

ProGrOV 4th Project Workshop

Synthesising knowledge for scientific and general dissemination

Introduction for Session VI and VII

Objectives of Session VI & VII:

To discuss how best to synthesise knowledge generated in ProGrOV from the specific sub-projects and lessons-learned from implementation in the field and in general, from interacting with stakeholders, and from a value-chains perspective, as well as to plan and agree on the preparation of knowledge/information products to be available at the end of the project.

Expected outcome of Session VI and VII:

A list of agreed knowledge/information products to be prepared by the project in addition to the MSc and PhD thesis/papers of ProGrOV Component 1 and 2. The agreement will include names of the overall responsible as well as names of the actual main author and co-authors, deadlines, as well as audience and ideas on means of dissemination.

Agenda for Session VI and VII (based on the bullets in the workshop programme):

‘Setting the Scene’ and ‘Warming Up’ (2 hours)

1. Review of project tasks related to dissemination and synthesising of knowledge; the agenda and expected outputs of Session VI and VII (*Niels Halberg and Lise Andreasen –10 minutes*)– *please also see Annex A*
2. Overview presentation of published ProGrOV work incl. presentations at conferences and workshops (*by National Teams – a max of 10 minutes each, in total 30 minutes*)
The national teamleader will briefly present the ProGrOV work published by the MSc and PhD students from their university – *please consult the PhD and MSc agreements (signed at the workshop in Arusha) as well as Annex B*
3. Presentation and discussion of the outcomes of the pre-course assignment discussions (*one presentation per group – 15 minutes each, in total 45 minutes*)
4. Bridging between study findings and dissemination messages - what information is useful for stakeholders in the value chain (farmers, processors, middlemen, retailers), how should it be formulated, and in what form. (*Joint presentation by NOAMs –20 minutes*).
 1. KOAN, TOAM and NOGAMU representatives will summarize their experience in providing knowledge and information to different stakeholders in the organic sector. The presentation will inform the group on different stakeholders’ need for information, and how (in their opinion) to formulate research findings in order to enable the NOAMS to be ‘the messenger’ and ‘translate’, disseminate research findings and bridge the gap between research and development.
 2. Group reflections and questions in relation to the presentation by the NOAMS Discussion on bridging between study findings and dissemination messages – what are the gaps and how to overcome the gaps? (*Chair Fred Kabi – 15 minutes*)

Development of ideas and content of joint papers (scientific and popular) (4 hours)

- A Discussion in thematic groups (sub-components): Identification of ideas, content, authors and deadlines for joint products at sub-project level (*1 hour and 15 minutes*)
- B Discussion in Component 1 and 2: Identification of ideas, content, authors and deadlines for joint products at component level (*1 hour and 15 minutes*)
- C In plenum: Presentation of outcomes of discussion A and B (*30 minutes*)
- D Discussion C in plenum: Identification of ideas, content, authors and deadlines for joint products at project level (*1 hour*)

Completing and finalising agreements on knowledge/information/dissemination products (30 minutes)

The group will complete the list of knowledge/information/dissemination products and agree on responsibilities and deadlines – *please also see Annex C (Chair: N. Halberg)*

Introduction

Planning of activities for synthesising knowledge and preparing for dissemination was originally intended to take place at the beginning of the project. We did, however, agree at the first project workshop that it was too early for the project to plan for this, as other activities had to be prioritised namely the initiation and implementation of the individual MSc and PhD studies. This was also the situation at the 2nd and 3rd project workshop. Now is, however, the time!

Our Tasks According to the Project Document

Synthesising knowledge includes ‘translating’ the findings from the studies into information or tangible results that can be used by stakeholders in the value chains – farmers, processors, retailers, etc. In the project description we promise to synthesis findings from the project and to provide recommendations for a framework for support to organic agriculture and agribusiness development - based on the knowledge generated by the project, experiences gained and lessons learned. Examples of anticipated tangible results and knowledge from each of the sub-project to be included in such framework recommendations were listed in the project document (Annex 1 Table 3). The list of tangible results was developed from the objectives of each of the Components and Sub-projects. Therefore, when synthesising knowledge from the project, the original objectives and related tangible results have to be kept in mind, as the recommendation from the project components to be produced at the end of the project (by the responsible supervisors and component leaders) will have to review if or to what degree the project has achieved its objectives. Please revisit the project document and the objectives for your components and sub-projects respectively.

To be able to deliver such tangible results as indicated in the project document it is necessary to synthesise (or summarise, extract, condense, interpret, translate!) the findings of the studies as well as other experiences and lessons learnt through the implementation of the ProGrOV activities – specifically in relation to the research in Component 1 and 2, but also in relation to the capacity building of Component 3 and the more general experiences related to coordination and project management of Component 4. The synthesising of knowledge is thus additional to the scientific dissemination from the individual MSc and PhD projects - through publishing of thesis, making the thesis available at OrganicEprints or scientific articles.

