



Biovision  
Africa Trust

**PROJECT: ECOLOGICAL AND ORGANIC AGRICULTURE (AEB Mali)**



**Project Title:** Integrating Ecological Organic Agriculture (EOA) into National Policies, Strategies and Programs in Africa

**ANNUAL CONSOLIDATED REPORT AEB French version 2017MALI**

**2017**



PHOTOGRAPH OF TRAINING OF ACTORS (Samanko 2017)



Plot of rainfed rice with organic manure for optimal dose determination

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## LIST OF ACRONYMS

EOA	Economic and Organic Agriculture
AOPP	Association of Farmers' Professional Organizations
CRRA	Regional Center for Agronomic Research
FENABE	National Federation of Organic and Fair Farming
IER	Institute of Rural Economy
IPR/IFRA	Rural Polytechnic Institute of Training and Applied Research
REMATRAC-BIO	Malian Network for the Transformation of Organic Cotton

## Résumé

An analysis of the level of achievement of program activities shows that **89%** of the activities planned for 2017 were implemented according to the analysis tabulated below:

Output Code	# of activities planned for 2016	# of Implemented Activities	% of implementation %	# of unimplemented activities	Reason for non-implementation
<b>Pilier 1</b>					
Output 1.1	6	6	100	0	
Output 1.2	5	2	40	3	The activities of this output are subsequent to some activities that were not carried out. Now it is possible to implement them
Output 1.3	3	0	0	3	The absence of the specialist responsible for monitoring and evaluation did not allow this activity to be carried out. The support tips have been realized but partially
Output 1 .4	2	2	100	0	
	16	10	62	6	
<b>Pilier 2</b>					
Output 2.1	4	3	100	1	3 activities totally realized. A partially completed activity "EXPO workshop Multi actors at the IR / IFRA" delayed due to lack of financial means and schedule (strike of teachers of higher education for 40 days)
Output 2.2	4	4	100	0	Communication center housed in the laboratory (Entomology Laboratory Biology of Arthropods and Integrated Struggle in Katibougou and Annex IPR based in Bamako

Output Code	# of activities planned for 2016	# of Implemented Activities	% of implementation %	# of unimplemented activities	Reason for non-implementation
Output 2.3	3	3	100	0	Visit of the actors in progress. The northern regions (Mopti, Gao, Timbuktu ....) Not covered because of conflict and financial means
Out 2.1.4					
	<b>11</b>	10	91	1	
<b>Pilier 3</b>					
Output 3.1	8	8	100	-	
Output 3.2	9	9	100	-	
Output 3.3	3	3	100	-	
Output 3.4	3	3	100	-	
	<b>23</b>	23	100	-	
<b>Pilier 4 Coordination</b>					
Output 4.1	10	10	100	0	All budget lines have been executed either totally or partially. Those that are partial relate only to advocacy (4.1.4, 4.1.5, 4.1.6). Also some activities like the AEB strategic plan, although it was not planned for 2017, have been started and will be finalized in 2018
Output 4.2	5	5	100	0	
Overall	<b>15</b>	15	100	0	
<b>Global projet</b>	<b>65</b>	<b>58</b>	<b>89</b>	<b>26</b>	

The analysis of the table reveals a rate of 89% of the achievements of the planned activities, despite the weakness of the resources available for the period (39%). The following weaknesses have been noted in carrying out activities at the pillar level

- A delay in the implementation of Pillar 1 activities. This is because there are activities that need to be done before and after subsequent activities.
- At the level of pillars 2 and 4 there are activities started but not finalized such as taking into account the curculats (output 2.1) and part of the 4.1 at the level of pillar 4 are to be finalized during 2018.
- At Pillar 3 activities are 100% realized

## **I. INTRODUCTION**

This document summarizes the activities carried out by the 4 pillars during the period from January to December 2017. It shows the achievements and presents the highlights of the period. Through the following table of achievements, an emphasis is placed on the impacts of the project, which allows to appreciate the benefits gathered by the actors for the benefit of the beneficiaries. The activities were carried out (see table below) at 89%

this document summarizes the activities carried out by the pillars:

**-Pillar 1:** responsible for research, training and extension  
 A significant portion of greenhouse gases, responsible for global warming and climate change, is attributable to conventional agriculture. In response to this situation, alternative forms of agricultural production have been developed focusing on ecological processes, the exploitation of natural resources and the local knowledge of producers. Among these, organic and ecological farming occupies an important place and presents itself as the option of sustainability allowing to combine the trilogy ecology-economy-society.

**Pillar 2:** Pillar responsible for disseminating information, awareness and training of AEB actors  
 all activities have been started but not fully completed

Pillar 3, REMATRAC Bio, responsible for the development of the markets and value chains of the AEB-Mali project during the period from January to December 2017.  
 All the activities planned for the year 2017, despite the delay in the first quarter, have been achieved to the satisfaction and unwavering involvement of all stakeholders.

