



POLICY AND INSTITUTIONAL LANDSCAPE FOR ECOLOGICAL ORGANIC AGRICULTURE IN AFRICA

Project:

**Mainstreaming Ecological Organic Agriculture (EOA) Initiative into the Continental, Regional
and National Development Agenda in Africa**

Submitted by:

Dr. Nicholas Ozor

Executive Director

African Technology Policy Studies Network (ATPS)

The Chancery Building, 8th Floor, Valley Road,

P.O. Box 10081-00100,

Nairobi, Kenya

Emails: nozor@atpsnet.org; executivedirector@atpsnet.org

Submitted to:

Dr. David Amudavi

Executive Director

Biovision Africa Trust (BvAT)

P.O. Box 30772-00100, Kasarani off Thika Road, Nairobi, Kenya

Phone number: +254 -20- 863 2007/8/+254- 719052113

Email: info@biovisionafricatrust.org

Date:

25th February 2021

TABLE OF CONTENTS

LIST OF FIGURES	iii
LIST OF ACRONYMS/ABBREVIATIONS	iv
EXECUTIVE SUMMARY	v
1. INTRODUCTION	1
1.1 Background to the Ecological Organic Agriculture Initiative	1
1.2 Purpose and scope of stakeholder mapping and analysis	2
2. METHODOLOGY	3
3. STAKEHOLDER LINKAGES, POWER AND INFLUENCE IN EOA VALUE CHAIN	4
3.1 Stakeholder Linkages in the EOA value chain	4
3.2 Stakeholder Power and Influence in the EOA value chain	5
4. CONTINENTAL AND REGIONAL (EAC AND ECOWAS) EOA STAKEHOLDERS	6
4.1 Overview of Organic Agriculture at the Regional and Continental levels	6
4.2 Summary of Continental stakeholders, their roles and Contact information	6
4.3 Summary of West African region (ECOWAS) stakeholders, their roles and contact information.....	8
4.4 Summary of East African region (EAC) stakeholders, their roles and contact information .	9
4.5 Continental and Regional Stakeholder Power and Influence in the EOA value chain	10
5. BENIN	13
5.1 Overview of Organic Agriculture in Benin.....	13
5.2 Summary of Benin EOA stakeholders, their roles and contact information.....	13
5.3 Stakeholder Power and Influence in the EOA value chain in Benin.....	15
6. KENYA	16
6.1 Overview of Organic Agriculture in Kenya	16
6.2 Summary of Kenyan EOA stakeholders, their roles and contact information	17
6.3 Stakeholder Power and Influence in the EOA value chain in Kenya	36
7. NIGERIA	38
7.1 Overview of Organic Agriculture in Nigeria	38
7.2 Summary of Nigerian EOA stakeholders, their roles and contact information	38
7.3 Stakeholder Power and Influence in the EOA value chain in Nigeria	44
8. RWANDA	46
8.1 Overview of Organic Agriculture in Rwanda.....	46
8.2 Summary of Rwandan EOA stakeholders, their roles and contact information.....	46

8.3 Stakeholder Power and Influence in the EOA value chain in Rwanda.....	52
9. SENEGAL.....	54
9.1 Overview of Organic Agriculture in Senegal	54
9.2 Summary of Senegalese EOA stakeholders, their roles and contact information.....	54
9.3 Stakeholder Power and Influence in the EOA value chain in Senegal	57
10. CONCLUSION AND RECOMMENDATIONS	59
10.1 Conclusion	59
10.2 Recommendations	59
REFERENCES	61
ANNEXES.....	62
Annex 1: Data Collection Tools	62
Annex II: List of Respondents	68

LIST OF FIGURES

Figure 1: Continental and Regional EOA Stakeholder Level of Power & Influence	11
Figure 2: ECOWAS EOA stakeholders' Power & Influence.....	11
Figure 3: EAC EOA stakeholders' Power & Influence.....	12
Figure 4: The Level of Power & Influence among EOA major Stakeholders in Benin	15
Figure 5: National and Governmental EOA Stakeholders' Power & Influence	36
Figure 6: Power & Influence among Kenyan Non-Governmental EOA Stakeholders	36
Figure 7: Power & Influence amongst Government and National EOA Stakeholders in Nigeria .	44
Figure 8: Nigerian Non-Governmental EOA Stakeholders' Power & Influence	45
Figure 9: Power and Influence of Research & Academic Organizations in Nigeria	45
Figure 10: Rwanda National & Government EOA Stakeholders' Power & Influence	53
Figure 11: Rwandan Non-Governmental EOA Stakeholders level of Power & Influence	53
Figure 12: The Level of Power & Influence among EOA Stakeholders in Senegal.....	58

LIST OF ACRONYMS/ABBREVIATIONS

AfrONet	African Organic Network
AFSA	African Food Sovereignty in Africa
ATPS	African Technology Policy Studies Network
AU	African Union
BvAT	Biovision Africa Trust
CBOs	Community Based Organizations
COBFAS	Community-Based-Farming Scheme
CSC	Continental Steering Committee
EAC	East African Community
EAOM	East African Organic Mark
EAOPS	East African Organic Product Standards
ECOWAS	Economic Community of West African States
EOA	Ecological Organic Agriculture
EOA-I	Ecological Organic Agriculture Initiative
EU	European Union
FARA	Forum for Agricultural Research in Africa
FGDs	Focus Group Discussions
FMARD	Federal Ministry of Agriculture and Rural Development
IFOAM	International Federation of Organic Agriculture Movements- Organics International
INOFO	Inter-continental Network of Organic Farmers Organizations
INRAB	National Agricultural Research Institute of Benin
KIIs	Key Informant Interviews
KOAN	Kenya Organic Agriculture Network
KOFA	Kenya Organic Farmers Association
KOPA	Kenya Organic Producers Association
MAEP	Ministry of Agriculture, Livestock and Fisheries
MINAGRI	Ministry of Agriculture-Rwanda
MoALF	Ministry of Agriculture Livestock and Fisheries- Kenya
NGOs	Non-Governmental Organizations
NOAM	National Organic Agriculture Movement
NOAN	Association of Organic Agriculture Practitioners of Nigeria
NOARA	Network of Organic Agriculture Researchers in Africa
OBEPAB	Organization for the Promotion of Organic Agriculture- Benin
PELUM	Participatory Ecological Land Use Management
RECs	Regional Economic Commissions
ROAM	Rwanda Organic Agricultural Movement
SACDEP	Sustainable Agriculture Community Development Programme
SDC	Swiss Agency for Development and Cooperation

EXECUTIVE SUMMARY

Ecological organic agriculture (EOA) in the African context is complex and consists of different actors and stakeholders, ranging from the public sector, private sector, Non-governmental organizations (NGO) and Community Based Organizations (CBOs) among others. These actors and stakeholders play different roles depending on their areas of engagement and specialization along the value chains. They are also interlinked in a way to ensure the flow of information and new technologies across all levels. For successful implementation of the EOA Initiative, it is crucial to identify all the stakeholders along the value chain, their areas of engagement, the specific roles they play as well as their levels of power and influence in the Initiative.

The specific objective of undertaking stakeholder mapping and analysis was to identify all actors and stakeholders in Ecological Organic Agriculture (EOA) along the value chain, citing their linkages, areas of engagement and the roles they play as well as their levels of power and influence in the implementation process of the EOA Initiative. This was done at the continental, regional and national levels for Kenya, Rwanda, Nigeria, Senegal and Benin. The study used both primary and secondary data sources. Secondary data was gathered from publications and other online data sources through desk studies while primary data was obtained from Key Informant Interviews (KIIs) and Focus Group Discussions (FGDs) conducted with relevant stakeholders in the respective regions and countries. Findings from the stakeholder mapping indicate that EOA has many supporters and actors across the continent although their linkage is not so strong. The majority of the stakeholders expressed their hope for the establishment of stronger linkages among actors and better government support for the successful implementation of EOA in Africa.

The findings also show that EOA initiatives are mostly being driven and spearheaded by the private sector actors and non-governmental organizations with lesser government interventions. This can be attributed to the lack of standalone EOA policies by the respective governments in the study countries which should have given more impetus for coordination in the sub-sector. Most of these actors have significant powers and influence, therefore, affecting the direction of growth of the sub-sector. It would be necessary for stakeholders in the EOA sub-sector to work together to develop certification standards that are acceptable by all the actors. Governments should provide a conducive environment to encourage the growth of the sub-sector by providing incentives and coordination mechanisms that would lead to growth. Of urgent essence is to ensure that smallholder farmers, as well as SMEs, are encouraged to grow in the sector to boost production as well as trade in organic products.

1. INTRODUCTION

1.1 Background to the Ecological Organic Agriculture Initiative

Following the African Heads of States and Government's declaration to support Organic Farming in Africa under decision EX.CL/ Dec. 621 (XVII) in 2011, various initiatives are now being pursued to address the food insecurity and effects of climate change in agriculture among other challenges. The Ecological Organic Agriculture (EOA) initiative is entrenched within the agricultural sectors of the implementing countries where many actors are playing different roles. It is, therefore, necessary to identify the key stakeholders, their roles, their levels of power and influence and their linkages, all of which contribute to the successful implementation of EOA in Africa. Such information is vital to prepare the sectors to know in advance issues that can support or cause the failure of the implementation process of this EOA initiative. The key priority areas for stakeholder engagement in EOA initiative implementation include:

- a) **Research, Training and Extension-** This will help build scientific data for EOA. Led by actors in research and training institutes and universities; participatory, interdisciplinary, multi-cultural research are usually conducted to inform stakeholder training. Knowledge and skills are transferred to communities through extension services. By involving farmers in the research, existing indigenous knowledge is harnessed and scientifically tested to produce empirical data that can be used for innovation. This also ensures that gender aspects in every innovation are considered so that farming technologies and practices consider the active participation of women and youth in the farming enterprise.
- b) **Information and communication-** This priority serves as the vehicle through which EOA reaches out to a vast majority of stakeholders on the continent. Working closely with all the priority areas of this initiative, a formidable brand for EOA is developed, national information and communication strategies designed and information packaged in appropriate formats and communicated to various audiences and stakeholders on the value and practice of EOA.
- c) **Value Chain and Market Development** - Efforts focus on three key areas along identified EOA product value chains, namely:
 - Stimulating the manufacturing of organic farm inputs (especially seeds and fertilizers) so that farmers can access and grow produce for target markets.
 - Encouraging value addition of EOA products to earn higher margins.
 - Developing sustainable markets to increase trade in EOA high-value products both at domestic and export levels. Women and youth will be specifically targeted under this initiative to ensure that they get involved in value addition activities and accessing markets for their products.
- d) **Networking and Partnerships-** This priority area recognizes that the EOA Initiative does not have dedicated staff in every country and community to implement and therefore rely heavily on partners and networks already in the industry. Engagements are done through Partnership Agreements (PAs) and Memorandum of Understanding (MoU) with

potential partners on the EOA initiative. Networks and movements in Africa such as IFOAM-Organics International, FARA, AfrONet, ATPS, and partners such as governments, farmers, private sector, civil society among others are engaged to maximize impacts, leverage experiences and expand the geographic reach and influence of EOA activities.

- e) **Policy and Programme Development**- This is the priority area that helps the EOA initiative realize its ultimate goal. Working closely with priority areas (a) and (b), empirical data are packaged into appropriate formats for target policy and programme development audience. Through lobbying and advocacy efforts, national governments are persuaded to develop and implement enabling policies and programmes in support of EOA.
- f) **Institutional capacity development**- This priority area recognizes the nascent EOA institutions. Efforts are made to establish, develop and support these institutions' organizational capacities as well as equip its professionals with skills and competencies to promote EOA in Africa.

1.2 Purpose and scope of stakeholder mapping and analysis

The purpose of this stakeholder mapping and analysis was to identify and categorize all actors and stakeholders in EOA along the value chain, citing their linkages, areas of engagement and the roles they play as well as their levels of influence and power in the implementation process of the EOA Initiative. This was done at the continental, regional and national levels for Kenya, Rwanda, Nigeria, Senegal and Benin.

2. METHODOLOGY

This study used both primary and secondary data sources. Secondary data were obtained from relevant publications and online sources/ grey literature through desk studies whereas primary data were obtained through Focus Group Discussions (FGDs) and Key Informant Interviews (KIIs) in each of the target countries as well as from the regional and continental levels. In each country, at least one FGD was conducted with at least ten KIIs. Snowball sampling technique was used to identify and engage the target respondents. About 12-15 respondents were interviewed per country and others were engaged in FGDs. Data were analyzed using SPSS and Excel and presented in form of tables and graphs.

A stakeholder analysis was conducted in each of the study countries. The process involved the identification of major stakeholders followed by their categorization. Categorization was based on the levels of power and influence on the new agricultural technologies aimed at promoting and sustaining ecological organic agriculture using Stakeholder Power-Influence Grid. Stakeholder power in this context refers to the ability to use resources to make an event happen or to secure the desired outcome. On the other hand, influence refers to the extent to which a stakeholder can persuade or coerce others into making decisions and following a certain course of action that can facilitate or impede the achievement of an activity's objective. The respondents in this study were asked to rate the various stakeholders on a scale of 0-5 with 0 being the lowest power/influence and 5 as the highest power/influence. The mean score was then assigned for each stakeholder for power and influence. This is a very subjective method of measuring power and influence but provides some idea of how each stakeholder is perceived. Four major indicators were used in the categorization of the stakeholders. These included their ability, capability, capacity and creditability to influence the new technological change. Based on the above approach, stakeholders were categorized as follows:

- **High power - High interest:** These stakeholders are usually referred to as decision-makers and have the biggest impact on a project's success, hence one must closely manage their expectations very well.
- **High power - Low Interest:** These are stakeholder needed to be kept in the loop throughout the project's life. They need to be kept satisfied even though they may not be so much interested in the project but consideration has to be given because of the power that they wield. These types of stakeholders should be managed cautiously as well since they may use their power in a not desired way in the project if they become unsatisfied.
- **Low power – High interest:** These stakeholders need to be kept adequately informed about the project ensuring that there are no issues with them that can discourage them from participation in the project. They are usually very helpful in terms of providing information and support for the project.
- **Low power - low interest:** These are stakeholders that need to be monitored as they can sway either way. Communication with them must therefore centre on relevant information only.

3. STAKEHOLDER LINKAGES, POWER AND INFLUENCE IN EOA VALUE CHAIN

3.1 Stakeholder Linkages in the EOA value chain

Organic Agriculture has reached a high level of the developmental state in many African countries and the national organic sector has in most cases organized itself into a national Organic Agriculture network or movement. These umbrella movements represent the organic sector of each country at the national and international level, linking stakeholders and making efforts in promoting and getting players in the sector (International Federation of Organic Movement [IFOAM], 2009). By focusing on the actors and strategic realignments, institutional innovation is a process of designing and redesigning how actors see the problems of sustainability in their local contexts and the mechanisms they use to mobilize and guide their collective action in the market (Genus and Coles, 2008). Alternatively, institutional innovations are when people and organizations (actors) strategically mobilize others through network relationships to redesign or replace institutions. Examples include; the Community-based-farming scheme (COBFAS) in Nigeria and the Songhai Centre in Benin.

Participatory Guarantee Systems (PGS) are networks created within local communities and consist of farmers, researchers, public sector officials, food service providers and consumers. They are locally focused on quality assurance systems. They certify producers'/farming practices based on the active participation of stakeholders and are built on a foundation of trust, social networks and knowledge exchange. The role of this type of network is to create a local system of production and consumption whereby multiple stakeholders' experiment with sustainable agriculture technologies. The PGS motor of change begins with partnerships between farmers, consumers and intermediaries such as service providers and organic movements (IFOAM, 2013). It uses local and national knowledge and uses locally-adapted organic standards. Examples include; Ngong Organic Farmers Association (NOFA), Fresh Veggies and YETANA Women Group in Kenya.

Stakeholder linkages are attained through various national, regional and continental networks and platforms that support ecological organic agriculture. Some of these linkages and networks are briefly described below:

- **AgriProFocus**¹ is an international multi-stakeholder network in the agri-food sector consisting of farmer entrepreneurs, private sector enterprises, governments, knowledge institutions and civil society organizations. It focusses on climate-smart agribusiness and circular economy agribusiness among others. By bringing these stakeholders together, their individual and collective impact has increased.
- **AfrONet** is an umbrella organization that unites and represents organic stakeholders across countries and regions in the continent. It facilitates communications about ecological organic agriculture and strengthens the network through policy lobbying and advocacy to engage more with the state actors. It also mobilizes resources to promote EOA activities.

¹ <https://agriprofocus.com/intro>

- **The Network of Organic Agriculture Researchers in Africa (NOARA)** is a group of agricultural researchers, farmers, marketers, agro-processors, policymakers, postgraduate students, cooperate organizations, consumers and willing individuals. It promotes collaborations and networking among stakeholders aimed at improving and promoting ecological organic agriculture in Africa through research.
- **Participatory Ecological Land Use Management (PELUM) Association** is a network of civil society organizations and NGOs working in East, Central and Southern Africa. It is a formal communication channel between actors of EOA in its areas of operation (PELUM, 2017). It strengthens linkages and collaboration through action learning among partners and members. It also promotes the sharing of information on development experiences, innovations, and best practices for better Ecological Land Use Management (ELUM).
- **The National Organic Agriculture Movements (NOAMs)** such as Kenya Organic Agriculture Network (KOAN), Association of Organic Agriculture Practitioners of Nigeria (NOAN), Organization for the Promotion of Organic Agriculture (OBEPAB) and Rwanda Organic Agricultural Movement (ROAM), are also recognized as networks/ linkages among various stakeholders along the value chains. They are umbrella organizations whose membership is drawn from farmers, traders, exporters, service providers (extension officers, certification bodies) and research institutions. They provide technical advice, training, promotion and business support to ecological organic agriculture farmers and entrepreneurs. The focus on actor/stakeholder linkages implies that improved interaction will result in a better exchange of information, ideas and opportunities and ultimately promote the uptake of the new intervention.
- **Inter-continental Network of Organic Farmers Organizations (INOFO)**- It is a network that facilitates a new relationship between existing Organic farmers unions. INOFO's initial objectives were limited to setting up an effective infrastructure of Delegates & Convenors mandated from the grassroots upwards, by which organic farmers organisations keep in touch with each other at national & regional levels and, via the Convenors Council, at inter-continental level. This minimal infra-structure belongs specifically and exclusively to organic farmers organisations. Every 3 years, local or national organisations send delegates to INOFO General Assembly (always immediately preceding the Organic World Congress).

3.2 Stakeholder Power and Influence in the EOA value chain

Ecological organic agriculture like any other community-based intervention entails a trade-off between stakeholders/actors with varying levels of power, influence, and interest. According to Cullen et. al., (2014), existing power hierarchies may cause an intervention to fall short of the need for inclusivity and farmer-driven unless thorough consideration is given to issues of power. Additionally, power dynamics between stakeholders and competing interests may cause difficulties identifying and aligning incentives for collective action, as well as the wider political and institutional context thus presenting particular challenges in adoption of new interventions.

4. CONTINENTAL AND REGIONAL (EAC AND ECOWAS) EOA STAKEHOLDERS

4.1 Overview of Organic Agriculture at the Regional and Continental levels

At the Continental level, the initiative has well established Continental Steering Committee (CSC) chaired by the African Union. The CSC is the apex body in the governance structure of EOA in Africa. The CSC supports the EOA Initiative in meeting its objectives by acting as a bridge between the EOA Secretariat and the African Union Commission, providing advice, guidance, and oversight over the implementation of the EOA Action Plan and tracking the progress of EOA projects. The Steering Committee members serve to provide EOA in Africa and its membership with guidance, oversight, and decision-making regarding the operations and activities of EOA in Africa. Steering Committee members are appointed to serve on behalf of their institutions, not as individuals, and agree to represent the general interests of their sector.

At the regional level, the EOA Initiative currently has three (3) Regional Platforms, one in West Africa, in Eastern Africa and Southern Africa. The Regional Platforms are steered and coordinated by Regional Steering Committees (RSCs). The Southern Africa cluster is in place but not very much actively involved because of lack of financial support. The work of the RSCs is coordinated by Regional Secretariats that have been set up in the regions. PELUM Kenya Association, based in Kenya, is the host organization for Eastern Africa Regional Secretariat, OBEPAB based in Benin, is the host organization for West Africa Regional Secretariat while Namibian Organic Association hosts the Southern Africa Secretariat. The role of the regional clusters is to coordinate regional actors to implement the EOA agenda, engaging with the Regional Economic Communities (RECs), to integrate EOA in regional and national policies and programs.

