and commercial practitioners.

The speeches are in the Annex.

Presentations

The full presentations are attached.

Dr Wezi Mhango

The presentation by Dr Mhango informed participants of the List of ISFM promoter (Annex 2), project sites and contact addresses compiled and circulated to registered members. She further highlighted the constraints being addressed, the ISFM technologies being implemented and the sources of information and information sharing.

Ms G. Kambauwa

The presentation by Ms Kambauwa from the Land Resource Department of MOAFS highlighted the nation's vision to reduce land degradation while providing efficient and diversified services to land users. The policy goal is to promote efficient, diversified and sustainable land use. She further listed outputs and projects in the department.

Comments from the participants on the presentations by Mhango and Kambauwa

Participants commented that the consortium will take on the challenges faced by the Malawi nation. Soil health should rank as a priority area for the nation. Food levels in the community due to challenges faced are low and soil health should really address the problems.

Participants asked if there are any consortiums in SADC which have worked and can act as examples and if there is a Malawi national policy that fits in to address this. There was a further comment from participants that people working at districts were unable to provide information on various interventions by various NGOs.

The response to the question about other consortiums was that two consortiums headed by concern universal were present and the Africa consortium. People/ NGOs were expected to respond to the advert in the news to register as members of the consortium. It was further noted that technologies out there are being quoted for different objectives and therefore different technologies of ISFM. For example the CSA referred to as climate smart agriculture is the CA.

Other comments were on existing challenges on water conservation and that the nation's aim should be to get the water reservoirs working. Water harvesting should be given some priority. Also that project sites need be mapped. Policy which we want to reach ourselves is 'do we think if people concentrated in ISFM areas it would make more / better impact? There is need to incorporate a diversity of stakeholders in order to come up with a comprehensive policy.

The concluding remark on the two presentations was that the pace of consortiums is very slow and should be improved.

Plenary session

The participants were divided into three groups to observe and discuss the display material messages and see what was new and what was missing in the ISFM information displayed.

Groups observations

Goup 1

1. Combined organic manure was thought to be new.
2. Contour marker ridges were missing.
3. There were a lot of soil data collected on CA and this was a new revelation.
4. Amount of water conserved due to fertility management is missing
5. Priority areas to generate research on ISFM – not identified.

Group 2.

1. ISFM programme that was new was on witch weed control
2. Missing details on technology on weed control and insect management
3. No new information
4. No insect pest management
5. no priority.

Group 3

1. This group did not see a new item.
2. Manure- livestock improvement was not there as manure gotten from livestock
3. Soil and water conservation is missing.

General observations on displays

- Look at recommendations for compost manure vis a vis farmyard manure.
- A lot of material but all in English, important to put some in Chichewa as the target farming population may not all understand English.
- No comparative data when comparing organic and inorganic materials.
- Training manual very all encompassing, that was fairly new and educative.
- Presence of a journal
- Only two institutions provided the displays.
- Major comment, no poster brought by participants.

- Little information on Liming. Most soils are now acidic in Malawi, therefore there is need to reverse the acidity.
- Important to share results to the consortium.
- Educational materials to be translated into material understandable by anyone.
- Improve nutrition, improve on displays
- Two organizations displayed.
- Let there be space for more displays
- Role of the participants in the consortium.

Presentation by Dr Kabambe

The overview of Soil Health Consortium, work plan and working groups were presented. This presentation stirred people to the comments and questions below.

Question : Explain how the five working groups came up.

Answer: based on profession and ability to deliver.

- Moses Munthali was DARs at that time
- Working group chairmanship need be changing and not permanent.
- Consortium members should act now.
- Consortium should not be just GOM but a mixture with NGOs and statutory bodies.

Participants suggested that members of the action groups be nominated during the inception workshop and are as below:

ACTION GROUPS

Participants nominated and volunteered to be in various action groups.

Group 1: Research and Extension and capacity building

Dr Chilimba was proposed to be the chair (i.e. convener) for this working group

The alternate chair is Mr Mahara Nyirenda –Norway organisation.

Lead Dr A Chilimba

Alternate: Mr M Nyirenda

Members:

1. C.D. Mwale DARS
2. M.E. Chigowo LRCD BT
3. Amos Ngwira DARS

4. ARET – Contact John Nyanguru
5. James Mlamba LRCD LL
6. Wycliffe Kumwenda NASFAM
7. Limson Kaludzi MOGA
8. Lester Botomani DARS

Group 2: Knowledge management/ communication and monitoring and evaluation (CDHI)

- Chair: Mr Austin Ngwira
- Alternate: Mr Kukunda
- 6 MEMBERS
 1. Chisomo Kamchacha (Kusamala Institute)
 2. Fred Nyirenda LRC
 3. Sann Jali Foundation for Youth Empowerment
 4. Trust Donga LUANAR

Group 3.

Convener: CISANET

Alternate: Stanley Chitukwi

1. William Chadza CEPA
2. Milward Tobias MEJN
3. Emily Thera-Luwanda

Group 4. Resource mobilisation

- Lead: Dr V Kabambe

Alternate: Mr Makhole – Malawi Youth Coalition for climate change

- 4 members
 1. Paul Jere (Foundation for active civic edu)

2. Anne Soko (Henwood foundatn)
3. Wezi Mhango (LUANAR)
4. Jim Goodman (Exagris Africa LTD)
5. Patson Nalivata LUANAR

Group 5. Marketing

- Convener: Ms Mwakansungula

Alternate: Dickson Mchiliko

3 members

1. Andrew Kanyerere (cise malawi)
2. Linet Chatsika (TAPP)
3. Stanley Chitukwi (OSSEDI Malawi)

Work plan outputs discussion

Output 3a

1. Mile stone: workshop, July 2013 to March 2014, coordinator
3. March: policy group
4. June 2013-May 2014
5. May 2014 coordinator

Output 3b

1. Organizing workshops and field days in February secretariat
2. Training sessions with train of trainers August to September
3. Adverts, November, secretariat and communication and marketing group.
4. Share results, website to access info, emails, publications, secretariat to liase with organisations to produce results.

Output 2 b.