From 44% for certain activities in Q1 2017, the rate posted at the end of the period is 100%. This denotes the work that both have done to achieve this result. The figures, the interviews, the reports, the photos available in each activity report are some testimonies of the actors who participated in our activities.

Access to market information and data on EOA products, capacity building in the development of organic value chains, capacity building to support the quality of collective marketing of organic products national, regional or export markets are the results of activists and strategies to ensure the institutionalization

**Pillar4:** Program Coordination

Through the activities, the AEB project contributes to: the organization of the actors of the agriculture, biological and ecological and to the visibility of the actions carried out through communication tools (site, database, supports ...) to reach information on the market for organic products. We note that many actors have been identified and who are starting to create synergy to revitalize the organic market (Sotuba, Missira, Lassa ...)

The fundamental objective is to promote the behavioral change of the producers, the consumers and the commitments of the authorities for the benefit of organic farming in Mali.

The year 2017 also saw the holding of the 4th AEB West Africa Conference. The participants (150) came from Africa and Europe which was a good opportunity for the Malian actors to understand and get involved in the institutionalization of the AEB in Mali.

Overall, the year 2017 is marked by a delay in transferring funds from the project to the pillars. This has had a negative impact on the level of achievement of activities



## I. LES PRINCIPALES REALISATIONS

CODE	ACTIVITES PLANIFIEES	ACTIVITES REALISEES	RESULTATS OBTENUS	METHODES UTILISEES	ASPECTS D'IMPACTS VISIBLES
<b>Pilier N° 1 : Recherche / formation et vulgarisation</b>					
<b>1.1</b>	Outcome 1.1 Increased research knowledge of organic practices use, needs and priorities in the entire value chains available Output indicator (s): Number of documents on EOA increased by 20% annual target / deliverable (planned quantized output): Reports (5) and publications (2) Baseline situation at start (quantified): Reports (2 ) and publications (0.5)				
Output 1.1.1	Conduct in-depth document reviews, available in-service research on EOA	Review of the literature on organic and ecological agriculture in Mali and around the world.	The following documents were used: Notes to decision-makers, policies, scientific articles, popularization documents, end-of-cycle memoranda, theses, data sheets, etc.	Research on AGORA sites, FAO, scientific journals, Google scholar, AGRITROP, etc.	A better knowledge of organic farming with the possibility of exploiting documents giving insights on AEB in Mali
1.1.2	identify gaps in knowledge of gender needs and priorities in the development of EOA value chains	Assessment of knowledge, strengths and weaknesses, needs of men and women actors in the development of value chains in Ecological and Organic Agriculture	Strength: -Availability and possession of land, -Seeds certified, - favorable climate. Weaknesses: Insufficient training - Unavailability and non-control of water - Lack of equipment - Insufficient technical support - Insufficient financial means for organic certification - lack of accredited cabinet for organic producers - poor organization of	The work was organized in plenary sessions and group work.	OPPORTUNITIES (external factors) - Availability of raw materials - Existence of PTF - Existence of support structures - Agri-food processing is one of the government's priorities - Existence of markets - Existence of banks and micro finance



			producers		
1.1.3	Create and regularly update an EOA research database in service at the national level in close liaison with networks such as Noara and other research institutions	A contract with a service provider to update the database			
Output 1.1.4	Validate search results in EOA practices Application of local knowledge document for the development of EOA validate search results in EOA practices Application of local knowledge document for the development of EOA	Restitution and validation of research results on soil amendments in the practices of the AEB in market gardening	- the main types of amendment in AEB have been identified; - the interest of the amendments in AEB is known; - the periods for introducing amendments to market gardening in AEB are known.	-The work was organized in plenary sessions and group work.	Better training and awareness of producers on the dangers of pesticides in market gardening
1.1.5	Application of local knowledge	Identification and capitalization of the local	- a definition of the AEB was given to the participants to	he work of the workshop took place	A better knowledge of the AEB by the participants.

