



Strengthening Food Security Through Rural Livelihoods Program

Monitoring and Evaluation Plan and Framework

JULY 2011- JUNE 2014

Version: January 2011

Abbreviations used

CBN – Capacity Building and Networking Component
CBO – Community Based Organisation
IPM – Integrated Pest Management
KGA – Kastom Gaden Association
M&E – Monitoring and Evaluation
MHMS – Ministry of Health and Medical Services, Solomon Islands Government
MP – Marketing and processing component
MSC – Most Significant Change
OF – Organic Farming Component
PMN – Planting Material Network
PSO – Program Support Officer
SIG – Solomon Islands Government
SL – Small Livestock Component
WN – Women and Nutritional Health Component

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SUMMARY OF EXPECTED RESULTS

Program Goal

Self-reliance of rural people through sustainable agricultural development

Program Objective

To strengthen family food security and income generation using a livelihoods approach

Outcomes

The Program is designed to address two intermediate outcomes:

- Farmers have access to relevant technical services for food security and income generation
- Increased capacity of KGA and rural farmer organisations to deliver services to their membership

Components

The Program has eight components:

1. Partner Capacity Building and Networking
2. Food Crops and Organic Farming
3. Small Livestock
4. Marketing and Value Adding
5. Women and Nutritional Health
6. Youth in Agriculture and Urban Agriculture
7. Communication and Information Services
8. Program Management

It terms of beneficiaries under the program, we have specifically aimed for 50% equal participation by women and men; and 30% of activities will target the remote & isolated areas of the country.

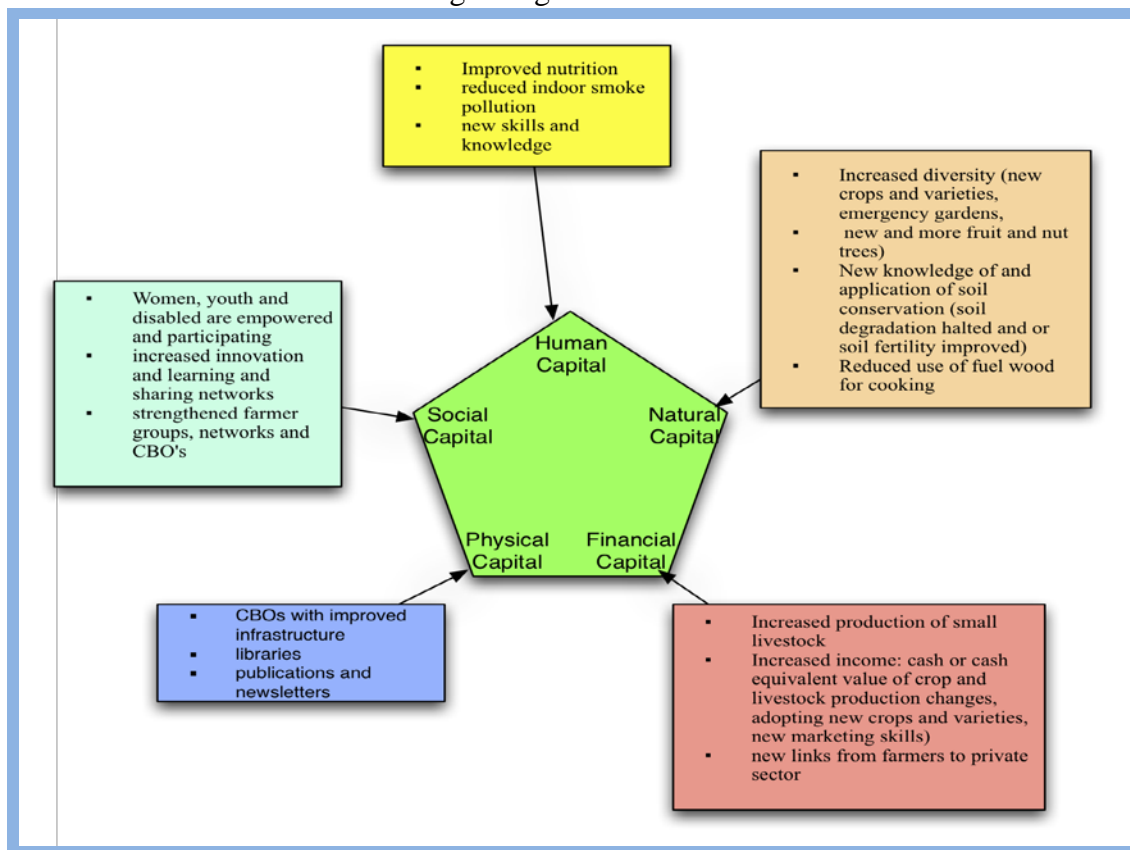
Expected Direct Beneficiaries:	Expected In-Direct Beneficiaries:
<ul style="list-style-type: none">▪ The 4,800 rural and urban Households: being the PMN members who adopt methods, technologies, new planting materials and new knowledge▪ 12 partner CBOs	<ul style="list-style-type: none">▪ The spread (of new technologies, planting materials and new knowledge) to other households: 19,200 Households (estimated to be 25% of rural households in SI)▪ Other CBO members of PMN (170 plus in 2011)

The results of the M&E framework will be summarised in six-monthly M&E reports. The format of these reports will be revised based on feedback from the KGA board and donors. Summaries will be based on Sustainable Livelihoods Analysis (SLA), as this is a suitable tool for presenting the diverse type of livelihood changes that arise from the KGA program. Livelihood assets serve as the basis for people's livelihoods. In SLA there are five types of asset that together enable people to pursue sustainable livelihoods:

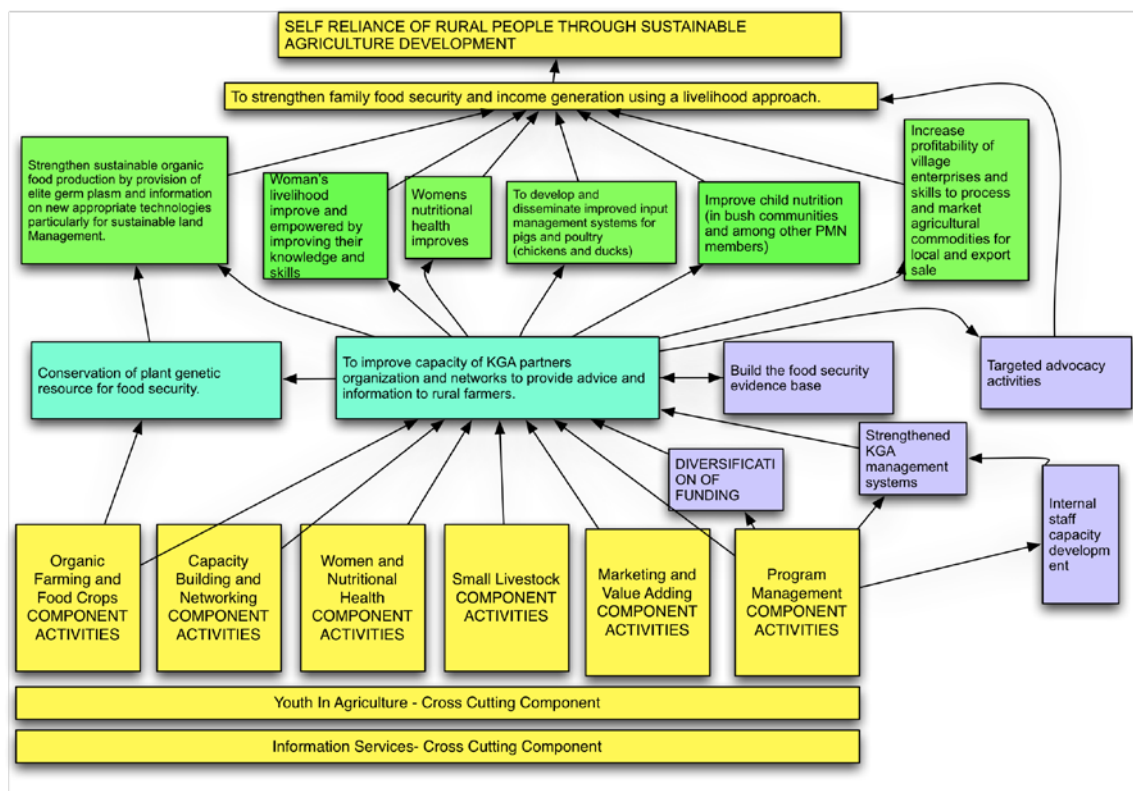
1. **human** - knowledge, skills, ability to labour and good health
2. **social** - the resources people can draw upon in pursuit of their livelihood objectives, including social networks and relationships of trust and reciprocity
3. **natural** - the natural resources available
4. **physical** - basic infrastructure and producer goods available
5. **financial** - the financial resources people have available

The diagram below shows the types of contributions the program will make to livelihood assets. The lists of how the program contributes to different livelihood assets will be refined during implementation. Community Based Organisations who are supported under the program are expected to have improved capacity to deliver services to support positive agricultural livelihood changes. This forms part of social capital but also can be considered as part of the 'enabling environment' for

livelihoods improvement. Using the livelihood framework, the beneficiaries of the KGA program can expect to have some or all of the following changes to their livelihood assets:



Summary results chain



The summary results framework below is based on the summary results chain and describes the expected results and indicators of those results, who is responsible for data collection, and the tools to be used for data collection.