PLANNED ACTIVITIES	MILE-STONES	TIME FRAME	RESPONSIBILITY	COST usd
Outputs 2:				
2.1 Shared knowledge of ISFM activities via newsletter	News items gathered Newsletter distributed	Year 1	Communication WG	
2.2 Shared knowledge of ISFM via fliers	Flier items gathered Fliers formulated Fliers disseminated	Year 1	Communication WG	
2.3 Shared results, protocols and experiences via annual meeting	Meeting conducted	Year 1	Coordinator, Resource WG	
2.4 Consortium existence & products widely disseminated in different flora	Dissemination meeting conducted Field days conducted Reports	Year 1	Coordinator, Research & Research WGs	
2.5 ISFM options exposed via website	Consultant engaged	Year 1	Communication, Resource WGs	
2.6 ISFM information integrated into regional perspective	Networking Data bank interconnection established	Year 1	Communication WG & Coordinator	

Comments on workplan

- a) ISFM doc to be produced annually
- b) continuous time frame
- c) regional ISFM documents should be produced annually
- d) Fliers produced after 3 month
- e) Consortium can be used as a platform for formalizing papers that can be published into international publications. Thus expanding circulation. Info is not circulating enough.
- f) BSc students info in theses and computers to be published thru consortium
- g) ISFM symposium with high level presentations
- h) Posters need be prepared for effective communication especially to farmers
- i) Info packaging is important.
- j) **ISFM symposium** organized for dissemination of results and engaging with policy makers
- k) ISFM practitioners to produce **posters** to summarize key information for different stakeholders including farmers. Include “good” pictures about the ISFM technologies and key messages.
- l) **Write workshop:** the consortium should organize short training on writing publication/papers for different stakeholders.
- m) Dissemination/communication:
- n) There is a lot of good materials for publications. Members should use the consortium to publish the results.
- o) Research work by BSc students should be published
- p) Training manuals/publications: Translation of information in user friendly languages

5.0 WAY FORWARD AND CLOSING REMARKS

In his remarks on way forward, the coordinator requested working groups to try and work on-line in planning their work to plan for releasing activity plans before the next rainy season. The project activities started in February instead of July. Partners with nice fields or demonstration in ISFM which you feel people can see then you communicate with us. Participants were urged to register to be on our mailing list.

Gratitude expression for commitments. The coordinator expressed happiness that members appreciated that members have understood what the consortium is about. More grants can be sought and more things done. He explained that Department of land resources and conservation is the host Department in the Ministry of Agriculture. Chairman apologized for late starting and ending late and thanked the participants for being a great group, committed, up to end. The coordinator thanked the participants for all the comments on the work plan. The work plan would be consolidated and discussed with the working groups. The consortium will facilitate all the planned activities according to the budget. People were asked to feel free to communicate.



**OFFICIAL OPENING
SPEECH FOR THE INCEPTION WORKSHOP OF THE SOIL HEALTH CONSORTIUM
OF MALAWI (SoHCoM)**

By

SECRETARY FOR AGRICULTURE AND FOOD SECURITY

DR. JEFF H. LUHANGA

AT

SUNBIRD LILONGWE HOTEL

24TH MAY, 2013

- Director of Ceremonies,
- The Vice Chancellor, LUANAR, Prof. George Kanyama Phiri;
- The Country Coordinator for Soil Health Consortium of Malawi, Dr. Vernon Kabambe;
- The Deputy Director of Land Resources Conservation Department, Mr. J.L. Banda;
- All Directors from the Ministry of Agriculture and Food Security or their representatives present here
- All Directors from Government Departments or their representatives present here;
- All Representatives from the Private Sector and NGOs involved in Soil Health present here;
- The Programme Managers, Lilongwe ADD and all staff accompanying,

- Members of the Press

- Distinguished Participants,

- Ladies and Gentlemen,

I feel greatly honoured to be here with you this morning and preside over the opening ceremony of the re- launch and Inception workshop of the Soil Health Consortium of Malawi (SoHCoM) which is a grouping of stakeholders along the soil health value chain which will coordinate and harmonize the efforts to develop and promote content – specific packaging of integrated soil fertility management (ISFM)

technologies currently promoted by various research and outreach projects supported by government and development partners for sustainability and impact.

2. Before I go further, allow me to extend my warm welcome to all participants to Sunbird Lilongwe Hotel here in Lilongwe and wish you all fruitful deliberations. Through you, I would also like to thank your various organizations and institutions for nominating and allowing you to come and participate in this workshop.
3. Let me also recognize the joint coordination in implementation of the activities of the Consortium which is by the Ministry of Agriculture and Food Security (MoAFS) through the departments that have the mandate to coordinate ISFM research and dissemination (Departments of Land Resources Conservation and Agriculture Extension Services) and Lilongwe University of Agriculture and Natural Resources (LUANAR) through Bunda College which is the secretariat for the Consortium.
4. Director of Ceremonies, distinguished delegates, ladies and gentlemen, poor and declining soil fertility is a major constraint to crop production. Other constraints include diseases, pests and weed control. To address the problem of low soil fertility, the Government of Malawi (GoM) through the Ministry of Agriculture and Food Security (MoAFS) started implementing the Farm Input Subsidy Programme (FISP) | 2005/06 season and has continued to the present time. In this programme farmers have access to fertilizer, maize and legume seed at very low prices. This policy was a follow up to extensive research findings that led to the development of area specific

fertilizer recommendations along with a range of maize and legume based cropping patterns for integrated soil fertility management. The policy of government is to increase yield per unit area in order to meet increasing demand for the growing population and release land for other food and cash crops. This is important to our country because as you all know agriculture is the single most important sector for the economy of Malawi. The sector contributes nearly 40% of the Gross Domestic Product (GDP), employs almost 90% of the population and brings in over 80% of foreign earnings through exports. The performance of agriculture therefore has a strong influence on the rate of economic growth for the country.