	document for the development of EOA	knowledge of the producers of this region in ecological and biological agriculture	enable them to better identify the constraints related to its development; - local knowledge of male and female producers on AEB has been identified; - the advantages and disadvantages of production systems under the AEB have been identified; - the local knowledge of the producers on the AEB has been capitalized.	in two phases: plenary sessions for presentations and renditions and in group work sessions	An opportunity for exchanges between actors in the organic sector
1.16	Launch Demand Side Research Based on Competitive Approach	<p>Cotton program</p> <ul style="list-style-type: none"> <li>- a cotton trial and a corn test on the evaluation of the performance of sustainable and organic systems with conventional systems;</li> <li>- a station test and a test at 5 producers on the determination of an optimal dose of organic manure in organic rice cultivation of rainfed rice and lowland.</li> </ul>	<p>Cotton</p> <p>The analysis of variance did not show a significant difference (<math>p = 0.598</math>) between the yield obtained in the plots of the different objects. The average yield was 320 kg / ha.</p> <p>Corn</p> <p>The analysis of variance showed significant difference (<math>p = 0.000</math>) between the yield obtained in the plots of the different objects. The yields obtained with the two conventional systems were statistically higher than the average yields obtained with the three biological systems.</p> <p>Lowland Rice</p>	<p><b>Coton</b> : un dispositif en bloc de Fisher avec 5 objets en 6 répétitions.</p> <p><b>Maïs</b> : un dispositif en bloc de Fisher avec 5 objets en 6 répétitions.</p> <p><b>Riz de Bas-fond en station</b> : Blocs complètement randomisés avec 5 traitements en 4 répétitions</p> <p><b>Riz de Bas-fond en milieu paysan</b> : deux traitements sans</p>	<p>La culture du coton biologique est possible et le rendement obtenu est statistiquement équivalent au rendement du conventionnel</p> <p>Pour le maïs, le rendement du bio est inférieur au rendement du conventionnel</p> <p>Pour le riz de Bas-fond, aucune différence n'a été observée entre l'utilisation de la fumure organique et minérale</p>

			In station no significant difference was observed between the yields of different treatments. In the farm sector, the average paddy yield for all sites is 4017 kg ha-1 with respectively 3991 kg ha-1 for mineral fertilization and 4044 kg ha-1 for organic manure.	répétition	
<b>1.2</b>	Outcome 1.2 Organizational and implementation capacity of developed and strengthened EOA practices Exit indicator (s): Number of documents on EOA increased by 20% Annual / deliverable target (planned quantized output): Reports (5) Situation baseline at the beginning (quantified): reports (2.5) and publications (0) "				
Output 1.2.2	Support the periodic review of training programs and materials, relevant training institutions with stakeholders (practitioners, institutions and policy makers)	Two meetings were organized to discuss with teachers of higher and secondary education on the enrollment of AEB in school curricula	<p><b>Step from Katibougou</b> After several exchanges and explanations on the functioning of the programs at the level of the IPR, the decision was taken to create at the IPR / IFRA a Master in AEB.</p> <p><b>Step from Sikasso</b> After several exchanges and explanations on the functioning of the programs at the different centers. The following decision was made: ask teachers to open</p>	<p>Meeting with DR officials to reflect and agree on a decision on which type of AEB program should be institutionalized in Mali</p> <p>Exchange with some teachers and study leaders of vocational training centers on the possibility of including Ecological and Organic Agriculture in training curricula.</p>	For the creation of this master, teachers were chosen to follow the file. A model has been created. a-Provide incentives to support teachers. b-Strengthen faculty capacities on the harmony of concepts in the field of AEB. C-Make a study on the analysis of the need for work in the field of AEB.

			parentheses during presentations to talk about AEB.		
1.2.5	Support for short training sessions for targeted actors in the EOA value chain to build capacity on identified gaps				
<p>"Implementing Partner Pillar: Healthy Food for Consumers Initiative  Pillar: 2  The planning period: January - December, 2017  As a result, producers are systematically informed and sensitized about EOA approaches and good practices and motivated to apply them by having access to enhanced counseling and support services.</p>					
2.1	<p>Outcome 2.1: Increased Awareness and Awareness of the Value and Practices of 40 Percent OES Output Indicator (s): Increased Awareness and Awareness of 20% EOA Practices among Stakeholders and Adoption of technologies and innovation 10% EOA among stakeholders  Annual Objective / Deliverables (Quantified output expected): Reports (3) and Media Materials (2)  Basic situation at the beginning (quantified): Reports (3) Communication Center (0) and media materials (2)</p>				
2.1.1	Analysis of misconduct in information and communication strategies (suite)	Rencontre des acteurs COASP, Ségou, Sikasso, Kayes, Bamako, Koulikoro	<b>Acteurs informés et sensibilisés</b>	<b>Visites directes, questionnaires échanges et discussions</b>	<b>Adhésions inconditionnelles à l'AEB</b>

2.1.2	Develop outreach and communication strategies and sensitize EOA stakeholders and value chain stakeholders through workshops, media, websites	Workshop Communications and Conference on the Environmental Impact of Conventional Agriculture and the AEB Advantage	Producers and amateurs won at AEB. Increase of number of surface and organic product.	Meeting organizations, radio and newspaper information, Facebook, Mali jet website	80% of the students and popularizers convinced. Memberships of many professors
2.1.3	Prepare and validate information and communication material	Acquisitions of communication tools creation and animation website	Publications of many articles on the site	Direct interview and testimony	More than 50 information calls
2.1.4 (idem 2.1.2)	Sensitize EOA stakeholders and actors in the value chain through workshops, media, websites	Producer training on the nutritional and importance of AEB products	Many traditional recipes identified	Preparation and tasting of the dishes at the fair.	Recognition of flavor and nutritional value by participants.
2.2	<p>Output 2.2: Extension and communication support systems are strengthened</p> <p>Exit indicator (s): Number of documents on EOA increased by 20%</p> <p>Annual / deliverable target (planned quantized output): reports (4) and communication center (1)</p> <p>Baseline situation at the beginning (quantified): Reports (2) and publications (0)</p>				