4.2 Summary of Continental stakeholders, their roles and Contact information

Name of stakeholder	Role in EOA implementation	Stakeholder category	Contact information
African Union	Initiates and provides guidance on the establishment of an African organic farming platform based on available best practices and provides guidance in support of the development of sustainable organic farming systems.	Government	African Union Headquarters P.O. Box 3243, Roosvelt Street W21K19 Addis Ababa, Ethiopia Tel: +251 11 551 77 00
African Organic Network (AfrONET)	Leads, unites, networks and facilitates the development of the organic sector through policy dialogue, capacity building, information and communication hub and facilitating organic value chain development and trade.	Non-Governmental Organization	Moses Aisu +255758908303 afroNET2015@gmail.com
IFOAM-Organics International	Coordination of organic bodies to ensure conformity with EOA principles	Private Sector	IFOAM - Organics International Charles-de-Gaulle-Strasse 5 53113-Bonn, Germany

			contact@ifoam.bio +49 228 92 650 10
Biovision Africa Trust (Bvat)	Assembly, generation, processing and dissemination of information on organic and sustainable agriculture	Non-Governmental Organization	David Amudavi +254 208632007/8, +254 20 8632112/3, +254 204450398 damudavi@biovisionafrica.org
Network of Organic Agriculture Researchers in Africa (NOARA)	An organic movement for networking and conducting research on EOA	Non-Governmental Organization	Dr. Olugbenga O. AdeOluwa +2348035709365 adeoluwaoo@yahoo.com
Convergence of Rural Women for Food Sovereignty (COFERSA)	Supports the capacity of women farmers in advocacy and agro-ecological production to promote food sovereignty	Non-Governmental Organization	Mrs Alimata Traoré, President COFERSA, alimaatou@yahoo.fr https://www.bede-asso.org/en/collaborations-par-regions/afrique-de-louest/la-cofersa-convergence-des-femmes-rurales-pour-la-souverainete-alimentaire/
Participatory Ecological Land Use Management (PELUM) Association	Capacity building, advocacy, information sharing, marketing, partnerships and networking on ecological organic agriculture.	Non-Governmental Organization	Zachary Makanya +254709746-939 makanya@pelum.net PELUM-Kenya
Alliance for Food Sovereignty in Africa (AFSA)	Pan African platform comprising of networks and farmer organisations working in Africa. It influences policies and promotes African solutions for food sovereignty	Non-Governmental Organization	Millon Bellay Email: afsa@afsafrica.org Web: www.afsafrica.org
Slow Foods International	Is a global, grassroots non-profit association, linking the pleasure of good food to a commitment to the community and the environment	Private Sector	International@slowfood.com www.slowfood.com

4.3 Summary of West African region (ECOWAS) stakeholders, their roles and contact information

Name of stakeholder	Role in EOA implementation	Stakeholder category	Contact information
Grow West Africa	Production of organic food products	Private Sector	+23354666619 info@growwestafrica.org
AMAP and HORTITECH development	Production of organic vegetables	Private Sector	Edgar Degueno N. Manager, +22997881131 deguenonedgard@yahoo.fr
Textile Exchange	Is a membership-based organization that maintains sector standard and collects industry data, does information exchange, advocacy, etc.	Private Sector	Dr. Silvere Tovignan Africa Representative +22995455892 tsilvere@yahoo.fr
Permanent Interstate Committee for Drought Control in the Sahel (CILSS)	Research on food security to combat the effects of drought and desertification for better ecological stability.	Non-Governmental Organization	03 BP 7049 Ouagadougou 03 - Burkina Faso +226 25 49 96 00 cilss@cilss.int http://www.cilss.int/
Alliance for Agroecology in West Africa (3AO)	Better consumer awareness of organic products	Non-Governmental Organization	Famara DIDHIOU Program manager Famara.diedhiou@afsafrica.org
Global Convergence of Struggles for Land and Water in West Africa (CGLTE-AO)	Facilitate the synergy of movements and organizations with regard to the conservation of natural resources in the western region	Non-Governmental Organization	Massa Kone/Moussa Coulibaly Convergence spokesperson +22376490315/62650582/76818793 kmassa26@gmail.com mcoule@gmail.com
Regional Agency for Agriculture and food (ARAA)	Support the development and scaling up of agro-ecology to influence public policies in West Africa.	Non-Governmental Organization	Mrs LOCOH - AMETITIVI Michelle ARAA / ECOWAS bilingual assistant +228 22 21 40 03 mlocoh@araa.org
Health of Mother Earth Foundation (HOMEF)	Advocacy and training on ecological/ environmental hygiene	Non-Governmental Organization	Nimoh Bassej Top Floor, #214 Uselu-Lagos Road, Ugbowo. P.O Box 10577, Benin City Nigeria. Tel. +234 906 975 6927. +234 817 370 6095. home@homef.org

Support for the Agroecological Transition in West Africa (PATAE)	Contribute to the fight against poverty of vulnerable populations and improve food security	Non-Governmental Organization	Saliou NGOM Program coordinator ngomsaliou@gmail.com
--	---	-------------------------------	--

4.4 Summary of East African region (EAC) stakeholders, their roles and contact information

Name of stakeholder/actor	Role in EOA implementation	Stakeholder category	Contact information
East African Community (EAC)	Policymaking to ensure sustainable development in the region	Governmental	East African Community EAC Close, Afrika Mashariki Road, P.O. Box 1096, Arusha, Tanzania Tel: +255 (0)27 216 2100 eac@eachq.org
Pan African Climate Justice Alliance (PACJA)	Champions for climate justice and sustainable environmental management	Non-Governmental Organization	Ms. Salina Sanou +254727163981 salinasanou@hotmail.com / salina@pacja.org
Arid Lands Information Network (ALIN)	Information generation, dissemination and management on sustainable agriculture	Private Sector	James Nguo Regional Director +254733888164 info@alin.net ; jnguo@alin.net
Sustainable Agriculture Tanzania (SAT)	Farmer training in Sustainable agriculture	Non-Governmental Organization	Janet Maro Chief Executive Officer P.O. BOX 6369, Morogoro. 0754 925560; janetmaro@gmail.com
Angkatan Zaman Mansang (AZAM) Sarawak	“Movement for Progress” is a non-profit and non-governmental organisation which seeks to facilitate development efforts in Sarawak through promoting development communication. Contributes to national efforts to promote development consciousness and participation among the people.	Private Sector	E-mail: admin@azam.org.my Website: http://www.azam.org.my/
JUANCO Group	Providing solutions to farmers using advanced technologies	Private Sector	Head Office Juanco Centre, Ngong Road, Ngong Hills, P.O. Box 381 KAREN, 00502 – NAIROBI. +25420 2088754/5/6. +254 20 722 207 805 http://juancogroup.com/

Nyumbani Village	Encourages organic agriculture through experience sharing and organic production	Non-Governmental Organization	Joseph Lentanyoi Specialist http://www.nyumbani.org/?page_id=505
Mukwano Friendship	Value addition and marketing of organic products	Private Sector	P. O. Box 2671, Kampala, Uganda. admin@mukwano.com

4.5 Continental and Regional Stakeholder Power and Influence in the EOA value chain

The African Union (AU) under its Agriculture and Food Security Division is very powerful and influential in the EOA sub-sector in the African continent. A Continental Steering Committee for the EOA Initiative for Africa has been established and functional chaired by the African Union Commission. The AU and development partners working with other stakeholders that have been rated individually can have a very high multiplier effect thereby having a synergistic effect in the implementation of the EOA initiative. The figures below show the levels of power and influence for various EOA stakeholders working individually at the national, regional and continental levels.

Fig. 1 indicates that COFERSA is the most powerful and influential at the continental and regional level rated at 5 for influence and 4.5 for power. Network for Organic Agriculture Research in Africa (NOARA), IFOAM-Organics International, and Slow Foods International have equal power rated at 4 but vary in terms of influence with IFOAM being the most influential among them. AfrONet, and Biovision Africa Trust (BvAT) the have equal levels of power with AfrONet being slightly more influential. It should be noted that it is a different situation completely when it comes to these different stakeholders working together. There is usually a multiplier effect if, for instance, BvAT works with AfrONet and the AU. The power and influence in this situation change significantly and instant impacts can be guaranteed. It is therefore advisable that Continental and Regional stakeholders need to work together for better impacts in the implementation of the EOA initiative.

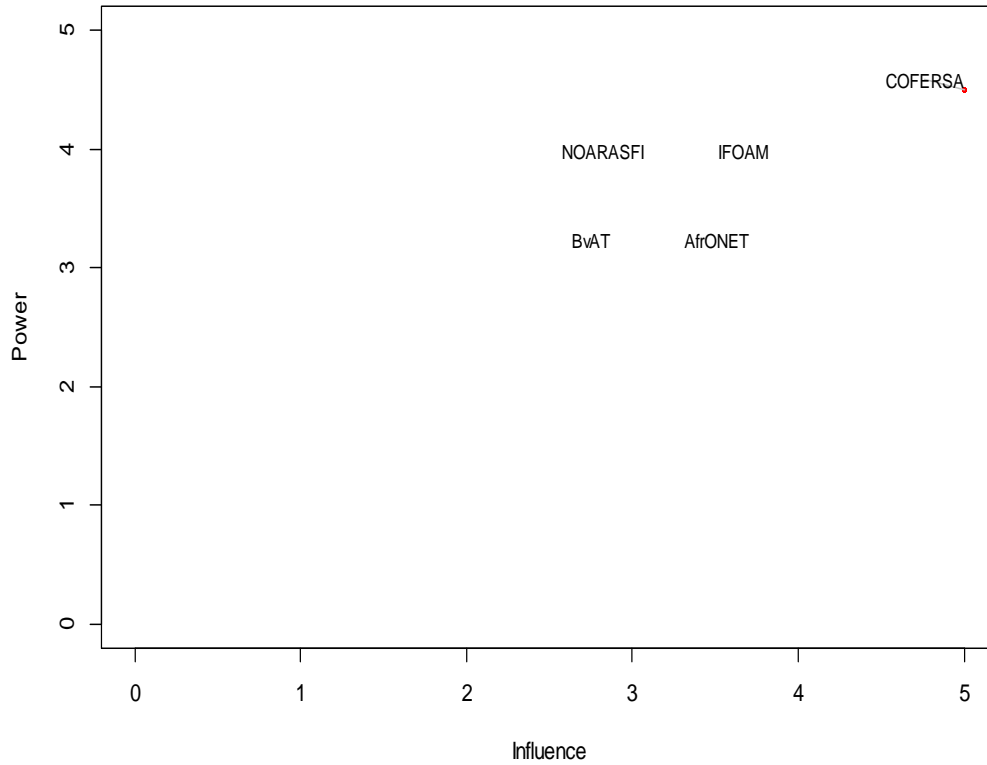


Figure 1: Continental and Regional EOA Stakeholder Level of Power & Influence

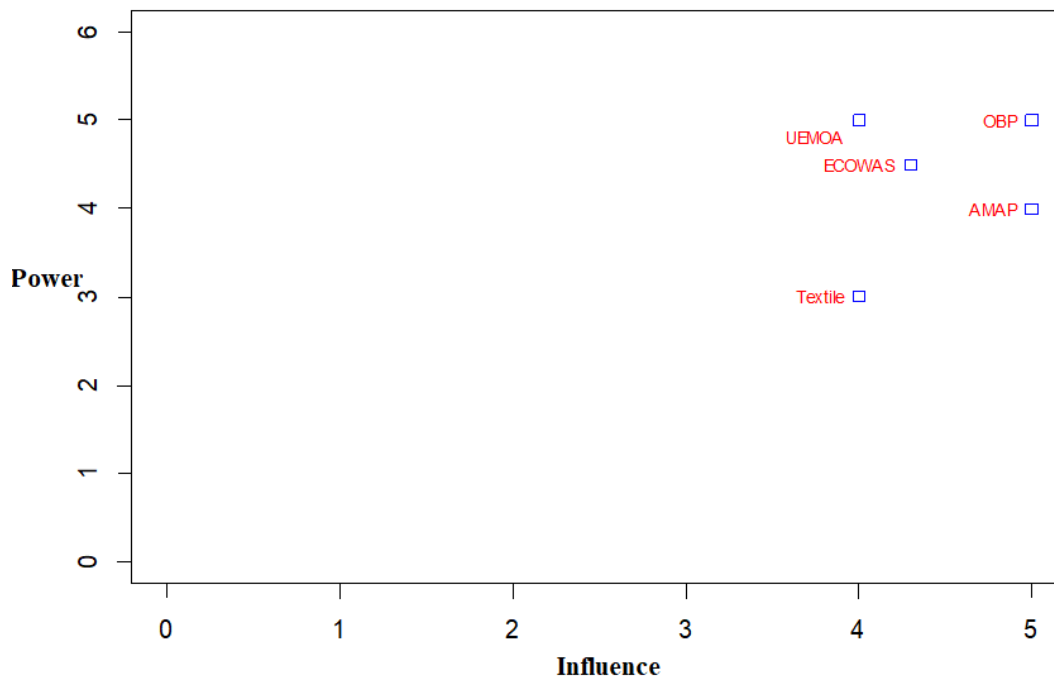


Figure 2: ECOWAS EOA stakeholders' Power & Influence

Fig. 2 indicates that most of the EOA stakeholders in the ECOWAS region are more influential except for Textile Exchange that is rated at 3 compared to the others that are rated above 4. OBEPAB is the most powerful and influential. UEMOA is the most influential in the region rated at 5 and equally powerful (4).

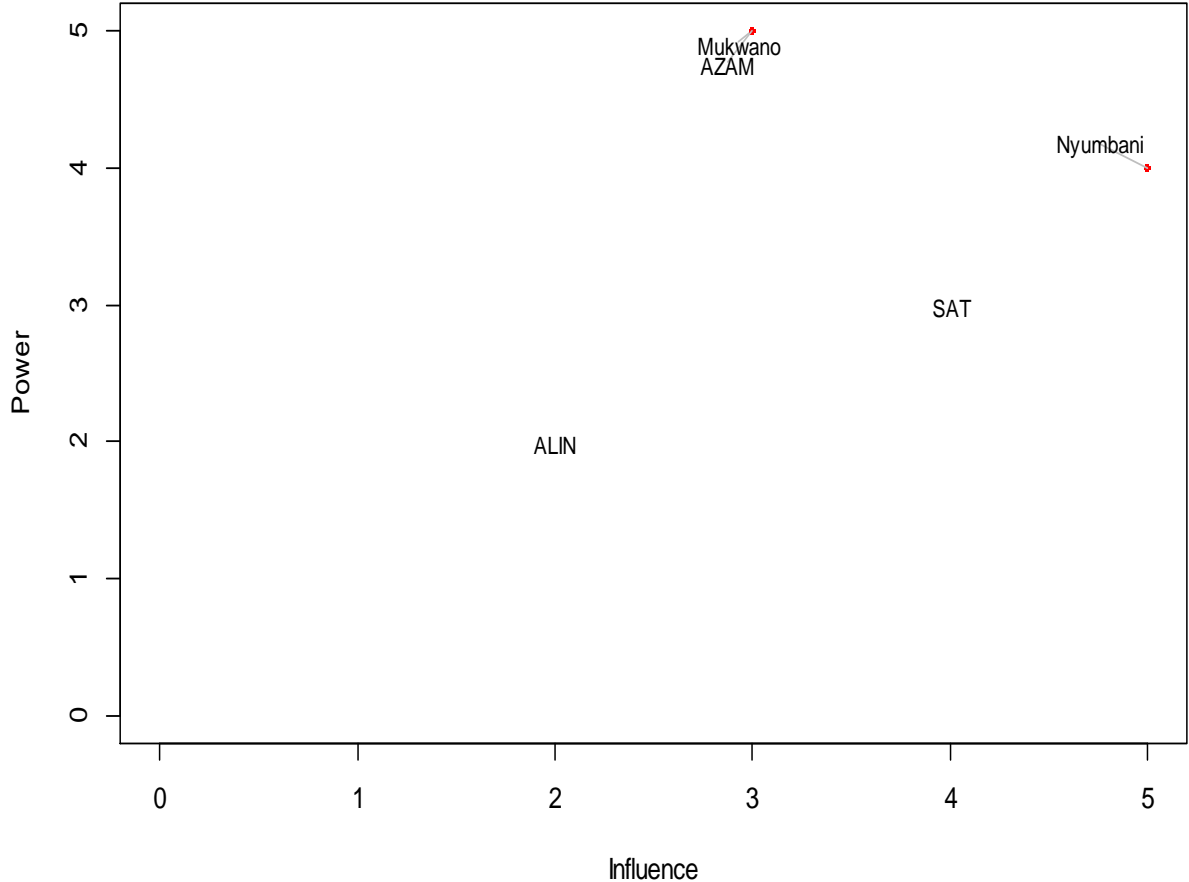


Figure 3: EAC EOA stakeholders' Power & Influence

Fig. 3 above shows a notable variation in the stakeholders' levels of power and influence in the EAC region. Mukwano Friendship and AZAM are more powerful and less influential compared to Nyumbani village and SAT Tanzania which are more influential and relatively less powerful. ALIN has been rated the least powerful and least influential amongst the EOA stakeholders in the EAC region rated at 2.

5. BENIN

5.1 Overview of Organic Agriculture in Benin

In the Benin Republic, the contribution of agriculture to the economy is not negligible. It currently employs 70% of the active population and 47% of the country's employment. Agriculture contribution to the gross domestic product has decreased from 33.1% in 1995 to 32.6% in 2005 and 25% in 2016 (World Bank, 2017). In order to improve the low productivity of agricultural work, the application of the agricultural modernization plan foresees changes in the cropping system in Benin such as widespread use of machines and fertilizers, large-scale exploitation of farmland and so forth (Ministry of Agriculture, Livestock and Fisheries [MAEP], 2017).

Benin is seeking to become an emerging economy by 2025. To achieve this, it needs to manage the environment more efficiently to overcome the environmental challenges, facilitate sustainable development, and reduce poverty in the country (Banque, 2010). Through Decree No. 2016-681 (November 7, 2016) on the institutional framework of agricultural development, Benin has opted for the planning of agricultural development with the creation of seven (7) Poles of Agricultural Development (PAD) administered by Territorial Agencies of Agricultural Development (ATDA) whose role is to ensure the promotion of priority agricultural sectors by ensuring a better combination of the sector approach and the territorial approach as well as the application of instruments and related procedures. The Pole of Agricultural Development Plan (PADP) serves as a compass for ATDA interventions on their territory. It is developed under the technical coordination of the ATDA and serves as a basis for the development of the Sector Development Plans.

Organic certified agriculture in Benin started in 1996 under the leadership of the OBEPAB. The initiative was centred on cotton and involved a range of transnational NGOs (PAN Trust/UK, Agro Eco, Solidaridad, PAN Africa). The bilateral Sustainable Development Agreement (SDA) between the governments of the Kingdom of the Netherlands and the Republic of Benin was also key in the development of the organic cotton initiative.

5.2 Summary of Benin EOA stakeholders, their roles and contact information

Actor/Stakeholder	Role in EOA-I implementation	Stakeholder category	Contact information
Ministry of Agriculture, Livestock and Fisheries (MAEP)	Develops, decides, guides and supports national agriculture, livestock and fisheries policies and strategies that are EOA related.	Governmental	MAEP, Zone administrative, Rue de l'aéroport, Cotonou, Benin https://agriculture.gouv.bj/
Organic and Ecological Agriculture Platform (PABE)/Organisation for the Promotion of Organic Agriculture in Benin (OBEPAB)	Contributes to the governance of the EOA sub-sector, facilitating the supply of organic inputs and market research, raising awareness, advocacy and promoting organic greening	Private Sector	Prof. Simplicite Davo Vodouhe +22996691096/ +229 21 35 14 97 dsvodouhe@yahoo.com

	and providing other services to players of EOA sub-sector Federates national EOA initiatives		
Platform of the Actors of the Civil Society of Benin (PASCiB)	Ensure that the EOA is taken into account in strategies and policies and implemented	Non-Governmental Organization	Cathérine Akpodji +229 66516993 catherineakpodji@yahoo.com
Sustainable Agriculture Development Network (REDAD)	REDAD includes NGOs, FOs, and individual members who support each other to create the synergy required for the development of sustainable agriculture. REDAD is active in the areas of horticulture, animal husbandry, agriculture, forestry, integrated systems, storage and marketing of agricultural products by women.	Non-Governmental Organization	Patrice Sewade +22997723700 patsewade@yahoo.fr
International Institute of Tropical Agriculture (IITA Benin station)	Conducts research on biological control, agroecology and natural resource management in Benin	Research Organization	Dr. Manuel Tamo Managing director iita@cgiar.org https://www.iita.org/iita-countries/benin/
Young Professionals for Agricultural Development (YPARD)	Promotes agriculture amongst young people	Non-Governmental Organization	Frejus Sourou Thoto +229 96386015 frejusthoto@gmail.com ; ypard@gmail.com
West and Central African Council for Agricultural Research and Development (CORAF/WECARD)	Coordinate and facilitate sub-regional agricultural research for development in West and Central Africa.	Non-Governmental Organization	Adolphe ADJANOHOUN adjanohouna@yahoo.fr +229 64 28 37 02 http://www.coraf.org/benin/?lang=fr
Benin's National Institute for Agricultural Research (INRAB)	Conducts research on biological control, agroecology and natural resource management in Benin	Research Organization	Dr. Adolphe Adjanon-houn Managing Director Benin (headquarters) Godomey, IITA Road, 01 BP 884, Cotonou sp.inrab@inrab.org https://inrab.org/
EcoCert	Third-party (export) certification of agricultural products	Private Sector	Romuald Assogba +22997415686 ass.ulrich@gmail.com
Renova	National Network of active NGOs in sustainable agriculture in Benin.	Non-Governmental Organization	Patrice Sewade +22995941100 patsewade@gmail.com

Yao Fruits	Production of organic pineapples	Private Sector	Mike and Fareth BP-794, E1956 Zoca, Abomey Calavi yaofruits@fruitysupply.com
Songhai farm	Training and demonstration of organic farming. Production of organic fruits, vegetables and rice.	Private Sector	Alcide Agbangla +229 96270557 alcideami2002@yahoo.fr BP 597 Porto-Novo +229 60 93 33 34 / 62 52 92 80 songhai@songhai.org
STPA Tropical	Processing and exporting of dried organic pineapples	Private Sector	Fabrice Gannon Bp 5915, Cotonou
EcoProDev	Production of organic pineapple juice	Private Sector	Ben Hoppenstedt TEL +33 6 20 87 90 91 bh@ecoprodev.com

5.3 Stakeholder Power and Influence in the EOA value chain in Benin

Fig. 4 shows that all Benin stakeholders have varying power and influence but the magnitude of their individual power and influence are equal except for Songhai Centre which is more influential (4) and less powerful (3) in EOA implementation in the country. The Ministry of Agriculture, Livestock and Fisheries is the most powerful (5) and influential (5) and thus is the go-to institution for quick and impactful implementation of the EOA initiative. The PASCiB is the second most powerful and influential stakeholder in the EOA sub-sector in Senegal.