5. The role of the sector is well recognized in the Malawi Growth and Development Strategy (MGDS II) which emphasizes on national economic growth through productive sectors while maintaining and improving the efficiency of spending on the social sectors. To achieve this strategy, the agriculture sector is one of the key pillars of growth because increases in agricultural productivity have been proven to result in substantial reduction in poverty. The MGDS further states that in order to attain sustainable economic growth through this pillar, there is need to ensure optimum and ecologically balanced use of land and land based resources. Promoting the integrated soil fertility management technologies is one way of attaining these objectives.
6. Ladies and Gentlemen, the objectives of the Consortium are to furnish current and new Integrated Soil Fertility Management (ISFM) extension service providers with information on a range of ISFM technologies, equip practioners with skills to design ISFM practices for their projects and facilitate sharing among the community. I am aware that the Soil Health

Consortium is supported by the Alliance for a Green Revolution in Africa (AGRA) and that it was launched in 2010 and but operated at low level due to lack of funding but now a grant has been provided by AGRA to enable the Consortium implement its activities . I wish therefore to express my gratitude to AGRA for providing the funding and the International Plant Nutrition Institute (IPNI) for supporting coordination of the various Consortia in the region including our own.

7. Director of Ceremonies, Ladies and Gentlemen, I am reliably informed that the focus of the Consortium will be to reach out to all extension agents promoting ISFM in the country with options that can improve the efficiency of current practices such as FISP, the Presidential Initiatives targeting the sector and others. The approach aims to harness synergy from its members. The operationalization of the Consortium is envisaged to increase productivity by among other things directly enhancing the capacity of ISFM planners to formulate and promote context specific packages; directly improve the technical efficiency of fertilizer use in the FISP; upscale isolate but important best-fit practices for problem soils or special socio-economic domains; directly influence policy decisions in composition, marketing and distribution of ISFM products at national and district levels; directly integrate regional and national research into ISFM packaging by ISFM implementing agents; integrate gender and socio-economic backgrounds into best-fit ISFM innovation and indirectly increase smallholder farmers' yields and livelihoods.
8. Director of Ceremonies, Distinguished delegates, ladies and gentlemen, Agriculture in developing countries needs to undergo a significant

transformation in order to meet the related challenges of achieving food security and responding to climate change. Projections based on population growth and food consumption patterns indicate that agricultural production will need to increase by at least 70 percent to meet demands by 2050 (FAO,2010). Most estimates also indicate that climate change is likely to reduce agricultural productivity, production stability and incomes in some areas that already have high levels of food insecurity. Preserving and enhancing food security requires agricultural production systems to change in the direction of higher productivity and also, essentially, lower output variability in the face of climate risk and risks of an agro-ecological and socio-economic nature.

9. The availability of nitrogen and other nutrients is essential to increase yields. This can be done through composting manure and crop residues, more precise matching of nutrients with plant needs, controlled release and deep placement technologies or using legumes for natural nitrogen fixation. Using methods and practices that increase organic nutrient inputs, retention and use are therefore fundamental. Management of soil fertility and organic matter, and improvement of the efficiency of nutrient inputs, enables more to be produced with proportionally less fertilizers. It also saves on energy use in farming and reduces emissions from the burning of crop residues. Moreover it helps sequester carbon in soil.

10. Ladies and Gentlemen, I am also informed that through this Consortium, a database or catalogue of ISFM research results, innovations in practice or on-shelf, will be assembled and synthesized to come up with harmonized

best-fit options. These will further be disseminated to partners' innovative approaches.

11. I would like to commend the organizers of the workshop which will be discussing issues which are in line with the priorities of government at the moment. I am pleased to note that a number of presentations have been lined up to share country wide experiences on how ISFM practices can be scaled up in the country. It is my hope that by the end of the workshop, you will develop strategies on how to scale out these practices through information generation, management and dissemination in order for farmers to maximize their benefits from the farming business.
12. Allow me once again to thank all of you for coming to attend this workshop. Let me also thank AGRA for funding the workshop. I would also like to thank the organizing team for work well done.
13. It is now my singular honour and pleasure to declare the Soil Health Consortium for Malawi officially re-launched.
14. I thank you for your attention and may God bless you all.

Hosted by Bunda College, supported by AGRA

WELCOME REMARK BY VICE-CHANCELLOR'S REPRESENTATIVE ON THE RE-LAUNCH AND INCEPTION FOR THE SOIL HEALTH CONSORTIUM OF MALAWI (SOHCOM)

THE DIRECTOR OF CEREMONIES OR CHAIRPERSON OF THE WORKSHOP, MR JL BANDA

THE GUEST OF HONOUR, THE PS FOR AGRICULTURE AND FOOD SECURITY, DR J LUHANGA

THE DIRECTOR OF LAND RESOURCES AND CONSERVATION OR HIS REPRESENTATIVE

THE VICE CHANCELLOR OF LUANAR OR HIS REPRESENTATIVE

ALL DIRECTORS IN THE MINISTRY OF AGRICULTURE OR YOUR REPRESENTATIVES

THE COORDINATOR OF SOIL HEALTH CONSORTIUM OF MALAWI

REPRESENTATIVE OF THE CG CENTRES

ALL NGOS REPRESENTED HERE

REPRESENTATIVES OF PROGRAM MANAGERS

MEMBERS OF THE PRIVATE SECTOR

MEMBERS OF THE SOIL HEALTH CONSORTIUM OF MALAWI, SoHCoM

MEMBERS OF THE PRESS

DISTINGUISHED GUESTS

LADIES AND GENTLEMEN

OUR GUEST OF HONOUR, THE PS FOR AGRICULTURE AND FOOD SECURITY, MY HUMBLE DUTY TODAY IS TO WELCOME YOU TO THIS FUNCTION FOR THE RE-LAUNCH OF THE SOIL CONSORTIUM OF MALAWI, HOSTED BY BUNDA COLLEGE, AND ALSO TO OPEN ITS INCEPTION WORKSHOP. INDEED, YOUR GUEST OF HONOUR, THE LILONGWE UNIVERSITY OF AGRICULTURE IS HAPPY THAT YOU HAVE BEEN ABLE TO COME HERE AMIDST YOUR VERY BUSY SCHEDULE. FOR US, THIS DEMONSTRATES YOUR COMMITMENT TO

COLLABORATIVE PARTNERSHIP BETWEEN US AND THE MINISTRY, AND ALSO HELPS TO REGISTER THE MINISTRY'S RECOGNITION OF THE CONSORTIUM. THEREFORE, ON BEHALF OF BUNDA COLLEGE, THE COORDINATION UNIT, AND ALL MEMBERS, I WELCOME AND THANK YOU FOR COMING.