2.2.1	Establish a communication support infrastructure (agricultural resource centers, information centers, websites, databases and other repositories)	Phyto-Genetic Resource Center at LaBALI	Seed bank with over 15 speculations with more 4 varieties / speculation	Peasant seed collection and experimental study on AEB IPR and peasant plots	proven adaptability to climate resilience and increased demand for seeds
2.2.2	Train farmers and extension workers in the use of innovative communication strategies	Training in the use of the website and Mali jet	Many students and teachers informed in real time	Communication in mailing list	Solicitation of students for participation in AEB events
2.2.3	Prepare and take advantage of guidance notes and guidelines on ICT applications in EOAs to policymakers and other stakeholders	Organization of open day and debate conference	Participation of the administrative and political authorities technical agents of the Koulikoro Region and the District of Bamako	Solicitation of presence and media coverage (ORTM, print and oral media)	Declaration and commitment of authorities for support
2.2.4	Create links and partnerships	Participation in workshops and	Identification and collaboration with many	Power point communication and	Communication and Presentation Power

	among stakeholder organizations in the transfer involve them in the dissemination of EOA practices	workshops on peasant seeds and peasant agro ecologies	stakeholders including COASP-Mali, COPAGEN, AEP Nyeleni CNOP, BEDE, AEB researchers	presentation	Solicitation at meetings as resources and trainer
<b>2.3</b>	<b>Other budget Items 20% Output 2.3: Implementation of the pillar activities effectively enhanced Annual Target/deliverable(expected quantified outputs): Reports (3) Baseline situation at the start(quantified): Reports (0)</b>				
2.3.1	Conduct M & E	Frames of the technical agents and questions on the constraints	Better understanding of AEB principles	Spot checks and questionnaires to producers	Increase in adherents
2.3.2	Supervise and support	Visits to Koulikoro women's sites and tips	Improvement of the AEB practice,	Oral training in situ	Increase and better quality of products
2.3.3	Prepare annual and interim reports	Narrative reporting, semi-annual and final technique	Three progress reports and one final	Written and oral reports accompanied by illustrations if possible	Justified activities and an animated website
<b>PILLAR 3: VALUE CHAIN AND MARKET DEVELOPMENT</b>					
<b>3.1: Access to market information and EOA product data</b>					
3.1.1+3.1.4	Develop and update national database of actors (producers, processors, traders,	Update the database: Lakana Cooperative Sènè 18 members, CPCB cooperative organic	Increase of number of actors: -The actors in the cotton and mango sector of Kita (20	Participatory methodology exchange of experience	New actors in the regions 20 farmers Kita 10 Balimaya women from Bougouni

	consumer, regulators) in the EOA value chains	mango sector of Sibirila Bougouni 8 households Balimaya Cooperative of women transformers of Bougouni 10 members, Cooperative Agro Platform 4000 members, Klédu Farm, Blue Lemon Association Actors from the Kita organic cotton and mango sector Women transforming Shea butter from Wéléssébougou Association of Mayors and Municipal Councilors of Mali Ministries of the Promotion of the Child's Woman and the Family	farmers) -Women transforming Shea butter Woulessebougou (150 women) -The Association of Mayors and Municipal Councilors of Mali (704 Mayor and Councilors) -Ministers for the Promotion of the Child's Woman and the Family -Maraîchers of Lakana Cooperative Sènè 18 members, -Cooperative CPCB mango sector of Sibirila Bougouni 8 households, -Cooperative Balimaya women transformers Bougouni 10 members, -Cooperative Agro Platform 4000 members, -The sweetness of Klédu Farm -Blue Lemon	Collection of data	150 Women UKC from Oulessebougou - 3 women Association of Mayors and Municipal Councilors of Mali -Ministers for the Promotion of the Child's Woman and the Family - 18 market gardeners Lakana Cooperative -8 CPCB Cooperative households mango sector of Sibirila Bougouni -Cooperative Agro Platform -The sweetness of Klédu Farm -Blue Lemon
3.1.2	Create linkages between the national databases and the other databases at regional and global levels - AUC, FIBL,IFOAM				