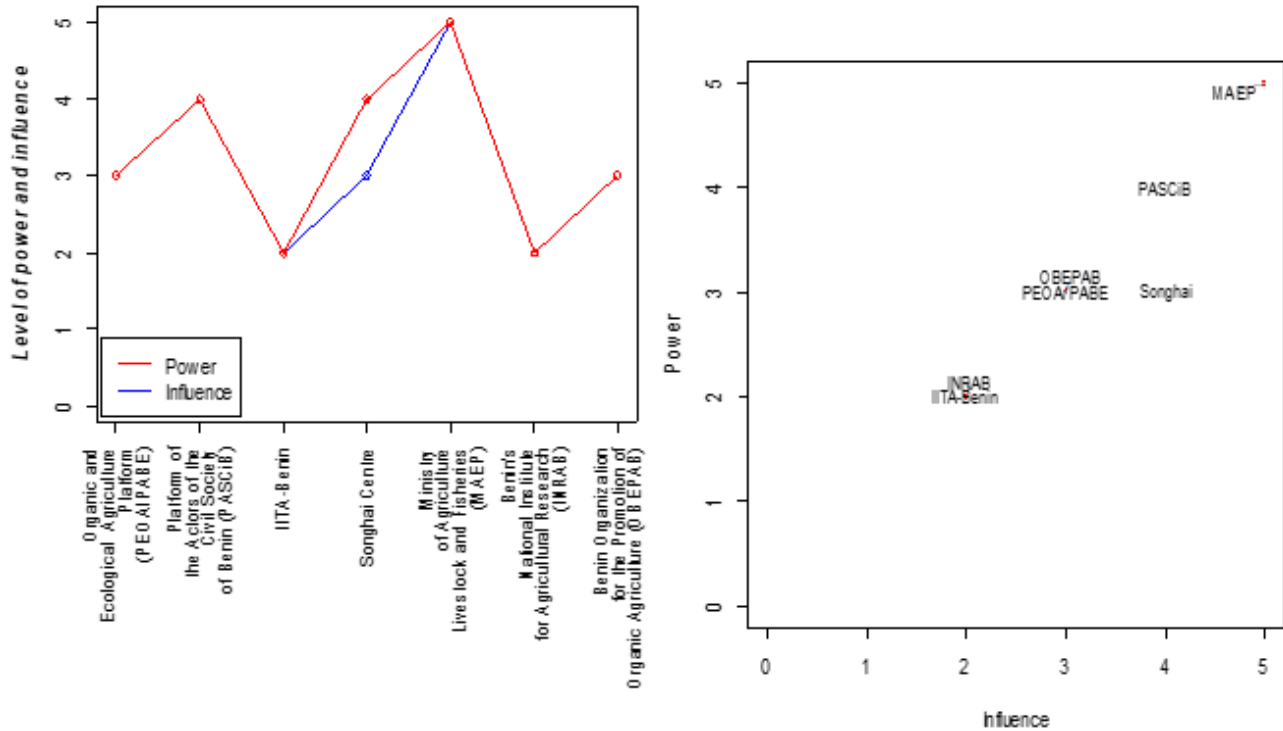


Figure 4: The Level of Power & Influence among EOA major Stakeholders in Benin

6. KENYA

6.1 Overview of Organic Agriculture in Kenya

Formal organic agriculture in Kenya has been on the rise, dating back to the 1980s when the first pioneer organic training institutions were established. This subsector started with a few horticultural companies growing organic vegetables for export. The subsector is mainly led by Civil Society Organizations (CSOs) and private sector companies growing organic produce for export and domestic use. The initial efforts to promote organic agriculture in Kenya were made by rural development NGOs, Faith-Based Organizations, individuals and CBOs who sought to help rural farmers address the issues of declining agricultural productivity (especially, the degradation of soils and natural resources, base poverty levels, food insecurity, concerns in the situation of low incomes). Later, there was the formation of the Kenya Organic Producers Association (KOPA) for medium and large-scale farmers engaged in export as well as the Kenya Organic Farmers Association (KOFA), representing smallholder farmers.

Over the last decade, there has been increased engagement and support from the Government leading to the development of the East African Organic Product Standards (EAOPS) and the Draft Organic Agriculture Policy. Export of organic products from Kenya has been taking place for the last two decades mainly on vegetables and fruits. Over the years, this has developed beyond vegetables and fruits to include other products such as essential oils, nuts, herbs and spices, as well as products for the cosmetic and pharmaceutical industry. Since 2005, Kenya Organic Agriculture Network (KOAN) has successfully brought the Organic Agriculture sub-sector to the national map looping in key Government institutions such as the Ministry of Agriculture Livestock and Fisheries (MoALF), Ministry of Industrialization and Kenya Bureau of Standards (KEBS), Public Universities and Kenya Agriculture Livestock Research Organization (KARLO) to appreciate and recognize the importance and role that the sub-sector contributes to the agricultural development.

KOAN has also been working with the Private sector including private companies (Smallholder groups, middle size producer associations, commercial farmers, processors, traders and retailers, certifiers & inspection agencies); Civic Society Organizations (Training & Research Institutions and community promoter NGOs); Development partners such as SDC, SIDA, FAO, DFID, GTZ etc. KOAN has been instrumental in the development and implementation of the East African Organic Mark (EAOM) and the EAOPS (whose review process is on-going), and other relevant national organic product-specific standards and in the development of PGS as an alternative system for guaranteeing organic products. KOAN is also working with the Ministry of Agriculture, Livestock, Fisheries and Irrigation in developing the Organic Agriculture Policy, and has engaged County Governments to develop County Organic Agriculture Programmes. Section 6.2 below lists the key stakeholders that are critical in implementing Organic agriculture in Kenya. The list has been drawn from literature as well as the KOAN directory available at https://www.koan.co.ke/wp-content/uploads/2019/07/Orga-Directory-2018_Revised-1.pdf.

6.2 Summary of Kenyan EOA stakeholders, their roles and contact information

Actor/stakeholder	Role in EOA-I implementation	Stakeholder category	Contact information
Ministry of Agriculture, Livestock and Fisheries (MoAL&F)	<ul style="list-style-type: none"> • Formulation, implementation and monitoring of agricultural legislation, regulations and policies • Supporting agricultural research and promoting technology delivery • Facilitating and representing agricultural state corporations in the government • Development, implementation and coordination of programmes in the agricultural sector • Regulating and quality control of inputs, produce and products from the agricultural sector • Management and control of pests and diseases • Collecting, maintaining and managing information on the agricultural sector 	Governmental	Cathedral Road, Nairobi P. O. Box 30028-00100 Kenya. cabinetsecretary@kilimo.go.ke +254-20-2718870 www.kilimo.go.ke
Kenya Agricultural and Livestock Research Organization (KALRO)	Capacity building to farmers on agricultural research. It supports EOA through information generation, dissemination and management	Governmental/Research Organization	Dr. Eliud K. Kireger +254709104000/ +254722206988/ +254733333223/4 Email: directorgeneral@kalro.org ; info@kalro.org
Kenya Organic Agriculture Network (KOAN)	Coordination of the Organic sub-sector to increase incomes among small-scale producers through sustainable land use and access to more rewarding and fairer markets. Developing key competencies skills and strategies in the areas of Marketing, Certification and Standards; Training, extension and information; networking, policy and advocacy.	Non-Governmental Organization	Eustace Kiarrii ICIPE Complex Kasarani Road, Nairobi +254200572506836, +25404428465, +254 787557908 info@koan.co.ke ekiarii@koan.co.ke www.koan.co.ke
Development Education Services for Community	Promotion of sustainable Agriculture and Rural Development in Western Kenya.	Non-Governmental Organization	Sophie Kibuywa P.O. Box 29-50207, Misikhu, Kenya

Empowerment (DESECE)			+254 0722 420723, 0733 683298 desece2006@africaonline.co.ke
Sustainable Agriculture Centre for Research and Development in Africa (SACRED-Africa)	Research, Develop and Disseminate improved Soil fertility, Marketing and Seed technologies. Facilitates and supports smallholders' value addition and marketing.	Non-Governmental Organization	Eusebius Mukhwana P.O. Box 8771-00200, Nairobi + 254 020 2730709 sacred@africaonline.co.ke
Organic Agriculture Center of Kenya (OACK)	Training farmers and disseminating information related to ecological farming	Non-Governmental Organization	David Gathuka Phone. +25472513-5150 d.gathuka@yahoo.com
Youth Action for Rural Development (YARD)	Training of farmers on ecological production, processing and value addition, preservation and marketing of indigenous foods	Non-Governmental Organization	Sebastian Wambugu P.O. BOX 4781-01002 Thika 020 2020786/ 0202153644 yardcommunitydev@yahoo.com/ info@yardcommunity.org www.yardcommunity.org
Mount Kenya Organic Farming (MOOF)	Promotes organic farming, act as a resource centre, research novel methods, and ultimately provide training.	Non-Governmental Organization	Peter Murage P.O. Box 1053- 10400, Nanyuki 061 2031187 moofafrica@todays.co.ke
Wild Living Resources	Promotes participatory involvement, community capacity building, training and certifies local farmers on sustainable land use and sound environment management	Non-Governmental Organization	Anthony Njiru Maina Mombasa-Kilifi Road, P.O. Box 974 - 80108, Kilifi +254728 608618, 736 484317, (020) 233 0538 info@wildliving.com www.wildliving.com
VI- Agroforestry Project	Training and capacity building in sustainable agriculture and indigenous knowledge	Non-Governmental Organization	Fred Wekesa Marani P.O. Box 2006, Kitale +254 0733 516 763 viafpk@africaonline.co.ke Website: www.viskgen.org
The Organic Farmer (TOF)	It is an independent magazine for Kenyan small-scale farmers. Provides practical information on ecological farming and sustainable practices	Private Sector	Peter Kamau ICIPE Complex, P.O. Box 14352-00800, Nairobi +254 020 4450398 info@organickenya.com www.icipe.org
Taita Taveta Wildlife Forum (TTWF)	To conserve the Natural Resources through sustainable utilization for wealth creation to	Non-Governmental Organization	Caroline Talu P. O. Box 527-80300, Voi +254-020-260 802 55

	improve the standard of living in Taita and Taveta County.		+254712262581 info@ttwforum.org www.ttwforum.org
Sustainable Mobilization of Agricultural Resources (SMART) Initiatives	To facilitate learning in sustainable agriculture practices among smallholder farm families in North-western Kenya	Non-Governmental Organization	Jack Wafula P.O. Box 3761-30200, Kitale +254 720 471715/ +254735 259106 smartinitiative@yahoo.com
Sustainable Community Oriented Development Project (SCODP)	Promotes sustainable agriculture to increase productivity, hence improve small scale farmers' livelihoods.	Non-Governmental Organization	Richard Awange/ Dismas Okello P.O. Box 5, Segla, Siaya County +254 0334 34253/ 0722 389 404 infoscodp@yahoo.com
Anglican Development Services - Mount Kenya East (ADS MKE)	Training on sustainable food production and security, Environmental conservation, Sensitization on climate change and Social mobilization (Resource Mobilization).	Non-Governmental Organization	Catherine Mwangi P.O Box 290-10300, Kerugoya +254 020 2060565/ +254 720 232 181 adsmke@adsmke.org http://www.adsmke.org
Anglican Development Services - North Rift (ADS-NR)	Training on sustainable food production and security, Environmental conservation, Sensitization on climate change and Social mobilization (Resource Mobilization).	Non-Governmental Organization	P.O. Box 6495, Eldoret +254 053 62784/ 32362 elreco@africaonline.co.ke elreco@net2000ke.com
Helitech Organization CBO	Training farmers and providing them with farm inputs to grow herbs such as chia, basil and fennel among others. It also gives them technical and financial support to buy seedlings and fertilisers among other farm inputs as a way of ensuring better planting materials and production.	Non-Governmental Organization	William Gitau +254725360449 Githunguri and Kagaa
Pat Consult Ltd	Organic dairy goat milk farming and organic vegetables	Private Sector	Patricia Wangong'u Kugeria Estate, Mushroom Road, Off Kiambu Road P.O. Box 74041-00200, Nairobi. +254 722 756 277 pwangongu@gmail.com
CREP Programme	Addressing food insecurity, environmental degradation	Non-Governmental Organization	Collins Ochieng Othieno P.O. Box 86 -40122, Awasi

			+254722617030/ +254722401387/+25472261 7030 crepprogramme@yahoo.com www.crepprogramme.org
Community Mobilization Against Desertification (C-MAD)	Organic agriculture, food security and environmental conservation	Non-Governmental Organization	Charles Nyakora, P. O. Box 155-40404, Rongo +254 – 20-3582502 c_madkenya@yahoo.com ; info@c-madkenya.org www.c-madkenya.org
Kima Integrated Community Initiative Program (KICIP)	Focus on sustainable agriculture through organic farming	Non-Governmental Organization	Elimina Omusore, P.O. Box 384 LUANDA +254 733849062 or 713894828 kimaicbp@yahoo.com
Practical Action East Africa	Food security, agriculture, environment conservation, climate change initiatives	Non-Governmental Organization	Grace Mukasa P. O. Box 39493, 00623 Nairobi, +254-020- 713540/5293/9313 +254 – 020-2710083 kenya@practicalaction.or.ke / grace.mukasa@practicalaction.or.ke samowili2007@gmail.com www.practicalaction.org
Forest Action Network (FAN)	Environment conservation and sustainable agriculture.	Non-Governmental Organization	Dominic Walubengo, P.O. Box 380-00517 Uhuru Gardens, NAIROBI +254736-452100/0724- 256862 fan@fankenya.org ; fan@fankenya.or.ke www.fankenya.org
INADES Formation - Kenya	Sustainable agriculture, education, community empowerment, and rural development	Non-Governmental Organization	Japheth Muli P.O. Box 1905-90100, Machakos + 254 – 044-21595 +254721818812 inadesformation.kenya@inadesfo.net http://www.inadesfo.org /

Benevolent Institute of Development Initiatives (BIDII)	Sustainable agriculture and rural development	Non-Governmental Organization	Margaret Kisilu P.O. Box 1682 – 90100 Machakos +254 044 – 21732 /+254713248518 bidii@bidii-ngo.org
Network for Eco-farming in Africa (NECOFA)	Sustainable agriculture, environment and education	Non-Governmental Organization	Samuel Karanja Muhonyu, Neema Plaza, Stage-Posta Road, Molo, P.O. Box 819- 20106, Molo 051- 721048 / 020 2319528 necofakenya@yahoo.com
Grow Bio-Intensive Agriculture Centre of Kenya, (GBIACK)	Sustainable agriculture and rural Development	Private Sector	Samuel Nderitu, +254720323134 P.O Box 4171-01002, Thika gbiacenterkenya@yahoo.com or growbiointensivecenterkenya@gmail.com
Bio-Gardening Innovations, BIOGI	Agro-ecological approaches to sustainable farming, permaculture, renewable energy and biodiversity conservation.	Private Sector	Ferdinand Wafula Elununi village, Vihiga county +254733849072/+25471127 0905 P.O. Box 284 – 50301, Bunyore biogardeninginnov@gmail.com www.biogardeninginnovations.weebly.com
Community Initiatives for Rural Development (CIFORD)	Promotes sustainable agriculture through participatory and innovative practices, including organic farming. Provides training in sustainable methods particularly for small scale farmers in Meru County	Non-Governmental Organization	Margaret Ikiara P.O. BOX 646 – 60600, Maua +254722 – 457141 cifordmeru@yahoo.com or info@cifordkenya.org www.cifordkenya.org
Neighbours Initiative Alliance (NIA)	Food security and livelihoods development for Kenyan pastoral communities	Non-Governmental Organization	Kenny Matampash P.O. Box 366 – 01100, Kajiado +254 - 045 – 21107 / 020 260 32 88 info@niakajiado.org www.niakajiado.org
Kitui Development Centre (KDC)	Sustainable agriculture and rural development	Non-Governmental Organization	Janet Mumo P.O. BOX 901-90200, Kitui kidc@nbnet.co.ke
Nyanza Sustainable Agriculture and Rural	Sustainable agriculture and rural development; fully engaged in	Non-Governmental Organization	Michael Ogolla

Development Programme (NASARDEP)	ecological organic agriculture in Homa Bay County.		P.O. Box 62 code 40326, Rodi-Kopany +254 - 020806485, +254 734525351 nyanzasard@gmail.com
Sustainable Agriculture Rural Initiatives (SARI)	Sustainable agriculture	Non-Governmental Organization	David Kiraki P.O. BOX 761-20106 Molo +254 0733 669467 sarigroup2000@yahoo.com
Appropriate Rural Development Programme (ARDP)	Promotes participation in sustainable development, Promoting food security, ecological conservation, health and general rural development in western Kenya	Non-Governmental Organization	Boniface Omondi Project Co-ordinator P.O. BOX 11 Bar Ober Kenya +254 733 254 879 ardapkenya@access350.co.ke
Kitchen Soko	Production of organic food products, linking producers and consumers through the e-commerce	Private Sector	Winston Wachanga / David Kang'ethe / Loretta Wangui + 254 719 420165 info@kitchensoko.com
Meru Herbs Producers	Produces exotic fruit jams, herbal teas, sauces and chillies	Private Sector	Anisia W. Njeru P.O. Box 14343-00800, Nairobi, Kenya. 020-4349163/157 +254733-339885 nairobi@meruherbs.com www.merusherbs.com
Kate Organics	Supplies Moringa Oleifera Powder, Green Tea, Aloe Vera Natural Juice, Pure Honey and Healthy Greens.	Private Sector	Kate Kibarah P.O. Box 5514 - 00506, Kilimani Nairobi. Kenya +254 721385883/+254 736385883, +254-020-3861090 info@katesorganics.co.ke www.katesorganics.co.ke
Arbor Oils	Production of certified organic frankincense and myrrh essential oils	Private Sector	Hillary Sommerlatte NaroMoru, Gatuamba, Kieni East, Central Province P.O. Box 24, NaroMoru +254 062 56002/+254 733716948/ +254 733 788 681 malte@wananchi.com , oilsafrica@swiftkenya.com
Navida Natural Foods Limited	Production and supply of Edible oils from organic sesame, peanuts, coconuts (virgin coconut oil). All these are certified Organic	Private Sector	John Otieno Mferejini near Kijipwa Police Station P.O. Box 5106 Bamburi, Mombasa

	and Fair Trade for export to both American and European markets.		0787265966/0724596359 +254 708 821104 johanaobop@yahoo.com info@navidafoods.com www.navidafoods.com
Olivado Kenya (EPZ) Ltd	Production and export of certified organic avocado oil	Private Sector	Gary Hannam Off Kenol-Sagana Road, P.O. Box 27953-00100 Nairobi +254 710 535303 gh@tanlay.com , okl@olivado.com www.olivado.com
Fine Aromas of Kenya	Trades in Organic fruits, vegetables, cereals, herbs, milk and honey	Private Sector	Miriam Wairimu C. K. Business Centre, Ruiru Town P.O Box 484 – 01001, Kalimoni. info@finearomaskenya.com finearomaskenya@gmail.com Tel. 0721949546/0734644753
Ten Senses Africa Limited	Processing of organic cashew and macadamia nuts	Private Sector	Frank Omondi Managing Director P.O. Box 774-00204, Athi River +254 722214932/ 721 815616 frank.omondi@tensenses.com www.tensenses.com
Organic Processors and Packers Kenya Limited	Processing of Organic mangoes, fresh and single strength juice, and mango concentrate	Private Sector	Jolly Thomas/ Mr. Haren Patel P.O BOX 5019-00506, Nairobi Tana Delta +254 20 536147/8 +254727232694/725539297 /736103103 jollythomas2000@yahoo.com or palu@propulsionsys.com www.macefoods.com
Earth Oil Extracts Ltd	Processing of Organic Tea Tree oil, cold-pressed oils, borage seeds, avocado, papaya seeds, passion fruits.	Private Sector	Martin Wainaina P.O. Box 76618-00508, NAIROBI +254 0739 534766 martin.wainaina@earthoil.com www.earthoil.com

			Located in Nanyuki
Jungle Macs EPZ	Export of organic macadamia, coffee, honey and avocado	Private Sector	Patrick Wainaina P.O. Box 2068-0100, Thika Makongeni +254 722531106 patrick@junglenuts.co.ke www.junglenuts.co.ke
Lubanchem Limited	Production of wild-harvested essential oils	Private Sector	Sadqa Haq, Nairobi +254 20 535177/559701 sadqa@africaonline.co.ke www.lubanchem.com
Sunripe (1976) Ltd	Growing, processing, exporting and marketing of fresh organic vegetables, fruits and flowers	Private Sector	Kenneth Maundu P.O. Box 41852-00100 Nairobi +254-20-822518/948 info@sunripe.co.ke www.sunripe.co.ke
James Finlay Tea Estates	Manufacture and sale of black, green, instant and decaffeinated teas.	Private Sector	Wesley Bosuben P.O. BOX 223, Kericho +254 062 32726/9 chepkembe@finlays.co.ke www.finlays.net
Muiiri Coffee Estate Ltd	Production and export of organic coffee	Private Sector	TM Muigai P.O Box 60962, Nairobi Off Bob Harris Road, Thika, Kenya +254724335338 tmmuigai@hotmail.com or tmuigai@ecomtrading.com
Mbumi Coffee Estate and Mills Limited	Production, processing and export of organic coffee	Private Sector	Isaac Gichia P. O BOX 10872-00400 Off Kiambu road next to paradise lost park. +254 722 707 90 isaacgichia@yahoo.com www.coffeeallseasons.com
Limbua Group Limited	Production, processing and export of organic macadamia	Private Sector	P.O Box 341- 60100 Embu, Kenya +254 725 966 383 Kangaru Market, Embu County
Kenya Nut Company Limited	Production of Macadamia nuts and coffee.	Private Sector	Angeline Wairimu +254 020 4448123/ 67 21018/19/23 kenyanut@africaonline.co.ke www.kenyanut.com Thika
Serendi Kenya Limited	Trades in certified coconut oil	Private Sector	James Kigo P.O. BOX 1686-80400, Ukunda

			james@serendikenya.com +254 727 926608 www.serendikenya.com
Mace Foods Limited	Export of African Birds Eye chillies	Private Sector	Margaret Komen P.O. Box 5858-30100, Eldoret +254 20 358 5075; +254 720 391290 Margaret@macefoods.com ; macefoods@t-online.de www.macefoods.com
Nettle World	Production and processing of stinging nettle	Private Sector	David Kiruhi P.O. Box 2698, Nyeri +254 722 357 502; +254 715 679 200 worldofnettle@yahoo.com
Bridges Organic Health Restaurant	Certified Organic <i>Ala carte</i> menu and outside catering	Private Sector	Anne Mbugua Tubman Road, Opp City Market P.O. Box 68203-00200, Nairobi +254 0722 424 125 bridges_organic@yahoo.com www.bridgesorganicrestaurant.com
DusitD2 Nairobi	Hospitality, organic <i>Ala carte</i> menu and accommodation	Private Sector	Olivier Francais 14 Riverside, off Riverside Drive P.O. BOX 41596 +254 (020) 4233000; +254 (020) 4233164; +254 705005521 anton.gasnier@dusit.com olivier.francais@dusit.com http://www.d2nairobi.com
Kalimoni greens Organic shop	Supplies organic fruits, vegetables, health supplements, fresh organic juices and dairy products.	Private Sector	Lilian Kanari +254 722 509 829 organic@kalimoni-greens.com
Healthy U	Stocks natural and organic foods, special diet food, supplements, vitamins, herbs and aromatherapy oils	Private Sector	Cecily - Manager Sarit, Yaya, Westgate, Galleria, Karen Hub, Hilton and Tuskys mall +254 (20) 2431533, +254707 363 073, +254788331505 info@healthyu2000.com www.healthyu2000.com
Organic Foods (Home delivery)	Offers a small range of vegetables, herbs and conserves that can be delivered to you	Private Sector	Lilian Maremma, Ngong +254 721 654 683 lilian@kijiwaorganic.com

			lilian@organicfoods.com www.kijiwaorganic.com
Zucchini ABC Place	Supply of Organic fruits and vegetables	Private Sector	J.S. Jandu ABC Centre, Nairobi. +254(20) 4444433. info@Zucchinni.co.ke
Corner Shop - Diamond Plaza	Supply of organic fruits and vegetables and home deliveries	Private Sector	Diamond Plaza, Parklands +254 0203750662, +254739 947451, +254722891937 diamondplaza@thecornershop.co.ke
Mlango Farm	Organic farming, mainly vegetables	Private Sector	Ngecha, Limuru P. O. Box 27619 - 00100 Nairobi, Kenya +254 (0)72 8848296 +254 (0)70 2634572 info@mlango.org
Amazing Harvest Kenya	Produces organic fruits and vegetables	Private Sector	Martha NjeriKihara +254 722969354 marthakihara@gmail.com Kiambu
Archdiocesan Farm	Production of organic vegetables and dairy products	Private Sector	Teresa Wambui, Limuru +254 727 976 824 archdiocesefarm@yahoo.com
Ngelani Athi Organic Farm	Production of organic vegetables	Private Sector	Justin Gitonga, Athi River +254 722 519 787 info@finteriors.co.ke
Aqua Meadows Farm	Production of organic vegetables, arrow roots, sweet potatoes and maize	Private Sector	Bernard Mugenyoo, Clay Works +254 733 565 085 mugenyomoina@yahoo.com
Rock of Ages Self Help Group	Production of organic vegetables, maize and beans		Nancy Njenga, Ruai, Nairobi +254726095543 nancynjenga@yahoo.com
Jatflora Organic Farm	Production of organic mushrooms, vegetables, rabbit meat, fruits and tree seedlings	Private Sector	James Aketch, Gilgil, Kenya +254 773480001 P.O. Box 17-20116 Gilgil info@jatflora.org
Organic Industry and Demo Farm	Production of herbs, vegetables, fruits, root crops, bananas and dried products	Private Sector	Carol +254-725859427 Kabati, Muranga County
Kamicha Kabondo Fresh Organic Cassava PGS Group	Organic Production and processing of Cassava	Private Sector	Charles Ouma Odegu +254 728549253 Kachola village, Kochogo location, Kisumu County
Mwingi Beekeepers Cooperative	Production and processing of organic honey	Private Sector	Titus Kingangi