The results from the MSc and PhD studies will, however, together with more general experiences and lessons learnt provide the platform for synthesising knowledge in other information products as also illustrated in Figure 1, for example:

- Joint scientific papers from sub-projects in Component 1 and 2
- Joint scientific papers addressing same value-chain
- Country-wise non-scientific synthesised findings
- General non-scientific synthesised findings for various groups of stakeholders
- Lessons-learnt from implementing participatory research approaches
- Lessons-learnt from partnerships between academia and the NOAMs

The three ‘end-of-project’ stakeholder workshops to be held by the national teams will be the ultimate opportunity for testing dissemination messages with stakeholders. ‘Translation’ of findings from the studies should thus focus on ‘what information to convey to stakeholders’, for example, at the 3 end-of-project workshops, as well as preparation of knowledge/information products for policy and decision makers, in the private and public sector as well as in the academic system (fellow researchers, professors, etc.).

We do in the project description not promise to undertake further dissemination activities, but we do state that findings from the project will be available in a form that can be used by the

NOAM’s for dissemination. This must also be considered in our plans for ‘translating’ scientific findings and the preparation of knowledge/information products.

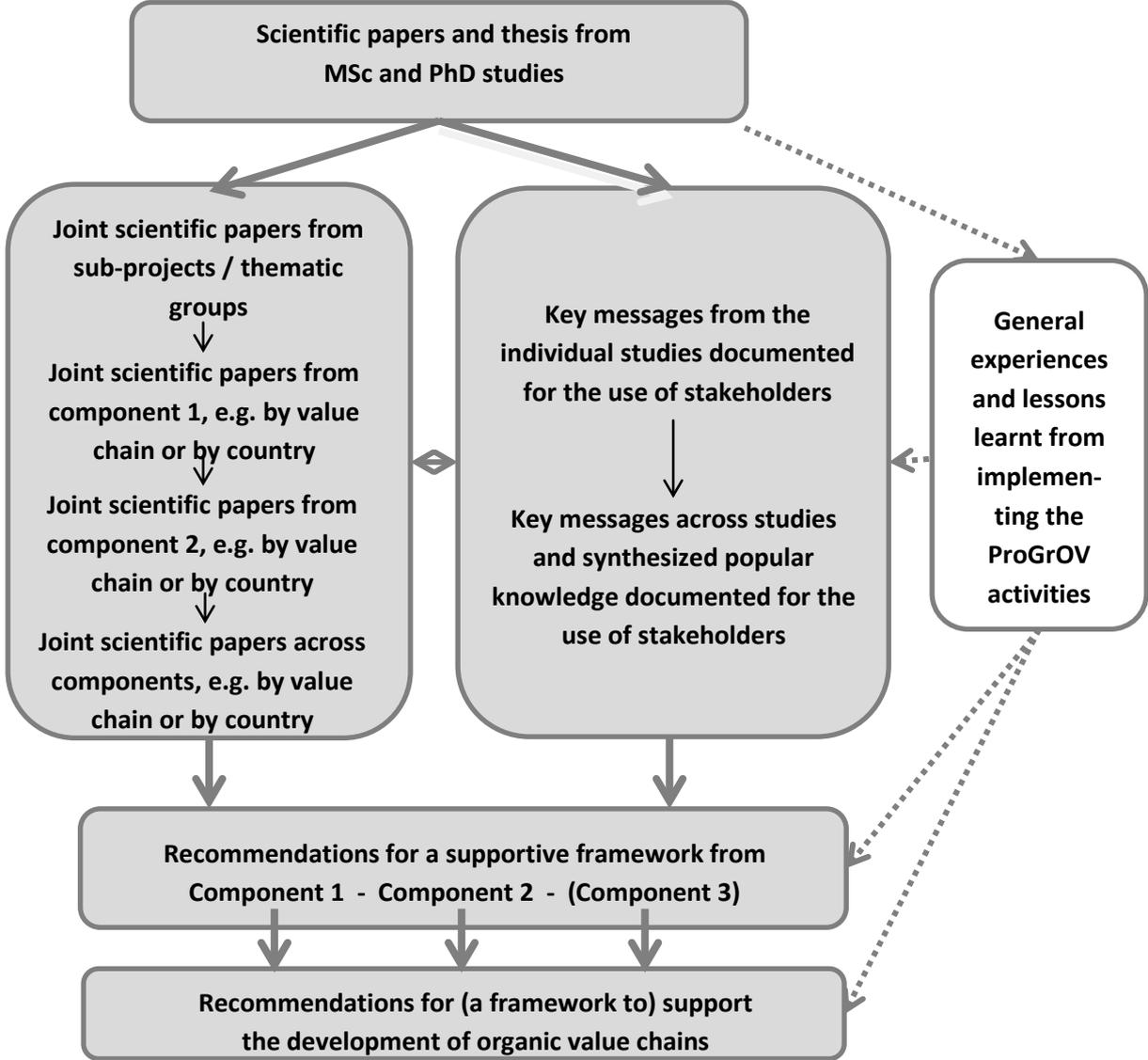


Figure 1: Overview of ProGrOV knowledge products and flow of information.