3.1.3+3.1.5	Develop, adapt and update tools for collecting market information and data				
3.1.4	Train stakeholders on the use of the tools for collecting market information and data	Idem 3.1.1			
3.1.6	Support establishment of at least 3 organic farmers markets in every participating county	Monitoring and evaluation of Sotuba organic market sales outlet activities Start of partnership with the actors of the organic market of Missira in Commune II of the District of Bamako Request for space allocation for the sale of market garden produce at the "Alaminesougou de Magnabougou" Market with the Minister for the Promotion of Women, Children and the Family	The point of sale of organic farm products, increase in the number of customers Turnover  Point of sale of organic market garden products at Missira market (Market players) Point of sale for organic market garden products at the "Alaminesougou" market in Magnabougou (Ministry for the Promotion of Children and Family Women)	Exchange and presentation on working conditions development proposal Making contact with key players	Sotuba point of sale (weekly) Wooden Floors, Gas Cooker, Thermos, GF Posters Product Price Directories at Sotuba Outlets January 2017 Number of customers 15 Turnover 100,000 FCFA December 2017 Number of clients 40 Turnover 250 000 FCFA (Source file Lakana Sènè) -Point of sale of organic market garden products at the market of Missira (Market players) -Point of sale of organic market garden products at the market "Alaminesougou" of Magnabougou
3.1.7	Support organization and participation of stakeholders in the	Participation in the "very very organic day" Participation SIAMA International Crafts Fair	identification of new actors / partners Put in relation of partnership between the actors by sectors	Participatory methodology, exchange of experience,	Making contact with key players in the AEB Ferme Bio de Satinebougou, Farm Klédu, the organic

	national, regional and international trade fairs	<p>2017</p> <p>Participation in the FIDAK Dakar International Fair 2017</p> <p>Participation in the National Day of the Communes of Mali</p>	<p>of activities</p> <p>Sharing of information (producers, processors, consumers, partners) on the specifications</p> <p>Discovery of new products and organic restaurant in Bamako</p> <p>Communication and information on AEB directly with producers, processors, consumers, partners</p> <p>Participation in fairs and exhibitions</p>	<p>presentation, presentation, organization of competitions and, tasting sessions of organic recipes</p> <p>Exhibition of farm products and organic textiles</p>	<p>restaurant lemon blue, the cooperative Agro platform</p> <p>organic consumers</p> <p>technical partners</p> <p>Swiss contact- Helvétas</p> <p>Presentation of the specifications of organic market gardening</p> <p>SIAMA 2017</p> <p>97 Contacts</p> <p>22 Wholesaler Orders</p> <p>Turnover 1830 000 FCFA</p> <p>FIDAK 2017</p> <p>Contact exchanged 150</p> <p>Wholesale order 44</p> <p>Turnover 2850000 F CFA</p>
3.1.8	Conduct consumer awareness through media, promotional materials, mobile phones	<p>Making contact with the radio hosts: ORTM, Djekafo, Klédu Bamako, Klédu Kayes, Klédu Sikasso, Balazan Ségou Klédu Mopti, Frequency 3, Radio Kayira, Renewal FM, inform, raise awareness of the need to consume products and their impact on the environment, health and biodiversity.</p> <p>-Sensitization of</p>	<p>Preparation of communication tools for the awareness campaign producers, processors, consumers, partners and other stakeholders on organic products through the media</p> <p>-Participation of the administrative, political and technical services authorities of the State in AEB activities</p> <p>Raise awareness, inform young students and academics</p>	<p>Preparation of communication media</p> <p>Exchanges with Radio hosts</p>	<p>Provision of information on AEB at the level of free radio and ORTM, Djekafo, Klédu Bamako, Klédu Kayes, Klédu Sikasso, Balazan Ségou Klédu Mopti, Frequency 3, Radio Kayira, Renewal FM,</p> <p>-4 schools visiting SIAMA 2017 informed and sensitized on AEB</p> <p>- 3 schools and a private university visiting FIDAK 2017 informed and sensitized on AEB</p> <p>-Implication of Mayors,</p>

		administrative authorities, political and technical services of the State during AEB activities  -Sensitization of young students and scholars SIAMA 2017 and FIDAK 2017	at SIAMA 2017 and FIDAK 2017		Regional Directorates of Agriculture, Hygiene and Environment of Kita, Koulikoro and Bla to the activities of the AEB
3.2	<b>Capacity in value chains development for EOA products enhanced (30%)</b>				
3.2.1	Conduct value chain mapping and analysis for EOA products				
3.2.2	Conduct training in Value Chain Development and Marketing for at least 10 Master Trainers (MTs) taking into account gender and youths	Training of 20 AEB association and group leaders on value chain development and marketing on May 22, 2017 at AOPP with the involvement of the National Directorate of Agriculture, the National Directorate of Agriculture the environment	Capacity building of the trainers on the development of the value chain for better restitution at the base Mastery of the links of the value chain Concept of value chain and marketing and its importance in the flow of organic products.	Participatory methodology, presentation, group work and exchange of experience on the stages and activities of the value chain and the market	20 master trainers have tools to train, inform actors on the basics of marketing and development of the value chain and the organic market Koulikoro Women's Application to the Governor of the Region the allocation of space or point of sale of products market gardeners bios
3.2.3	Support MTs conduct national TOTs trainings for extension agents, lead farmers and service providers on value chain				