AS A BRIEF BACKGROUND, I WISH TO REPORT TO YOU THAT BUNDA COLLEGE WAS ELECTED TO LEAD THE COORDINATION BY MEMBERS OF THE CONSORTIUM DURING ITS FIRST MEETING IN JUNE 2010. SINCE THEN, THE COORDINATOR HAS BEEN WORKING WITH AGRA TO SECURE PROJECT GRANT TO SUPPORT THE ACTIVITIES OF THE CONSORTIUM. THIS HAS EVENTUALLY TAKEN PLACE, HENCE THE RE-LAUNCH AND INCEPTION WORKSHOP TODAY.

THE GOAL OF THE CONSORTIUM IS TO INCREASE CROP PRODUCTIVITY IN MALAWI THROUGH IMPROVED DELIVERY OF INTEGRATED SOIL MANAGEMENT (ISFM) PRACTICES, FACILITATED BY THE COHERENT EFFORTS OF THE CONSORTIUM. THE CONSORTIUM IS NOT A RESEARCH ORGANISATION, RATHER, IT IS THERE TO FACILITATE ACHIEVEMENT OF A COMMON GOAL. SOME OF THE DELIVERABLES OF THE CONSORTIUM ARE WIDER ACCESS TO ISFM TECHNOLOGIES (ISMTS), DEVELOP AND DISSEMINATE PROFILES OF ISMTS, IMPROVE CAPACITY TO DESIGN CONTEXT-SPECIFIC ISMTS, PUBLISH CATALOGUE OF ISFM PROMOTERS, SUITABILITY MAPS, POLICY BRIEFS, TECHNICAL BRIEFS, FLYERS, TRAVEL WORKSHOPS, NEWSLETTERS, WEBSITE RADIO & TV DOCUMENTARIES, ISFM DATA BASE, ANNUAL SHARING WORKSHOP.

THE CONSORTIUM IS PARTICULAR HAPPY TO NOTE THAT THE MINISTRY OF AGRICULTURE IS ALREADY IN THE FOREFRONT IN THIS REGARD, THROUGH THE VARIOUS INITIATIVES SUCH AS FARM INPUT SUBSIDY PROGRAM, THE GREEN BELT INITIATIVE, ASWAP, PRESIDENTIAL INITIATIVE ON LEGUMES. ALSO EVEN THE ONE COW A FAMILY INITIATIVE COUNTS AS AN ISFM STRATEGY. THUS, THE ROLE OF THE CONSORTIUM WILL BE TO COMPLEMENT THESE EFFORTS, AND HELP ITS MEMBERS TO DESIGN CONTEXT SPECIFIC APPROACHES TO UTILISE THESE OPPORTUNITIES FOR OPTIMUM WATER AND FERTILIZER USE EFFICIENCIES, GUIDED BY RESEARCH RESULTS AND MODELING.

THE CONSORTIUM HAS OVER 50 REGISTERED MEMBERS, WITH THE MEMBERSHIP GROWING EVERY DAY. MEMBERSHIP OF THE CONSORTIUM IS CROSS CUTTING, CAPTURING ALL PLAYERS OF THE VALUE CHAIN, INCLUDING RESEARCHERS, BANKERS, FERTILIZER TRADERS, FARMER ASSOCIATIONS, JOURNALIST ASSOCIATIONS, SEED HOUSES AND COMMERCIAL PRACTITIONERS.

WITH THESE FEW REMARKS, MR PS, IT IS MY PLEASURE TO ASK TO DELIVER YOUR REMARKS, AND RE-LAUNCH THE CONSORTIUM AS WELL AS OPEN THE INCEPTION WORKSHOP. THANK YOU VERY MUCH,

Annex 1: List of Participants

SOIL HEALTH CONSORTIUM OF MALAWI (SoHCoM) INCEPTION WORKSHOP, 24TH MAY, 2013. LILONGWE SUNBIRD HOTEL

LIST OF PARTICIPANTS PRESENT AT THE WORKSHOP

	NAME	ORGANISATION	POSITION	POSTAL ADDRESS	EMAIL	PHONE
1	Dr V.H. Kabambe	LUANAR, Bunda College	Senior Lecturer, Agronomy	P.O. Box 219, Lilongwe	kabambev@yahoo.com	0999343465
2	Dr Wezi Mhango	LUANAR, Bunda College	Senior Lecturer, Agronomy	P.O. Box 219, Lilongwe	Wezzi2002@yahoo.com	0881057112
3	Dr M.W. Lowole	LUANAR, Bunda College	Senior Lecturer & Head of Crop and Soil Sciences Dept	P.O. Box 219, Lilongwe	maxlowole@yahoo.co.uk	0888385822
4	Dr. Patson Nalivata	LUANAR, Bunda College	Soil Scientist	P.O. Box 219, Lilongwe	patenalivata@yahoo.com	0999079870 / 01761050
5	Trust Donga	LUANAR, Bunda College	Lecturer, Entomology	P.O. Box 219, Lilongwe	t.donga2012@gmail.com	0888135842
6	Yolice L.B. Tembo	LUANAR Bunda College of Agriculture	Chief Technician (Entomology)	P.O. Box 219, Lilongwe	temboyolice@yahoo.com	0888384062
7	Sann Jali	Foundation for Youth Empowerment	Executive Director	P.O., Box 928, Lilongwe	samsonjali@yahoo.com	0995662079
8	Austin Ngwira	Clinton Development Initiative	Director of Agriculture	P/Bag 68, Lilongwe	angwira@clintonfoundation.org	0888933734
9	Victor Kachoka	Free Lance Consultant	Agriculture Economist	Box 13, Likuni	v.kachoka@yahoo.com	0995666778 / 0884210866
10	Paul E.M. Jere	FACE MALAWI	Programmes manager	P.O. Box 76, Nsanje	jere-paul@yahoo.com	0881216833
11	Edward Joy	University of Nottingham, UK and British Geological Survey	PhD Researcher	Lunyangwa Research Station, Mzuzu, Malawi	ejmjoy@gmail.com	0992125378
12	Bupe Mwakasungula	African Institute of Corporate Citizenship	Value Chain Managers	Private Bag 382, Lilongwe 3	kyaupi@yahoo.com	0995643785
13	Faith Mwafulirwa	MBC Radio	Journalist	167-MOMA Lilongwe	faithchikoko@yahoo.com	0881097903
14	Fred Nyirenda	Ministry of Agriculture	Land Resources Conservation Officer	P.O. Box 35, Nsanje	Nyirenda81fred@gmail.com	0999450891