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Preparations for Session VI and VII

In order to start the process of extracting findings from the MSc and PhD courses and translating it to useable information, the students have been given a pre-course assignment ‘Findings and Key Messages – translating study findings into usable knowledge’. Each

student will before the meeting try to extract key-findings from their studies and explain how they could be used by farmers or other stakeholders, and if necessary what additional work has to be undertaken to make it useful for farmers or other stakeholders. This will be discussed with the supervisors in the sub-project teams during the write-shop days before Session VI and VII with focus on how findings and/or key messages can be expressed in short and easily understood sentences and extended to end users. This will be presented to the full ProGrOV team at the beginning of Session VI.

Likewise will the representatives from KOAN, TOAM and NOGAMU before the meeting have discussed and prepared information on their views of how to ‘translate’ scientific information from the project to end users. This will be presented to the ProGrOV team also at the beginning of Session VII. This should among other things include:

- How to deliver knowledge to stakeholders
- How to engage farmers in the process of ‘translating’.

At the 3rd ProGrOV project workshop, we did take the first steps in the direction of extracting messages for end-users from the studies – see Annex C, Table 1. Following the project workshop a few further suggestions for key messages were submitted to the Coordinator – see Annex C, Table 2.

In Session VI and VII we will continue this process of identifying and agreeing upon the preparation of scientific and popular articles, other information products, as well as the process to be followed for the preparation of recommendations on how to support the development of the organic production in the value chains studied in the ProGrOV. We have prepared a template list of information/knowledge products – please see Annex D. This list is to be reviewed and completed during Session VI and VII jointly by all ProGrOV participants. The list includes the key messages discussed at the 3rd project workshop (Annex C) and is organized according to the different information products envisaged in the project document (illustrated in Figures 1 and described in Annex A).

In the process of completing the list we will discuss and prioritize the suggested knowledge products according to relevance, importance, as well as project capacity and resources - this in order to produce an agreed and realistic list of products to be produced with details on whom, when and how. To kick-start the process of preparing knowledge products we might use cases, for example, ‘lessons learnt in relation to developing a value chains approach, and/or ‘lessons learnt in implementing participatory methods in MSc and PhD project’.

Sub-project 4.1 – Synthesis and Dissemination

Sub-project Leader-Board: Dr. Niels Halberg/Lise Andreassen (ICROFS) and Dr. Fred Kabi (MAK)

Output: Project findings synthesized and recommendation provided for a framework for support to organic agriculture and agribusiness development and disseminated to key stakeholders in Uganda, Kenya and Tanzania.

Introduction

Synthesis of findings in the different sub-projects and dissemination of results are key elements of the ProGrOV project focusing on securing an effect of the project findings within the organic sector as well as benefiting wider agri-business development. The 9 PhD studies and 6 MSc studies constitutes the core of the research program. To facilitate that the results of the studies will contribute to the overall objective of the project it is important to synthesise the findings of Component 1 and 2 and to put it into a perspective that helps identify the drivers of the development of the sector and helps identify models and frameworks for policy support.

The synthesis will be coordinated by ICROFS based on experiences from several research programmes (DARCOF I-III, CORE Organic and projects such as GlobalOrg and the recent white paper on the Danish organic sector) and will answer to the projects overall hypothesis:

‘Improved organic value chains may serve a dual purpose:

- *developing and demonstrating innovating partnership models for chain based economic and social growth; and at the same time*
- *improving productivity potential and sustainable natural resource management’.*

The project will adopt a knowledge interaction approach to form iterative cycles of problem definition jointly with project team and end-users, relevant research activities, interpretation and dissemination to help focus the project and dissemination on solving end user problems related to successful development of organic value chains (Hawkins et al., 2009; Høegh-Jensen et al., 2010). In order to ensure wide consultation and early dissemination a number of stakeholders will be invited for the back-to-back meetings with the project workshops. The close collaboration with the organic organizations (NOGAMU, KOAN, and TOAM) will also help facilitate the dissemination of relevant project results to the various stakeholders in the region. Representatives from the national organic organizations will themselves be involved in all major project workshops and detailed planning of dissemination. They will also help identifying other stakeholder representatives to involve.

Overall approach to synthesizing and disseminating results from sub-projects

While value chain assessment and agro-ecology are well established methodologies - each building on a number of scientific disciplines - little research has been carried out in order to combine these approaches into an overall framework (sections 1.3 and 4.4 in the main project document). The integration of these approaches needs to be further developed especially focusing on how such analyses may be used pro-actively for the purpose of jointly improving chain governance, sustainability of farming methods and farmers livelihood. This is the challenging goal of this ‘synthesis sub-project’. The PhD and MSc research in Components I and II is carried out with full respect to their individual disciplines and their methodological rigour but research focus will be selected to ensure complementarities as described in section 4. The Sub-project 3.1 – Capacity Building will ensure that the students and researchers are exposed to the specific context of organic agriculture and the overall concepts of agro-ecology and value chains. On this basis the Sub-project 4.1 will facilitate a synthesis between the findings in the disciplinary studies *a)* along the value chains, *b)* across different value chains and countries and *c)* combining the value chain and agro-ecology approaches by engaging all participants (students, supervisors and organic organisations) in structured sessions at the project meetings.