			P.O. Box 1266 - 90200, Mwingi Kitui. info@icipe.org
Mukika Self Help Group	Production of Organic Indigenous Chicken	Private Sector	Charles Muchemi, Dagoretti +254 728312031
Pace-setter Organic Farms	Certified organic producers of Maize, Beans, fruits and vegetables	Private Sector	J. T. Muriithi Simba P. O. Box 12 – 10230, Sagana.0726-593818 sohgro@yahoo.com
Nyumbani Village-Kitui	Production of organic Leeks, Egg Plant, Moringa, cowpeas, watermelon, eggs, honey and fruits	Private Sector	Sister Mary Owens +254 20 2460474/ 20 388 2429/ 0735 265002/0722 201163, Kitui mary@nyumbani.org / village@u@nyumbani.org www.nyumbani.com
Ruchu Organic Farm	Production of organic vegetables, fruits, chicken and eggs	Private Sector	Michael RuchuGitau +254 713 823 292 michaelruchu@yahoo.com Gatukuyu, Mangu
Spoondrift Organic Farm	Production of a variety of organic green leafy veggies, mixed salads, mushrooms and herbs	Private Sector	John Scully / Steven Pulei Kiserian +254 724 165 852/ 723 760 963. scullynbo@gmail.com
Yatta Smallholder Organic Farmers Marketing Network	Production of organic Fruits, vegetables, pulses and cereals	Private Sector	James Kimani, Yatta, Machakos, +254 727 478 858 yasofman@yahoo.com
Masai Eco Farms	Produces and markets quality products through certified organic systems, and reflective environment resource management to ensure food safety and sustainable biodiversity for eco and agri-tourism.	Private Sector	Njeri Sukuro 22 Purko, Namanga Kajiado Road P.O. Box 501 - 01100 Kajiado +254(0)7223 731437 masai.eco@gmail.com www.masai-eco-farms.com
Kisima Farm Limited	Their primary focus is on arable crops and floriculture. Also manages a successful forestry programme, runs a small dairy herd, and supports numerous thriving community development projects. They are also producers of certified seed potatoes.	Private Sector	John Harris, Rumuruti P.O. Box 20139-00200, Nairobi. +254 062 32370/32124/ 0722 642 822 Johnnyharris@kisima.co.ke www.kisima.co.ke
Beverly Limited	Production of Organic strawberry	Private Sector	Bernard Muhia +254 208562870, Nairobi Beverly@nbi.ispkenya.com

Fresh Farm Organics SHG	Organic produce trading, bulking, warehousing and other logistics	Private Sector	Nancy Nkatha, Ruiru P.O. BOX 1266 - 90200, Kitui +254 720 344 054
Mavuno Organics Kenya Limited	Production and marketing of organic fruits	Private Sector	Anthony Ngugi Off Airport North Road, Aviation Complex.P.O Box 51221-00100 Nairobi +254 722 384 038 mavunobios@gmail.com / anthony@mavunobios.co.ke
Kubukubu Agro Organic Products	Production of organic horticultural products	Private Sector	Jack Rware P.O. Box 453, EMBU +254 (0) 717 157 831 kubukubuagroorganic@yahoo.com
Mitha Solutions	Production of organic stinging nettle	Private Sector	Eunice Mumbi Muratha P. O. Box 357 - 20300 Nyahururu. +254723-848399 eunicemuratha@yahoo.com
Kijiwa Organic Farm	Production of organic vegetables	Private Sector	Lilian Maremma P. O. Box 1205 - 00502 Nairobi. +254721 - 654683 lmaremma@yahoo.com
Uruku Farms Limited	Production of organic vegetables, beans, spices and herbs	Private Sector	Mwenda Gitobu P. O. Box 12729 - 00100 Nairobi. +254720 - 268110 / +254722 - 714047 info@urukufarms.com http://www.urukufarms.com
Mararo Organic Farm	Production of organic vegetables, spices and bananas	Private Sector	James Nganga Kamau, Wangige P. O. Box 259 – 00614, Nairobi +254711 - 843213
S&S Happy Farm	Production of organic vegetables, beans, spices, milk, chicken and fruits	Private Sector	Alexander Barabanov +254 720 633 455 alexander.barabanov@unon.org www.greendreams.co.ke
Randall's Organic Farm	Production of organic vegetables, fruits, herbs, spices and beans	Private Sector	Jane Randall P. O. Box 47093 - 00100 Nairobi. +254729-984390 / +254733-714010 randall.jane62@yahoo.com
Olooseos Organics	Production of organic vegetables, beans and tree tomatoes	Private Sector	John M. Scully P. O. Box 72461 - 00200 Nairobi. +254724-165852

			scullynbo@gmail.com
Kinangop Fresh Organic Produce	Production of organic vegetables and tree tomatoes	Private Sector	Peter Karanja Magwa P. O. Box 62019 - 00200, Nairobi +254722 - 305873 / +254722 - 495281. pete@rajwa.co.ke
Gakii Farm	Production of organic Broccoli, Capsicum, Cauliflower, Cucumber, Strawberry, Tomatoes.	Private Sector	Kiragu Maina P. O. Box 3881 - 00100 Nairobi. +254 721 427 196 tukijaliwa@yahoo.com
Sironik Farm	Production of organic vegetables, maize, beans and fruits	Private Sector	Elizabeth Wambui Ngugi P. O. Box 15504 Mbagathi. +254717-370657
Cabesi Self Help group	Purchase, processing and selling of West Pokot organic honey, beeswax, and propolis cream	Private Sector	Mercy Kiyapyap P.O Box 342 - 30600, Makutano, Kapenguria +254 720215546/ +254735282547 cabesimarket@yahoo.com
Kids Ventures Garden Estate	Supplies organic fruits, vegetables and other dry cereal products. It is supported by farmers from surrounding Kiambu, Nairobi, Machakos and Rongai.	Private Sector	Garden Estate Nairobi, Kenya +254721 609158 www.kidventurous.org
Organic Farmers Market	Certified organic farmers offering farm fresh organic produce and various healthy food businesses.	Private Sector	Dennis Andaye +254 712 879 803 ofmnairobi@gmail.com Karen, Nairobi
Bridges Organic Farmers Market	Supplies organic vegetables, fruits and herbs	Private Sector	Ann Mbugua P.O. Box 68203-00200, Nairobi Tubman Road, Behind City Market, Nairobi. +254 0722424125/0732502528 bridges_organic@yahoo.com www.bridgesorganicrestaurant.com
US Embassy Organic Farmers Market	Certified organic farmers supplying Vegetables, Fruits and Herbs	Private Sector	Anar Shah US Embassy, Nairobi Shahgn@state.gov
Fun Zone Garden Estate Organic Market	Organic fresh vegetables, herbs, dairy and poultry products, organic cereals, value-added organic products including organic oils, herbal body creams and organic honey	Private Sector	Martha Kihara Fun Zone Restaurant along Garden Road near St. Gabriels Catholic Church +254 - 722722099

Mugima Organic Market	Organic Fresh products; vegetables, organic herbs, Animal products; Dairy and Poultry, organic cereals, value-added organic products; Organic Oils, herbal body creams and Organic honey	Private Sector	Esther Kiruthi Kagai Mugima, off Magadi Road near Kiserian Town P.O. BOX 665-00206 +254 - 727977009
International School of Kenya Organic Market	Organic Fresh products; vegetables, organic herbs, Animal products; Dairy and Poultry, organic cereals, value-added organic products; Organic Oils, herbal body creams and Organic honey	Private Sector	Adrienne Donohue International School of Kenya (ISK) adriennedonohue@gmail.com
Green Life Crop Protection African Limited	Supplies organic fertilizers (Plant Guard)	Private Sector	Off Mombasa Rd, Behind Tuskys Head Office, Nairobi 0800721495; +254722563698
Legorn Fertilizers	Supplies organic fertilizers (Sifa Organic Fertilizer)	Private Sector	Thika - Garissa Road +254713108722
Farm Star	Supplies organic fertilizers (Evergrow Organic Fertilizer)	Private Sector	Takataka Solutions Headquarters, Theta Lane, Kilimani, Kileleshwa, Nairobi +254 0718 800 330 info@farmstar.co.ke
Takataka Solutions	Provision of organic fertilizers and compost from recycled waste (Bioplus)	Private Sector	+254 708 276 201 info@takatakasolutions.com https://takatakasolutions.com/
Rokam Enterprises	Supply of Organic fertilizers, Minjingu Phosphate	Private Sector	Roy Noah Muganda Makadara Market Stall 68, P.O. BOX 3477-01002 THIKA +254722599547, +254722776348, +254734526175 mugandaroy@yahoo.com
Lachlan (K) Limited	Provision of organic bio-fertilizers (Organia Bio Fuerza)	Private Sector	Gerald Wakiiru Sunflag Industrial Park, Warehouse No. 1 Mombasa Road Nairobi 020 2073912 Lachlan@agriculture.co.ke
African Beekeepers Limited	Supply of beekeeping equipment	Private Sector	Industrial Area, Nairobi +254722700226
Osho Chemical Industries Limited	Bio-fertilizers and bio-stimulants, bio-pesticides and organic soil conditioners	Private Sector	Paul Ngunyo Outering Road, Nairobi. +254 (20) 3756222

			+254 726880480/ 733880480 oshochem@oshochem.com www.oshochem.com
Eco Fertilizers Kenya / Eco Fuels Kenya (EFK)	Distribution of EAOPS certified organic fertilizers and soil conditioners (EcoGrow Plus Neem fertilizers and soil conditioners)	Private Sector	MylesLutheran +254 702974109 myles@ecofuelskenya.com http://ecofuelskenya.com Naromoru
Koppert Biological Systems (K) Limited	Supply of Bio-pesticides, fungicides, organic fertilizers and soil conditioners	Private Sector	C. Macharia +254 (20) 2021918 cmacharia@koppert.co.ke info@koppert.co.ke www.koppert.co.ke/www.koppert.com
Juanco SPS limited	Supplies organic fertilizers, soil conditioners, biocides and natural extracts	Private Sector	Joseph Karanja, Juanco centre, Ngong road, Nairobi +254(20)2088754/5; +254 722 207 805
Essentia Kanan	Production and supply of organic fertilizers, compost and organic waste management	Private Sector	Reja House, Magadi Road Ongata Rongai, Nairobi. +254737 755713; +254 722 429 707 info@essentiakanan.com
Wanda Organics	Production and supply of bio-organic fertilizers (plant mate) and foliar plant food (Prime EC)	Private Sector	Kaka House, 4th Floor, Maua Close, Nairobi. +254 786 222276
Green Resources Explorations	Supplies organic fertilizers	Private Sector	BEIJING ROAD, MLOLONGO NAIROBI KENYA
Avogrow Soil Conditioner Hopetoun Limited	Production and supply of soil conditioner and growing media	Private Sector	Ashok N. Wandhekar +254706505090 Email: ashok@olivado.com
Lentera Africa Limited	Supplies organic fertilizers (PROM - Phosphate Rich Organic Manure)	Private Sector	Lentera House, Opposite 5 Star Meadows, Kiambu. +254743162357
Organix Limited	Supplies organic fertilizers	Private Sector	Aasit Shah, Mushembi Road; Ngara opp. Stima Sacco, Nairobi. +254 20 356 6241/2, +254 720 937 535
Antrix International Limited	Supplies organic fertilizers (Dharani Herbal Powder)	Private Sector	A13 Ramaco Court, Mombasa Road +254727455956
Phytomedia International Limited	Supply of Phymyx organic fertilizers, soil conditioner, nurturing media and inoculum substrate	Private Sector	Edgar BO P.O. BOX 79509-00200, Nairobi +254 20 214013/30/0733 731093

			phymyx@gt.co.ke http://ecofuelskenya.com
Rutuba Bio Agric and Organic Fertilizers Co. Ltd	Supply of Organic fertilizers, foliar feeds, biocides and soil conditioners	Private Sector	Rev. Nelson M. Kariuki P.O. Box 2220-30200, Kitale Kenya KitaleMun. Block 18/Bidii/1069 +254 722-828-196 revkariuki@gmail.com www.Rutuba-Organic.com
Mea Fertilizers	Supplier of organic fertilizers (Biofix)	Private Sector	Westcom Point, Block A, 5 th Floor, off Waiyaki Way, Opp. Safaricom Hq., Nairobi +254 724 253 312 info@mea.co.ke
Kenya Organic Finest Aromas Limited	Supplies organic fertilizers (Rotuba Bio-Fertilizer)	Private Sector	Franciscah Munyi Sagana Town, Kirinyaga +254724438753/+25472264 2454/+254727690370
Organic Africa	Supply of Organic farm inputs, fertilizers, pesticides, tropical herbs, health supplements	Private Sector	Peter Chandi P.O. Box 340, Embu
Organic Technologies	Supply of organic fertilizers	Private Sector	Ruth Nyambura P.O. Box 6357, Thika, Kandara +254 722 599478/ +254 733546491 +254 710644703, organictechnologies@yahoo.com peterchandi@yahoo.com
Kenya Com Rabbit Consortium Ltd	Manufacturers of KCRC organic fertilizers and pesticides, organic crop protection and soil testing services	Private Sector	Robinson Kariuki Runyenje, Sagana – Karatina Highway, P.O Box 70528 -00400 +254725600710 / +254721987613 info@rabbitsurineextra.com www.rabbitsurineextra.com
EnCert	Inspection, verification and Certifications for various quality standards	Private Sector	Musa Njoka Mwingi Honey Market place, P.O. Box 74510-00200, Nairobi +254 724 910 240 info@encert.co.ke www.encert.co.ke
Acert Services Limited	Inspection, verification and Certifications for various quality standards	Private Sector	Susan Wambui P.O.BOX 1175 – 0203, Thika

			Valley Plaza +254 723 857 373 Info@acertservices.net ; susan@acertservices.net www.acertservices.net
Nesvax Control Limited	Inspection, verification and Certifications for various quality standards	Private Sector	Sylvester Gule 2nd Floor Odysee plaza-South-B, Nairobi +254733985500 P.O. Box 14360-00100 GPO, Nairobi. info@nesvax-control.com www.nesvax-control.com
Organic Consumers Alliance (OCA)	Value chain and market access promotion, nutrition and health and associated lifestyle change	Non-Governmental Organization	Peter Mokaya P.O. Box 30197 - 00100, Nairobi, Kenya +254 435758/738 425758 peter.mokaya@organicconsumers.co.ke www.organicconsumers.co.ke
Consumer Information Network (CIN)	Empower consumers through education, advocacy, and research on consumer concerns. Protection of consumer rights and consumer responsibility.	Non-Governmental Organization	Samuel Ochieng KCB Building, Ground floor, Jogoo Road, Nairobi. +2540202368204/ +254721359669/+25472255 5099 admin@consumerupdate.org www.consumerupdate.org
Egerton University	Research, Training and Extension. Curriculum development on organic inspectors	Research Organization	Prof. G. Mwangi P.O. Box 536- 20115, Egerton, Njoro +254 51 2217891 info@u@egerton.ac.ke www.egerton.ac.ke
Kenya Institute of Organic Farming (KIOF)	Formal Training in Organic Agriculture at Diploma and Certificate level, Training activities rural farmers, individually and in groups all over Kenya, promoting and participating in local organic marketing.	Private Sector/Non-Governmental Organization	John Wanjau Njoroge Juja town, Ndarugo Motel, P. O. Box 34972 00100, Nairobi +254 733 799072 / +254 733 817240/ +254 720 604 820 kiof@iconnect.co.ke www.kiof.org
The University of Nairobi	Research, training and extension	Research Organization	Prof. Raphael Wahome Associate Professor of Livestock Production Systems, Upper Kabete

			P.O Box 30197 - 00100, Nairobi +254 722244620 rwahome@uonbi.ac.ke , rwahome@gmail.com www.uonbi.ac.ke
Manor House Agricultural Centre	Technical training, Research and Community based extension.	Non-Governmental Organization	Nicodemus Nyongesa P.O. Box Private Bag, Kitale, +254 20 2094740/ +254733837157 or 0727786865 mhac@africaonline.co.ke/ nyongesa28@yahoo.com www.mhacbiointensive.org
Community Sustainable Agriculture and Healthy Environment Program (C-SHEP)	Training farmers on organic agriculture, conduct inspection for organic farms	Non-Governmental Organization	Esther Wangari Kiruthi P.O. BOX 665-00206, Kiserian +254 0727977009 cshepkenya@gmail.com
Agribiz Management and Marketing Services Limited	Organic training, marketing, agro-tourism and business management	Private Sector	Job Mureithi +254 734 315800 jmurithi@agrimis.net www.agrimis.net Rowan Building, Ruiru, Nairobi
Community Sustainable Development Empowerment Programme (COSDEP)	Field-based training and extension on organic crop production	Non-Governmental Organization	Stanley Ng'ethe Kinyanjui Organization's Director, P. O. BOX 132-00621, Village Market, Gachie Town, off Limuru +254 722 460 769 coskenya@yahoo.com www.cosdepwordpress.com
Schools and Colleges Permaculture Programme (SCOPE-Kenya)	A network organization that was started to strengthen and connect the ongoing initiatives of working with schools on sustainable land use and production of nutritious food.	Non-Governmental Organization	P.O. Box 6123 – 01000, Thika, Kenya. +254 706972084. scope@scopekenya.net or scopekenya7@gmail.com
Sustainable Agriculture Community Development Program (SACDEP- Kenya)	Agricultural extension, technical training and research, networking and partnerships, advocacy, lobbying and campaigns	Non-Governmental Organization	Mr. Ngugi Mutura P.O. BOX 1134, Thika SACDEP Training Centre, Upper-hill road next to Central Memorial Hospital +254 067 30541/7/ 020-2614690 +254 067 30055

			Sacdepkenya@iconnect.co.ke www.sacdep.org
Resources Oriented Development Initiative (RODI- Kenya)	Field-based training and extension on organic crop production and beekeeping	Non-Governmental Organization	Eliud Ngunjiri P.O. Box 531, Ruiru +254 067 55038/54576/ 020 2044799 rodikenya@iconnect.co.ke
Community Development and Research Centre (CDRC)	Promotes participatory involvement, community capacity building, gender sensitivity, sound environmental management and sustainability.	Non-Governmental Organization	James M. Mwangi P.O. BOX 130, Thika +254 020 31012 cdrckenya@yahoo.com/jamesmwangi@excite.com
Sigoti Agricultural Training College, Kisumu	Field-based training and extension on organic crop production and beekeeping	Training and Research Organization/Private Sector	Br. Sylvester/Patrick Nandi P.O. BOX 34, Sondu +254 0734 847353/ 0722 446 638 patnandi@yahoo.com
Baraka Agriculture College	Field-based training and extension on organic crop production and beekeeping	Training and Research Organization/Private Sector	Francis Nyange P.O. BOX 52-20106, Molo. +254 020 2313400/ +254 020 2313443/+254 0725 777 421 baraka@sustainableag.org www.sustainableag.org
Sustainable Utilization of Food and Development Organization	Training on organic concepts of production and value addition of farm produce. Marketing of value-added products	Training and Research Organization/Private Sector	Tabitha Kinuthia P.O. Box 39251-00623, Nairobi +254 724456420 sufodj@yahoo.com
ETANG Kenya	Training in Enterprise Development, Food Science and Technology and Sustainable Agriculture	Training and Research Organization/Private Sector	P.O. BOX 5688, ELDORET Eldoret Town, Pioneer Area, 4th Street. +254 053 2030057/ +254722 649 571 etang@kenyaweb.com
Seed Savers Network Kenya	Conserve Agro-biodiversity by strengthening communities seed systems for improved seed access and enhanced food sovereignty	Non-Governmental Organization	Mr. Wanjama P.O. BOX 334 -20116 Gilgil, Nakuru, Kenya. +254712451777 Email: info@seedsaverskenya.org
Beacon of Hope	Empowering vulnerable groups in society by providing agricultural training	Non-Governmental Organization	Ongata Rongai, Off Magadi Road, Gataka Rd, Nairobi, Kenya +254-20-2020793. info@beaconafrica.org
Institute for Culture and Ecology (ICE)	Promote indigenous knowledge for environmental conservation and to enhance the livelihoods of local communities towards sustainable development	Non-Governmental Organization	Mr. Martin +254-20-29338/ +254723 684 523 Email: info@icekenya.org www.icekenya.org

Biodiversity and Biosafety Association of Kenya (BIBA Kenya), the former Kenya Biodiversity Coalition (KBioC)	Coordinate, create public exposure of national organic agricultural sector promoting its contribution to economic environmental social benefits	Non-Governmental Organization	Anne Wanjiku Maina P.O. Box 6123-01000, Thika SACDEP Training Centre, Upper Hill Road, Thika +254722386263 anne.maina@kbioc.org
Farming systems Kenya	Reducing poverty through agricultural development focusing on smallholder farmers	Non-Governmental Organization	Dr. Raphael Kinoti Executive Director +254724226424 info@farmingsystemskenya.org
Centre for Training and Integrated Research in ASAL Development (CETRAD)	Research and training to design strategies for sustainable development	Non-Governmental Organization	Office no.: +254 62 2031328 Mobile: +254 725348449 Email: cetrad@cetrad.org

6.3 Stakeholder Power and Influence in the EOA value chain in Kenya

Fig. 5 below shows Kenyan National/Governmental EOA stakeholders have varying levels of power and influence. The most powerful and influential stakeholder in Kenya is the Ministry of Agriculture, Livestock and Fisheries (MoALF) rated at 5 for both followed by Kenya Agricultural and Livestock Research Organization (KALRO) rated at 4.3 in terms of power and Kenya Organic Agriculture Network (KOAN) rated at 4.2 in terms of influence.