	development				
3.2.4	Support national TOTs to conduct farmer trainings on value chain development	Training of 25 agricultural producers of the FENABE (Circle of Kita Kayes Region) on January 13 on the development of the value chain	Strengthen the capacity of 25 agricultural producers of FENABE on the development of the value chain	Lecture, presentation, exchange of experience, group work	25 FENABE agricultural producers in Kita have been strengthened on the value chain and market value chain concept and marketing and its importance in
*3.2.5	Facilitate exchange visits for actors to cases of good practice	Exchange visit with the members of the Lakana Sènè Cooperative (Banankoro and Satinebougou market gardeners) Exchange visit of the actors of the organic mango sector of the FENABE in Bougouni (Producers, traders and processors of organic mango) Exchange visit to the National Directorate of Agriculture Exchange visit with the leaders of the Cooperative Agro Platform Exchange visit to members of the Malian Association for Solidarity Exchange visit to the Ministry of the	Create a collaboration and partnership link between market gardeners (sharing tools and practical advice to better produce and sell better) Create a synergy of action between AEB actors involving the technical services of the State, administrative, political and customary authorities in the activities of the AEB in each locality  Provide information on sales conditions (certification / price reference) and conservation / processing / packaging of organic products for producers, processors and traders in the AEB sector	Participatory methodology exposed exchange of experience on products, conditions of sale, good practices difficulties in production, sales and processing of organic products Courtesy visit and involvement of the authorities	Sharing AEB good practices, access to information on markets and organic products Improving production conditions, Strengthening the marketing circuit of organic products Exchange of information on the production of organic pesticides (Koulikoro and Banankoro) Review of the certification system, system of sale of organic products, and sale of products of the locality on the national and international market  Request for water supply from the DORA Bureau for Banankoro and Djoliba market gardeners  Reviewed on the activities undertaken by the project

		Promotion of the Child's Woman and the Family			facilitation of organic certification of the Bougouni mango sector
3.2.6+3.2.7	Train stakeholders in entrepreneurship, develop business plans and support strategic business links with green investors	Training of 10 members of AEB Association and Grouping actors in entrepreneurship, development of business plans and support strategic business links with green investors 06 and 07 October 2017 at AOPP	Bring the actors of the 10 organizations trained to have a clear vision on the company, not to navigate by sight, to make known his company, to share the information of the company, to specify the roles and responsibilities of each actor, make future projections / evolution of the company, know the provenances and the exits of the expenses, make the planning of the expenses	Lecture, presentation, exchange of experience, group work	10 organization and association leaders are trained in entrepreneurship, developing business plans and supporting strategic business relationships with green investors
3.2.8	Document brochures, leaflets, video clips and audio clips and share through the media and workshops / events best practices in the value chains of EOA products	Support documentation infomercial: Atelier Domo Ségou REMATRAC Bio Shop, Sotuba Bio Market, Pillar 3 activities 2016- 2017 Production of audio support on Kita training and communication posters	Production of communication media (video clips and audio support for all activities (2016-2017) for awareness raising and communication on AEB products	Participatory Methodology, Exposure, Visits and Exchange with AEB Stakeholders	The documentary film and the audio support for the sensitization, information and communication sessions on the AEB are available presentation of the film at the FIDAK, and at the 4th Conference in Mali
3.2.9	Document brochures, leaflets, video clips and audio clips and share through the	Support documentation infomercial: Atelier Domo Ségou REMATRAC Bio Shop, Sotuba Bio Market, Pillar	Production of communication media (video clips and audio support for all activities (2016-2017) for awareness raising and communication on AEB	Participatory Methodology, Exposure, Visits and Exchange with AEB Stakeholders	The documentary film and the audio support for the sensitization, information and communication sessions on the AEB are available