Feed-back from stakeholders will be sought during the project and the project will raise awareness on its findings and recommendations through various means of dissemination. First, immediate and continuous knowledge transfer will be a key part of the research in the case chains and the farmers

and chain actors and companies will be involved in problem description and in interpretation and discussion of research results. Second, the new knowledge will be disseminated through the organic organizations to their members and other interested stakeholders. Farmer advisory services in the countries will be targeted with material explaining the results from the field trials and the chain based approach to adoption of agro-ecological methods. Third, relevant business organizations will likewise be informed of the results of the value chain research in written material and by invitation to workshops. Fourth, policy makers will be the target of information regarding the potential and challenges for organic value chains to act as vehicles for economic rural development. The project will produce draft material suitable for subsequent preparation of training course manuals for chain actors and companies by the organic organizations and other NGOs in order to supplement the few handbooks and guidelines that exist in this area (Elzakker and Eyhorn, 2010).

TABLE 3. Generalizations of knowledge gained from the specific chains used for case research will be the basis for wider dissemination following the expected list of deliverables in table 1. (only one result per sub-project mention here)

Sub-project	Expected tangible results ¹	Target end user	Stakeholder representatives ²
1.1	Strategies for integrating market oriented livestock production in areas producing high value cash crops	Farmers, Advisors, NGOs, research environments	NGOs, extensionists, veterinarians, organic organisations
1.2	Methods for chain based quality driven soil fertility management in cash crops	Farmers, advisors, NGO's, researchers	Involved farmers and local advisors,
1.3	Integrated pest management strategies for high value organic pineapple and vegetables tested and evaluated	Scientists, extension service, NGOs, growers	Scientists, extension service, NGOs, growers
2.1	Improved strategy for the role of the organic organizations in facilitating improved chain partnerships, governance and innovation	Companies, traders, advisors, NGO	organic organizations,
2.2	Recommended strategies for improved links between domestic consumers and organic suppliers	Companies, traders, advisors, NGO	Local company and traders involved, organic organizations,
2.3	Recommended strategies for market expansion of organic products in the tourist industry	Companies, traders, advisors, NGO	Local company and traders in project, organic organizations,
4.1	Improved methodological integration of value chain and agroecology approaches in local innovation	Researchers, NGO's, farmers organizations, advisors	University partners, organic organisations
4.1	Technical input for training module for improved chain management	Companies, traders	Organic organizations, NGOs

1) Only one result per sub-project described here representing deliverables from several PhD and MSc studies

2) Actual participants or stakeholders with whom the project will be in contact for first level of dissemination.

Main Activities

Activity 4.1.1 Planning of activities for and outline of synthesis of knowledge and dissemination

At the first project workshop the CBTF will meet to discuss objective, target groups and focus of the dissemination and synthesis and recommendations for a framework for support to organic agriculture and agribusiness. Methodology will be discussed and an initial plan for integrating the chain based and agroecology based project findings and give recommendations will be prepared

stating division of responsibilities among the CBTF members. A draft dissemination plan will be adopted stating responsibilities for a sequence of regular project articles in popular form to be published building partly on the well established procedures in ICROFS as coordinator of Danish and European research programmes and responsible for dissemination of large EU-projects (Qlif, CertCost, CoreOrganic,..) and on the organic organisations well-established capacities and networks.

Given the conditions of advisory services and potentially vast target groups in East Africa other means of dissemination through for example radio broadcasts will be considered.

Activity 4.1.2 Stakeholder consultations and information meetings

At the beginning of the project in relation to fieldwork to be undertaken, community meetings/workshops with the farming communities will be held jointly by the students supported by their supervisors and the organic organisations to mobilise the communities to participate and share their opinions and experiences. The chain actors, organisations, local communities and farmer groups and other stakeholders in the chain will be kept informed on the findings of the studies that will be reported back to them at meetings and with the assistance of the organic organizations (NOGAMU, KOAN, TOAM). Likewise, the experiences gained from interactions with stakeholders in the organic value chains will be reported back to the meetings of CBTF at the Project Workshops.

The process involved in synthesis and preparation of a framework for support to organic agriculture and agribusiness will involve stakeholder consultations. Stakeholder consultations are scheduled to take place in Tanzania in month 20, in Kenya in month 35, and in Uganda in month 47 back-to-back with the Project workshops. At these consultations key stakeholders in the value chains and among policy makers will be invited to give feedback to the project partners. This will also feed into the project's recommendations for a framework for support to organic agriculture and agribusiness.