SUMMARY RESULTS ASSESSMENT FRAMEWORK

Result Chain Box Description	Indicator (by end of Year 3 – July 2014)	Source/ Who	Tools
Goal Self Reliance Of Rural People Through Sustainable Agriculture Development	<ul style="list-style-type: none"> Effective technologies are spreading in the community beyond PMN members. Key partners are able to carry out parts of program on their own. Strengthened and increased number of CBOS working in food security service delivery. 	M&E PSO Manager	PMN Household survey, Market survey (spread of KGA varieties), MSC, Focus Groups Partner Capacity Assessment Report
Objective To strengthen family food security and income generation using a livelihood approach.	<ul style="list-style-type: none"> 80% of (sampled) PMN members have scores of 50% or more on livelihood ranking system (ie middle to top 1/3 on KGA criteria of improvements to different aspects of their livelihoods) 	M&E PSO Manager	PMN Household survey - rankings KGA Annual Report Focus Group Report
Component 1 To improve capacity of KGA partners organization and networks to provide advice and information to rural farmers.	<ul style="list-style-type: none"> PMN membership increases to 6000. 40% of members pay subscriptions annually 80% of PMN members access services provided by KGA or partners Partners have capacity to plan, deliver and monitor effective farmer services. 50% of members accessing quality services delivered through partner CBOs 	M&E PSO CBN PSO	PMN members rep.; Participant Lists; PMN Planting Material Distribution Lists; Partners Annual Report; Partner Capacity Survey;
Component 2 Strengthen sustainable organic food production by provision of elite germ plasm and information on new appropriate technologies particularly for sustainable land management.	<ul style="list-style-type: none"> 80% of members have new germplasm / increased diversity 50% members practice improved soil conservation methods 50% of members practice IPM. Methods and varieties are spreading (on average PMN adopter shares with 3-5 others) 	M&E PSO OF PSO PMN Coordinator WN & OF PSO (on IPM)	PMN Planting Material Distribution Lists Analysis PMN Household survey Focus Groups Case studies
Conservation of plant genetic resource for food security.	<ul style="list-style-type: none"> 300 food crop varieties for food security are conserved in well documented and maintained farmer run germplasm centres. 	PMN Coordinator OF PSO	Germplasm reports PMN central link reports (seed bank)
Component 3 To develop and disseminate improved input management systems for pigs and poultry (chickens and ducks)	<ul style="list-style-type: none"> 30% of Members Have Increased Livestock Production 60% of PMN livestock farmers have access to relevant information PMN Livestock Farmers share their skills and knowledge with other farmers 	M&E PSO PSO Livestock Poultry Technician	Case studies PMN Household survey
Component 4 Increase profitability of village enterprises and skills to process and market agricultural commodities for local and export sale	<ul style="list-style-type: none"> Reduced impediments in three value chains of sweet potato/taro, local kokorako and one isolated product. Net increase in income, equivalent full time jobs and scale for each value chain intervention Improved internal KGA capacity in value chain and market driven interventions 	M&E PSO PSO Marketing	PMN Household Survey Case studies Partner annual Rep. Partner Capacity Assessment
Component 5 Improve child nutrition (in bush communities and among other PMN members)	<ul style="list-style-type: none"> 20% reduction in child underweight problem in target communities (around 2 hospitals) At least 2 hospitals (and surrounding clinics) integrate infant growth monitoring with nutrition and sup sup garden training Model Adopted by MHMS /SIG 	M&E PSO PSO – WN Partners (hospitals/clinic staff with PSO support)	Focus groups; Hospitals/clinic data (Infant growth monitoring records) Policy/plans/agreements with/of MHMS

Result Chain Box Description	Indicator (by end of Year 3 – July 2014)	Source/ Who	Tools
Woman's livelihood improve and empowered by improving their knowledge and skills	<ul style="list-style-type: none"> 50% plus of activity participants are women. 45% of woman involved are empowered through training and skills improvement 50% of PMN members report better sharing of gender roles. Annual gender audit of KGA and partner program 	M&E PSO PSO – WN	Participant Lists (Gender analysis of) Focus groups (women) Gender 'Audit' report
Women nutritional health improves	<ul style="list-style-type: none"> 20% women using and benefits of Kiko fuel efficient stove 20% women with and benefits of sup sup (kitchen) gardens 20% women with and benefits of increased knowledge of nutrition 	M&E PSO PSO – WN	PMN Household survey Analysis Focus groups Case Studies Gender Audit
Component 6 To strengthen the capacity of youth to improve family livelihoods	<ul style="list-style-type: none"> 30% of all activity participants are young people Youth farmers train & share their skills and knowledge with other youth farmers 	Youth Coordinator PSO Livestock M&E PSO	Focus groups PMN household survey Youth Score Card Case studies
Component 7 Build the food security evidence base	<ul style="list-style-type: none"> Yield/performance data on key KGA germplasm varieties Production data on livestock management system options Evidence of benefits of different livestock breeds/cross breeds Evidence of soil fertility changes using KGA promoted technologies Fuel and smoke efficiency of Kiko stove Partnerships with research organisations Contribution of diversity to food security 	Manager OF PSO SL PSO WN PSO M&E PSO	Reports on Technical Field Trials supervised by KGA staff and lead partners (Zai NaTina) Website posts Publications /articles published Case studies
Component 8 Internal staff capacity development	<ul style="list-style-type: none"> Resourced and targeted capacity development plan Implementation of the plan 	Manager HR Officer	Staff Performance reviews
Targeted advocacy activities	<ul style="list-style-type: none"> KGA interaction with government strengthened. Changes in government policy related to food security and partnerships with non state actors Increased media articles on key issues 	Manager and PSO's	Minutes of KGA/SIG Policy statements Media articles
Strengthened KGA management systems	<ul style="list-style-type: none"> Annual planning process established Clear management roles and responsibilities Regular management meetings Strategic involvement of TerraCircle in annual planning 	Manager	Performance agreements & reviews; KGA Reports, TC monthly reports
Diversification Of Funding	<ul style="list-style-type: none"> Increase PMN membership income Income earned from training and advisory services (to farmers, partners, donors, NGOs, government) on fee for services basis. Increase support from other donors. Corporate partnerships (e.g. Provide advice on sourcing produce from farmers) Commercial activities (e.g. Sale of seeds) Research partnerships (with regional research institutes, donors, NGOs) Further develop the partnership with Ministry of Agriculture to provide increased services. 	Program Development Officer Manager PMN Coordinator	Number of partnership/funding agreements Financial analysis of organisation Training reports PMN Annual Report

Background to this M&E plan

This plan responds to the independent review aide memoire June 2011 recommendations:

- Build the current KGA activity management system (developed in year 1) into a comprehensive M&E system that allows KGA to also monitor outcomes and impacts and hence more clearly demonstrate the benefits of KGA programs. This is to be done in partnership with Terracircle in Q1, 2011. In addition, an M&E officer position will be created to further support this area.
- Using the improved M&E information, KGA should continue to build greater internal capacity in information and communication.

This plan aims to build on KGA's existing activity management and information system and to make use of the staff experience in using existing tools for data collection.

Methodology

The overall program logframe (as submitted to AusAID) was used by the KGA senior staff as the basis to develop results chains for each component of the program (completed in July 2011). These results chains map the expected changes that lead to the component and program objectives. Results chains provide a clearer and more measurable logic for results assessment than the log-frame. The results chains can also be thought of as a 'theory of change' that is then tested in results assessment. (the results chains are included in Annex 1). Results chains should be reviewed on an annual basis.

The aim of the results assessment then becomes to assess the achievement of each box on the results chain and to show evidence of plausible links between the boxes that are attributable to KGA's interventions or activities.

Tools Used for M&E

The M&E plan aims to build on existing tools and some existing reports and forms that are already in use by KGA. The tools provide a complementary range of more qualitative and more quantitative approaches. This mixture of data collection methods is suitable to measuring complex livelihood changes. The M&E plan aims to better link and coordinate these different monitoring activities and ensure they are carried out in a systematic way.

Basic activity records:

KGA has an established activity management system. *Participant lists* are to be kept for all KGA activities. These lists are uploaded to the KGA information system. (Includes PMN number/name, gender, youth, isolated or non isolated area for each participant). Participant lists will be regularly analysed and summarised by M&E PSO as well as WN and CBN PSO in regards to gender participation and isolated areas coverage respectively. *Activity reports*: a brief text description, which should include summary of any participant evaluation and any examples of changes evident at the time of the activity. In some cases these reports will take the form of posts on the KGA website www.kastomgaden.org or they will be loaded onto the information system in the documents section.

Planting Materials records

A strong focus of the program is various activities to do with collecting/importing, multiplying and sharing seeds and planting materials. Seed and other planting material produced by KGA at the Burns Creek central link is recorded using various existing paper forms. This is summarised in a monthly report and on the seed bank status on the information system. Distribution of seeds and planting materials is entered into the online database and can be summarised in reports produced through the database generated reports. Germplasm centres will be encouraged to progressively develop simpler paper based recording systems.

Memberships

A Database is maintained on PMN members. This includes: basic member household details and renewal information; planting material sent and received; newsletters sent and received.

PMN Household survey

A survey was developed with TerraCircle assistance. A sample of members are surveyed by KGA staff (and in some cases partners) on a continuous basis with the aim of surveying approximately 10% of members annually. While ideally surveys would be randomly sampled and carried out during a specified period of time, experience has shown this to be unrealistic and to detract too much resources from the organisation without a compensating benefit to the accuracy of the data collected. There fore surveys will be done opportunistically by staff while in the field and some partners will be asked to conduct a target number of surveys per planning period. The survey collects data on the members agriculture in the following areas: crop diversity, emergency foods, home conditions and marketing, livestock, organic farming, personal attributes, soil conservation and trees as well as more detailed information on the household. In each of these areas it tracks progress made toward adopting technologies, knowledge and varieties promoted by KGA.