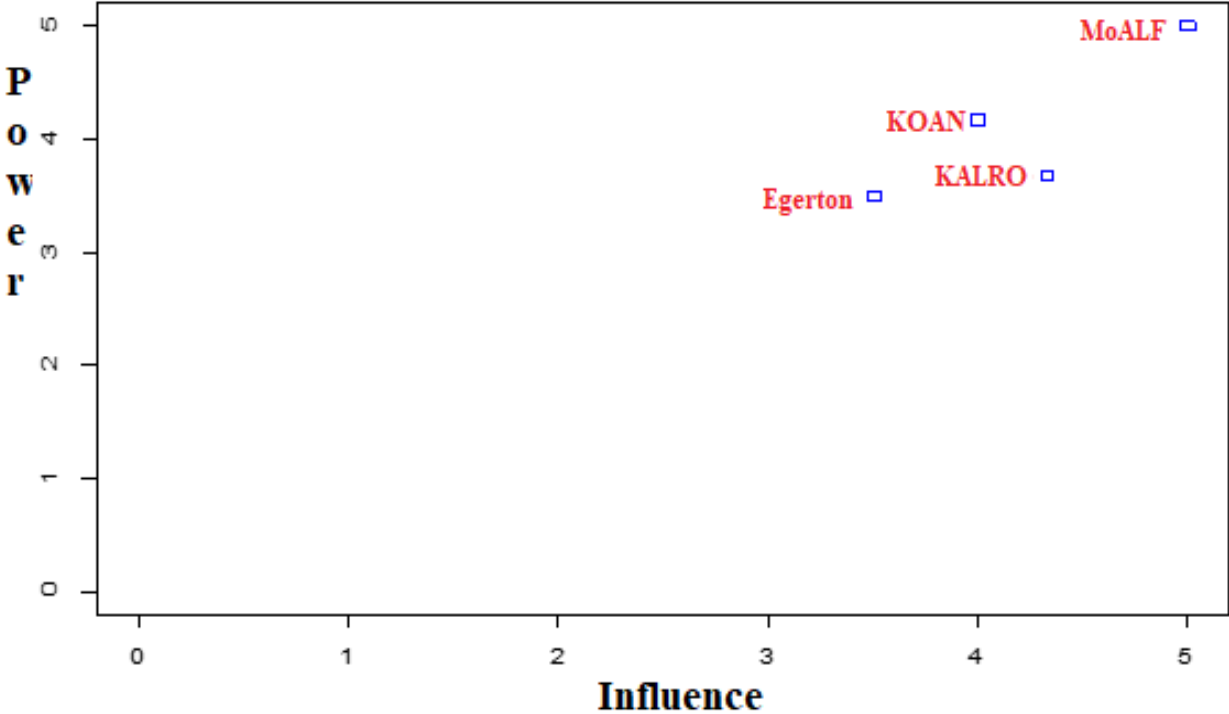


Figure 5: National and Governmental Key EOA Stakeholders' Power & Influence

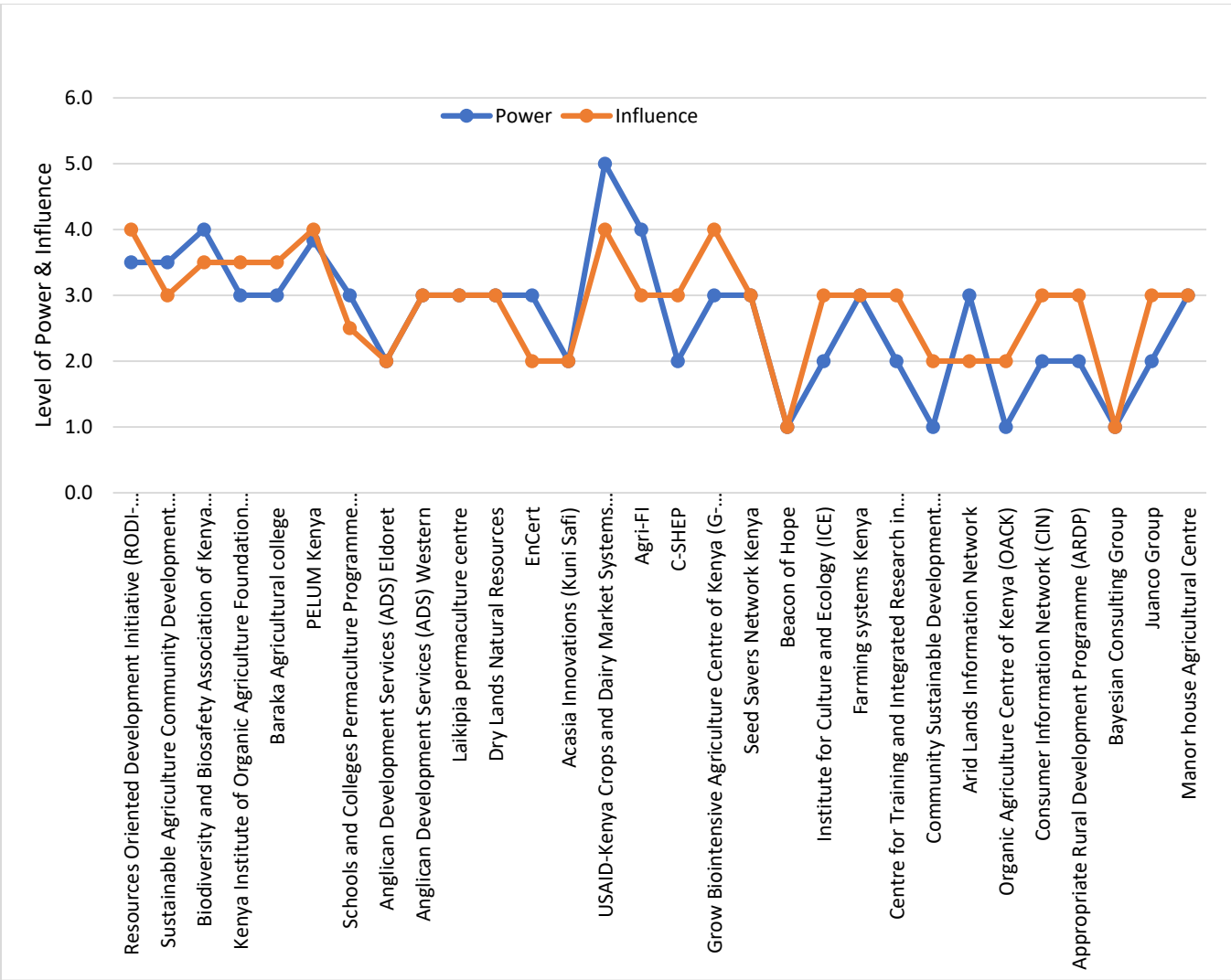


Figure 6: Power & Influence among Kenyan Non-Governmental EOA Stakeholders

In Fig. 6 above, the USAID-Kenya Crops and Dairy Market Systems Development Project (Managed by RTI) is the most powerful and influential rated at 5 and 4 respectively followed by PELLUM Kenya and Biodiversity & Biosafety Association among non-governmental stakeholders. The least powerful are the Beacon of Hope, Community Sustainable Development Empowerment Programme (COSDEP), Organic Consumers Alliance (OCA) and Bayesian Consulting Group with a mere rate of 1.

7. NIGERIA

7.1 Overview of Organic Agriculture in Nigeria

The Nigerian agricultural sector is a key driver of the country's economy, comprising of different players drawn from the government, private sector, Non-governmental organizations, farmer groups and cooperatives and individual actors. They form a complex stakeholder network with a large number of direct and indirect relationships, who need to be actively involved in policy development and programme implementation. The Association of Organic Agriculture Practitioners of Nigeria (NOAN) is the lead organization for EOA in Nigeria, which acts as the umbrella for all other stakeholders in the country.

Traditionally, farmers in Nigeria engage in composting to supply organic fertilizers at the subsistence level to their farms. Organic farmers in Nigeria rely heavily on crop residues, animal manures, legumes, green manures, organic wastes and mineral-bearing rocks to feed the soil and supply plant nutrients. The introduction of organic agriculture into the curriculum of Nigerian universities, the evolution of NOAN and the African Union's decision to support organic farming and their subsequent leadership (EOA, 2015) in promoting and further developing framework/strategies for organic policies such as the Africa Ecological Organic Agriculture Initiative and the IFOAM-Organics International, Africa Union conference that took place in Nairobi in 2011 was a good move by the government in promoting organic farming. Despite the several opportunities that abound in the country, Nigeria is yet to make its mark in organic agriculture in the region, continent and globally. Interventions are needed from the government, NGO's, private organization and international organizations for proper growth and development of organic agriculture.

7.2 Summary of Nigerian EOA stakeholders, their roles and contact information

Actor/Stakeholder	Role in EOA-I implementation	Stakeholder category	Contact information
Federal Ministry of Agriculture And Rural Development (FMARD)	Formulation of EOA relevant policies and ensuring their implementation	Governmental Organization	Mr. Isah Adamu / Mrs. B. F. Abdullateef Tel: +234 8035049545, +234 7032400480 fertilizerdepartment@yahoo.com biliqisabdullateef@yahoo.com Apata, Ibadan
Federation of Agricultural Commodity Association of Nigeria (FACAN)	Farmers organization involved in the distribution of organic inputs	Non-Governmental Organization	Prince Peter O. Bakare +2348063211989 pokebakare@gmail.com
Farmers Development Union (FADU)	Farmers/producer organization for organic input assessment and distribution	Private Sector	Bayo Olaniyan +2348033944101 lasadeo@yahoo.com

Oyo State Agricultural Development Programme	Formulation of EOA relevant policies and programs and facilitate their implementation		Mr. L. O. Oladapo Tel: +234 8038097774 oysadep2005@yahoo.com Ibadan
Association of Organic Agriculture Practitioners of Nigeria (NOAN)	It is an umbrella body for organic farming activities in Nigeria. It networks and links organic agriculture stakeholders within and outside the country.	Governmental Organization	Mr. Chief M. Salimonu Olungbenga + 2348038010690 noannigeria@gmail.com
Federation of Agricultural Commodities Association of Nigeria (FACAN)	Promotion of Export commodities	Private Sector	Dr. Basse D. Essiet sambbassey@icloud.com
Dara/ Eurobridge Farm	Produces organic lemongrass, turmeric, plantain and medicinal herbs.	Private Sector	Oni Gabriel Oluwarotimi +234 803 829 1494 34/36 Burma Rd, Apapa, Lagos
All Nigeria Organic Farmers Association	Formed to assist local farmers in learning organic systems	Non-Governmental Organization	University of Ibadan, National Secretariat RM 25, Agronomy Department, Faculty of Agriculture, Ibadan, Nigeria Phone: +234 803 392 8111
University of Ibadan Organic Garden	Production of organic vegetables	Research/Training Organization	Mrs. O. O. Alonge Tel: +234 8063668609 oyetounalonge@gmail.com
Olusegun Obasanjo Centre for OA, Research and Development (OOCORD)	Research, training, input supply, production, processing and marketing of organic products	Research/Training Organization	
Lautech Organic Group	Production of organic Ginger, turmeric and lemongrass	Private Sector	Timothy Olabiyi Tel:+234 8065245297 t.olabiyi@yahoo.co.uk Ogbomoso
Cherish Farms	Production of organic fruits and vegetables	Private Sector	Dr. O. B. Adewoyin Tel:+234 7069224939 yinkaadewoyin@yahoo.com Akilapa village
Earthly Farm Produce Limited	Production of organic Cowpea, pepper, tomatoes and yam.	Private Sector	Olufemi Kesington Tel:+234 8082008880 Iwo, Osun State honeybees@earthlyproducelimited.com www.earthlyproducelimited.com

Abayomi Farm Estate	Production of organic Oil palm, pineapple, plantain and citrus.	Private Sector	J. I. Olanihun Tel:+234 8064868060 Ikoyi, Osun State
Ajibode Organic Farmers' Group	Production of organic vegetables	Private Sector	M.O. Salimonu Tel:+234 8038010690 +234 809824486 Ajibode, Ibadan
Elekuru Organic Farmers' Group	Production of organic Vegetables, yam, cassava, maize and sweet potatoes	Private Sector	AyanfeOluwa Olufemi Tel:+234 8075137957 ayanfeoluwaolufemi@gmail.com
Ago Owu Organic Farmers' Group	Production of organic plantain, banana, golden melon, pepper, cocoa, maize, oil palm	Private Sector	M.A. Bakare, Ago Owu Farm Settlement, Osun State Tel:+234 8024695244
Akinyele Organic Farmers' Group	Production of organic Maize, pepper, banana, plantains and cocoyam	Private Sector	Mr. Lukman A. Adeniran Tel:+234 8179825114, +234 8114658130
Beekeeping Extension Society	Production of organic honey	Private Sector	Umar Faruok Idris Tel:+234 8034501061 beekeepers2002@yahoo.com Kaduna
Ajibode Organic Farmers' Sales Outlet	Sale of organic produce	Private Sector	M. O. Salimonu Mayegun' shop, opposite stone church, Ajibode Tel:+234 8038010690
Akure Organic Farmers' Market	Sale of organic Vegetables, maize, coconut, palm oil and pineapple	Private Sector	Dr. A. J. Ajayi, Main gate FECA, Akure. Tel:+234 8032498988
UI Organic Sales Outlet	Sale of organic vegetables	Private Sector	Mrs. O. O. Alonge Opposite Agricultural Extension Department, University of Ibadan Tel:+234 8063668609
Participatory Guarantee System (PGS) Certification Committee	Certification of an organic production system	Private Sector	Mr. Oyewole Gbadamosi Tel:+234 7057457676, +234 8072711147 pgsnigeria@noanigeria.net
Nigerian Agricultural Quarantine Services (NAQS)	Agricultural product inspection and certification	Governmental	Nnamdi Onukwuba Telephone:+234 8033022182, +234 8058174360 nagsquarantine@yahoo.com
Organic Agriculture Project in Tertiary Institutions in Nigeria (OAPTIN)	Capacity building, research, extension and networking of	Research/Training Organization	S.O. Adigbo Tel:+234 8062435720 organicagriculture_unaab@yahoo.com

	academics in organic agriculture		www.unaab.edu.ng
University of Ibadan	Research, training and extension in organic agriculture	Research/Training Organization	Dr. Julius Orimoloye Tel:+234 8025602428 uioart2014@gmail.com
Kwara State University	Research, training and extension in organic agriculture	Research/Training Organization	Dr. A. A. Olowoake Tel:+234 8034370246 kwasu@kwasu.edu.ng aolowoake@yahoo.com
Federal College Of Agriculture	Research, training and extension in organic agriculture	Research/Training Organization	Mrs. C. O. Kayode Tel:+234 8023469647 feaibadan@yahoo.com mykay@yahoo.com www.fcaib.edu.ng
Federal University, Oye-Ekiti	Research, training and extension in organic agriculture	Research/Training Organization	Akin Omotayo Tel:+234 8037223311 akinjuly@yahoo.co.uk akinomotayo@fuoye.edu.ng www.fuoye.edu.ng
Oyo State College Of Agriculture and Technology	Research and training on organic agriculture	Research/Training Organization	Mrs. Bankole A. Folake Tel:+234 8034302842 flakylee@yahoo.co.uk
Federal College Of Animal Health and Production Technology	Organic goat production	Research/Training Organization	Mr. Oluwadare O. Paul Tel:+2348055622906, +234 808799258 fcahptib@edu.ng
National Horticultural Research Institute	Research and extension on organic agriculture	Research/Training Organization	Yomi Olaniyan Tel:+2348023327486/ +234 8051108114 yominiyan@gmail.com nihortinfo@yahoo.com www.nihort.org
Forestry Research Institute of Nigeria	Conducts research on organic agriculture	Research/Training Organization	Mrs.O. P. Adejoh Tel:+234 8033952913 edfrin@frin.gov , info@frin.gov.ng , bumexd@yahoo.com
Ambrose Alli University	Research and extension on organic agriculture	Research/Training Organization	+234 8034783383 megstedania@yahoo.com www.myaau.com
Osun State University	Research and training on organic agriculture	Research/Training Organization	Dr. M. O. Ipinmoroti Tel:+234 8077161235, +234 8035844257 alao40@yahoo.com , wumsco@yahoo.com

National Poverty Eradication Programme (NAPEP)	Provision of extension and credit services to farmers	Non-Governmental Organization	Mrs. Babalola Bolanle Tel:+234 8056569274, +234 8121251483 adebolafs922@gmail.com
Alive Agro-Ecological Consultancy Limited	Consultancy on organic practices	Private Sector	Olugbenga AdeOluwa Tel:+234 8035709365, Ibadan adeoluwaoo@yahoo.com
Healthy Foods For Consumers Initiative-Nigeria (HEFCI)	Training, research, extension and consultancy services on nutrition, adequate food and organic agriculture	Research/Training Organization	Prof. Nkiru T. Meludu Tel:+234 8023250457 nkiru_m@yahoo.com www.hefci.org
Dasyooh Farms Limited	Training on organic agriculture	Private Sector	Oluyinka Odukoya Tel:+234 8035632915 www.dasyooh.com
Nnamdi university	Academic, research and training institute	Research/Training Organization	Onunwa Akudo Tel: +2348034817334 udobekee@gmail.com
Justice Development and Peace Commission (JDPC)	Advocacy, development and Information dissemination	Non-Governmental Organization	Mfon Onukak Tel:+2348103423660 mfonann@yahoo.com
Nicert Ltd	Organic products certification	Private Sector	Annabel Kamuche
Kalos Health and Beauty production Ltd	Processing of organic moringa	Private Sector	Dr.(Mrs.) Olabosipo Osude +2348033065780/+234817306 5780 kalosfoods@aol.com
Ikot Ekpene Women cash crop and multipurpose cooperative society	Value chain and market development	Private Sector	Ms. Uduak Emmanuel Udonyah +2348064026018 duakemanyah@gmail.com
Chicken Villa Integrated Farm Systems	Production of organic chicken	Private Sector	Mrs. Yedeji +2342347064870678
LUCENT Farms	Production of organic vegetables	Private Sector	Opeyemi Ibadan +2348062728570
Cofarms	Organic food/input production	Private Sector	Joseph Ali +2348155064363 Cofarms84@gmail.com
OPE Farms	Production of organic food and inputs	Private Sector	Mrs. Sowemino Ibadan +2348090097744 Orders4opefarms@gmail.com
Greenskill Acquisition Centre Ltd/GTE	Organic agricultural training and policy advocacy	Private Sector	Saidat Shonoiki +2347082016126 greenskillnaija@gmail.com

Ibadan Go Organic Multipurpose Cooperative society	Marketing of organic palm oil, vegetables, bananas, yams, cocoyam and neem oil	Private Sector	Dr. Olufemi E. Ayanfeoluwa +2348075137957 ibadangoorganic@gmail.com
Alive Agro-ecological consultancy Ltd	Capacity building, advocacy and production	Private Sector	Dr. Oluseyi Adeoluwa +2348035709365 adeoluwaoo@yahoo.com
Dove line Agro-Allied Company Ltd	Production of organic cocoa	Private Sector	Mr. Uche Ogbatue +2347036802353 uogbatune@gmail.com
TECOBIC Farm	Production of organic cashew and yam	Private Sector	Mrs. F.O. Toogun +2347036257141
Pristine pastures	Production and processing of lean meat from pasture-raised bird, herbs and spices	Private Sector	Dr.(Mrs.) Rasheedah Sadiq +2348055912831 pristinepastures@gmail.com www.pristinepastures.ng
Songhai farms	Production of organic snails, ginger and grass cutter	Private Sector	Otti Walter +2348038268844 ottiwalter44@gmail.com
Ugomentus farms	Processing of high-quality cassava flour	Private Sector	Otti Walter +2348038268844 ottiwalter44@gmail.com
Akuamaka Orgafarm Venture	Production and marketing of organic products	Private Sector	Dr. Sunday Dialoke +23435266808 akuamka@yahoo.com
Bathhills Agro-allies	Production of organic pawpaw and cassava	Private Sector	Ugwu Bartholomew +2347030526759 bathhills@gmail.com
One-A Agric-foods	Production of organic aquaponics (fish and food)	Private Sector	Azubuike Nwoche +2348062693540 agriholdings@gmail.com
Nigeria Network for Awareness and Action for Environment (NINAAFE)	Production and supply of organic inputs	Non-Governmental Organization	Faculty of Public Health, College of Medicine, University of Ibadan
Ibadan Go Organic Multipurpose Cooperative society	Marketing of organic palm oil, vegetables, bananas, yams, cocoyam, neem oil, etc	Private Sector	Dr. Olufemi E. Ayanfeoluwa +2348075137957 ibadangoorganic@gmail.com
OPE Farms	Production of organic food and inputs	Private Sector	Mrs. Sowemino Ibadan +2348090097744 orders4opefarms@gmail.com
Unizik, Awka	Training and research institute	Research/Training Organization	Prof. N.T. Meludu +2348023250457 nkiru_m@yahoo.com

7.3 Stakeholder Power and Influence in the EOA value chain in Nigeria

Fig. 7 below indicates the varying levels of Nigeria’s National/Governmental stakeholders’ power and influence, Raw Materials Research & Development Council (RMRDC) being the most powerful with equal influence with NOAN and FADU. The Nigerian Export Promotion Council is the least influential in matters EOA in Nigeria in this category of stakeholders.