	media and workshops / events best practices in the value chains of EOA products	3 activities 2016- 2017 Production of audio support on Kita training and communication posters	products		presentation of the film at the FIDAK, and at the 4th Conference in Mali
<b>3.3</b>	<b>Enhanced capacity in quality assurance for supporting collective marketing of organic products to the domestic, regional or export markets enhanced (20%)</b>				
<b>3.3.1</b>	Train 8 local biological inspectors	Training of 28 inspectors, facilitators and technicians of the FENABE on the Internal Control System on November 30 in Bla (Segou Region)	28 actors composed of internal controllers and technicians were equipped with the Internal Control System, the organic and fair certification processes as well as the traceability	Lecture, presentation, exchange of experience, works of art	4 internal controllers, 20 facilitators, 4 technicians were equipped with the Internal Control System, the organic and fair certification processes and the traceability
<b>3.3.2</b>	Train and Facilitate at least 16 producer associations nationally in the use of Internal Control System (ICS) and Participatory Guarantee System (PGS) for market access	Training of 20 market garden producers of associations, Grouping and organization on the Participatory Guarantee System (PGS) for access to the market, facilitate its application in Bamako on January 20th	20 market gardeners are equipped in the use of: Cahier de charge GSP Facility, Membership Form and Condition, Non-Compliance Form Organic gardening sheet, Crop monitoring sheet Establishment of structures for my implementation of the device	Lecture, presentation, exchange of experience, group work	2 market gardeners by zone of activity of (Tadiana, Koulikoro, Kati, Djoliba, Blah, Bougouni, Banankoro, Bamako) were trained in the use of: Cahier de charge GSP device Sheet and condition of addition Programming of implementation activities of the device by FENABE and AOPP
3.3.3	Facilitate implementation of third party certification approach	Facilitate the implementation of third party certification Training and information session for stakeholders	30 FENABE producers were equipped to better prepare themselves for the Internal Control System, the organic and fair certification processes	Lecture, presentation, exchange of experience, group work	30 producers in the FENABE mango industry have been equipped to better prepare themselves for the Internal Control System, the organic

		<p>in the Bougouni mango industry on third-party certification (Preparations for the 2017-2018 certification of the year) 30 producers of FENABE were equipped to better prepare for the Internal Control System, the organic and fair certification processes and the traceability of their production. Course presentation, presentation, exchange of experience, group work 30 producers of the FENABE mango industry were equipped to better prepare themselves for the Internal Control System, the organic and fair certification processes and the traceability of their products. production (implementation of 2017 certification campaign)</p>	<p>and the traceability of their production.</p>		<p>and fair certification processes and the traceability of their production (implementation of the 2017 certification campaign)</p>
<p><b>3.4: Effective implementation of the pillar activities enhanced</b></p>					
3.4.1+3.2.9	<p>Conduct M &amp; E and share lessons on</p>				

	the development of the EOA product value chain				
3.4.2	Prepare interim and annual reports	<p>Validation Report 2016 (AOPP- Bio Vision)</p> <p>Preparation of technical and intermediate reports January to June 2017</p> <p>Preparation of the interim technical and financial report from June to November 2017</p> <p>Preparation of final technical and financial report from January to December 2017</p>	<p>The technical and financial report January-June 2017</p> <p>Intermediate financial and technical reports January to June 2017</p> <p>intermediate technical and financial reports from June to November 2017</p> <p>the final technical and financial reports from January to December 2017</p>	<p>Presentation and group work among Pillar 3 leaders, reporting back to Pillars and Partners</p>	<p>Access to the technical report of Pillar 3 activities from January to June 2017</p> <p>Access to the financial report of Pillar 3 activities from June to November 2017</p> <p>Access to the financial report of Pillar 3 activities from January to December 2017</p>
3.4.3	Travel Cost	<p>Visited exchange Banankoro Satinebougou (Kati)</p> <p>Sibirila (Bougouni)</p> <p>Bougouni Third Party Certification Training (Sikasso Region)</p> <p>Training of FENABE producers on the internal control system in Bla (Ségou Region)</p> <p>Participation in the Dakar International Fair</p> <p>Training of producers in the cotton sector on the development of value</p>	Fund the costs of field trips	<p>Vehicle rental support</p> <p>Supporting participation in activities</p> <p>Hosting support</p>	<p>Banankoro Satinebougou (Kati)</p> <p>Sibirila (Bougouni)</p> <p>-Training on third-party certification of Bougouni (Sikasso Region)</p> <p>-Training of FENABE producers on the internal control system in Bla (Ségou Region)</p> <p>-Participation at the Dakar International Fair</p> <p>-Training of producers in the cotton sector on the development of value chains and the market in Kita (Kayès)</p>



		chains and the market in Kita (Kayes Region)			Region
	Administrative costs	Partial coverage of the rental and the salary of the manager of the shop Office supplies Maintenance of computer equipment Bank charges	Partial coverage of Pillar 3 expenditures	Assumption of expenses	Support for renting the rental and the salary of the manager of the shop  Supports purchases of office supplies Support maintenance of computer equipment  Bank charges