Focus groups

To add qualitative information to the survey data, regular focus group discussions will be carried out on a series of topics defined in this framework. Generally focus groups involve 4-8 people (KGA beneficiaries), usually separate groups of men and women, and a facilitator and note taker. Focus groups can also use visual diagram PRA type tools such as seasonal calendars and historical or scoring matrixes to help the discussion. Trial focus groups are being conducted in the period January – March by each component. Following on from this a more detailed checklist and approach for focus groups will be developed and implemented by the M&E Officer.

Most Significant Change

MSC has been used as a method in a number of past KGA project and in a recent evaluation. MSC involved recording stories of change, and the reasons why beneficiaries and KGA stakeholders think these changes are significant. Stories are then selected through a group review process with the reasons for selection noted. The M&E officer will be required to develop a simple MSC model for KGA as part of this M&E framework. Stories are good at capturing livelihood changes. MSC will be introduced through training to all KGA staff during the month of January.

Case Studies

Case studies are more detailed written stories about examples of impacts the program is having on a household or organisational level.

Partner Capacity Survey

Will be carried out by CBN PSO on annual basis – already completed for 2009-2010. The survey measures various aspects of organisational capability and governance and is used to track changes over time. The survey results are summarised in an annual report that also draws on other sources of information – such as partner coverage of PMN members and partner activities carried out and their results.

Partners Annual Report

To be prepared by Partner CBO staff and endorsed by their boards or management committees. The annual reports cover activities completed, financial acquittal and impact of work carried out.

Technical reports

Various trials are planned to build the evidence base of KGA promoted technologies and approaches. These will be documented in a technical report with summary results posted on the KGA website.

SUMMARY ON HOW TOOLS ARE USED FOR RESULTS ASSESSMENT

The tables below summarise how each of the M&E tools will be used to monitor the indicators that have been defined in the results chains (Annex 1). The report where these results will be documented is included; as is the person/s responsible to prepare this report. The result box numbers can be used to cross reference which boxes are being monitored by component. For more detail refer to the detailed component results chains frameworks (Annex 2)

PMN Household survey (& household survey rankings)		
Indicator	Report	Who
<ul style="list-style-type: none"> 50% of sampled PMN members have scores of 50% or more on household ranking system (ie middle to top on KGA criteria of different aspects of their livelihoods) 20% of women using Kiko Stove (fuel efficient stoves) 20% of women with sup sup gardens 20% of women with increased knowledge of nutrition 80% of members have new germplasm / increased diversity 50% of members practice improved soil conservation methods (Legumes, Vetiver grass, slash and mulch etc) 50% of Members adopt the methods of IPM. Increased number of rural households making and marketing (reduced impediments in value chain) products for local and export sales in increasing amounts & value 30% Of PMN Members Have Increased Their Livestock Production 60% of PMN livestock farmers have access to relevant information Increase in % of PMN members who consider themselves innovators. 	Annual PMN Household Survey Report	<p>All staff conduct surveys – 300 per year.</p> <p>Analysis by M&E PSO and TerraCircle M&E advisor</p>

Focus group discussions (separate men and women)		
Indicator	Report	Who
<ul style="list-style-type: none"> Technologies are spreading in the community beyond PMN members (on average a PMN adopter shares with 3-5 others) Reduction in infant malnutrition problem around target hospitals woman involved in KGA and partners programs are empowered through training and skills improvement Sharing of gender roles. Women using and benefits of Kiko Stove Women with and benefits of sup sup gardens Women with and benefits of increased knowledge of nutrition 	<p>Component quarterly reports</p> <p>Focus group reports</p>	<p>M&E PSO</p> <p>All PSOs</p>

Partner Capacity Survey / Partners Annual Report		
Indicator	Report	Who
<ul style="list-style-type: none"> Key partners are able to carry out parts of program on their own. Partners have capacity to plan, deliver and monitor effective farmer services. Improved internal KGA capacity in value chain and market driven interventions to alleviate poverty 	Capacity Survey Report & Partners Annual Reports	CBN PSO Partners Coordinator

PMN membership records		
Indicator	Report	Who
<ul style="list-style-type: none"> PMN membership increases to 5,400. 25% of PMN members renew subscriptions on an annual basis 	Summary of memberships – current/new/need to renew (1/4ly)	PMN Coordinator

PMN distribution records		
Indicator	Report	Who
<ul style="list-style-type: none"> 80% of PMN members access services provided by KGA or partners 	Monthly Seed Bank report	PMN Coordinator

Activity (Group) Participant Lists		
Indicator	Report	Who
80% of PMN members access services provided by KGA or partners		M&E PSO

Activity Participant Lists (Gender analysis of)		
Indicator	Report	Who
<ul style="list-style-type: none"> At least 30% of participants/activities are from the isolated areas At least 50% of KGA and partners training participants are women At least 30% of training participants are youth 	Gender Analysis of KGA Activity Participants across program	All PSOs

MSC and Case studies		
Indicator	Report	Who
<ul style="list-style-type: none"> Quantity of PMN members access services provided by KGA or partners benefits of Kiko Stove benefits of sup sup gardens benefits of increased knowledge of nutrition Methods are spreading in community (benefits of changes to market and value chains benefits of PMN livestock farmers who have access to relevant information PMN Livestock Farmers share their skills and knowledge with other farmers Yield/performance data on key KGA germplasm varieties Production data on livestock management system options Evidence of benefits of different livestock breeds/cross breeds Evidence of soil fertility changes using KGA promoted technologies Information on all trials and results shared widely Partnerships with research focussed organisations Fuel and smoke efficiency of Kiko stove Contribution of diversity to food security and livelihoods 	Component quarterly reports (Case studies) Partner Annual Reports MSC Six monthly report	All PSOs PMN coordinator M&E PSO

Data from hospitals/clinics (Infant growth monitoring records)		
Indicator	Report	Who
20% reduction in malnutrition problem in target communities (East Kwaio in Malaita and South Choiseul)	To be determined	To be determined

Germplasm centre and PMN central link monthly reports		
Indicator	Report	Who
300 food crop varieties are conserved in well documented and maintained farmer run germplasm centres.	Central Link Monthly Report Germplasm Centres six monthly reports	OF PSO PMN Coordinator

Newsletters		
Indicator	Report	Who
80% of PMN members access services provided by KGA or partners	Newsletter distribution summary report	PMN Coordinator

Policy/plans/agreements with/by MHMS		
Indicator	Report	Who
Model adopted by MHMS (Hospitals and clinics integrate infant growth monitoring with nutrition and sup sup garden training in their programs)		

Technical Field Trial Reports		
Indicator	Report	Who
Yield/performance data on key KGA germplasm varieties Production data on livestock management system options Evidence of benefits of different livestock breeds/cross breeds Evidence of soil fertility changes using KGA promoted technologies Fuel and smoke efficiency of Kiko stove	Technical field trial reports	OF PSO SL PSO WN PSO Research partners – eg Zai Na Tina

Staff Performance reviews		
Indicator	Report	Who
Resourced and targeted capacity development plan Implementation of the plan	Performance review reports (for board)	Manager

Annual planning process		
Indicator	Report	Who
Annual planning process established Clear management roles and responsibilities Regular management and board meetings Strategic involvement of TerraCircle in annual planning		Manager

Data Analysis

PMN household surveys will be analysed by the M&E PSO with assistance from TerraCircle. A central part of the analysis will be to classify households according to how many KGA promoted technologies, skills, attitudes and aspirations have been adopted.

Livelihoods ranking

Scores are used to assess the households' progress in each response category:

- Crop Diversity,
- Emergency Food,
- Home conditions and Marketing,
- Livestock,
- Organic Farming,
- Personal Attributes
- Soil Conservation and Trees

Targets for each of these areas have been set by KGA staff and will be reviewed on an annual basis. Households are then ranked on their livelihood changes according to whether they are in the Top 1/3, the middle 1/3 or the bottom 1/3. KGA has then weighted each of these response categories according to importance for food security and livelihood improvement. The result is a summary score for each household which indicates their progress in improving their livelihoods.