Activity 4.1.3 Preparation of synthesis and recommendations for a framework for support to organic agriculture and agribusiness

The CBTF will be responsible for jointly providing inputs to the synthesis as explained above and develop a set of recommendations from the project. 3 consecutive sessions will be held in relation to the 2nd, the 3rd and the 4th project workshop in preparation of the synthesised recommendations. In between project workshop progress in synthesising results and knowledge developed during the project will take place via e-mail coordinated by ICROFS. The aim is to prepare draft material for subsequent use by the organisations and other NGO's to develop and offer training modules in value chain governance and farmer innovation of products and agro-ecological methods in a value chain approach.

Activity 4.1.4 Knowledge dissemination through scientific publications, websites, newsletters and OrganicEprints

Research results will be disseminated to the scientific community through papers in scientific publications. Furthermore, project documents such as PhD thesis, MSc dissertations, reports from workshops and meetings, presentations provided in relation to the project, etc. will be published at the web-based open archive Organic Eprints¹. Articles produced in relation to the project and its work will also be published in the ICROFS newsletter as well as newsletters and leaflets of the organic organisations.

Following the dissemination plan from activity 4.1.1 popular articles and pamphlets and input for radio programs will be produced for the target groups in the organic value chains and potential

¹ Organic Eprints is an open, on-line archive for research in organic agriculture with more than 8,000 publications – and growing rapidly. The archive is established and hosted by ICROFS. All use of the archive is free of charge. There are 10,000 registered users of Organic Eprints, and the archive has more than 100,000 visitors each month. The archive contains scientific and popular articles, reports, presentations, project descriptions, books and other research publications.

future actors, as identified in table 4.1.1. The partner organisations will be responsible for translation of dissemination material into relevant local languages.

Activity 4.1.5 Dissemination workshops

The project will organize 3 stakeholder dissemination workshops – one in Uganda, one in Kenya and one in Tanzania towards the end of the project. Stakeholders invited to these workshops will include policy makers, private business in organic value chains as well as in other agricultural value chains, researchers, and relevant business organisations. The recommendations of the project for support to the development of organic value chains and agribusiness will be presented in this forum.

Milestones

- | | | |
|----------|---|------------|
| M.4.1.1: | Detailed Plan for synthesis and dissemination prepared | (month 6) |
| M.4.1.2: | Stakeholder Consultation held in Kenya and brief minutes/report prepared | (month 20) |
| M.4.1.3: | Stakeholder Consultation held in Tanzania and brief minutes/report prepared | (month 35) |
| M.4.1.4: | Draft of recommendations for a framework for support prepared | (month 46) |
| M.4.1.5: | Stakeholder Consultation held in Uganda and brief minutes/report prepared | (month 47) |
| M.4.1.6: | Final recommendations for a framework for support published | (month 49) |
| M.4.1.7: | Dissemination workshops held in Kenya, Tanzania and Uganda | (month 50) |

List of publications, presentations etc. produced by project

Reports:

- The report from the first Stakeholder Consultation; **“Organic Agro-Value Chains And The East African Tourist Market”** 23rd September 2012 Arusha Tanzania http://www.icrofs.org/pdf/2013_progrov%20Stakeholder%20workshop%20report.pdf
- The report from the second stakeholder consultation **“Kenya Organic Agriculture Stakeholders Workshop Dissemination and Packaging of the ProGrOV studies”** 12 September 2013 Nairobi, Kenya <http://www.icrofs.org/progrov/pdf/Stakeholders%20report%20%20Progrov%20Workshop%202013.pdf>

Conference and Workshop Presentations and Posters:

- The 2nd African Organic Conference – **Mainstreaming Organic Agriculture In The African Development Agenda, Book Of Abstracts**; May 2-4, 2012, Lusaka, Zambia [http://www.icrofs.org/pdf/PROGROV_AOC2%202012%20book%20of%20abstracts%20internet%20version%20\(2\).pdf](http://www.icrofs.org/pdf/PROGROV_AOC2%202012%20book%20of%20abstracts%20internet%20version%20(2).pdf) Includes the following:
Abstracts:
 - **Challenges of conversion to organic livestock production in smallholder farms in Kenya.** Odhong, C.O, Vaarst, M and Wahome, R.G. page; 43
 - **Opportunities for organic market development in Tanzania.** Lazaro, E.A., Donasian, S. and Sibuga, K.P. page;47Posters:
 - **Climate change and variability: experience, coping and adaptation strategies among smallholder organic farmers of central Kenya.** Ndhuku, O. H, Onwonga, R.N. Wahome, R.G. Jensen, H.H. page; 50
 - **Network organizations of organic value chains in Kenya’s tourism industry.** Njenga,J., Karuri, E.G., Nzuma, J., Wangoh, J. and Wahome, R.G. page; 53
 - **Evaluation of the traceability systems in the organic value chains in Kenya.** Njenga,J., Karuri, E.G., Nzuma, J., Wangoh, J. and Wahome, R.G. page; 53
 - **Governance of domestic markets for organic product in Kenya.** Murimi, L., Nzuma, J. and Wahome, R.G. page; 54
 - **Productivity and Growth in Organic Value Chains in Uganda, Kenya and Tanzania.** Andreasen, L., Halberg. N. and Jensen, H.H. page; 56 http://www.icrofs.org/pdf/PROGROV_Poster_AfricaConference_May2012.pdf
 - **Challenges faced by smallholder organic farmers of the central and rift valley province of Kenya.** Genga, Q., Onwonga, R. and Jensen, H page: 61
- Makerere University was invited to participate in the national organic pineapple platform organized by a Dutch NGO called SNV. The platform includes Private sector, farmers, organic certification bodies, processors, exporters, policy makers and NGOs promoting organic agriculture the majority of who are involved in the ProGrOV research. The following presentations were made on 26th of September 2013
 - **Integrating Dairy cattle in organic pineapple production for improved farm productivity** by Sylvia Nalubwama (PhD student)