15	James L. Banda	Land Resources Conservation Department	Deputy Director	P.O. Box 30291, Lilongwe 3	greenatjack@yahoo.co.uk	0888878794
16	Emily Thera Luwanda	Machinga ADD	Principal Land Resources Conservation Officer	Private Bag 3, Liwonde	emilydiganitherah@yahoo.com ; nyathera@gmail.com	0999259756
17	Amoni Kabuli	Ministry of Environment and Climate Change/ Sustainable Land Management	Project Manager	P.O. Box 394, Lilongwe	amonmw@yahoo.com	0999919885
18	Atusaye B. Mwalwanda	Agri Consultants	Soil Scientist	P.O. Box 30568, Lilongwe 3	abmwalwanda@gmail.com	0888671716
19	Linetic Chatsika	Trustees of Agriculture Promotion Programme (TAPP)	Programmes officer	TAPP, P/Bag A21, Lilongwe	linechatsika@yahoo.com	0995393398
20	Chisomo Kamchacha	Kusamala Institute of Agriculture & Ecology	Monitoring and Evaluation Specialist	P.O. Box 30420, Lilongwe	chisomo@kusamala.org	0888577279
21	Donald Siyeni	Chitedze Research Station	Agricultural Research Scientist	P.O. Box 158, Lilongwe, Malawi	Donglad2@yahoo.co.uk	0999499760
22	Wycliffe Kumwenda	NASFAM	Farm Services Manager	P.O. Box 30716, Lilongwe 3	wkumwenda@nasfam.org / wkumwenda@gmail.com	09992957006 / 01772866
23	John Gwaladi	Henwood Foundation	Secretary & Regional Programmes coordinator	P.O. Box 428, Lilongwe	gwaladijohn@yahoo.com	0997390424
24	Limson Kaluzi	Malawi Organic Association	Production Officer	P.O. Box 20288, Lilongwe 2	mogaorganics@hotmail.com	0999793179 / 0999110316
25	Marie Raboin	Kusamala Institute of Agriculture & Ecology	Agroecologist	P.O. Box 30420, Lilongwe	marie@kusamala.org	0991135622
26	Kassam Hillier	Centre for youth and Development	Advocacy and communications officer	CYD Malawi, P.O.Box 283, Mponela	cydmalawi@gmail.com	0999314674

		(CYD)				
27	Ronald Makhole	Malawian Youth Climate Coalition	National Coordinator	P.O. Box 1680, Blantyre	Ronmakhloe@yahoo.com	0882130452
28	Andrew Kanyerere	CISE Malawi (Mchinji)	Boardmember	P.O. Box 196, Magawa, Mchinji	cisemw@hotmail.com	095469533 / 0111906792
29	Dr Allan D. Chilimba	Lunyangwa Research Station	Senior Deputy Director	P.O. Box 59, Mzuzu	achilimba@gmail.com	0991738275 / 01312962
30	Mc Jum T. Chigowo	Blantyre ADD, Land Resources Dept	Chief Land Resources Conservation Officer	BLADD, P/B 379, BT	Mtchigowo@gmail.com	0888582610
32	Frieda L. Kayuni	MOAFS Dept of Agric and Food Security	Deputy Director, AGRESS DAES	P.O. Box 30145, Lilongwe	flkayuni22@yahoo.com	0995727177
33	J.L. Mlamba	Lilongwe ADD	Principal Land Resources Conservation Officer	P.O. Box 259, Lilongwe	jmlamba@yahoo.com	0888516646
34	Joseph Jones Kanyangalazi	MOAFS, Salima ADD	Principal Land Resources Conservation Officer	P/Bag 1, Salima	jokanyangalazi@yahoo.com or josekanyangalazi@hotmail.com	0888873251 / 01263420
35	Weston Seyama	Churches Action in Relief & Development (CARD)	Programme Manager	P.O. Box 2733	card@cardmw.org ; westoneyama@cardmw.org ; wseyama@gmail.com	NOT PROVIDED
36	Mahara Nyirenda	Development Fund of Norway	Agriculture Specialist	P.O. Box 322, Lilongwe	mahara@developmentfundmw.org	0999710211
37	Stanlee Juma	Exagris Africa Limited	Assistant Farm operations Manager	Exagris Africa Limited, P.O. Box 3291, Lilongwe	sjuma@exagrisafrica.com	0881172938
38	Stanley Chitukwi	OSSEDI Malawi	Executive Director	P/ Bag 127, Lilongwe	ossedimalawi@yahoo.com	0999315805
39	Gilbert Kupunda	Mzuzu ADD	Chief Land Resources Conservation Officer	P.O. Box 131, Mzuzu	gkupunda@gmail.com	09956509965/ 01312050
40	John Nyangulu	ARET	Deputy	P/Bag 9,	jnyangulu@aret	0884828242/

			Director Extension & Extension Services	Lilongwe	t.org.mw; jesnyangulu@yahoo.co.uk	011177378
41	Lonjezo Masikini	Self Help Africa	Programme Coordinator-Quality Assurance & capacity Development	Private Bag B495, Lilongwe	lonjezo.masikini@selfhelpAfrica.org	09922077682
42	Dickson Mchilika	Social Development & Advocacy Centre (SoDAC)	Programmes Manager	P.O. Box E205, Post Dot Net, Chichiri Blantyre	advocacys@gmail.com ; dmchilika@yahoo.com	0999879955 / 0888879955
43	Gertrude Kambauwa	DLRC	CLRCO-LMJ	P.O. Box 30291, Lilongwe 3	gkambauwa@gmail.com	0888321562
44	Willard Kapindu	Dept of Agriculture Extension Services	Senior Mobile Unit Operations Officer	P.O. Box 30145, Lilongwe 3	wikapindu@yahoo.com	0999215869

Annex 2. The presentation by Dr Wezi Mhango:

Names of ISFM practitioners and contact address

	Name/Contact person	Institution and postal address	Email
1	Dr V. Kabambe	Bunda College, LUANAR, P.O. Box 219, Lilongwe	kabambev@yahoo.com
2	Prof G.Y. Kanyama Phiri	Bunda College, LUANAR, P.O. Box 219, Lilongwe	gykphiri@gmail.com
3	Mrs G. Kambauwa	MoAFS, Department of Land Resources Conservation, P.O. Box 30291, Lilongwe 3.	gkambauwa@gmail.com
4	Dr W. Mhango	Bunda College, LUANAR, P.O. Box 219, Lilongwe	wezzi2002@yahoo.com
5	Mr Fodreck Nyongani	CADECOM - Mangochi Diocese	< fnyongani@yahoo.co.uk > < mhcadecom@sdp.org.mw >
6	Chisomo Kamchacha	Kusamala Institute of Agriculture and Ecology, P.O Box 30420. Area 44. Lilongwe, Malawi	marie@kusamala.org/ chisomo@kusamala.org
7	Mr Melton Luhanga	Churches Action in Relief and Development P. O Box 2733, Blantyre. Malawi	card@cardmw.org melton.luhanga@cardmw.org
8	Jim Goodman	EXAGRIS AFRICA LIMITED	jgoodman@exagrisafrica.com
9	Mr Amon Kabuli	Sustainable Land Management Programme Ministry of Environment and Climate Change Management, P/Bag 394, Lilongwe	amonmw@yahoo.com
10	Dr. A.D.C. Chilimba,	Lunyangwa Agricultural Research Station, P.O. Box 59, Mzuzu.	achilimba@gmail.com
11	Mahara Nyirenda/ Knut Anderson	Development fund of Norway	maharan@developmentfundmw.org or knut.andersen@utviklingsfondet.no

12	Mr Wycliffe Kumwenda	NASFAM	wkumwenda@nasfam.org
13	Sute Mwakasungula	Small Scale Livestock & Livelihoods Programme	sslpp@smallscalelivestock.org
14	Program Manager	Self Help Africa	informalawi@selfhelpafrica.org www.selfhelpafrica.org
15	Program Manager	Trustees of Agricultural Promotion Programme (TAPP), Private Bag A 21, Lilongwe.	tappmalawi@yahoo.com/chanzawinfed@gmail.com
16	Mrs Ivy Ligowe	Chitedze Research Station, P.O. Box 158, Lilongwe	Ivyligowe@yahoo.co.uk
17	Director, ARET	Agricultural Research and Extension Trust, P/Bag 9, Lilongwe	director@aret.org.mw ; iphiri@aret.org.mw
18	Program Manager	Clinton Development Initiative	angwira@clintonfoundation.org
19	Mr Chimwemwe Soko	FIND YOUR FEET, P.O. BOX 20312; MZUZU	chimwemwes@fyfmalawi.org
20	Mc Jum Thomas Chigowo	Department of Land Resources Conservation, Blantyre Agricultural Development Division Private Bag 379, Blantyre.	mtchigowo@gmail.com
21	Henry Swira	CARE International in Malawi Pamodzi House, Off Presidential Drive Opposite Golden Peacock Hotel P/Bag A89, Lilongwe	henry.swira@co.care.org < caremalawi@co.care.org >
22	Program Manager	Community Initiative for Social Empowerment (CISE)	cisemw@hotmail.com
23	Henwood Foundation	Henwood Foundation, P O Box 750, Mzuzu, Malawi	emailannsoko@yahoo.com fhenwood@yahoo.com

24	Mr Francis Mpeketula	Millennium Villages Project, Umodzi House, P. O. Box 841, Zomba.	francis.mpeketula@millenniumpromi.se.org
25	Mr Stanley Chitukwi,	Organization for Sustainable Socio-Economic Development initiative (OSSEDI Malawi), P/bag 127, Lilongwe. Malawi	ossedimalawi@yahoo.com sjzchitukwi@gmail.com
26	Program Manager	Center for Youth and Development, P.O Box 286, Mponela. www.cydmalawi.org	cydmalawi@gmail.com
27	Mr H. Mkandawire	Zeru Foundation	hadzeru@yahoo.com / zerufoundation@rocketmail.com
28	Mr Joseph Kanyangalazi	Salima ADD, Private Bag 1, Salima.	jokanyangalazi@yahoo.com
29	Mr D. Siyeni	Chitedze Agriculture Research Station, P.O. Box 158, Lilongwe	donglad2@yahoo.co.uk
30	Mr Keston Njira	Bunda College, LUANAR, P.O. Box 219, Lilongwe	kestonnjira@yahoo.co.uk
31	Mr Sann Jali	Foundation for Youth Empowerment, Box 928 Lilongwe	samsonjali@yahoo.com
32	Mr A. Mwalwanda	Agri Consultants & Suppliers	agric.consultants@yahoo.com
33	MOGA (contact: Mr S. Chidaya; Mr L. Kaluzi)	Malawi Organic Association (MOGA) ,Malangalanga Central Region ADMARC Headquarters premises P.O. Box 20288, Lilongwe	mogaorganics@hotmail.com
34	The Director, Mr R Makhole	Malawian Youth Climate Coalition (MYCC) 2C Club, P O Box 1680, Blantyre	malawianyouthclimatecoalition@gmail.com / ronmakhole@yahoo.com

35	The Director	Social Development and Advocacy Centre (SODAC), P.O. Box E205, Post Dot Net, Chichiri, Blantyre 3.	advocacys@gmail.com
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ISFM TECHNOLOGIES, INSTITUTIONS AND CONTACT ADDRESS