Reporting

REPORT	WHEN	WHO
Six Monthly Progress Reports – will summarise work completed and impact evidence / results to date	Six Monthly February 2012 and subsequent six months	Manager M&E officer
Quarterly component reports: Will summarise the results of the more detailed component M&E frameworks in Annex 1. Will include partner activity under each component	Quarterly	PSOs Manager
Partners Annual report	Annual	Partner Coordinators
KGA annual report	Annual	Manager
Partner Capacity Survey Report	Annual	CBN PSO
Gender 'Audit' report	Annual	WN PSO
Reports on Technical Field Trials	As completed	By technical staff and signed off by PSO
Staff performance review reports	Annually	Manager
PMN Annual Report (members, income, expense – analysis compared to PMN business plan and progress toward business plan goals)		PMN Coordinator M&E PSO
Germplasm centre reports (six monthly)	Six monthly	Seed Curators
Activity Summary Report	1/4ly	M&E PSO

The following reports can be produced from the Management Information System as required provided that data entry is kept up to date by relevant staff:

- Activities started, completed and planned
- PMN Memberships, current / Members who need to renew (1/4ly)
- Group Activities (ie participant lists of activities)
- Seeds and planting material distribution and production
- PMN Baseline Survey
- PMN Reports

ANNEX 1:

Results Assessment Frameworks for each component

This section provides detailed M&E frameworks for each of the organisations component areas:

1. Capacity Building and Networking
2. Organic Farming
3. Small Livestock
4. Marketing and Processing
5. Women and Nutritional health
6. Youth In Agriculture- cross cutting – yet to be developed
7. Information & Communication- cross cutting-yet to be developed
8. Program Management- yet to be developed

Results Assessment Framework: Capacity Building and Networking Component

Level	Box no	RESULT CHAIN BOX DESCRIPTION	Indicator (by end of Year 3 – July 2014)	Source/ Who	Tools	When and frequency
POVERTY	41	SELF RELIANCE OF RURAL PEOPLE THROUGH SUSTAINABLE AGRICULTURE DEVELOPMENT				
	40	To strengthen family food security and income generation using a livelihood approach.				
SECTOR ENTERPRISES	39	To improve capacity of KGA partners organization and networks to provide advice and information to rural farmers.	By end of year 3, 5, 400 Farmers (PMN 4000 and Non PMN 1400) access services provided by KGA (planting material, seeds, trainings, advice) Partners are stronger and more effective organisations. Deep engagement with most capable partners. Exit strategy agreed on with timetable for most capable partners to be able to operate on their own.	All Component PSOs, PMN Coordinator, Seed Curator,	Participant Lists Planting material Distribution list, Partners annual report, KGA annual report, PMN members MSC, ORG survey Strategy	May 2014 Annually
	37	KGA program is decentralised to local KGA partners	3000 PMN farmers are accessing services and advice from KGA partners Lead partners have replaced roles previously carried out by KGA directly	All Component PSO, PMN Coordinator.	Participant Lists (partner run activities) Seed/PM Distribution lists (from partner / GPC's) PMN newsletter list (from partners) Annual review report. FOCUS GROUPS –	September 2011 – May 2014.
	36	Increase membership and service in isolated areas	20% of the overall program is being carried out in isolated communities. 25% of isolated members renew their subscriptions overall isolated membership increases to 15% (200 per year.	PMN coordinator and CBN PSO	PMN database. PMN household survey report, Isolated activity reports, Isolated Participants list.	September 2011 – May 2014
	35	TOT well established/ lessons learned and shared.	70% of KGA local partners trainers have improved technical and relevant training skills to carry out quality training on their own.	CBN, WN, MP, OF, SL PSO	Training list of trainers Workshop report, MSC, Partner activity report. Trainer field report.	On-going activity

	34	Local partners organizations are well established and operational	5 lead partners established 50% of partners have year by year improvements in organisational effectiveness 80% of partners are increasing the number of PMN members they serve on a year by year basis Lead partners access independent funding and support for some services.	CBN PSO and VIDA volunteer? Provincial Coordinator	List of partner's staff trainings. Partner MOP. Clear Partner staff job description, Annual capacity survey Participant lists (partner activities)	Monthly and on-going Annual survey
	33	PMN members received services by KGA and partners	KGA local partners implement 70% of PMN program activities. By end of every quarter 40% of PMN members access services from KGA and partners. 25% of PMN members renew subscriptions annually	CBN PSO and PMN Coordinators	PMN activity list, participants list, PMN household survey report. MSC, Partners and KGA monthly report.	Monthly and on going.
	32	More PMN members received basic service (planting material, newsletter and access to training and shared farmer information)	At end of every six month 70% of all PMN farmers should received seed and newsletter from PMN. 70% of members receive the Newsletter 70% of members receive planting materials 300 varieties available from seed/plant bank 70% of KGA activities with PMN members as participants	Seed Curator, PMN coordinator and CBN PSO and coordinators.	PMN member distribution records. Received and signed record of PMN farmers. PMN household survey. Participant lists PMN planting material distribution records	Six monthly
SERVICE Markets	31	PMN members access small grant scheme (or micro loans)	By end of each year 5 farmers will be able to start up their small micro-enterprises with formation of 5 farmers support marketing network with create of new marketing outlets.	PMN Coordinator, CBN, WN, SL and MP PSO, Partner	Approve list of applications. MSC stories, photos, follow up reports, Post. Production records, market visit records.	Quarterly visits, mins of each panel meeting.
	30	PMN business plan implemented	PMN increase its income by 75% (or reaches other targets set in business plan) Core services of PMN are self financing by 2015 PMN has partnership agreement with KGA	PMN Coordinator and VIDA Volunteer	Annual PMN income and expense Report, Monthly sales/income and expense report. PMN business plan PMN database records	September 2011 – August 2014
	29	KGA component plans reflect members priorities.	75% of conference recommendations are implemented by KGA (2011 and 2013 conferences)	PMN coordinator, CBN PSO	PMN conference report Component plans	August 2011- August 2012.

28	KGA adopts training strategy and policy.	Partner's staff/ trainers and KGA staff are implementing KGA (or their own) training strategy and policy.	CBN and VIDA volunteer	Approved training strategy. Activity report. Focus groups/ MSC	February 2012.
27	Attachment program for partners and PMN trainers.	100 local trainers (from partners) completed attachment program with relevant training institutions.	CBN, PMN Coordinator.	Attachment report, student performance report, student report. Participant list	Quarterly activity starting -2012
25	Trainers have new skills and knowledge.	Number of farmers trained by trainers and results of training 70% PMN farmers farming techniques improved.	CBN, WN, OF, SL, MP PSO, PMN	Farmer profile, PMN Household survey, list of trainer's participants. Activity report.	September 2011- Nov.2013
24.	Isolated areas partnership program established.	1500 Isolated PMN farmers accessing agricultural advice and support. 3 partners who operate in isolated areas.	CBN, PMN Coordinator	List of PMN newsletter, List of seed distributed, list of training conducted. PMN household survey.	August 2012- June 2014.
23	Program activities increased at village level.	By 2014 activities delivered to 50% PMN member groups and individuals annually by partners.	CBN, WN, OF, SL, MP PSO	List of all completed partners activities. List workshop participants, MSC, number of farmers network groups. Activity reports.	August 2011- August 2012.
22	New/ renew partnership registered (including Isolated partners)	Number of active partners providing services to KGA members. 70% of PMN members covered by the partners year by year.	PMN coordinator, PSO CBN	List of new partners. Registration of PMN group members list. Participant lists	August 2011 – August 2012.
21	Manual produced by trainers	Trainers able to give correct advice, diagnoses and treatment to farmers reaching x 5000 both PMN members and Non PMN farmers.	CBN PSO	List of trainer's participant. List of manual distributed. List of trainers train to use the manual. Manuals on website	Early 2012.
18	Partner's organisational capacity, system and procedures improved.	Increase support received by partners from other implementing agencies.	CBN PSO and VIDA volunteer	Approved MOP, Job descriptions. Min of management meetings, partner's monthly reports.	September 2011- July 2012.
17	Partners planning system and approaches improved at local level.	A well set up planning mechanism is adopted and use by local partners network and partners staff and management.	CBN PSO and VIDA volunteer.	Partners planning meeting. Local Partners Network PRA records and reports.	September 2011 – August 2012.
16	Training needs identified	50% of all partner's staff and trainers trained and equipped with improved and relevant technical skills and knowledge.	CBN PSO and VIDA Volunteer, TC trainers, all PSOs	Trainers training reports, list of trainer's workshop, MSC, activity report. Participant lists	August 2011, on-going.

15	PMN priorities identified and feedback for KGA program.	80% of all KGA activities implemented are PMN farmer's priorities.	All Component PSO and local partners staff	PMN conference report, activity report, PSO monthly reports, PMN household survey report, MSC.	November 2012
14	Effective administration of PMN	PMN services become reliable and efficient reaching out to farmers. (1000 member annually) 25% of existing members renew (pay subscription) annually 90% of members who request seed, planting materials and training from PMN successfully 800 new members join PMN .	PMN Coordinator, VIDA volunteer	New PMN members list. List of partner activities. PMN member database Household survey report. Planting material distribution records	October 2011.
13	Components use PMN member information system	Increased use of PMN member information by KGA and partners for: selection of participants for training; identifying resource people; identifying location for training and other KGA activities	PMN Coordinator.	List of PMN membership, training reports and participant list Log of info system usage	August 2011 – August 2014.
12	Newsletter produced six monthly.	Number of news letter produced on six monthly basis. 70% of PMN farmers access to new information and advice from the newsletter.	PMN coordinator and CBN PSO.	PMN Household survey report, MSC, photos, activity report. distribution list of newsletter. Newsletter	Six monthly – August of each year.
11	Fair criteria and application processed	30 farmers access small grant or micro loan scheme from PMN (WOMEN, LIVESTOCK FARMERS AND MARKETING VENTURES)	PMN Coordinator	List of approved application, activity report, follow up report, farmer's brief report.	January 2012 – January 2014.