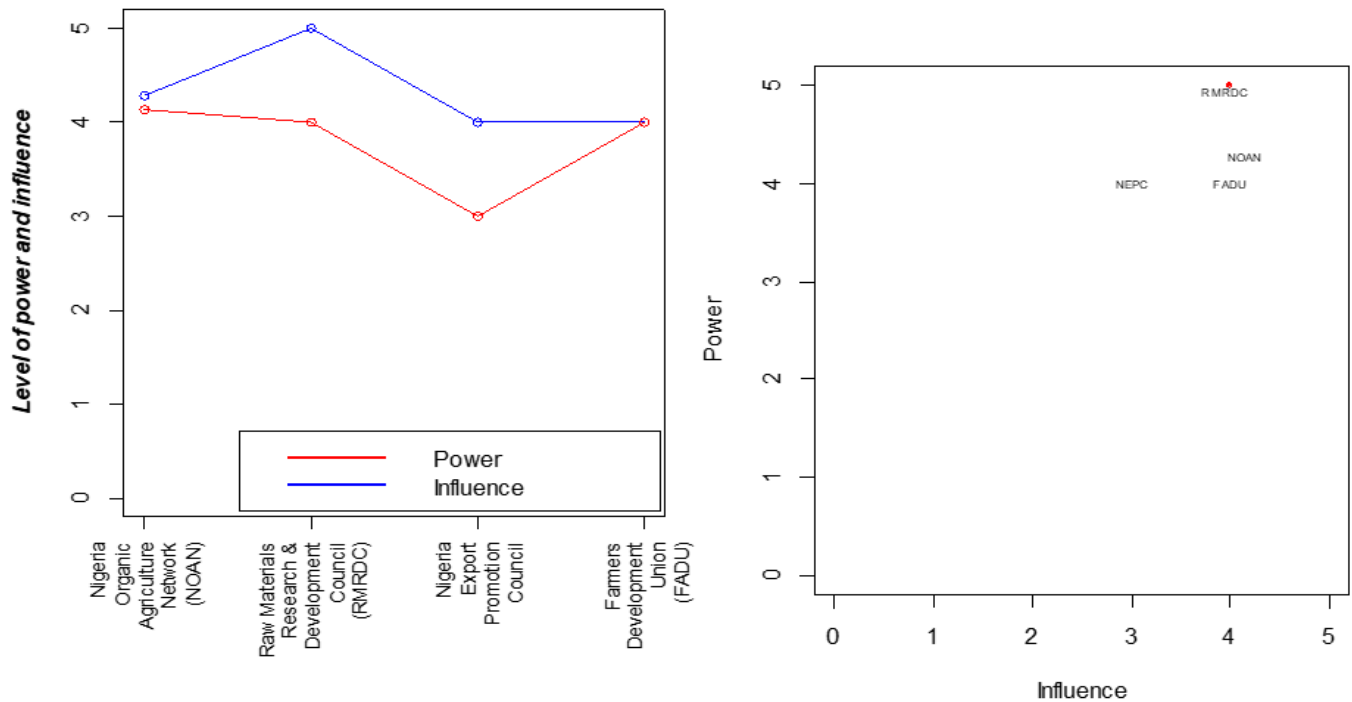


Figure 7: Power & Influence amongst Government and National EOA Stakeholders in Nigeria

In Fig. 8 there are varying levels of power and influence amongst non-governmental stakeholders, with Uzinik (Awka), Songhai Farms in Orji river (Enugu state), Chicken Villa Integrated Farm Systems, Nigeria Organic Farmers group, Alive Agro-ecological consultancy Ltd and Bathhills Agro-allies being the most powerful in the EOA sub-sector in Nigeria all rated at 5. On the other hand, Cofarms, Greenskill Acquisition Centre Ltd/GTE, Alive Agro-ecological consultancy Ltd and Organic Agricultural Projects in Nigeria being the most influential. One-A Agric Foods and LUCENT Farms are the least influential rated at 1.

With regard to Research and academic institutions, all the stakeholders have significant powers and influence rating 4 and above (Fig. 9). The FUNAB was rated the most powerful while the University of Ibadan and Kwara State University were rated the most influential regarding organic agriculture in Nigeria.

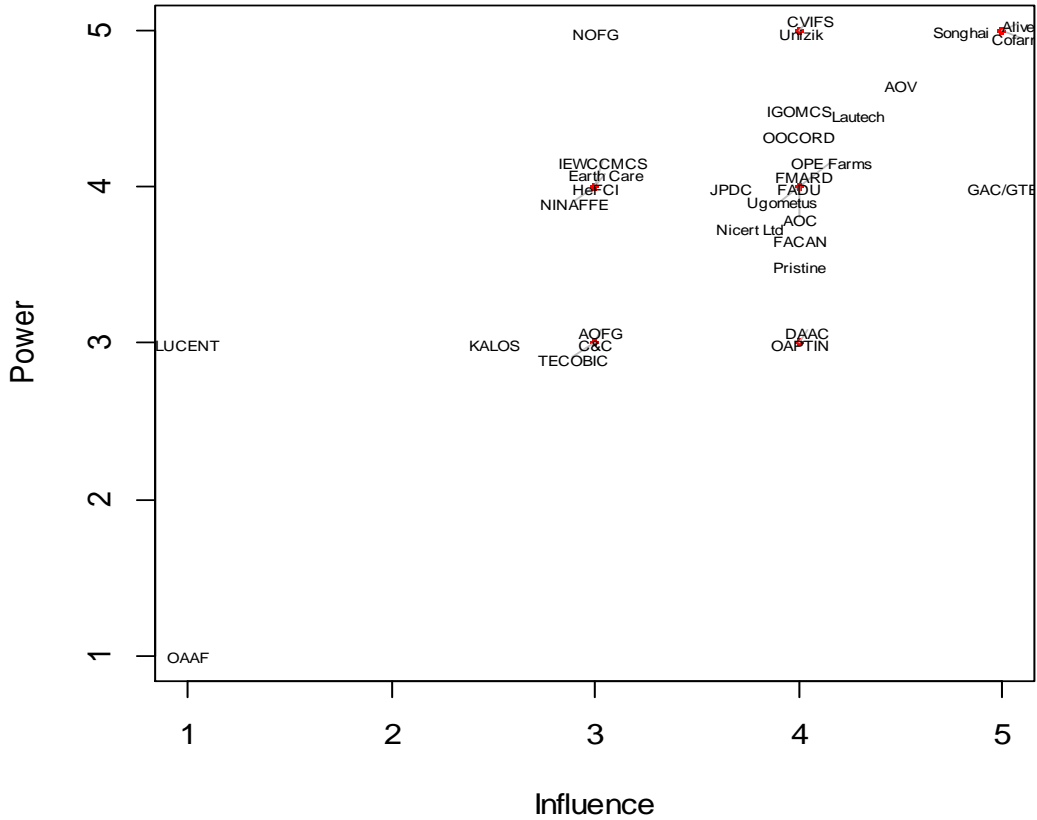


Figure 8: Nigerian Non-Governmental EOA Stakeholders' Power & Influence

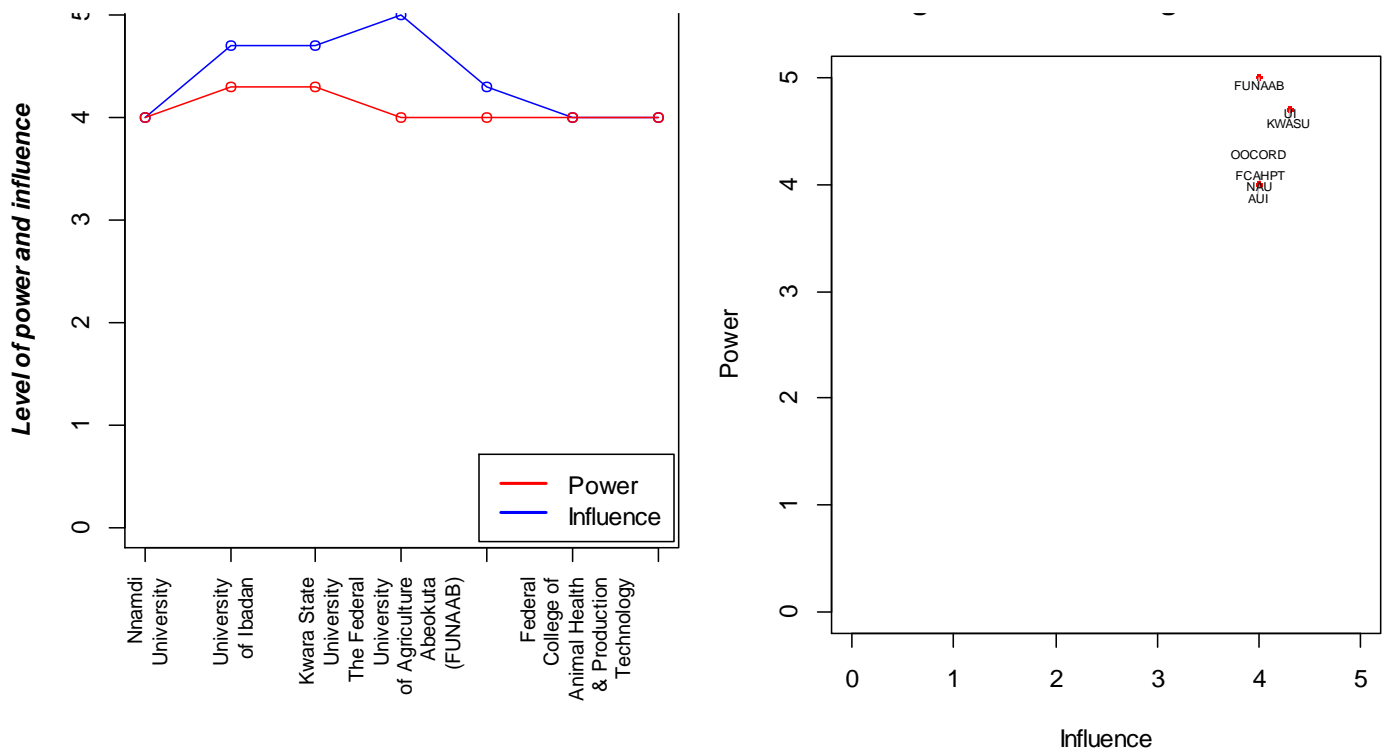


Figure 9: Power and Influence of Research & Academic Organizations in Nigeria

8. RWANDA

8.1 Overview of Organic Agriculture in Rwanda

Organic farming in Rwanda has been developing under support from the Rwanda Government, NGOs and the private sector. On the government side, organic agriculture is being supported by some government ministries and institutions, which may not be pro-organic per se but they support it in some way. Different elements of support to organic farming are delivered through a range of sectoral policies. Annually, a budget is set and made available to support organic farming-related activities. The government of Rwanda supports organic certification through further programmes and measures including training of farmers on the EAOPS and how to implement it, as well as of NGOs and farming unions to build-up a network of extension support services for farmers wishing to convert to organic farming.

IFOAM Organics International has mainly collaborated with the Rwanda Organic Agricultural Movement (ROAM). ROAM is a national umbrella organization that brings together producers, farmers' organizations, processors, export and import companies, NGOs and organizations that are involved in the promotion and development of the organic sector in Rwanda. Established in 2007 to realize the vision of increased incomes and improved livelihoods in Rwanda through the adoption of Organic Agriculture, ROAM has invested in education, training, extension and research in organic agriculture, promoting local and export marketing of organic products, advocating for organic agriculture, as well as attracting support for organic agriculture in Rwanda. Since then, organic agriculture activities in Rwanda have attracted local farmers' attention and as a result, the country is witnessing several emerging initiatives. One of these is the Gako Organic Farming Center based at KABUGA. This centre contributes to building the capacity of smallscale farmers and works with the Rwandan government and private organizations to promote organic agriculture practices. About seventy farmers are trained every quarter in organic farming practices. Apart from this renowned centre, many other local farmers have managed a large-scale shift to organic production. Efforts related to the organic market have been made by the private sector and NGO's, for example, now we have supermarkets that have shelves of organic vegetables. But also, Rwanda is exporting different organic products such as coffee, tea, essential oils, etc. Section 8.2 provides a list of stakeholders ranging from national stakeholders from the private sector as well as government, producers, research organizations, NGOs, farmer groups and agripreneuers.

8.2 Summary of Rwandan EOA stakeholders, their roles and contact information

Name of Actor/Stakeholder	Role in EOA-I implementation	Stakeholder category	Contact information
Ministry of Agriculture (MINAGRI)	Coordination of the Agriculture sector and policy development	Governmental Organization	Arnauld Ishimwe +250788441161; Daniel Mirimo +250784421793 aishimwe@minagri.gov.rw ; dmirimo@minagri.gov.rw www.minagri.gov.rw

National Agricultural Export Development Board (NAEB)	Facilitates export and certification of organic exports especially coffee.	Governmental Organization	Claude BIZIMANA P.O. Box 104 Kigali-Rwanda www.naeb.gov.rw
Rwanda National Agriculture Board (NAB)	Promotes sustainable agriculture and environmental conservation through crop intensification	Governmental Organization	Kagwera Edith Planning Department +250788659687
Rwanda Standards Board (RSB)	Undertakes all activities pertaining to the development of Standards, Conformity Assessment and Metrology services in the country.	Governmental Organization	Philibert ZIMULINDA philibert.zimulinda@rsb.gov.rw www.rsb.gov.rw
Rwanda Organic Agriculture Movement (ROAM)	Represent and promote the organic sector in Rwanda, to facilitate the establishment of laws and regulations as well as technical advice in the field of production, training, certification and marketing of organic products	Non-Governmental Organization	Lise Chantal Dusabe P.O. Box 6886, Kigali. +250788848454 rwandaorganicmovement@gmail.com lisechantal.dusabe@gmail.com ; lisechantal@roam.org.rw
Consultative Council of Organizations Supporting Basic Initiatives (CCOAI B)	This is an umbrella organization of Rwandan local NGOs working in various sectors of development including agriculture and environment	Non-Governmental Organization	Ngendandumwe Claude P.O. Box 1993, Kigali +250 788302065 ccoai b29@rwanda1.com
OCIR-CAFE International Coffee Organization	This is the main intergovernmental organization for coffee, bringing together exporting and importing Governments to tackle the challenges facing the world coffee sector through international cooperation.	Inter-Governmental Organization	Kigali, Rwanda Office: Tel: +250 7 5600/5398/5004 Email: web@ico.org UK Office: 222 Gray's Inn Road, London WC1X 8HB Tel: +44 (0)20 7612 0600
INADES-Rwanda	Provision of on-farm training	Non-Governmental Organization/Training	Karangwa Innocent P.O. Box 866, Kigali +250 788571020 inadesrwanda@yahoo.com
PELUM Rwanda	A network that deals in advocacy and lobbying in agriculture and ecological land use	Non-Governmental Organization	Mwebaze Johnson P.O. Box 6462, Kigali +250 788301319 pelumrwanda@pelumrwanda.org pelumrwanda@ymail.com www.pelumrwanda.org

GiZ	International NGO working in the Organic agriculture subsector	Non-Governmental Organization	Helge Michael Sato helge.sato@giz.de
Actionaid	International NGO working in the Organic agriculture subsector	Non-Governmental Organization	Josephine Uwamariya Josephine.Uwamariya@actionaid.org
Vi-Agroforestry	International NGO working in the Organic agriculture subsector	Non-Governmental Organization	Jean Rukundo jean.rukundo@viagroforestry.org
SDA-IRIBA	Promotes Horticulture	Non-Governmental Organization	Mbonigaba Theodore /Nyamagabe +250 788455027 iribassocition@yahoo.fr
SAFER Rwanda	Farmers training	Non-Governmental Organization	Muhongerwa Christine P.O. Box 7301, Kigali +250 788594704 saferrwanda@yahoo.co.uk
Rwanda Rural Rehabilitation Initiative (RWARRI)	Improvement of the overall food security situation and nutrition in targeted population, and management of the environment and natural resources, through capacity building and advocacy	Non-Governmental Organization	Uwizeye Belange/Kayonza +250 788585554 info@rwarri.com https://www.rwarri.com/
Rwandan Association for Promotion of Integrated Development (ARDI)	Protection of the environment for green growth and climate resilience, mainly focussed on beekeeping	Non-Governmental Organization	Musabimana Patrice +250 252573961, Kigali info@ardirwanda.org
Association for the Development of Nyabimata (ADENYA)	Organic production of cereals and horticulture	Private Sector	Kulikiyinka Gabriel P.O. Box 226, Butare +250 788564089 gnkulikiyinka@yahoo.fr adenya@adenya.org
Agropharm Africa Ltd	Manufacturer of liquid and powder organic and eco-friendly pesticides	Private Sector	Theresa Karitanyi +250 788303282/ +250 788433530 jmuzamugura@agropharmfrica.com
GAKO Organic Farming Training Centre	Provides sustainable agriculture or organic farming training.	Private Sector	P.O. Box 3047, Kigali, Rwanda goftc2008@yahoo.com .
DUTERIMBERE	Horticultural development through planting materials, use of solar drying in food processing, enhancing food security through food bulking and training youth in enterprise development	Private Sector	Mukeshimana Dativa P.O. Box 738 Kigali +250 788442851 duterimb@rwanda1.com

Enterprise Urwibutso	Deals with organic agriculture and livestock farming and processing activities	Private Sector	Sina Gerard +250 788305111 owner@sinarwanda.com www.sinarwanda.com
Floris Rwanda	Exports organic fresh apple bananas, passion fruits, tree tomatoes and other fruits to Europe.	Private Sector	Nibagwire Donatile Director Managing florisrwnda@yahoo.fr
Green Harvest Products Ltd	Processors and exporters of fresh Onions, chilli, garlic, ginger	Private Sector	Sraith Mbarute +250 786483539, Kigali greenharvestproducts@gmail.com
Heaven Restaurant	Deals with organic farm products	Private Sector	Anish Philip +250 788486581 Kigali city info@heavenrwnda.com www.heavenrwnda.com
Natural Fruits Drier Company Ltd	Processing of dried fruits such as pineapples	Private Sector	Mercianne Uwamwezi +250 788645563 meruwamwezi@yahoo.com
Ikirezi Natural Products	Exportation of essential oils, mainly Geranium oil	Private Sector	P.O. Box 7446, Kigali +250 785 489 111 or +250 788 305 593 info@ikirezi.com
Shekina Enterprise Ltd.	Processing of dried cassava leaves and cereals	Private Sector	Mbatezimana Piere Damien +250 788592198 Sheki05@yahoo.fr
Urugaga Imbaraga	Supports Irish potatoes farmers	Private Sector	Gafaranga +250 22586407 Musanze District, Northern Province
Send a Cow Rwanda	Trains farmers on organic farming and sustainable agriculture	Non-Governmental Organization	James Pimundu Mwanga james.pimundu@sendacowrwnda.org
Vi-LIFE Programme Rwanda	Provides technical advisory services in agroforestry, sustainable agriculture and climate change mitigation.	Non-Governmental Organization	P.O. Box 2911, Kigali, Rwanda +250 788 304 868 rwnda@viagroforestry.org
ECOCERT	Organic certification and Rainforest Alliance Certification	Private Sector	Etienne Berthelot etienne.berthelot@ecocert.com

CONTROL UNION	Organic certification	Private Sector	Eric Matabaro ematabaro@controlunion.com
FAIRTRADE AFRICA	Fair trade certification	Private Sector	Sylvain Harerimana S.HARERIMANA@FAIRTRADEAFRICA.NET
University of Technology and Arts of Byumba (UTAB)	Training and Research Institution	Research Institution	Fidel Ndahayo vc@utab.ac.rw/fndahayo@gmail.com
College of Agriculture and Veterinary Medicine (CAVM), University of Rwanda (UR)	Training and Research Institution	Research Institution	Guillaume Nyagatare guillaumenyagatare@gmail.com
Rwashoscco Ltd	Umbrella and exporting company of Coffee	Private Sector	Angelique Karekezi +250 788 456 614 angelique@rwashoscco.com www.rwashoscco.com
Tuzamurane	Production of pineapples	Private Sector	Gaharane, Kirehe District, Eastern Province, Rwanda +250 788613618, +250 788658692 tuzamurane09@yahoo.com , tuzamurane09@yahoo.fr
KAMARA Cooperative	Production of organic bananas	Private Sector	Bucyana Emmanuel +250788575180 emmabucya@yahoo.com
SORWATHE Ltd	Production and processing of organic tea	Private Sector	Rohith Peiris P.O. Box 1136 Kigali +250 788300532 sorwathe@gmail.com www.teaimporters.com
Rwanda Mountain Tea Ltd	Produces organic orthodox black and green tea for local use and export	Private Sector	P.O. Box 1576 Kigali, Rwanda +250 788313901
COOPAC Rubavu	Production of certified organic coffee	Private Sector	Nzungize Ilibagiza P.O. Box 186 Gisenyi, Rwanda +250788353543/+250 788322223 coopac@yahoo.fr

Gitebe Farmers' Cooperative (COOPAGI)	Organic farming of Mushroom, onions and vegetables	Private Sector	Baptiste Senyoni +250 783047763 coopagi@yahoo.fr
Intambwe Cooperative	Production and Processing exotic fruits such as pineapples, passion fruits and beetroots	Private Sector	Gerard Rutayisire +250788537885 intambwecooperative@yahoo.com
Kigali Farms Ltd	Suppliers of fresh, dried and powder oyster mushrooms and substrates in addition to mushroom growing training	Private Sector	Anne Claire +250 787 597 272/ +250782 172 433/ +250 782172433 info@kigalifarms.com anneclaire@kigalifarms.com www.kigalifarms.com
Koama Nyabikiri	Production of garlic and tomatoes	Private Sector	Evatiste Nsengiyunva +250 783 126 579
RUTEGROC/Tea Cooperative	Tea production	Private Sector	Niyitegeka Vincent ny20vincent@gmail.com
ABAKUNDAKAWA COOPERATIVE	Coffee producer cooperative	Private Sector	Antoine KAGENZA +250783 288 732 antoinekagenza2@gmail.com
ASSOPTHE Cooperative	Organic Tea Producer	Private Sector	UWIRAGIYE JMV +250 788871433 jmvuwiragiye@gmail.com
Secoporwa Cooperative	Sweet potatoes production	Private Sector	Isaac Nyabarinda +250 788767879, +250 783716923 nzabarindaisaac@yahoo.fr
Rwanda Organization for Development Initiatives (RODI)	Promotes the production of organic horticulture products	Non-Governmental Organization	Ahimana Chryso +250788756347
Rwanda Development Organisation (RDO)	Promotes production of cereals	Non-Governmental Organization	Rwibasira Eugene +250788301740 rdevpt@yahoo.com
DUHAMIC-ADRI	Supports and strengthens farmers' cooperatives for integrated rural development	Non-Governmental Organization	Dushiminama Jean Piere +250788305329 duhamic.adri@rwanda1.com
Inyange Industry	Production and processing of fruits and milk	Private Sector	P.O. Box 4584 Kigali, Rwanda

			+250 788161900; info@inyangeindustries.com ;
Sosoma Ltd	Extraction of soybean oil	Private Sector	Mrs Grace Nyinawabayiru Président du Conseil d'Administration Tél: +250 788569090. E-mail: nyinawabayiru.grace@sosoma.rw
KOPAKAMA Cooperative	Producer- COFFEE	Private Sector	Gervais KAYITARE +250 788 409 601 kayitare71@gmail.com
Norlega Macadamia Rwanda	Macadamia production	Private Sector	Gatarayiha Norcee Elysee norce1969@gmail.com ; norcelyz@yahoo.fr
AgroPy Ltd (formerly Agropharm Africa Ltd)	Production of organic and eco-friendly pesticides	Private Sector	Innocent Seminega Avenue, NY 10018 RW. Kigali, Rwanda +250788384846 info@agropy ltd.com www.agropy ltd.com

8.3 Stakeholder Power and Influence in the EOA value chain in Rwanda

Power and influence are critical in the implementation of any new initiative in any country. Rwanda has various stakeholders in the EOA sub-sector that have varying powers and the ability to influence decisions in the sub-sector. Fig. 10 depicts that level of power and influence amongst national/governmental organizations. ROAM is the most powerful and influential stakeholder when it comes to matters of organic agriculture in Rwanda rated at 4 for both. MIAGRI surprisingly has low power and moderate influence over organic agriculture. The private sector, NGOs and farmer groups have the highest stake in the EOA sub-sector in Rwanda.