	ISFM technology	Project sites /districts	Institution and postal address	Email (contact person)
1	<ol style="list-style-type: none"> 1) Organic manures – compost manure, khola, liquid, bokash, 2) Agroforestry, biomass transfer 3) Crop Residue incorporation 4) Conservation agriculture 	National through Agriculture Extension system	MoAFS, Department of Land Resources Conservation, P.O. Box 30291, Lilongwe 3.	gkambauwa@gmail.com
2	<ol style="list-style-type: none"> 1) Organic & inorganic fertilizers, 2) Conservation Agriculture 3) Agroforestry 	Seven districts in southern region through the Agriculture Extension System	Department of Land Resources Conservation, Blantyre ADD, P/ Bag 379, Blantyre.	mtchigowo@gmail.com
3	<ol style="list-style-type: none"> 1) Organic manures – compost manure, khola 2) Agroforestry 3) Crop Residue incorporation 4) 4. Conservation agriculture 	Salima and Nkhotakota	Salima ADD, Private Bag 1, Salima.	jokanyangalazi@yahoo.com
4	<ol style="list-style-type: none"> 1) Conservation Agriculture 2) Maize-legume systems (intercrop, rotation) 3) Inorganic P fertiliser and legumes 4) Soybean inoculation 5) 	Salima, Balaka, Ntcheu, Kasungu, Mchinji, Lilongwe and Dedza	DARS, Chitedze Research Station. P.O. Box 158. Lilongwe.	Ivyligowe@yahoo.co.uk donglad2@yahoo.co.uk
5	<ol style="list-style-type: none"> 1) Conservation agriculture 2) Compost making 3) Micronutrients studies 	Mzuzu	DARS, Lunyangwa Agricultural Research Station, P.O. Box 59, Mzuzu.	achilimba@gmail.com
6	<p>Use of organic and/or inorganic fertilizers in legume-cereal systems</p> <ul style="list-style-type: none"> • Intercrops, rotations of sole, doubled up legumes, cereal-legume intercrops 	Lilongwe, Kasungu, Ntcheu, Mzimba, Dedza,	LUANAR, Bunda College, P.O. Box 219, Lilongwe.	kabambev@yahoo.com wezzi2002@yahoo.com gykphiri@gmail.com

	<ul style="list-style-type: none"> • Compost manure with or no inorganic fertilizer • Agroforestry 			kestonnjira@yahoo.com patienalivata@gmail.com
7	<ol style="list-style-type: none"> 1) Crop growth hormones 2) Conservation Agriculture and Soil Fertility Improvement 3) Integrated Pest Management 	Mangochi, TA Nankumba.	CADECOM - Mangochi Diocese.	<fnyongani@yahoo.co.uk> <mhcadecom@sdp.org.mw>
8	<ol style="list-style-type: none"> 1) Green Manures (Pigeon Pea, Tephrosia, Cow Pea) 2) Crop Rotation using legumes and grain crops 3) Use of dairy manure instead of chemical fertilizer. 4) Compost with plants and animal manures. 	Lilongwe and Dowa districts	Kusamala Institute of Agriculture and Ecology, P.O Box 30420. Lilongwe.	marie@kusamala.org / chisomo@kusamala.org
9	<ol style="list-style-type: none"> 1) Conservation Agriculture 2) Compost manure Promotion 3) Agroforestry 4) Permaculture 5) Construction of physical features such contour bunds, box ridging, gully reclamation. 	Thyolo, Mulanje, Chiradzulu, Nsanje and Mchinji Districts	Churches Action in Relief and Development, P. O Box 2733, Blantyre.	card@cardmw.org melton.luhanga@cardmw.org
10	<ol style="list-style-type: none"> 1) CF 2) Liming/Gypsum application 3) Comprehensive soil testing 4) Crop residue incorporation 5) Compost manure 6) Construction of contours 7) Vetiver on contours 8) Agroforestry (Sunhemp fallow; Faidherbia albida, pastures) 	??	EXAGRIS AFRICA LIMITED	jgoodman@exagrisafrica.com
12	<ol style="list-style-type: none"> 1) Legume-cereal crop rotation 2) Conservation agriculture with fertilizer trees 3) Use of high quality improved seed 4) Use of inorganic fertilizers 	<ul style="list-style-type: none"> • Mchinji (all EPAs) • Kasungu (so far Santhe EPA but plan to scale up to 	Clinton Development Initiative	angwira@clintonfoundation.org

	jointly with organic fertilizers 5) Use of liming to correct soil pH	other EPAs in 2013/14 season) • Dowa (Bowe, Mponela, Chisepo and Madisi EPAs)		
1 3	1) Maize-legume Intercrops 2) Organic Fertilizer 3) Manure 4) Conservation Agriculture	Lilongwe, Balaka, Neno, Mwanza, Blantyre	Sustainable Land Management Programme Ministry of Environment and Climate Change Management, P/Bag 394, Lilongwe	amonmw@yahoo.com
1 4	1) Composting/ use of manure 2) CA 3) Agroforestry 4) Soil & H2O Conservation	Dowa, Ntchisi, Mzimba, Rumphi, Nkhatabay	Development Fund of Norway	maharan@developmentfundmw.org knut.andersen@utviklingfondet.no
1 5	1) Intercropping (with legumes or fertilizers trees) 2) Use of agroforestry 3) Conservation Agriculture 4) Conservation agriculture with trees 5) Pit planting	Lilongwe	NASFAM	wkumwenda@nasfam.org
1 6	1) Conservation Agriculture 2) Agroforestry	• Lilongwe, Dowa, Salima, Kasungu and Ntcheu. • Present in Southern and Northern Region of Malawi through partners	CARE International in Malawi, Pamodzi House Off Presidential Drive, P/Bag A89, Lilongwe	< henry.swira@co.care.org > < caremalawi@co.care.org >
1	1) Use of chemical fertilisers 2) Use of agroforestry tree	Rumphi, Mzimba & Nkhata Bay	FIND YOUR FEET, P.O. BOX 20312;	chimwemwes@fyfmalaw

7	species/legumes 3) Use of compost manures/tea manures 4) Conservation agriculture and the accompanying practices.	districts.	MZUZU	i.org
1 8	1) Soya, ground nut and cassava integration 2) fertilizer, manure application to cassava	Lilongwe (Chitsime, Chiwamba and Mpingu EPAs); Dedza (Linthipe); Dowa (Chibvala EPA); Ntchisi.	Trustees of Agricultural Promotion Programme (TAPP), Private Bag A 21, Lilongwe.	< tappmalawi@yahoo.com > < chanzawinfred@gmail.com >
1 9	1. Manure making and use • Different types of compost manure • Animal liquid manure, plants liquid manure; Pellet manure; Bokash 2. Pit planting 3. Agroforestry 4. Crop rotation 5. Conservation Agriculture	?	Self Help Africa	informalawi@selfhelpafrica.org
2 0	Animal manure	All regions “specify name of district”	Small Scale Livestock & Livelihoods Programme	sslpp@smallscalelivestock.org
2 1	1) Use of organic fertilisers 2) Use of inorganic fertilizers including bio-products, reconstituted waste and manure 3) Use of various composts in soil-less growth systems	?	Agricultural Research and Extension Trust, P/Bag 9, Lilongwe.	director@aret.org.mw
2 2	Translating integrated soil fertility management empirical knowledge into action through participatory learning and marketing with farmers • Enhancing awareness	Mchinji (T/A Zulu and T/A Mkanda)	Community Initiative for Social Empowerment (CISE)	cisemw@hotmail.com