Note: there is no box 9

Summary of activities for Capacity Building and Networking Component

1. Assess partners performance and coordinate partners ship program and signing of partnership arrangement
2. Produce/design training manual through TOT or other participatory processes
3. Capacity building training for:
 - farmers to farmers approach training for trainers,
 - report writing trainings and governance training
4. Assist partners with organisational management, establish systems/manual of procedures, support for partners staff with impact assessment and organisational monitoring and attachment program
5. Coordinate KGA/ partners planning and annual meeting
6. Assess training needs for partners

7. PMN conference
8. Member applications and renewals; maintain database; send out newsletter and seeds; document and share information among network
9. Small Grant scheme for PMN group member (WN, SL, CBN, MP)

Results Assessment Framework: Organic Farming Component

Level	Box No	Result Box	Indicator	Source /Who	Tools	When and frequency
Poverty	28	Self Reliance of rural people through sustainable agriculture development.				
	27	To strengthen family food security and income generation using a livelihood approach.				
Enterprise	26	Strengthen sustainable organic food production by provision of elite germ plasm and information on new appropriate technologies particularly for sustainable land management.	5,400 plus farmers adopting sustainable organic food production and adopting new technologies particularly on sustainable land Management. 80% of members have new germplasm / increased diversity/ improved food security and resilience	OF PSO Mary Esekana.	PMN Household survey Survey Household Ranking	December 2011 & then Annually
	24	Increase production (yield) in farmer gardens. Improved soil conservation (Legumes and Vetiver grass).	Increase of the PMN members production: 80% of PMN members practice improved soil conservation methods	OF PSO Mary Esekana.	Case Studies MSC PMN survey	October 2011 & then quarterly
	19	Reduce pest and diseases.	50% of the PMN Members adopt methods of IPM leading to reduced pest and disease losses / increased production	NCB, W/N and OF PSO .	PMN survey Focus groups Case studies	November 2011 & then quarterly.
	25	Conservation of plant genetic resource for food security.	50% of the farmers conserve plant genetic resources for food security. 300 varieties held in 20 farmer collections/GPC's and at KGA GPC 30% of PMN members are saving own seeds	OF PSO PMN Coordinator	PMN household survey PMN plant bank records	October & then quarterly
	13	Innovations shared with PMN farmers leading to new ideas and recognition of farmer's experts.	PMN innovation experts are recognized by KGA & other Organizations Increase in % of PMN members who consider themselves innovators.	OF PSO.	Case studies PMN HH survey	November 2011 & then six-monthly
	23	Some lead farmers established collections of germplasm on their own	5% of the PMN farmers have well managed and documented germplasm collections.	Lead farmers.	GPC monthly reports Case Studies	September 2011 & then six-monthly
	12	Farmers share germplasm	50% of the PMN farmers are sharing with at least 5 other farmers	OF PSO Mary Esekana	Informal interview's &	September & then 3 monthly.

					focus group PMN survey	
	22	Increase diversity in farmers garden.	50% of the PMN Members have increased diversity in their garden.	OF PSO Mary Esekana	PMN HH surveys Informal interview.	September 2011 & then Monthly
	17	Farmers access staple crops, vegetable seeds, fruit and nut trees and bush foods.	80% of PMN members received planting materials.	OF PSO Mary Esekana	PMN Data base & Activity report.	September 2011 & then Monthly
Services	16	Awareness and distribution reaches isolated farmers	50% of the PMN isolated farmers (500 HH) received awareness & planting materials on disaster ready crops.	Lead isolated farmers.	Participant list; Seed distribution lists	July 2012 & then quarterly
	15	Plant health workers diagnose problems provides advice /control for farmers.	50% of the PMN members received advice.	Lead farmer / & OF, WN & CBN PSO	Trial Result 's Media PMN HH Survey	March 2012 & then 6 quarterly
	7	Farmer's stories and information on innovations collection and documentation.	10 stories each for the 5 provinces we are working at and 2 stories each from the other 4 provinces (58 in total)	OF PSO	Stories Website posts	November 2011 & then quarterly.
	14	Other PMN farmers adopt soil conservation methods	50% of the PMN members adopt the soil conservation methods.	OF PSO - Mary Esekana	PMN HH survey Case Studies	January 2012 & then Quarterly
	6	Campaign to reach wider population with Gliricidia /vetiver messages.	50% of the PMN members adopted.	Lead farmers / partners	PMN Household survey	
Markets	18	PMN farmers make Disaster /Emergency garden.	500 isolated PMN farmers have disaster /Emergency gardens.	OF PSO	PMN HH survey	November 2012 & Quarterly.
	11	Varieties bulked and distributed (KGA Germ plasm centre. Farmer GP Centre's)	10 different root crops bulked and distributed. 100 different vegetable crops bulked and distributed. 10 different types of fruit trees grown in nursery and distributed.	PMN - Seed Curator - PMN Technician	Distribution list Monthly report	September 2011 & monthly.

10	Varieties collected and available to PMN members	10 different root crop varieties 100 different vegetable crops. 10 different types of fruit trees. 2,000 pkts of seeds Available to PMN farmers monthly.	PMN Co-ordinator	Monthly seed bank report & Plant passport data records	September 2011 & then Monthly
12	Lead farmers conduct awareness and bulking.	15 lead farmers conduct awareness and do bulking.	Lead farmers	Distribution lists Activity report	
9	Lead isolated farmers identified and trained to do awareness and bulked and distributed.	10 lead farmers (per year) in isolated areas identified and trained. Each lead farmer provides planting material to 30 others per year.	OF PSO Mary Esekana	Participant List Distribution List Monthly report	February 2012 & then
8	Plant health Clinics established.	At least 2 models established.	NCB, W/N and OF PSO.	Photos & Monthly report.	November 2011 & then Monthly
5	Lead farmers carry out farmer to farmers training on soil conservation methods.	20 lead farmers engaged to train other farmers. Each lead farmer trains 25 others every year	Lead farmers	Activity report & Participants list (PMN Database)	February 2012 & then Quarterly

Summary Activities for Organic Farming

1. Collection and bulking of planting materials (root crops, vegetables, fruit and nut trees, bush foods, and alternative cash crops)-collaboration with PMN farmers; support to germplasm centre KGA bulking centre.
2. National research trials on crop yields and performance
3. Bulking of food security and climate Ready crops.
4. Awareness and training on disaster gardens and replanting food security crops. Special focus on isolated areas.
5. Training in plant health
6. Document and share successful stories and information on farmers experiments, innovations and resistant plants (handouts, photos)
7. List of farmers practicing effective soil conservation. Lead farmers identified from this group.
8. Training/look and learn etc on organic farming by farmers & provides planting materials (legume trees /crops, vetiver).
9. Use of PMN survey data to better identify PMN members with improved soil conservation practice and without.

Small Livestock Component Results Assessment Framework

Level	Box Text	Indicator(be specific target)	Source/who does it	Tools	When and frequency
Poverty	26	Self- reliance of rural people through sustainable agriculture developments.	REFER TO SUMMARY FRAMEWORK		
	25	To strengthen family food security and income generation using a livelihood approached			
	24	To develop and disseminate input management systems for pigs and poultry (chickens and ducks)	1500 PMN livestock farmers have improved livestock production. PMN member sustain and shared their skills and knowledge with other farmers.	PSO Livestock and Poultry Technician	Case studies PMN HH survey Annually (after each year of implementation)
	23	Farmers realize potential of local breeds and local knowledge in livestock management.	1000 PMN livestock farmers increase and improve their production using local breeds and local knowledge	PSO Livestock and poultry Technician	PMN HH survey Case studies Annually
Markets	22	Increased production of livestock	500 PMN livestock farmers increase their production for income generation (over 40 chickens and over 4 pigs)	PSO Livestock and Poultry Technician	PMN HH survey Case studies Six monthly
	20	Farmers have access to: <ul style="list-style-type: none"> different breeds, feed garden planting materials, information (including shared local knowledge) 	1000 PMN livestock farmers access: new breeds and improve their breeding stock through exchange of different varieties of pig and poultry breeds use PMN supplied seeds to establish livestock feed gardens	PSO Livestock and poultry technician	PMN household survey Diversity fair registers PMN livestock seed distribution records Quarterly
	19	Results are shared with PMN members (newsletter, website, in training	80% of PMN members access new information on livestock management	PSO livestock and Poultry technician	PMN household survey Newlster Focus Groups Annually

	16	16. Farmers exchange new breeds, skills and knowledge	2 diversity fair per years for farmers to come and display their breeds in pig and poultry, held at one of the Livestock centre. 100 -300 farmers exchange different varieties of breeds amongst themselves (commercial and local breeds of pig and poultry)	PSO livestock and Poultry Technician	Participant list Photos and description of varieties Interviews Case studies	Annually (at the end of each year)
enterprise	12	Trials are carried out and documented	3 research trials being carried out per year, in three proposed centre Informatin from trials shared to farmers.	PSO Livestock and Poultry Technician	Trial reports on website Newsletter Case studies	Every six (6)months
	10	Centers have improved Knowledge in livestock technical ,research and training	Centres carry out effective training and trials. 500 - 1500 PMN livestock farmers access and benefit from centre through training look and learn and research	PSO Livestock	Participant lists Focus groups	Annually
	15	Lead farmers train other farmers in isolated areas	100 livestock farmers from isolated areas trained, in pig and poultry Managements system. (10% of total SL program for isolated farmers)	PSO Livestock and poultry technician	Participant list Case studies	Six (6) months
	18	Centers are self reliant enterprises providing training for farmers	Centres earn their own income to support their programs 700 PMN livestock farmers receive information from the centres and shared with their people in the community	PSO livestock and Poultry technician	Participant lists Interviews	Annually
	13	Selected innovations are tested in trials	3 trials will be done with 3 livestock centers and lead centre sharing of information to 300 - 500 of PMN livestock farmers	PSO Livestock and Poultry Technician	HH surveys Livestock innovation trial results on website	Annually
	17	Breeds of livestock are conserved (through sharing and documenting)	3 pure local breeds of pig, chicken and ducks are conserved, 200 to 300 livestock farmers display their local varieties during diversity fairs, and exchange breeds and learn new knowledge and skills in livestock and network will be more strengthen.	PSO Livestock and poultry Technician	Photos and descriptions of breeds on website Participant lists	Quarterly
	11	PMN members visit centers	1500 PMN livestock farmers access to visits to the centers to improve their knowledge and skills.	PSO Livestock	Participant lists Interviews and reports	Quarterly
Se	14	lead farmers train other farmers	300 - 500 PMN and Non PMN members trained in livestock managements and techniques.	PSO Livestock	Participant lists	Annually