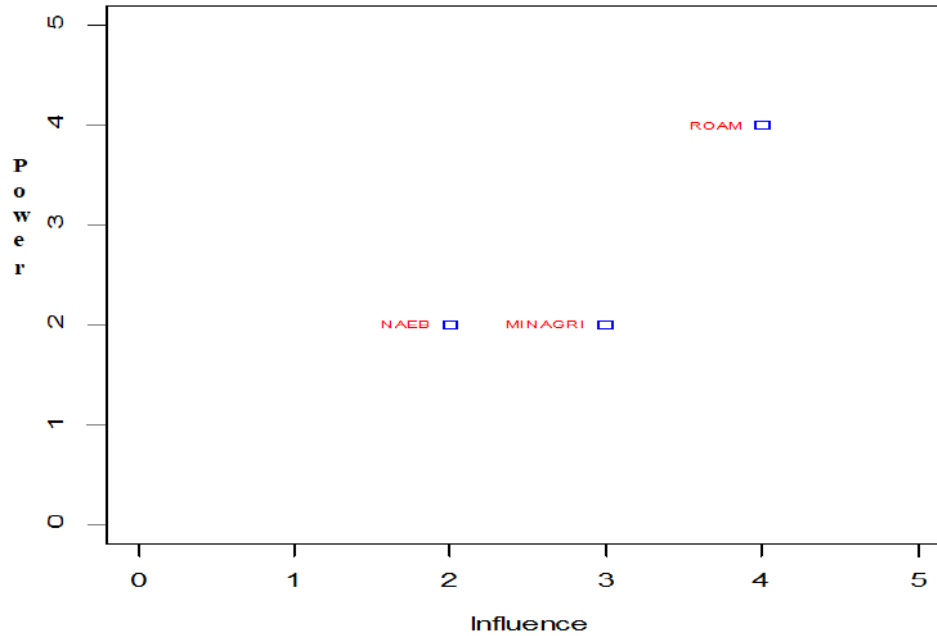


Figure 10: Rwanda National & Government EOA Stakeholders' Power & Influence

Fig. 11 shows Rwanda's non-governmental stakeholders whose levels of power and influence in EOA implementation are varying. Unlike in other countries like Kenya and Nigeria, the majority of the Rwandan stakeholders have average levels of power with no one having the maximum level. Stakeholders like Enterprise Urwibutso, OXFAM, PELUM Rwanda, GOFTC/Rwanda all green, Ikirezi National Product and Sorwathe have the highest level of power. Besides, GOFTC/Rwanda all green has the highest level of influence rated at 5 followed by AGROPAY (4.5).

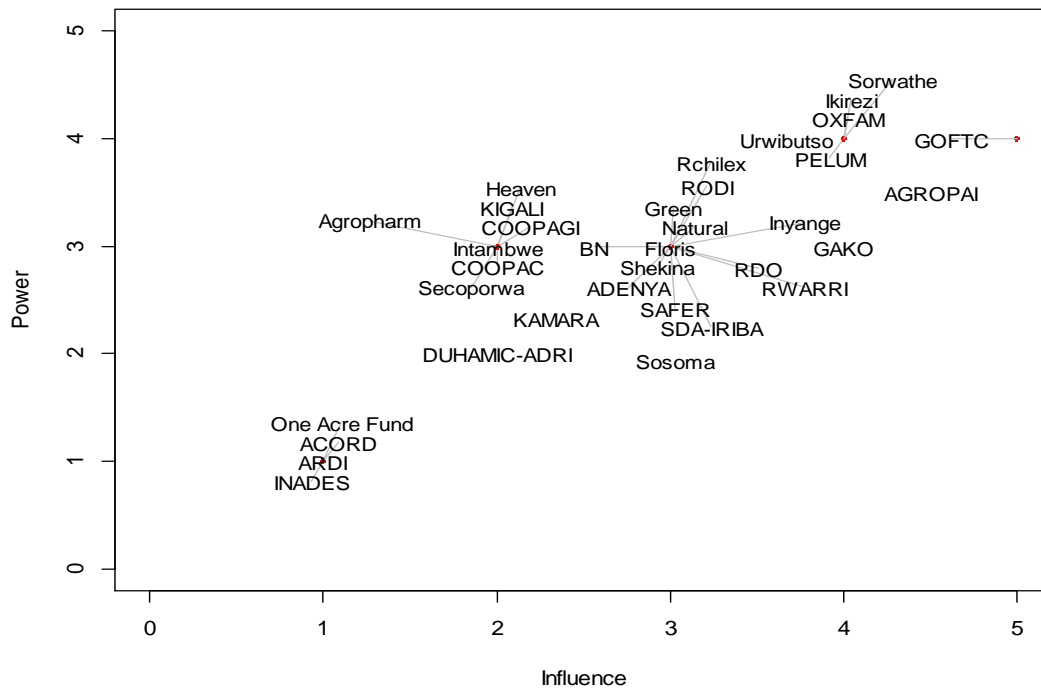


Figure 11: Rwandan Non-Governmental EOA Stakeholders level of Power & Influence

9. SENEGAL

9.1 Overview of Organic Agriculture in Senegal

In Senegal, the livelihoods of about 77% of the population depend on small-scale agriculture, which is adversely affected by the consequences of climate change. The National Adaptation Programme of Action (NAPA) was developed in 2006, following the recommendation to least developed countries to create policy frameworks that enable them to communicate more clearly about their vulnerabilities and priorities for adaptation. This was followed by many other private and public interventions aiming at improving the livelihoods of vulnerable people through the introduction of various technologies for improving productivity, adapting and mitigating climate change. Among those technologies, organic farming techniques are gaining importance and popularity with the help of non-governmental organizations. In the Niayes region, ENDA-PRONAT is one of the leading NGO's that have been promoting organic farming methods since 1986. Since, gardeners of the Niayes have started to gradually adopt organic farming techniques (Amadou and Barbier, 2015). Reports of the NGO's have shown that farmers who adopted these farming methods make significant savings on the purchase of fertilizers and have improved their incomes, in addition to the positive environmental effects this method of farming offers.

Since May 2019, NGOs, farmer organizations, research establishments, multi-stakeholder platforms, consumer associations and pioneering elected representatives have been working on a policy dialogue with the State, focusing on the agroecological transition, following President Macky Sall's declaration that agroecology was now a priority².

9.2 Summary of Senegalese EOA stakeholders, their roles and contact information

Name of Stakeholder	Role in EOA-I implementation	Stakeholder category	Contact information
The Gambia River Valley Producers Association (APROVAG)	Supports production and of organic bananas	Private Sector	Tel: +221 339815062 www.aprovag.org/mu-tuelle.html
CIRAD	The French agricultural research and international cooperation organization working for the sustainable development of tropical and Mediterranean regions.	Research Institute	42, rue Scheffer, 75116 Paris France Tel.: +33 1 53 70 20 00 www@cirad.fr
SODEFITEX	Purchase and processing of cotton, as well as the supply of farm inputs to the farmers	Private Sector	BP 3216, Dakar Tel: +221 338897950 Fax: +221338320675 dg@sodefitex.sn www.sodefitex.sn

² <https://www.cirad.fr/en/news/all-news-items/press-releases/2020/agroecology-senegal-public-policy>

ENDA-PRONAT	Training on organic production of cotton, cereal crops and vegetables. Also supports the processing and marketing of organic cotton.	Private Sector	Karfa Diallo BP 3370 Dakar, Senegal Mobile: +221 77 640 85 95/ +221 33 889 34 39 Fax: +221 33 842 86 81 www.endapronat.org
Inspire Senegal	Exports certified organic hibiscus leaves, peanuts, groundnuts and sesame	Private Sector	+221 77 113 19 01 contact@inspire-export.com
Yakaar Niani Wulli Federation	Production and processing of organic cotton	Private Sector	Ngouye Camara BP.13, Koussanar, Tambacounda, Senegal yaniwulli@yahoo.fr www.yaniwulli.org
Buur Sine	Production and export of certified organic mangoes	Private Sector	Amacodou Diouf +221338321281/77 656 88 20 Dakar, Senegal amacodoud@hotmail.com www.buursine.com
ANS Inter- Export	Export of certified organic mangoes and green beans	Private Sector	Amadou Ndiaye Seck +221776455495, Dakar. an.seck@voila.fr
Agronegoce	Production and export of organic mangoes and green beans	Private Sector	Oumar Sow +2212772623115 Fax: +221338481412 agonegoce@yahoo.fr
Cooprofel	Production and export of organic mangoes and other vegetables	Private Sector	Amadou Diakhate +22176598280, Thies, Senegal amadoudiakhate56@yahoo.fr
Baonane SARL	Production of organically certified baobab	Private Sector	Adama Mbaye Tel. +221 33 9432287 contact@baonane.org
Sahel-Vert Training Centre	Research and Training centre for Organic and Ecological Agriculture	Research and Training organization	Djibril Thiam BP 781, Thies +221 33 954 17 96 +221 76 558 88 00 formation@sahel-vert.org

				thiamdjibril@yahoo.fr
Promoting Innovation (PROLINNOVA)	Local	International learning network to promote local innovation in ecologically oriented agriculture and Natural resource management.	Non-Governmental Organization	Assane Guèye / Djibril Thiam agueye.gueye@gmail.com thiamdjibril@yahoo.fr www.prolinnova.net
Promoting Experimentation and Innovation in the Sahel (PROFEIS)	Peasant	This is an action-research programme that explores how embedding of research and extension within farming communities can enable a constructive exchange of experience and knowledge between farmers, extensionists and researchers.	Non-Governmental Organization	Djibril Thiam thiamdjibril@yahoo.fr
Etounature		Supply of organic Moringa, Bissap, Fenugreek and Baobab powder	Private Sector	Marietou Diouf Tel : +221 77 547 42 02, Dakar, Senegal www.etounature.com
Baobab Fruit Company - Sarl		Supplies organic Baobab products	Private Sector	Ottaviani Pascal Touba Peycouck, Thies, Senegal www.baobabfruitco.com
Timidio Buzness		Supply of organic peanuts, cashew-nuts and fish meal	Private Sector	Michel Tine Sacre-Coeur, Dakar, Senegal http://www.affaire.ek.la Dakar, Senegal
Wanmore Advantage		Supply of organic peanut kernel	Private Sector	Abdoul Wane, Dakar, Senegal abdoulw.fm.alibaba.com
ITTC SUARL (Touba International Trade Company - SUARL)		Supply of organic cashew nuts, mangoes and white sesame seeds	Private Sector	Ben Bassirou, Dakar, Senegal www.toubainternational.com
3AP (Adama's African Agricultural Products)		Supplier of organic peanuts, cashew nuts and dried mangoes	Private Sector	Siby M. Villa No.44 technopole Dakar www.3apadama.com
Serigne Bassirou Jewellery Establishment		Supply of organic peanuts	Private Sector	Modou Gueye BP 100, Diourbel, Senegal

Acae	Supply of organic hibiscus flower	Private Sector	Assta Cisse Central Market Tamba, Senegal
Komkom Inc	Supply of organic fertilizers	Private Sector	Sow Papa Ouakam T Sus, Dakar, Senegal
Nature Attitude	Supply of organic foods and supplements	Private Sector	+221 77 263 13 95
Senegalese Institute of Agricultural Research (ISRA)	Development and validation of agroecological innovations and practices	Research Institute	Dr. Alioune Fall Director-General, +221338591725 dgisra@isra.sn
Ministry of Agriculture and Rural Equipment (MAER)	Policymaking and registration of agroecological practices in policies strategies	Governmental Organization	+221338242580 infos@agriculture.gouv.sn
National Federation for Organic Agriculture (FENAB)	Promotes organic agriculture through the provision of advice and support on organic farming	Non-Governmental Organization	Doudou Diop +221774736465 fenabsen@yahoo.fr isECK@yahoo.fr
Dynamics for Agroecological Transition in Senegal (DyTAES)	It is the national platform which advocates for the development of agroecological agriculture in the country.	Non-Governmental Organization	Laure Diallo Laure.diallo@enda.org
National Council for Consultation and Cooperation of Rural People (CNCR)	Farmer organization offering advocacy services for EOA development	Non-Governmental Organization	Thierno Cisse Thiernocisse@cncr.org
Federation of Agropasteurs de Diender (FAPD)	Promotes sustainable agriculture and creates awareness of agroecology	Non-Governmental Organization	Mor Diop +221773199383 fapd1@yahoo.fr cndiop19@gmail.com
Innovation, Environment and Development in Africa (IED)	Knowledge management in EOA, documentation and popularization at other scales and advocacy with policymakers	Non-Governmental Organization	Mamadou Fall +221775755378 mfall@iedafrique.org

9.3 Stakeholder Power and Influence in the EOA value chain in Senegal

Fig. 12 shows that the majority of Senegal stakeholders have equal levels of both power and influence except for FENAB which is rated the most influential (4) and the least powerful and ISRA being the least influential (1). The FADP was rated the most powerful (4) and influential (4) amongst the EOA stakeholders in Senegal followed by DyTAES and CNCR both rated at 3 for power and as well as for influence.

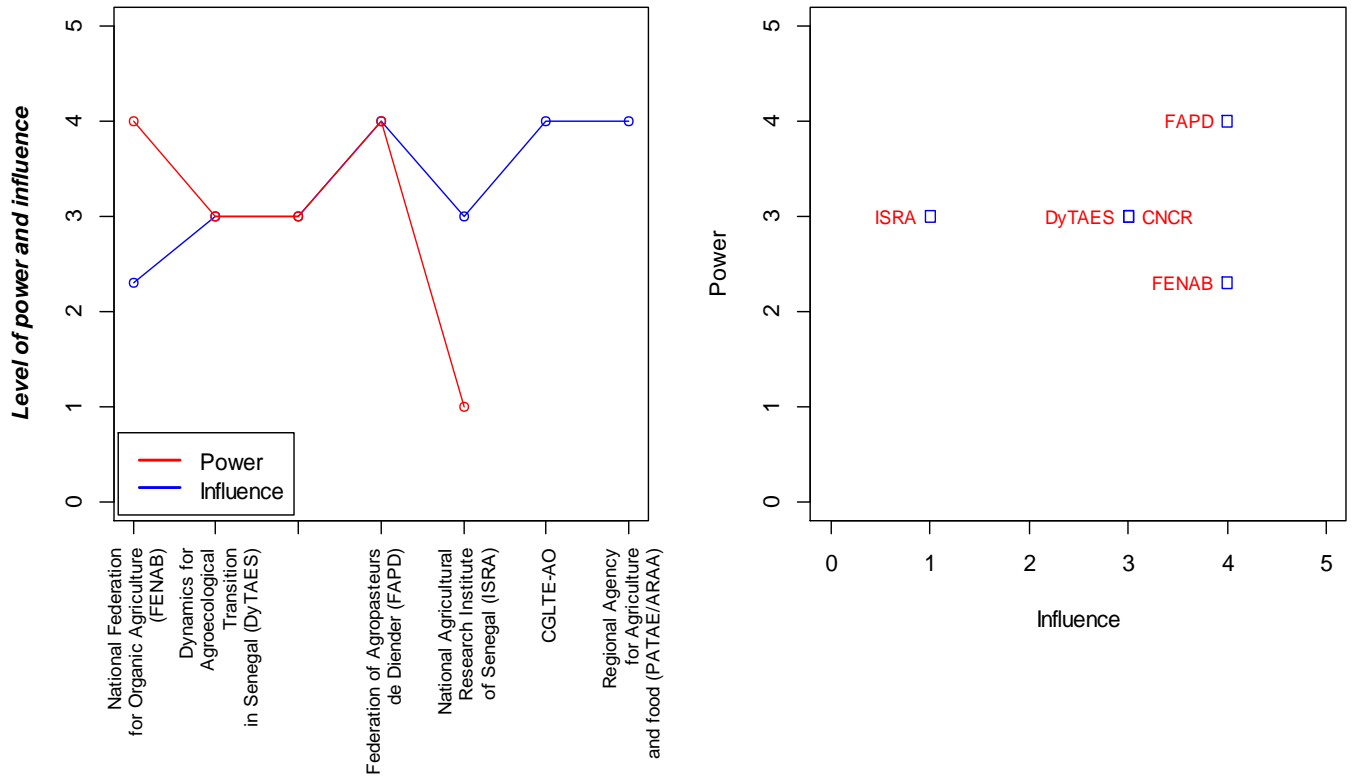


Figure 12: The Level of Power & Influence among EOA Stakeholders in Senegal

10. CONCLUSION AND RECOMMENDATIONS

10.1 Conclusion

The result of the stakeholder mapping and analyses at the continental, regional and national levels indicate that there are many actors in the EOA sub-sector with the majority of them being non-governmental organizations and the private sector. Identifying key stakeholders in the EOA sub-sector, their roles, linkages as well as their respective levels of power and influence will enable any intervention in the regions or countries to be better targeted for greater impacts in any EOA initiatives. Stakeholders with more power and influence together are preferred as priority actors for EOA interventions. This is due to their leadership positions, authority or ability to affect the decisions of others. From the linkages identified, some of the linkages are not so strong but their impact cannot be overlooked. Establishing strong stakeholder linkages is crucial in EOA since it allows information flow across the value chains, hence sharing of new ideas and innovations, establishing of products and input markets as well as building the bargaining power among buyers and sellers of the EOA products. The study shows that countries have varying levels of stakeholder involvement in the EOA sub-sector. In some of the countries such as Rwanda and Benin, the private sector and non-governmental stakeholders are very powerful and influential therefore dictating many aspects of the subsector. Stakeholder participation in setting up certification standards will be very critical in efforts to further EOA in the countries. Regional certification standards have not produced the desired results and therefore need for stronger stakeholder engagement to streamline organic products production and marketing. Understanding the levels of power and influence amongst the various stakeholders is useful to ascertain how they can be tapped to spur the successful promotion of EOA in the countries.

10.2 Recommendations

The following recommendations are proposed to strengthen stakeholder participation for purposes of promoting EOA in Africa:

- i) ***Governments to promote policy reforms to include EOA-*** In most of the study countries, it was noted that EOA is not a new concept but its implementation has stagnated although there is an increasing demand for organic produce as a result of many challenges. Governments should take the lead in policy reforms that will strengthen the contribution of other stakeholders in organic agriculture. This will help in promoting EOA by widening the stakeholders' networks and partnership across the continent. For instance, the governments can enact laws reducing taxation on organic produce and inputs. This will motivate more farmers to embrace the new farming technology for better yields, health and food security and sustainability of the environment.
- ii) ***Promotion of stakeholder recruitment into EOA-*** EOA requires the use of organic farm inputs that may not be easily accessible and affordable to most small-holder farmers involved in organic food production. In order to enhance the promotion of EOA in the region, governments need to subsidize the required agricultural inputs for EOA to encourage more farmers to join the existing EOA network of stakeholders. Additionally, governments need to support more robust coordination amongst the stakeholders. The governments also need to

promote EOA in terms of innovation and financing support to scale up the potential of small-scale farmers and SMEs in organic agriculture. Apart from developing international networks, it is equally important to develop local EOA networks with the governments spearheading recruitment drives to ensure more stakeholders, especially the small-holder farmers, are included to further help with the sensitisation of communities and institutions to get involved in the EOA initiative.

- iii) ***Develop a common organic products certification standard-*** Currently, there are no clear one-stop-shop certification standards for EOA products in the study countries. There is need for the member states involved in the EOA initiative to establish a common standard for product certification. This will help in improving the quality of organic products in a bid to promote demand in the international market. This will culminate in better returns to EOA farmers and subsequent recruitment of more stakeholders. This will minimize losses brought about by unclear standards. For example, much of the fresh horticultural produce have been rejected in the international market for failing to meet the Minimum Residue Limit (MRL) leading to heavy losses that discourage the production of organic produce in African countries. The stakeholders in this sub-sector need to be at the forefront in the development of common certification standards.

- iv) ***Governments and development partners to strongly support research on EOA-*** With EOA still at infancy stages in most of the countries studied, the governments must allocate more money for research into EOA in order to understand what works and what doesn't work for stakeholders to ensure its success and sustainability as a new venture. This can be done by each country allocating a given percentage of a country's budget towards EOA research through the Ministry of Agriculture, Education or Science and Technology.