	and practical skills of partners such as extension workers and district agronomists in application of ISFM			
2 3	1) Compost manure 2) Green/Liquid Manure 3) Zero tillage 4) Fertilizer as top dressing only (applied if animal manure is scarce). 5) 5. Home made pesticides	Mpamba in Nkhata Bay; Mbwatalika and Mchindiuza in Mpingu, Lilongwe ; Chitela in Chiradzulu and soon to open in Phalombe	Henwood Foundation, P O Box 750, Mzuzu, Malawi	emailannsoko@yahoo.com fhenwood@yahoo.com
2 4	Organic inputs	Karonga, TA Mwilang'ombe.	Zeru Foundation (ZEMKAF)	hadzeru@yahoo.com / zerufoundation@rocketmail.com
2 5	1) Conservation agriculture 2) Climate change and natural resources/environment	Mchinji, Dowa, MZimba, Ntcheu, Dedza, Lilongwe rural and Kasungu	Organization for Sustainable Socio-Economic Development initiative (OSSEDI Malawi), P/bag 127, Lilongwe. Malawi	ossedimalawi@yahoo.com sjzchitukwi@gmail.com
2 6	1) Maize-Groundnut rotation 2) Interplanting maize and legumes (Groundnuts, Soya and pigeon peas)	<ul style="list-style-type: none"> Thondwe EPA, Mwandama area, Zomba District Njuyu, Bwengu, Engucwini and Zombwe EPAs in Mzimba District 	Millennium Villages Project, Umodzi House, P. O. Box 841, Zomba	francis.mpeketula@millenniumpromise.org
2 7	1) Use of fertilizer and organic resource (such as intercropping, agroforestry, crop rotation, etc) 2) Use of germplasm along side	Mbayani, Blantyre	Malawian Youth Climate Coalition (MYCC) 2C Club P O Box 1680	malawianyouthclimatecoalition@gmail.com / ronmakhole@yahoo.com

	with ISFM 3) Accelerates local adaptation to ISFM technologies 4) Capacity building in ISFM		Blantyre	
28	1) Maximum soil cover (Mulch) 2) Minimal tillage 3) Crop rotation 4) Use of organic fertilizers	Southern Region (Phalombe)	SODAC	advocacys@gmail.com
29	1) Manure making and application (livestock manure, Bocash, frame, pit, Windrow, liquid manure etc). 2) Crop rotation 3) Biomass transfer (agroforestry). 4) Stover Incorporation. 5) Mulching. 6) Cover cropping. 7) Application of organic fertilizers (manufactured organic fertilizers from Fertilizer and Forage Company and other companies in Malawi).		Malawi Organic Association (MOGA); P.O. Box 20288 Lilongwe	mogaorganics@hotmail.com
30	1) Extension Services (Agronomy) 2) Program review/evaluations	Lilongwe and Blantyre	Agri Consultants & Suppliers	agric.consultants@yahoo.com
31	1) Technologies used to improve soil fertility (specify the technologies) 2) How we win community commitment towards project goals 3) How the technology has helped them in yielding more than before.	Across the country.	Foundation for Youth Empowerment, Box 928 Lilongwe.	samsonjali@yahoo.com

LIST OF PARTICIPATING COMMUNICATORS

1	Miriam Chikoma	Agriculture Communication Branch	Radio Reporter	P.O. Box 594, Lilongwe	chikomir@yaho.co.uk	0999398880
2	Moses Machera	Agriculture Communication Branch	Videographer	P.O. Box 594, Lilongwe	mjmachera@gmail.com	0999432767
3	Montgommrley Phimba	DAES Agriculture	Visual Aids Officer	P.O. Box 594, Lilongwe	montphimba@gmail.com	088832250 / 0996785005
4	Sylvester Kumwenda	Malawi News Agency	Reporter	P.O. Box 179, Lilongwe	sly4k@yahoo.com	0888706777
5	Rodrick Sinoya	Zodiak Broadcasting Station	Reporter	Private Bag 312, Capital City, Lilongwe	Skapoloma4@gmail.com	0999078155
6	Deliby Nyale	MBC	Reporter	P.O. Box 30370, Lilongwe	nyaledeliby@yahoo.com	0888581429
7	Lapken Chauluka	MBC-TV	Technician	P.O. Box 30370, Lilongwe 3	chauluka@yahoo.co.uk	0999953761

LIST OF DRIVERS ACCOMPANYING PARTICIPATING OFFICERS

1	F. Mkandawire	Ministry of Agriculture (LRLD)	Driver	P.O. Box 30291, Lilongwe	mkandawire@yahoo.com	0999927469
2	M.Y. Ndoya	Machinga ADD	Driver	P/Bag 3, Liwonde	NOT PROVIDED	0888891240
3	C.K. Mazabwanya	MOAFS (DAES)	Driver	P.O. Box 30146, Lilongwe	NOT PROVIDED	0999225510
4	I.M. Mboga	Salima ADD	Driver	P/Bag 1, Salima	NOT PROVIDED	088836608
5	Chimwemwe Kamanga	Agriculture Research	Driver	Lunyangwa Research Station, P.O. Box 59, Mzuzu	NOT PROVIDED	0993343528
6	S. Phiri	Blantyre ADD	Driver	P/Bag 379	NOT PROVIDED	0999850626
7	Evance Sanje	Mzuzu ADD	Driver	P.O. Box 131, Mzuzu	NOT PROVIDED	0881919684
8	T. Zimba	C.H.F.	Driver	P.O. Box 174 Lilongwe	NOT PROVIDED	NOT PROVIDED
9	M. Jere	LUANAR	Field Technician	P.O. Box 219		0881932165/ 0999350302

Annex 4. Presentation by Dr V.H. Kabambe