5	6	Lead farmer network established based on criteria (low, medium and high care)	The lead farmers were increase from 50 to 70 in year 3 and will be slightly increase to year 4, 5 up to 100 PMN lead farmers by the end of year 5, both pig and poultry(chicken and duck)	PSO Livestock	Criteria Lead farmer list n	Quarterly
	9	Research and training partnership Agreements	3 Research key livestock centre's sign a livestock specific partnership agreements to be the lead key centre's in livestock	PSO Livestock and Poultry technician	Partnership agreements documents.	The agreements for Annual basis
	8	Models have business plans and business kills	Business plans in place with understanding of how to implement Centres are beginning to sustain themselves through sales of their livestock.	PSO livestock	Business plans Interviews	Annually
	7	innovations documented in simple form	10 innovation knowledge being documented per year - 3 per quarter (30 for 3 years)	PSO Livestock	PID form Innovations on website	After 2 quarters (six months)
		Farmers display different varieties of livestock	500 livestock farmers have access 3 specific different varieties of local and crossbreeds of pig, chicken Muscovy breeds and improve and increase their productions	PSO Livestock and Poultry technician Michael and Hilda	PMN HH survey Livestock distribution and sharing records	Annually

Main activities of Small Livestock Component

1. Develop partnership with three livestock centre to be lead research and training Venues for PMN members.
2. Assist them to become commercially viable enterprises
3. Collect, document, share local knowledge or innovation in livestock
4. Support lead farmers to conduct local area training of PMN members through one day workshops and field visits youth are targeted
5. Hold livestock diversity fairs\ (2 per year) where farmers bring together and display local breeds of pigs and poultry (chickens and ducks)
6. Link diversity fairs with other component

RESULTS ASSESSMENT FRAMEWORK: MARKETING COMPONENT

Level	Box #	Result chain	indicator	source	tool	when and frequency
Poverty reduction	29	SELF RELIANCE OF RURAL PEOPLE THROUGH SUSTAINABLE AGRICULTURAL DEVELOPMENT	Refer to summary framework			
	28	To strengthen family food security and income generation using a livelihoods approach				
	27	Increase profitability of village enterprises and to process and market agricultural commodities for local and export sale	70% of PMN members received Marketing Component service over 3 years. Increased number of rural households making and marketing (reduced impediments in value chain) products for local and export sales in increasing amounts & value	PSO Marketing	PMN HH Survey	June 2012 annually
	26	Families make improvements to their lives	number of families apply budgeting skills and more mindful about spending	PSO Marketing	PMN household survey Focus groups	December 2011, 6 monthly
	25	More members are growing for the market	Number of PMN members increase sales/profitability for domestic market. Number of members growing and selling in new ways	PSO Marketing	PMN survey, focus group, farm record book	December 2011, quarterly
Enterprises (Impact)	24	value chain constraints are overcome	Kokorako, isolated product, constraints are overcome. Increased income/sales/volume on value chain for 50% of target group	Partner Coordinator, Marketing PSO	Focus group, interview, stories	October 2011, quarterly
	23	constraints and opportunities on the value chain are identified	farmers and stakeholders work together to prioritize constraints and opportunities and plan interventions	PSO Marketing	activity report, Plans PMN newsletter,	November 2011. quarterly
	22	PMN members build relationships with private sector (eg traders etc)	increase level in marketing information sharing with private sector and other stakeholders-3 linkages established with farmers and private sector stakeholders involved sustainable relationships with private sector	PSO Marketing	activity report Case Studies	November 2011. quarterly
	21	farmers access price information on fresh produce (main market and export crops)	500 farmers use price information service, receive updated market/price survey and research both locally	Marketing PSO	activity report, record of who	December 2011. 6 monthly

		and internationally		receive price information, case studies	
20	famers make changes to how they set prices	improve in pricing by farmers that reflects supply & demand - high sales & increase income	Marketing PSO	Stories,	November 2011. November 2011. quarterly
19	farmers make better decisions about the best distribution channel to reach market (ie which market, what product, what transport, what quantity, time of year	farmers access of market is indicative of cost incurred or likely to be incurred - cheaper ways of reaching market are employed by farmers	Marketing PSO	stories, interview, pmn survey	November 2011. quarterly
18	information about new market opportunities is shared with private sector is shared with members	number and names of farmers/private receiving market information	Partner Coordinator, Marketing PSO	activity report, PMN newsletter,	November 2011, quarterly
17	families achieve savings goals	Number of farmers (315) meeting their one off payments, or irregular spending :eg school fees, investment into their small business like purchase fencing for livestock, new tools for gardening etc PMN members with bank accounts	Partner Coordinator, Marketing PSO	PMN survey (new assets), focus group	December 2011; annually
Service Markets (Out put)	16	farmers and stakeholders have better understanding of their role	increase in quality of products or garden produce, reduction in cost	PSO Marketing	PMN survey, focus group, news
	15	families control household expenses better, set savings goal	30% of families participating in household budgeting trainings apply financial knowledge and achieve their goal. number of families that apply financial knowledge and achieve their goals	Marketing PSO	focus group, interviews,
	14	Participatory value chain study	3 workshop done with stakeholders in the identified focus crop Target groups identified in detail	Marketing PSO	workshop report, participant list
	13	network with private sector, new market opportunities documented	number of market opportunities documented, number of network establish/build	PSO Marketing	meeting minutes, correspondence Case study
	12	pilot price information service	Short Message Service trial	Marketing PSO	activity report
	11	farmers understand how to plan production for the market	improvement and expansion in gardens/farms, consideration of off-season supplies	Marketing PSO	PMN survey,
	10	farmers understand how to do market research	Increased number of farmers that understand which market to sell produce, what product to is selling, at	Marketing PSO	interviews, stories

		what prices, and at which time of year/month/day (how to set price)			
9	farmers understand how to set prices	9 marketing trainings done with focus on price setting that reflect supply and demand as well as specific goods and services.	Marketing PSO	interviews, stories	November 2011. quarterly
8	farmers understand how to do simple gross margin analysis	(60%) 630 farmers apply Gross Margin analysis. increase application of Gross Margin analysis by farmers	Marketing PSO	Focus groups Participant lists Gross margin examples	November 2011. quarterly
7	option for price monitoring service identified	number and costs of price monitoring services identified	Marketing PSO	activity report	October 2011. quarterly
6	selected priority value chains (Kokorako, isolated product, kiko)	3 value study done in 3 location	Marketing PSO	workshop report, value chain report and map	June 2012. annually
5	farming families record household income and expenses	50% of participants 525 people keep track of monthly expense budget, with receipts if any are kept for recording purposes	Partner Coordinator, Marketing PSO	budget tracking book, receipts	quarterly

Marketing component main activities

1. Basic household budgeting skills training
2. do market research, value chain research, training in value chain approach
3. Research price information service options (eg SMS based services) provide market information, link traders to producers
4. marketing skills training

Results Assessment Framework: Women and Nutritional Health

Level	Box No	Result Box	Indicator	Sources /Who	Tools	When and frequency
	32	Strengthen family food security and income generation using a livelihoods approach	KGA PROGRAM LEVEL	KGA PROGRAM LEVEL	KGA PROGRAM LEVEL	KGA PROGRAM LEVEL
Poverty	31	Improve child nutrition (in bush communities and elsewhere)	20% reduction in malnutrition problem (underweight infants) in communities 20% of PMN members have sup sup gardens	Roselyn, partners (hospital/clinic records)	Survey, interview hospital CLINIC growth monitoring records	Quarterly Annually
	30	Disseminate information and skills by hospital and clinics.	At least 2 hospitals and surrounding clinics integrate nutrition and sup sup garden training in their programs (one in bush communities)	Nurses and RK and trainers	Awareness, distribution lists Hospital growth monitoring records	Quarterly, Monthly
	29	Woman's livelihood improve and empowered by improving their knowledge and skills	50% of KGA and partner activity participants are women. 45% of woman are empowered through training and skills improvement 20% have improved livelihoods	RK	Survey, FOCUS group discussion	Quarterly
	28.	MHMS supports woman and nutrition program	Received funds from MHMS and agreement signed in collaborating	RK, Nutrition unit and non communicable disease	Agreements signed. And implementation plan	Quarterly and annually
	27	Roles and responsibility is shared between gender	50% of PMN members (men and women) report better sharing of gender roles.	Trainers, RK	PMN Survey Interview and FOCUS GROUPS	Quarterly and annually
	26	Develop better understanding in networking. Improve leadership. Empowered women with skill s & knowledge	At least 50% of KGA and partners training programs have women as participants 10% of women trainers 45% of women involved in KGA program feel more empowered, 60% of PMN women members are leaders in their	RK, trainers	PMN Household surveys Focus groups with women beneficiaries of KGA program PARTICIPANT LISTS	Quarterly Monthly