- v) ***Develop an ideas exchange framework/network/platform for EOA stakeholders-*** There is need for the establishment of ideas exchange frameworks/networks/platform where EOA stakeholders can exchange ideas regarding the new farming technology and strengthen their linkages to support the implementation of EOA initiative across the continent. This should look like farmer field days where EOA farmers regularly meet to share their ideas and experiences regarding the new farming technology to enable them to gain skills for quality production of agricultural products destined to both local and international market.

REFERENCES

- Amadou B.A, and Barbier, B (2015). Economic and Environmental Performances of Organic Farming System Compared to Conventional Farming System: A Case Farm Model to Simulate the Horticultural Sector of the Niayes Region in Senegal. *J Horticulture* 2: 152. doi:10.4172/2376-0354.1000152.
- Banque, M. (2010). République du Bénin: Analyse Environnementale Pays. Département du Développement Durable, Région Afrique. Rapport Final 58190-BJ, Août 2010, p. 87.
- Cullen, B., Tucker, J., Snyder, K., Lema, Z. and Duncan, A. (2014). An analysis of power dynamics within innovation platforms for natural resource management. *Innov. Dev.* Vol. 4, 259–275. Accessed from <https://doi.org/10.1080/2157930X.2014.921274> on 10/08/2020.
- Genus, A. and Coles, A. (2008). Rethinking the multi-level perspective of technological transitions, *Research Policy* 37: 1436-1445
- International Federation of Organic Movement [IFOAM], (2009). National Organic Agriculture Movements in Africa. International Federation of Organic Agriculture Movements, Bonn, Germany.
- IFOAM, (2013). Participatory Guarantee Systems in East Africa. Case Studies from Kenya, Tanzania and Uganda. IFOAM, Germany. <https://www.ifoam.bio/participatory-guarantee-systems-east-africa>
- Ministère de l’Agriculture, de l’Elevage et de la Pêche [MAEP] (Ministry of Agriculture, Animal Husbandry and Fisheries), (2017). Plan Stratégique de Développement du Secteur Agricole (PSDSA) 2025 et Plan National d’Investissements Agricoles et de Sécurité Alimentaire et Nutritionnelle PNIASAN 2017–2021.
- Participatory Ecological Land Use Management [PELUM] Kenya (2017). Ecological Organic Agriculture Initiative in Africa: EOAI Eastern Africa Directory, PELUM; Accessed from <http://www.pelum.net/wp-content/uploads/2010/05/EOAI-Eastern-Africa-Directory-2017.pdf>
- World Bank (2017). International development association project paper on a proposed additional credit to the Republic of Benin for the agricultural productivity and diversification project.

ANNEXES

Annex 1: Data Collection Tools

i) Key Informant Interview (KII) Questionnaire



MAINSTREAMING ECOLOGICAL ORGANIC AGRICULTURE INITIATIVE (EOA-I) INTO THE AGRICULTURAL SYSTEMS IN AFRICA

KEY INFORMANT INTERVIEW (KII) QUESTIONNAIRE

This Key Informant Interview (KII) questionnaire was prepared by the African Technology Policy Studies Network (ATPS) to assess the Ecological Organic Agriculture (EOA) related policies, regulations and institutional frameworks, and to identify all stakeholders along the EOA value chains in the continent, regions and project implementing countries (Kenya, Rwanda, Nigeria, Senegal and Benin). This study aims to:

1. To review and assess the policies and institutional frameworks aligned with the Ecological Organic Agriculture (EOA) initiative in the continent, regions and the target countries.
2. To identify and categorize all actors and stakeholders in (EOA) along the value chains, citing their linkages, the roles they play, as well as their levels of influence and power in the implementation process of the EOA Initiative.

The questionnaire is aimed to be filled by stakeholders along the EOA value chain including policymakers, research organizations, public and private actors, producers, consumers, traders, processors, exporters, inputs suppliers and development bodies and agencies among others. The information obtained will inform futuristic recommendations on how the policies and institutional landscapes can be improved to support the EOA initiative's integration into continental, regional and national agricultural programs and plans in Africa. In addition, it will inform recommendations on how to engage the stakeholders better as well as tap on their powers and influence to spur successful implementation of the EOA initiative.

The questionnaire will take about 20 minutes of the respondent's time. All the data and entries of the respondent will be anonymized in the analysis and project publications. Respondents will however be included in the distribution lists for final project outputs.

Date [Click here to enter a date.](#)

1. Respondent/stakeholder specific details

- 1.1. Name of the respondent (optional): [Click here to enter text.](#)
- 1.2. Phone number: [Click here to enter text.](#)
- 1.3. Email address: [Click here to enter text.](#)
- 1.4. Name of organization you work in: [Click here to enter text.](#)
- 1.5. Category of organization/respondent
 - a. Policy maker
 - b. Public research and training institution

- c. Private research and training institution
- d. Academic institution
- e. Development organization
- f. Lead agency
- g. Non-Governmental Organization (NGO)
- h. Community Based Organization (CBO)
- i. Faith Based Organization (FBO)
- j. Trader (manufacturer, processor, input supplier, exporter, e.t.c)
- k. Producer/producer organization
- l. Consumer/consumer organization
- m. Any other (please specify) [Click here to enter text.](#)

1.6. Designation: [Click here to enter text.](#)

1.7. The number of years worked in the organization: [Click here to enter text.](#)

Stakeholder Mapping and Analysis on Ecological Organic Agriculture (EOA) Initiative in Africa

2. Stakeholder identification and categorization

This section aims to identify all stakeholders along different value chains of ecological organic agriculture systems in this continent, region and target countries and categorize them depending on their position along the value chains.

2.1 Are you aware of any actors/stakeholders along the EOA value chains in the continent, region and country?

Yes or No

2.1.1 If Yes (***in question 2.1 above***), kindly list their names, their contact details and their broad categorization depending on their position along the value chain, for instance, a manufacturer, processor, etc.

[Click here to enter text.](#)

2.2 For each of the actors/stakeholders (***identified in question 2.1.1 above***), please specify the products (goods and /or services) they deal with

[Click here to enter text.](#)

3. Stakeholders' roles in EOA-I implementation

This section aims to enumerate all the roles played by each stakeholder identified in question 2.1.1 above, as related to the EOA-I implementation, as well as the ones they ought to play but do not and why

3.1 For each actor/ stakeholder identified (***in question 2.1.1 above***), give a brief explanation of the specific role they play in promoting the implementation of the EOA initiative in this continent, region and country

[Click here to enter text.](#)

3.2 Other than the roles listed above (***in question 3.1***), are there other EOA related roles which the stakeholder (s) have the capacity/mandate to undertake in promoting successful implementation of the EOA initiative but currently do not?

Yes or No

3.2.1 If Yes (***in question 3.2 above***), kindly list them

[Click here to enter text.](#)

3.2.2 If Yes (***in question 3.2 above***), in your opinion, what are the likely reasons as to why the stakeholder (s) do not undertake the above-stated roles

[Click here to enter text.](#)

4. Stakeholders linkages along the EOA value chains

This section aims to determine whether the actors/stakeholders have formal connection channels along different EOA value chains

4.1 Are there any linkages or formal connection channels between stakeholders or actors along different EOA value chains in this continent, region and country?

Yes or No

4.1.1 If Yes (*in question 4.1 above*), kindly list and explain them

[Click here to enter text.](#)

4.2 In your opinion, are there any benefits of establishing linkages between EOA stakeholders/actors?

Yes or No

4.2.1 If Yes (*in question 4.2 above*), kindly explain briefly

[Click here to enter text.](#)

5. Stakeholders' level of power in EOA implementation

This section aims to ascertain the stakeholders' levels of power in promoting successful implementation of the EOA initiative in this continent, region and country

5.1 For each actor/stakeholder identified, state their level of power in promoting EOA implementation. In a scale of 1 to 5, where 5 is the most powerful and 1 is the least powerful (***please check appropriately***)

Stakeholder/actor name	Level of power				
	1 (Least powerful)	2	3	4	5 (Most powerful)
Click here to enter text.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Click here to enter text.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Click here to enter text.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

6. Stakeholders' level of influence in EOA implementation

This section aims to determine the stakeholders' influential capacities in promoting successful implementation of the EOA initiative in this continent, region and country.

6.1 For each actor/stakeholder identified, state their level of influence in promoting successful implementation of the EOA initiative. In a scale of 1 to 5, where 5 is the most influential and 1 is the least influential (***please check appropriately***)

Name of stakeholder/actor	Level of influence				
	1 (Least influential)	2	3	4	5 (Most influential)
Click here to enter text.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Click here to enter text.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Click here to enter text.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

ii) Focus Group Discussion (FGD) Guide



MAINSTREAMING ECOLOGICAL ORGANIC AGRICULTURE INITIATIVE (EOA-I) INTO THE AGRICULTURAL SYSTEMS IN AFRICA

FOCUS GROUP DISCUSSION (FGD) QUESTIONNAIRE

This Focus Group Discussion (FGD) questionnaire was prepared by the African Technology Policy Studies Network (ATPS) to assess the Ecological Organic Agriculture related policies, regulations and institutional frameworks, and to identify all stakeholders along the EOA value chains in the continent, regions and project implementing countries (Kenya, Rwanda, Nigeria, Senegal and Benin). This study aims to:

1. To review and assess the policies, regulations and institutional frameworks aligned with the Ecological Organic Agriculture (EOA) initiative in the continent, regions and the target countries.
2. To identify and categorize all actors and stakeholders along the EOA value chains, citing their linkages, the roles they play, as well as their levels of influence and power in the implementation process of the EOA Initiative.

The information obtained will be used to inform futuristic recommendations on how the policies and institutional landscapes can be improved to support the EOA initiative's integration into continental, regional and national agricultural programs and plans in Africa. Moreover, it will inform recommendations on how to engage the stakeholders better as well as tap on their powers and influence to spur successful implementation of the EOA initiative in Africa.

DISCUSSION GUIDING QUESTIONS

Stakeholder Mapping and Analysis on Ecological Organic Agriculture (EOA) Initiative in Africa

2. Stakeholder identification and categorization

This section aims to identify all stakeholders along different value chains of ecological organic agriculture systems in this continent, region and target countries and categorize them depending on their position along the value chains.

2.1 Are you aware of any actors/stakeholders along the EOA value chains in the continent, region and country?

Yes or No

2.1.1 If Yes (***in question 2.1 above***), kindly list their names, their contact details and their broad categorization depending on their position along the value chain, for instance, a manufacturer, processor, etc.

2.2 For each of the actors/stakeholders (***identified in question 2.1.1 above***), please specify the products (goods and /or services) they deal with

3. Stakeholders' roles in EOA-I implementation

This section aims to enumerate all the roles played by each stakeholder identified in question 2.1.1 above, as related to the EOA-I implementation, as well as the ones they ought to play but do not and why

3.1 For each actor/ stakeholder identified (*in question 2.1.1 above*), give a brief explanation of the specific role they play in promoting the implementation of the EOA initiative in this continent, region and country

3.2 Other than the roles listed above (*in question 3.1*), are there other EOA related roles which the stakeholder(s) have the capacity/mandate to undertake in promoting successful implementation of the EOA initiative but currently do not?

Yes or No

3.2.1 If Yes (*in question 3.2 above*), kindly list them

3.2.2 If Yes (*in question 3.2 above*), in your opinion, what are the likely reasons as to why the stakeholder (s) do not undertake the above-stated roles

4. Stakeholders linkages along the EOA value chains

This section aims to determine whether the actors/stakeholders have formal connection channels along different EOA value chains

4.1 Are there any linkages or formal connection channels between stakeholders or actors along different EOA value chains in this continent, region and country?

Yes or No

4.1.1 If Yes (*in question 4.1 above*), kindly list and explain them

4.2 In your opinion, are there any benefits of establishing linkages between EOA stakeholders/actors?

Yes or No

4.2.1 If Yes (*in question 4.2 above*), kindly explain briefly

5. Stakeholders' level of power in EOA implementation

This section aims to ascertain the stakeholders' levels of power in promoting successful implementation of the EOA initiative in this continent, region and country

5.1 For each actor/stakeholder identified, state their level of power in promoting EOA implementation. In a scale of 1 to 5, where 5 is the most powerful and 1 is the least powerful

Stakeholder/actor name	Level of power				
	1 (Least powerful)	2	3	4	5 (Most powerful)
Click here to enter text.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Click here to enter text.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

6. Stakeholders' level of influence in EOA implementation. This section aims to determine the stakeholders' influential capacities in promoting successful implementation of the EOA initiative in this continent, region and country.

6.1 For each actor/stakeholder identified, state their level of influence in promoting successful implementation of the EOA initiative. In a scale of 1 to 5, where 5 is the most influential and 1 is the least influential

Name of stakeholder/actor	Level of influence				
	1 (Least influential)	2	3	4	5 (Most influential)

Click here to enter text.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Click here to enter text.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Annex II: List of Respondents

S/N	Name	Country	Organization name	Phone no.	Email
1.	Onunwa Akudo Ogechukwu	Nigeria	Nnamdi Azikwe University Awka	+2348034817334	udobekkee@gmail.com
2.	Gbadamosi Razaq Oyewole	Nigeria	Nigerian Organic Agriculture Network (NOAN)	+2348072711147	ogbadamosi@noanigeria.net
3.	Bayo Olaniyan	Nigeria	Farmers Development Union (FDU)	+2348033944101	lasadeo@yahoo.com
4.	Mfon Onukak	Nigeria	Justice Development & Peace Commission /Caritas (JDPC)	+2348103423660	mfongrace27@gmail.com / mfonann@yahoo.com
5.	Oluwayombo O. Olufunmi	Nigeria	National Horticultural Research Institute	+2348038530447	yombo4rial@yahoo.com
6.	Abdul Lateef	Nigeria	FMARD	+2348052259054	biliqisabdullateef@gmail.com
7.	Joseph Ali	Nigeria	Cofarms GreenAid Revolution Ltd	+2348155064363	cofarms84@gmail.com
8.	Mrs. Saidat Shonoiki	Nigeria	De Ideal Agro Allied Services Ltd/Greeskil Acquisition centre Ltd/Gte	+2347082016126	greenskillnaija@gmail.com
9.	Olufemi E. Ayanfeoluwa	Nigeria	Federal College of Agriculture, Ibadan	+2348075137957	ayanfeoluwaolufemi@gmail.com
10.	Ebiriekwe, Sabinus C.	Nigeria	Raw Materials Research & Development Council (RMRDC), Abuja	+2348033898343	sabhermis@gmail.com
11.	Otti Walter C.	Nigeria	Enugu State Agricultural Development program	+2348038268844	ottiwalter44@gmail.com
12.	Nweze Samuel	Nigeria	Enugu State ADP	+2347065355623	samwezple@gmail.com
13.	Ezema Elizabeth Ijeoma	Nigeria	Ministry of Agriculture/ENADEP Enugu	+2348037222107	elizabethijeoma95@gmail.com
14.	Okwor Joseph E.	Nigeria	Enugu State Bureau of Statistics	+2348035099085	joeokwor@gmail.com
15.	Prof. K. P. Baiyeri	Nigeria	University of Nigeria, Nsukka	+2348039281834	paul.baiyeri@unn.edu.ng
16.	Dr. Sunday A. Dialoke	Nigeria	Federal University of Technology, Owerri	+23435266808	akuamka@yahoo.com
17.	Nwokocha Ivy Nwamaka	Nigeria	National Root Crops Research Institute, Umudike	+2348052675527	ivyamaka.nn@gmail.com
18.	Dr. Freedom Uzongu Oyongwo	Nigeria	MOUA, Umudike	+2348055807831/ +2348082436145	freednggwoz@gmail.com

19.	Dr. Ogechi Umeh J.	Nigeria	Michael Okpara University of Agriculture, Umudike	+2348037420857	umehogecgi2@yahoo.com
20.	Azubuike Nwoche	Nigeria	One-A Agric Foods	+2348062693540/ +2348073097744	agrholdingslimited@gmail.com
21.	Ugwoke Chijioke	Nigeria	Marshal MGL	+2348036228285	marshallmgl@yahoo.com
22.	Ugwu Okenwa Bala	Nigeria	Sunrise Amogwu Edmani	+2348060115470	ugwubalaokenwa@gmail.com
23.	Ugwu Batholomew	Nigeria	Uzongdu(Ibagwa-Aka) FMCS Ltd	+2347030526759	Bathhills@gmail.com
24.	Ugwu Patrick	Nigeria	Umunne Di Na Mba Yellow Pepper Organization	+2348057020164	ugwupatrick22@gmail.com
25.	Uwinama Chrysostome	Rwanda	RODI	+250788756347	chryso101@yahoo.fr
26.	Jean Nsekanabo	Rwanda	Agricultural Consultant	+250788271902	jadonseka@gmail.com
27.	Uwihoreye J.M.V	Rwanda	District Local Government	+250788515904	uwihoreyejmv17@gmail.com
28.	Jean Paul Nsabimana	Rwanda	ARDI	+250788778567	jeanpaul.nsabimana@yahoo.fr
29.	Kobusingye Scovia	Rwanda	Ministry of Local Government-MINALOC	+250789706746	kobusnyescovia@gmail.com
30.	Theodose Mbonigaba	Rwanda	S.D.A-IRIBA-NGO	+250781262775	theodose.mbonigaba@yahoo.com
31.	Johnson Mwebaze	Rwanda	PELUM Rwanda	+250788301319	pelumrwanda@ymail.com
32.	Simplice Dayo Vodouhe	Benin	Benin Organization for Promotion of Organic Agriculture (OBEPAB)	+22996691096	dsvdouhe@yahoo.com
33.	Agbonoukon Severin	Benin	Platform of the Actors of the Civil Society of Benin (PASCiB)	+22967613543	sevehu@yahoo.fr
34.	Boton Smith Angel	Benin	Ministry of Agriculture, Livestock and Fisheries (MAEP)	+22961660072	smithboton@gmail.com
35.	Gbelidji	Benin	Benin Organization for Promotion of Organic Agriculture (OBEPAB)	+22997219246	tgbelidji@gmail.com
36.	Ernest Comlan Pedro	Benin	Platform of the Actors of the Civil Society of Benin (PASCiB)	+22997604664/ 95588973	ipenesco@yahoo.com
37.	Anzim Agnide	Benin	Action Centre for the Environment Sustainable Development (ACED)	+22967312482	a.agnide@aced-benin.org
38.	Silvere Tovignan	Benin	PEBA Benin	+22997281138	tsilvere@yahoo.fr

39.	Abdoulaye Awali	Benin	DPP-MAEP- Environmental Cell	+22995160232	awaliabdoulaye@yahoo.fr
40.	Sewade Lagnon Patrice	Benin	REDAD-Sustainable Agriculture Development Network	+22997723700	patsewade@gmail.com
41.	Agbangla Alcide/Godfrey Nzamujo	Benin	Songhai Centre	+22920246092; +22996270557	songhai@songhai.org ; alcideami2002@yahoo.fr
42.	Mamadou Fall	Senegal	IED Afrique	+221338671058	mfall@iedafrique.org
43.	Laure Diallo	Senegal	ENDA-PRONAT	+221774415310	lor_brun@yahoo.fr
44.	Ousmane SY	Senegal	University Thies	+221776325611	oussousyso@yahoo.fr
45.	Awa Fall	Senegal	Government	+221775565817	awa.fall@gmail.com
46.	Marie Louise Faye	Senegal	Agrogreen Business	+221761252022	marie.dioh@agrogreenbusiness.com
47.	Ibrahima Sylla	Senegal	University Cheikh Anta Diop	+221781777453	ibrahima.sylla4818@gmail.com
48.	Simon Diokh	Senegal	Elephant Vert		simon.dioh@elephant-vert.com
49.	Abdoukadre Lo	Senegal	Local Government	+221776300901	dieylanilo@yahoo.fr
50.	Mamadou Danfakha	Senegal	Fahamu/NSS	+221776470231	mamadou@fahamu.org
51.	Mor Diop	Senegal	FAPD	+221773199383	fapd1@yahoo.fr / cndiop19@gmail.com
52.	Silou Ngom	Senegal	ISRA	+221776519304	ngomsaliou@gmail.com
53.	Henri Lo	Senegal	University Cheikh Anta Diop	+221776445119	henrimathieulo02@gmail.com
54.	Esther Bett	Kenya	Resources Oriented Development Initiative (RODI) Kenya	+254724177670	rodikenya@iconnect.co.ke / estherbett@yahoo.com
55.	Cyrus Githunguri	Kenya	Kenya Agricultural and Livestock Research Organization (KALRO)	+254726959592	cyrusgithunguri@gmail.com / cyrusgithunguri@yahoo.com
56.	Esther Wangari Kiruthi	Kenya	Community Sustainable Agriculture and Healthy Environmental Programme (CSHEP)	+254727977009	cshepkenya@gmail.com
57.	Victor Wasike	Kenya	KALRO	+254722850805	victor.wasike58@gmail.com
58.	Ferdinand Wafula	Kenya	BioGardening Innovations	+254711270905	biogardeninginnov@yahoo.com
59.	Dr. Justus Ochieng	Kenya	Bayesian Consulting Group (BCG)	+254722591353	ochieng.justus1@gmail.com
60.	Manei Naanyu	Kenya	PELUM Kenya	+254722535473	manei@pelum.net

61.	Julius Maithya	Kenya	Makueni County Fruit Development and Marketing Authority	+254722644408	julius.maithya1@gmail.com
62.	Meshack Mulinge	Kenya	USAID-Kenya Crops and Dairy Market Systems Development Project (Managed by RTI)	+254701207661	mmulinge@kcdmsd.rti.com
63.	Clement Musyoka	Kenya	Agri-FI	+254703791890	
64.	Winnie Munyaka	Kenya	Acasia Innovations (Kuni Safi)	+254721518020	winniemunyaka@acasiainnovations.com
65.	Eustace Kiarii	Kenya	Kenya Organic Agriculture Network (KOAN)	+254707027728	ekiarii@koan.co.ke
66.	Dr. Oscar Magenya	Kenya	Ministry of Agriculture, Livestock and Fisheries (MoAL&F)	+254202718870	info@kilimo.go.ke
67.	Rhoda Birech	Kenya	Universities (Egerton University)	+254700500667	rhodabirech@gmail.com
68.	Ms. Wanjiru	Kenya	Kenya Institute of Organic Agriculture Foundation (KIOF)	+254720604820	info@kiof.net
69.	Zachary Makanya	Kenya	PELUM Kenya	+254714642916	makanya@pelum.net
70.	Mr. Eliud Ngunjiri	Kenya	RODI Kenya	+254722307576	rodikenya@iconnect.co.ke
71.	Mr. Ngugi Mutura	Kenya	SACDEP Kenya	+254722897564	sacdepkenya@iconnect.co.ke