- **Pest management approaches for mealy bugs (*dysmicoccus Spp*) in organic pineapple production** by Samuel Kabi (PhD student)
- **The global value chain of organic pineapples from Uganda** by Norman Kwikiriza (PhD student)
- **Understanding consumer characteristics and preferences for organic product attributes** by Stephen Anecho (MSc. Student)
- **Dry season supplementation of smallholder dairy cattle with organic pineapple wastes** by Muhammad Kiggundu (MSc student)
- In 11th African Crop Science Society Conference, Imperial Botanical Beach Hotel, Entebbe-Uganda, PhD student Norman Kwikiriza presented a paper on **The Global value chains of organic pineapples from Uganda** N. Kwikiriza., J. Mugisha., P. Rye Kledal. K. Karantininis and C. Namuwoza (2013)
- During the Nordic Organic conference, Lise Andreasen presented a paper authored by Andreasen, L. and Lazaro, E. (2013) on [Productivity and growth in organic value chains in East Africa – potentials and challenges for accessing local high value markets](#). This can be found in: Løes, Anne-Kristin; Askegaard, Margrethe; Langer, Vibeke; Partanen, Kirsi; Pehme, Sirli; Rasmussen, Ilse A.; Salomon, Eva; Sørensen, Peter; Ullvén, Karin and Wivstad, Maria (Eds.) *Organic farming systems as a driver for change*, NJF Report, no. 9 (3), pp. 35-36
- **‘Research across the agricultural value chains’** by Evelyne Lazaro during the side event on Deepening Ecological Organic Agricultural Research in Africa at the East Africa Organic Conference - July 2-4 2013, Dar es Salaam, Tanzania
- [What is the consumer perception of organic food?](#) by Samuel Ndungu, from Kenya Organic Agriculture Network (KOAN) during the East Africa Organic Conference - July 2 To 4 2013, Dar es Salaam, Tanzania
- [The East African Organic Products Standard & the East African Organic Mark, current status and future plans](#), by Eustace Kiarii, from Kenya Organic Agriculture Network KOAN during the East Africa Organic Conference - July 2-4 2013, Dar es Salaam, Tanzania
- **Animal husbandry practices of smallholder organic farmers in Uganda: challenges and future prospects**. Nalubwama, S. (to be presented at the Organic World Congress 2014, 13th -15th October Istanbul Turkey)

Articles:

- H.H. Jensen et al 2011 **Innovation Research in Value chains**. ICROFS Newsletter Issue 2 September 2011 http://www.icrofs.org/pdf/l_news_2011_2_page_11_13.pdf
- **Productivity and Growth in Organic Value Chains (ProGrOV) 2nd Project Training Workshop and Project Meeting**, 19-23 September 2012 published in the ICROFS newsletter http://www.icrofs.org/pdf/2013_progrov%20fra%20icrofs%20news%20oct%202012.pdf
- MSc graduate Josphat Njenga published an article with the ICROFS newsletter on [Networks organization along organic foods value chains in Kenya](#) ICROFS Newsletter Issue 2 June 2013
- The ProGrOV [3rd Project Training Workshop and Project Meeting 8-15 September 2013](#) article was published in the ICROFS newsletter Issue 3 September 2013
- Nalubwama S, Vaarst M, Kabi F, Kiggundu M, Bagamba F, Odhong C, Mugisha A and Halberg N 2014 **Challenges and prospects of integrating livestock into smallholder**

organic pineapple production in Uganda. Livestock Research for Rural Development. Volume 26, Article #113. Retrieved , from <http://www.lrrd.org/lrrd26/6/nalu26113.htm>

- The Uganda team are publishing together with FAO a case study on case studies on innovative approaches (public, private and/or civil society) designed to link sustainable crop production practices with local markets for sustainable products in developing countries. The title of the case study is '**The role of cooperative in linking sustainable agro ecological farming practices with market: a case study of Kangulumira area cooperative (KACE) in Uganda**'. Date of publication is to be shared.