			community			
	25	Reduce respiration illness such as cough, and other related sickness cause by smoke	20% of woman with kiko stoves report improved health	Hospital and clinics. PSO	Medical record Research and survey Focus groups	Annually
	24	Reduce fuel/firewood usage in the kitchen	20% of women who adopt kiko stove say that One bundle of firewood last for 2 to 3 weeks	Trainers, RK, partners	Informal interview's	Quarterly Annually
	23	Reduce smoke in kitchen	20%of PMN members have a Kiko Stove	RK, trainers Managers	Household surveys	Annually
	22	Woman involved in decision making	50% of partner and KGA have women involved in decision making.	RK, partners, program support officer	Partners meeting records List of committee members	Quarterly Annually
Servi ces	21	Hospital patients, mothers and children's nutrition improved around target clinics	2 hospitals and at least 4 clinics integrate growth monitoring program. 20% reduction in infant under weights.	Nurses and RK, trainers	Medical records (growth monitoring cards and summaries)	Monthly, Quarterly
	20	Generate income for the individual family and save money	50 woman trained and 50% family earn more income	Trainers, program support officer	Participant lists Focus groups	Monthly quarterly
	19	Woman are able to earn (and save) income from making and using stove	5 enterprises make stoves as a small business. Income earned by woman from their sales	RK trainers, PM	Case Studies: Record of income of sales	.monthly quarterly
	18	Hospital garden and sup sup garden education by nurses expanded to one other province	MHMS to adopt from sasamunga and Atoifi to a national scale and spread to one other province by 2014 2 of KGA partners working with local health services	Garden establish	Nurses, trainers, PSO	Quarterly
	17	Improved food productions which lead to increase availability of food at home	100 woman have sup sup gardens, who attended training	Trainers, Program support officers,	Participant lists HH surveys	Quarterly Monthly
	16	Woman trainers able to train other woman	15 trainer trained 50 -100 woman in their area.(total of 750-1500)	Trainers	Case studies, participant lists,	Quarterly, Monthly
	15	Nurses advocate on nutrition and establish sups up garden	2 hospitals and surrounding clinics include Satellite clinics include nutrition and sup sup garden	PSO	Hospital reports Activity reports Case studies	Quarterly
	14	Woman participate in all KGA training	Each training has at least 50% of woman participate in	Trainers,	Training reports	Quarterly

		program	KGA and partner training.	program support officer	Participant lists on PMN Info System.	Monthly
	13	Improved Market access opportunity for women	2 woman's marketing groups formed per year	RK, trainers	Participant Lists Case studies	quarterly
	12	Kitchen Improved and improved cooking techniques for better nutrition	20% of PMN members with improved kitchen	RK, trainers	Participants list	Monthly quarterly
		Training of woman trainers in nutrition, sup sup garden and stove making	20 woman trained in nutrition, sup sup, garden	RK, trainers Partners	Participants list Training report	Quarterly
		Woman bulked orange flesh sweet potato and fruits	By 2014, 50% of PMN members with orange fleshed sweet potato and fruits trees in their garden.	RK, trainers and partners	List of materials distributed	Monthly and quarterly
		Trainers able to train other woman	Trainers trained 150 woman around their area in sups up garden and stove,	Trainers, woman,	Focus Groups	Annually
	11	Women adopted kiko stove	800 woman trained in Kiko stove making, used kiko stove in their kitchen	Trainers RK, Pm, partners	Interview, survey Number of woman with stove used	Monthly' Quarterly

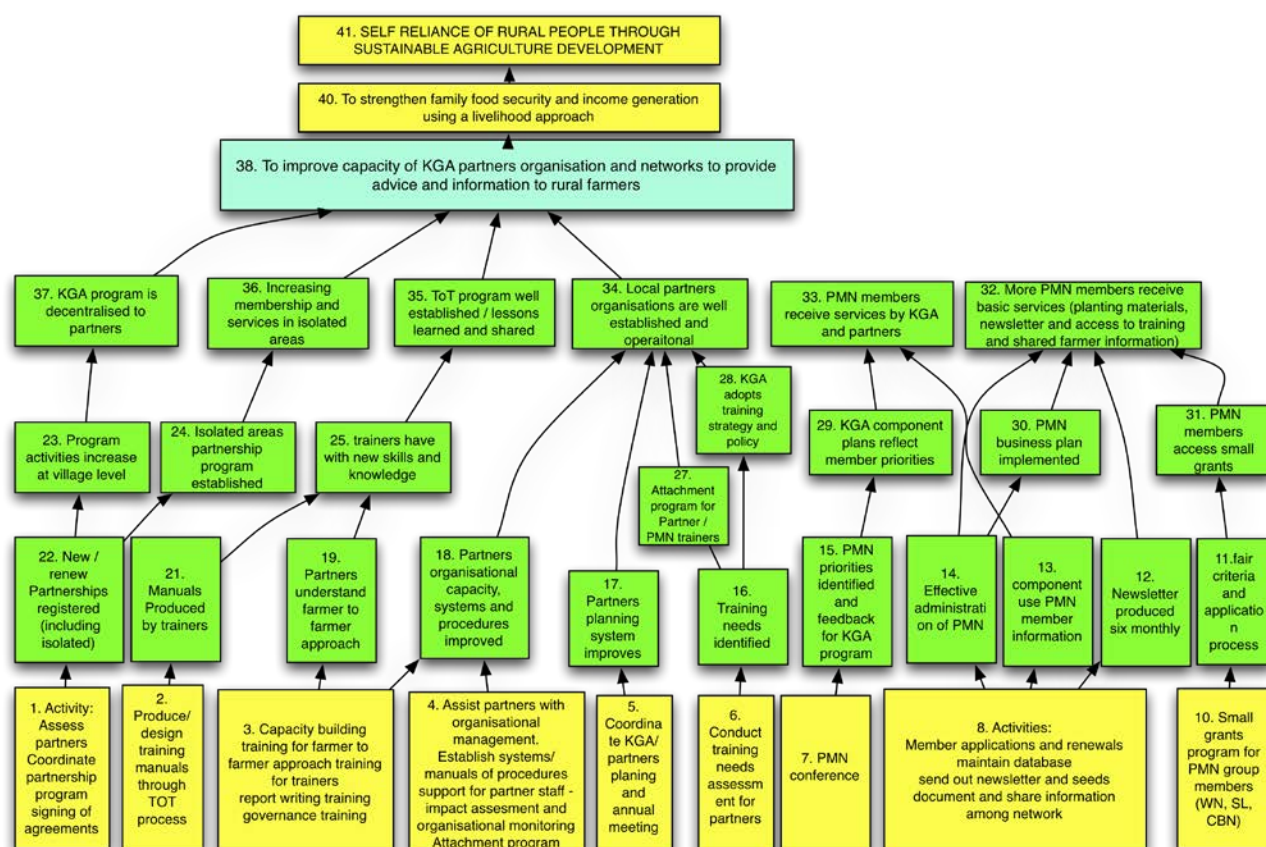
Main activities planned

1. KGA & KGA partners have better understanding about Gender.
2. Woman able to manage pest in their garden
3. Engagement with MOH and collaborate
4. Sasamunga & Atoifi Garden underway
5. OF: Training women farmers on marketing & roles of value chains. (Link with MP)
6. Training on Kiko Stove making.
7. Kitchen hygiene /cooking techniques
8. Develop model kitchen to isolated
9. Development of gender policy.
10. Training in Gender policy.
11. IPDM training.
12. TOT training -delivered to 15 women trainers.
13. Follow up training & evaluation changes in the home production
14. Nutrition & Health training focus on the Local food production.
15. KGA Linkage with other NGOs
16. Establish 2 model gardens.
17. Out reach to clinics to do the same as hospital & to isolated communities.