Book Feature:

- ProGrOV has been featured in the book '**Organic Agriculture for Sustainable Livelihoods**' published by Earthscan (Chapter 11 on 'Research needs for development of organic agriculture in Sub-Saharan Africa) <http://www.routledge.com/books/details/9781849712965/>

Project information material and websites:

- The Project is featured on the ICROFS website under '**International Research**' where it has its own pages with information on the project <http://www.icrofs.org/Pages/Research/progrov.html>

ProGrOV project leaflet http://www.icrofs.org/pdf/ProGrOV_web.pdf

Table 1: Results from group discussions on ‘Specific plans for dissemination within next 6-12 months: 2-3 ideas, incl.: specific results or other messages; means of dissemination; deliverables: which texts or other info; responsible persons and deadlines’

Key message that can be taken to stakeholders from ProGrOV	Stakeholder in focus	Means of dissemination (what ‘vehicle’)	Responsible researcher/organization Deadline
What are the real benefits of organic products (experience from consumer studies that consumer might not have the correct understanding of organic products – impact on health is not proven, but a common belief of consumers) / summary of consumer studies	Marketing people, Traders	Leaflets, easy read documentation, easy distributed to consumers (for traders one-on-one dialogue)	KOAN Kiarrii, Stephen, Njenga + supervisors
The advantages of mulch for pest control in vegetable production	Farmers, extension, experts in MoA	Radio, events (ex. global green action week in TZ), SMS, leaflets, media briefs	TOAM Lillian, , Adolf + supervisors
The potential of using pineapple waste for silage making - or? How to bridge off-season feeding situation through the use of pineapple waste	Farmers and processors		NOGAMU Kiggundu, Sylvia, Kabi + supervisors
The advantages of using FYM and RP in cropping systems	Farmers, Extension, researchers and policy makers	Field days, demonstrations, manuals, videos	KOAN Haggai, Quin + supervisors
The need for farmers to work in group (reduce transaction costs) to develop the VC	Farmers, extension,	Farmers’ forum, brief on this issue	TOAM Donasian + supervisors
Cost/benefit on organic vegetable production (economics of production)	Farmers, extension, students policy makers	Leaflets, stakeholder forums, web-based information	KOAN Samuel N, Adolf, Quin and Haggai + supervisors

Table 2: Suggestion for key messages formulated after the project workshop.

Key message that can be taken to stakeholders from ProGrOV	Stakeholder in focus	Means of dissemination (what ‘vehicle’)	Responsible researcher/organization Deadline
Descriptions/clarification of the various organic marks available in the East African Region	Farmers, retailers, consumers	Stakeholder forum, leaflets	NOGAMU Stephen Anecho + Supervisors
Highlight the factors limiting demand in the domestic market	Retailers, Consumers Policy makers	Stakeholder forum, Leaflets	NOGAMU Stephen Anecho + supervisors
List of Requirements to market in different channels <ul style="list-style-type: none"> • Highlight the Benefits of selling through different channels • Description of Price transmission in different channels 	Retailers Consumers Policy makers	Stakeholder forum, Leaflets	KOAN Leah + Supervisors
The importance of integrating chickpea on yield attributes of tomato, kales and maize	Farmers, Extension agents, researchers and policy makers	Field days, demonstrations, manuals, videos	KOAN Haggai, Quin + supervisors

List of knowledge products to be produced by ProGrOV participants

Overall responsible for delivery of knowledge product (supervisor or national team leader)	Theme and 'for whom'	Main responsible author or producer	Co-authors or co-producer	Deadline Month/year
Component 1				
Sub-project 1.1 objective: Potentials and effects identified and methods developed for value addition and diversification of organic value chains through integrated livestock management and production				
<i>Tangible result: Strategies for integrating market oriented livestock production in areas producing high value cash crops</i>				
<i>Sub-project 1.1 Joint Scientific Products</i>				
<i>Sub-project 1.1 (Joint) Popular Products – Key Messages</i>				
?	The potential of using pineapple waste for silage making - or? How to bridge off-season feeding situation through the use of pineapple waste	Kiggundu, Nalubwama, Namuwoza?	?	?
Sub-project 1.2 objective: Methodologies developed and capacity strengthened for addressing product quality in organic vegetable chains through soil capacity parameters.				
<i>Tangible result: Methods for chain based quality driven soil fertility management in cash crops</i>				
<i>Sub-project 1.2 Joint Scientific Products</i>				
<i>Sub-project 1.2 (Joint) Popular Products – Key Messages</i>				
?	The advantages of using FYM and RP in cropping systems	Ndukhu, Genga, Kiarri?	?	?
?	The importance of integrating chickpea on yield attributes of tomato, kales and maize	Ndukhu, Genga, Kiarri?	?	?