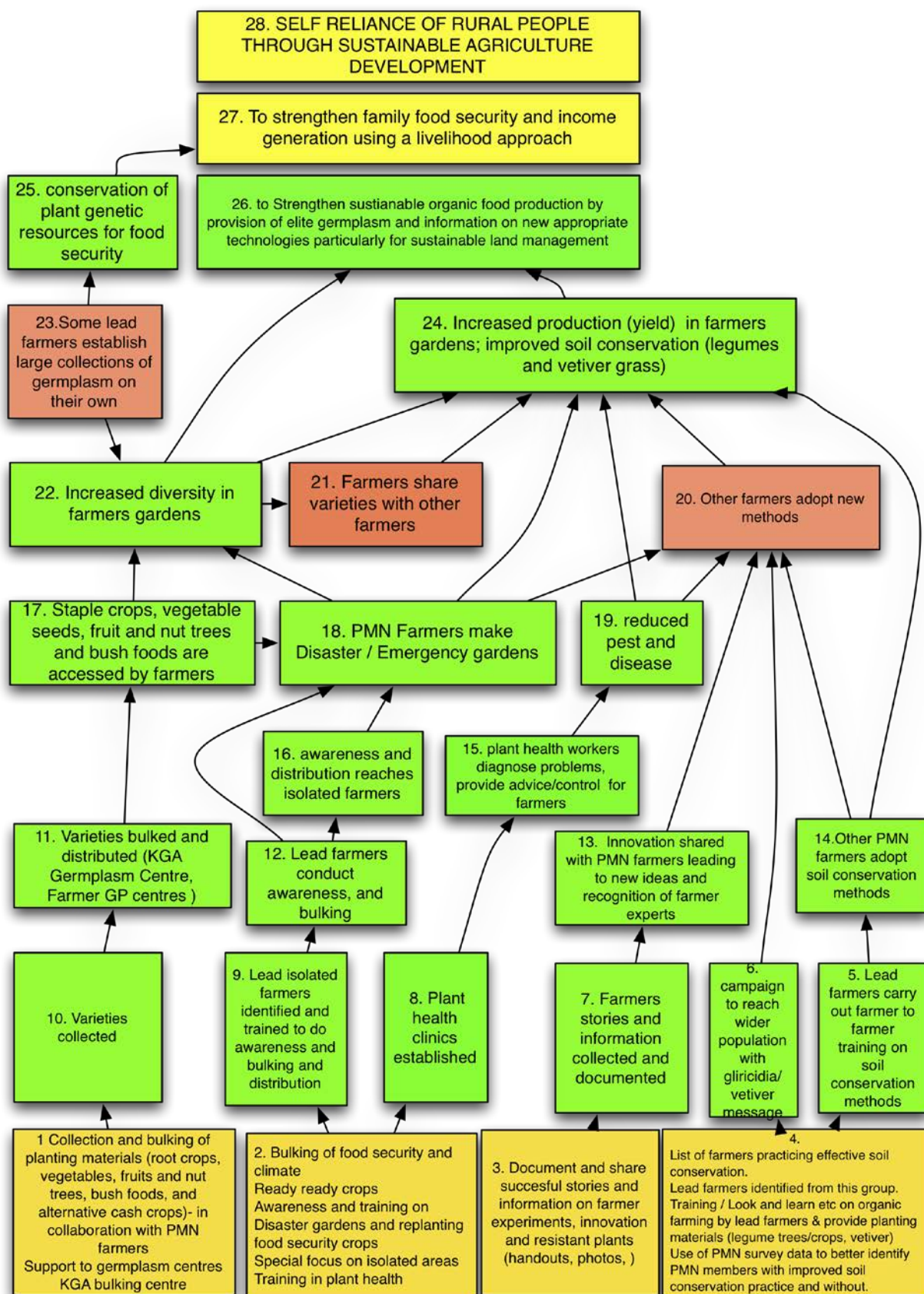
Annex 2

Results chains

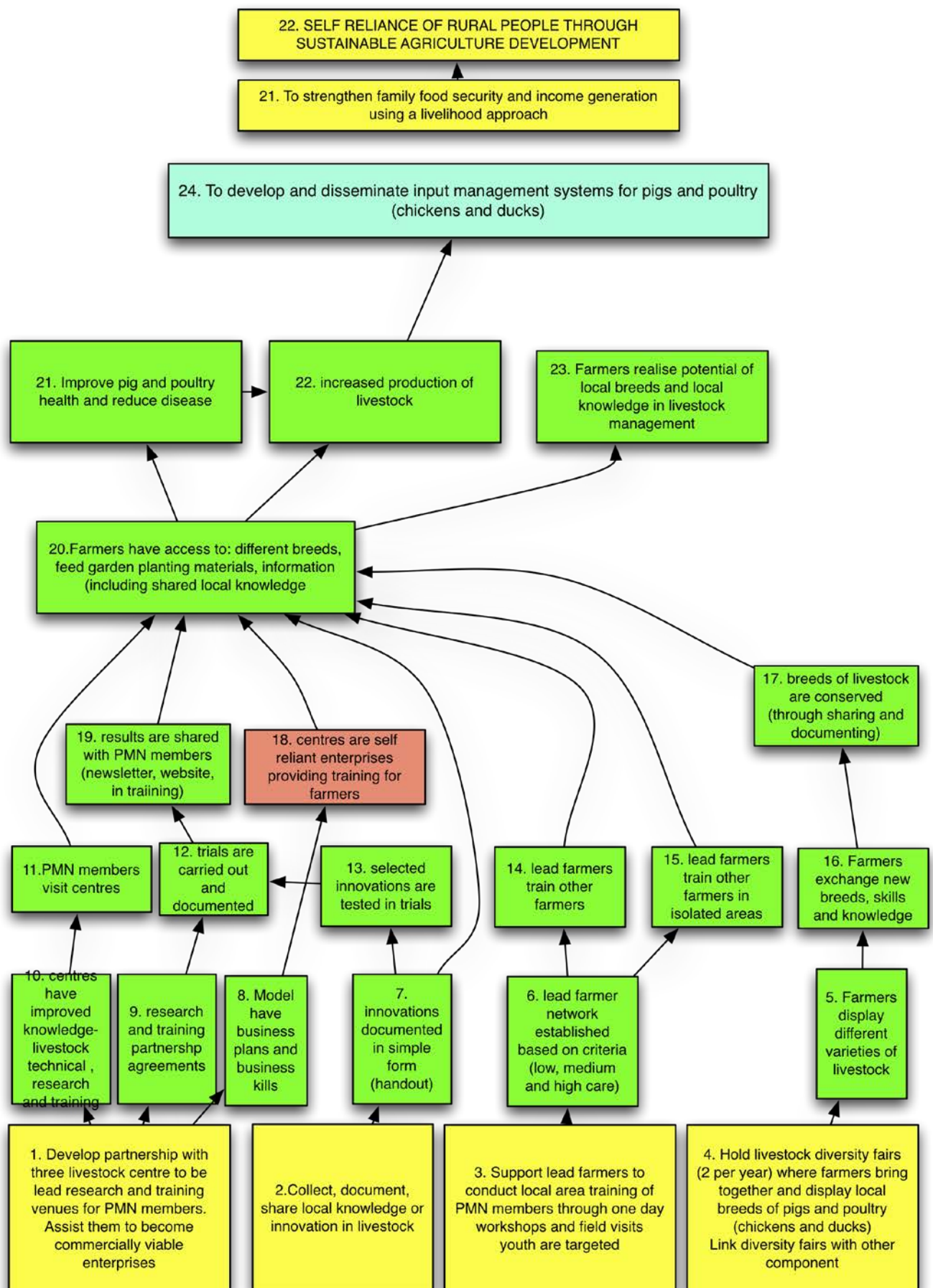
Results Chain: Capacity Building and Networking Component



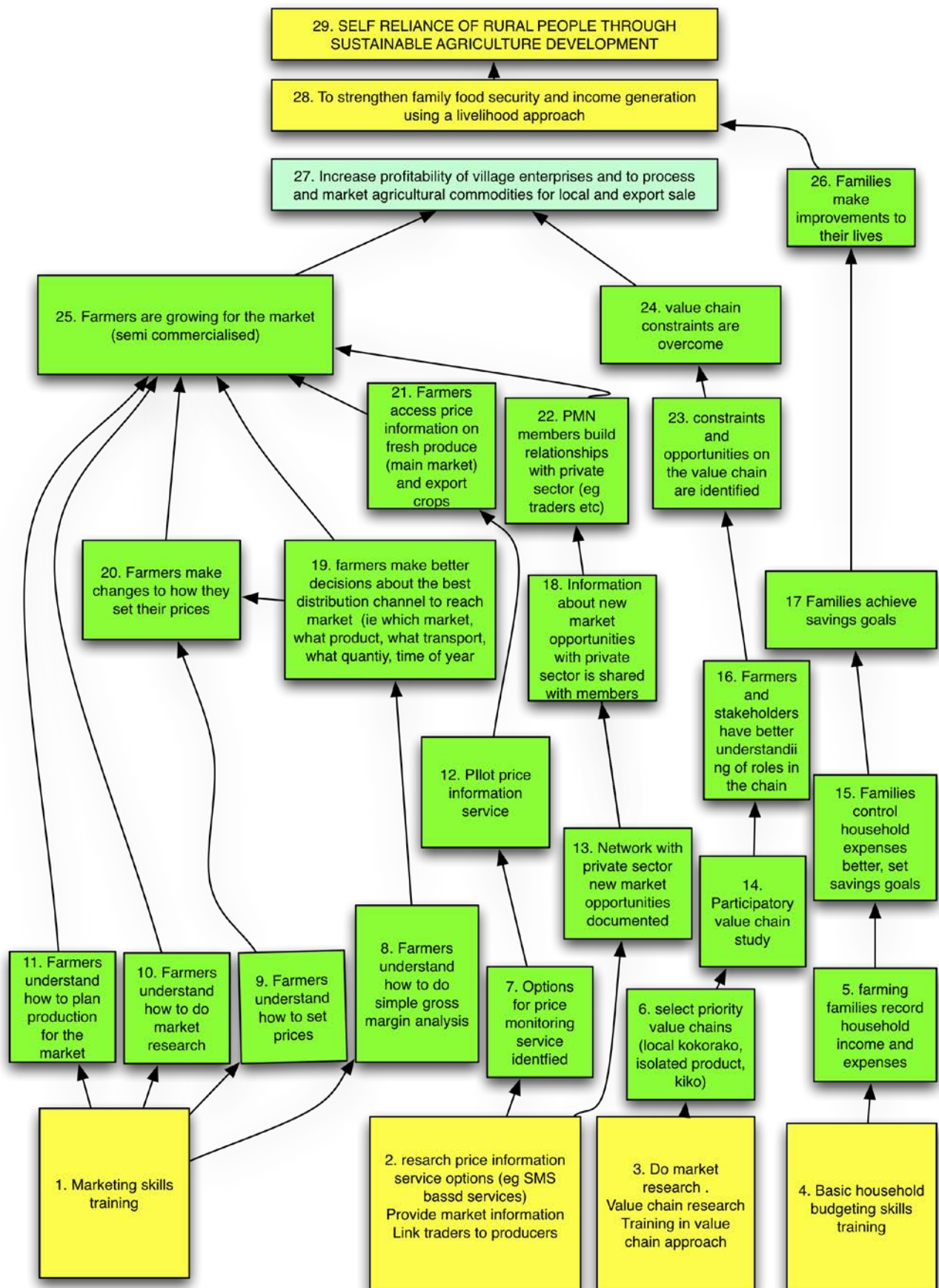
Results Chain: Organic Farming Component



Results Chain: Small Livestock Component



Results Chain: Marketing and Value Adding Component



Results chain: Women and Nutritional Health Component