Sub-project 1.3 objective: Integrated pest management packages developed for selected organic value chains and capacity to develop integrated approaches strengthened.				
<i>Tangible result: Integrated pest management strategies for high value organic pineapple and vegetables tested and evaluated</i>				
<i>Sub-project 1.3 Joint Scientific Products</i>				
<i>Sub-project 1.3 (Joint) Popular Products – Key Messages</i>				
?	The advantages of mulch for pest control in vegetable production	Saria?, Shechambo? Gama?	?	?
Component 1 objective: New agro-ecological methods developed and tested for improved agricultural productivity and growth in a value chain perspective, based on challenges related to integrated organic production including soil and livestock components and to quality and pest management in a value chain perspective				
<i>Component 1 Joint Scientific Products</i>				
<i>Component 1 Joint Popular Products</i>				
<i>Component 1 Recommendations</i>				
Wahome, Henning?	Recommendations for a framework to support the development of the organic sector based on knowledge generated in Component 1 (for research and development policy and decision makers)	?	?	October 2015

Component 2				
Sub-project 2.1: Improved governance structures developed for organic chains for export and the capacity strengthened in theory and methods for analyzing the organization of global organic value chains.				
<i>Tangible result: Improved strategy for the role of the organic organizations in facilitating improved chain partnerships, governance and innovation</i>				
<i>Sub-project 2.1 Joint Scientific Products</i>				
<i>Sub-project 2.1 (Joint) Popular Products – Key Messages</i>				
?	The need for farmers to work in group (reduce transaction costs) to develop the VC	Severine, Gama?	?	?
Sub-project 2.2: Improved governance structures developed for organic chains for modern supermarket and procurement systems and the capacity strengthened in theory and methods for analyzing the organization of domestic organic value chains.				
<i>Tangible result: Recommended strategies for improved links between domestic consumers and organic suppliers</i>				
<i>Sub-project 2.2 Joint Scientific Products</i>				
<i>Sub-project 2.2 (Joint) Popular Products – Key Messages</i>				
?	What are the real benefits of organic products (experience from consumer studies that consumer might not have the correct understanding of organic products – impact on health is not proven, but a common belief of consumers) / summary of consumer studies	Kiarii, Anecho, Njenga?	?	?
?	Cost/benefit on organic vegetable production (economics of production)	Kiarii, Ndungu, Genga, Ndukhu	?	?
?	Descriptions/clarification of the various organic marks available in the East African Region	Anecho, Namuwoza	?	?
?	Highlight the factors limiting demand in the domestic market	Anecho, Namuwoza	?	?
?	List of Requirements to market in different channels - Highlight the Benefits of selling through different channels - Description of Price transmission in different channels	Murimi, Kiarii?	?	?

Sub-project 2.3: Improved governance structures developed for organic chains for the tourist industry and the capacity strengthened in theory and methods for analyzing the organization of organic value chains operating within the tourist sector				
<i>Tangible result: Recommended strategies for market expansion of organic products in the tourist industry</i>				
<i>Sub-project 2.3 Joint Scientific Products</i>				
<i>Sub-project 2.3 (Joint) Popular Products – Key Messages</i>				
Component 2 Objective: Strategies for improved OA agribusiness development and understanding of modern food chains developed and the potentials; and strategies to overcome challenges suggested for sustainable growth and development in existing and new OA value chains involving smallholder farmers in Uganda, Kenya and Tanzania.				
<i>Component 2 Joint Scientific Products</i>				
<i>Component 2 Joint Popular Products</i>				
<i>Component 2 Recommendations</i>				
Lazaro, Kostas, Paul?	Recommendations for a framework to support the development of the organic sector based on knowledge generated in Component 2 (for research and development policy and decision makers)	?	?	October 2015

Component 1 and 2				
<i>Component 1 and 2 Joint Scientific Products (by chain or by country)</i>				
<i>Component 1 and 2 Joint Popular Products (by chain or by country)</i>				
Component 3				
Component 3 objective: Young researchers scientifically trained in discipline oriented research methods and their relevance for OA chain development; and the research capacities of the participating universities as well as the regional research collaboration between universities, public and private sector strengthened bridging different incentive structures for the benefit of chain actors.				
<i>Component 3 Joint scientific Products (is this relevant?)</i>				
<i>Component 3 Joint popular Products (is this relevant?)</i>				
<i>Component 3 Recommendations</i>				
Mette, Sibuga?	Recommendations for a framework to support the development of the organic sector based on knowledge generated in Component 2 (for research and development policy and decision makers)			
Component 4:				
Sub-project 4.1: To synthesize project finding and give recommendation for a framework for support to organic agriculture and agribusiness development and disseminate it to key stakeholders in Uganda, Kenya and Tanzania.				
<i>Tangible result I: Improved methodological integration of value chain and agroecology approaches in local innovation</i>				
<i>Tangible result II: Technical input for training module for improved chain management</i>				
<i>Component 4 Joint Popular Products</i>				
Lise	Information flows in organic value chains – some experiences	Lise	Niels Halberg, Henning	October 2014

Annex D: List of knowledge products to be produced by ProGrOV participants

	from ProGrOV (oral presentation at the OWC 2014)		Høeg Jensen, Raphael Wahome, Kallunde Sibuga, Fred Kabi	
?	Developing value chain based approaches in organic research projects? (ICROFS News)	?	?	?
?	Adopting participatory approaches in organic research projects (ICROFS News)	?	?	?
<i>Component 4 Recommendations</i>				
Lise	Recommendations for a framework to support the development of the organic sector based on project results (for research and development policy and decision makers)	Lise	Niels, Kabi	December 2015