### PILLAR 4: SUPPORT AND CEMENTING

#### Résultat 4,1 Plates-formes nationales pleinement opérationnelles avec un comité de pilotage renforcé de sable

4.1.1.	Développer le mandat et les règles de procédures pour les plates-formes nationales et Comité de pilotage facilité par le CLO.	Activité réalisée	Establishment of a scale for missions (travel and meetings)	A meeting of the pillars with the CLO is held to define the procedures relating to the functioning of the CLO and the pillars for the harmonization of the principles of operation within the 4 pillars:	This has created a mutual understanding of the implementing actors. The often lengthy debates for the cause have greatly diminished. This scale is to be perfected for reasons of equity
4.1.2	Organiser au moins 2 Réunions des partenaires des pays afin de partager les expériences et les leçons	An experience-sharing meeting that brought together AEB stakeholders in Mali	During this meeting, the AEB directory was debated The following results were obtained: • Update of the directory with added identification to the initial document • Identification of the main speculations that are concerned par the organic production	Meeting with the pillars extended to other actors	. This meeting strengthened the Malian platform by integrating other actors

			method (cotton, sesame, mango, cashew nut, shea butter, fonio, market gardening) • Some speculations still need to be verified		
4.1.3	Sensibiliser les différents acteurs et parties prenantes dans le pays à propos de la valeur de EOA dans le développement	Meeting with pillars and other actors (platform members, NGOs and POs, communicators, innovative producers	Presentation of the evolution of the project and the overall budget Identification of other actors in particular: Union of Banamba sesame producers, Green Elephant in organic production, Sassakawa Global 2000 in support of universities and students)	Participatory meeting	Now the structures are partners of the project through document exchanges and site visits Each organization in its field has identified the strengths and weaknesses of its intervention in the rural world. So it turned out that a synergy between the different actors is created in order to have enough impact for the project
4.1.4	Entreprendre une analyse de l'écart de la politique sur les politiques actuelles en matière de développement EOA	he study started in the first semester is not fully completed	Documentary analyzes and restitution of the data collected at the CLO and the platform. With the 4th conference held in Mali we must push the documentary analysis by going to the IFOAM website	Meeting with relevant structures (ministry, NGO), workshop	This analysis showed the authorities' lack of attention to the AEB. This study has awakened a certain category of managers who now act in favor of the promotion of the AEB
4.1.5	Plaidoyer pour l'inclusion des EOA dans la politique nationale les processus, stratégies et plans d'investissement	Advocacy in progress (a first phase that goes from objectives to the formation of advocacy groups.	- Analyze public decision makers -Search for financing -An analysis of the alliances -formulation of messages -constitution of advocacy group advocacy group (action plan)	Periodic meetings, visits of resource persons	Table of Basic Synoptic Elements of Advocacy, Advocacy Concept Note, Feedback Workshop Report

4.1.6	Développer des objectifs à long terme et des stratégies pour la Plate-forme nationale facilitées par le Comité de pilotage et CLO	Draft Strategic Plan Development	Contextual Analysis, Strength Analysis, Weakness, Opportunities and Threats, Vision and Missions	Meetings with the pillars and other actors	The impact is for the moment limited because only the direct actors are involved. Strategic directions and objectives, activities and budget will be addressed in 2018
4.1.7	Développer répertoire et base de données des membres des plates-formes nationales et les partenaires de développement	The study looped directory	Implementation of a data collection tool, construction of the database framework, database intelligence and database sharing	Field survey, meetings	Collection tool informed by AOPP R and other structures. This study made it possible to identify other structures that are in organic agro ecology, particularly at the level of regional AOPPs, structures étatiques, les ONG
4.1.8	Soutenir la participation à des fora régionaux	Forum on Peasant Seeds, Equity Fairs in Burkina Faso and Ghana	"Manifesto" validated and signed. A farmer agro ecology platform is set up Identification of actors at the level of the pillars generally of women except the case of seeds	workshops Voyages Exhibition of fair trade organic products	Workshop report and manifesto Thus partnership relations have been established between the Malian, Ghanaian and Burkinabe players. Creation of a sub-regional network on equity.
		creation of the Innovation Platform on soil fertility management and adaptation of agricultural technologies to climate change Creation of a College for Fair Trade in Mali (CCEM)	the priority objectives of the Platform have been defined The institutional anchoring of the platform and its sustainability were defined. A partnership is under construction between the CLO and AVSF for taking the Equity dimension in the AEB	Workshop, meeting of actors	A division of roles was made -Organic production: FENABE Marketing of cotton at PO level: AProCA Global market research: FIBIL, reinforcement of the AOPP / AEB network with integration into the group of beneficiaries of AVSF support. Through this network the AOPP benefited from training (an agent) in advocacy / lobbying in Abidjan, Ivory Coast

4.1.9	Créer un site web pour la visibilité de l'initiative et le partage des informations	Website created with a training of animators	AEB website is functional: www // aebmali.org Staff are trained (Coordinator, Program Officer, RAF, Accounting Secretary, Pillar 2 and Pillar 3)	Many meetings to harmonize points of view, 3 training sessions and a meeting to launch the site	See Site and Prospectus, articles about the activities of the AEB project and those related to the 4th AEB conference are published there
4.1.10	4.1.10. Préparer le plan de travail et le budget annuel au moyen de processus participatifs	The 2018 Action Plan was developed	The budget lines have been completed. Amounts have been discounted	Exchange of emails and restricted meetings between the CLO and the pillars separately.	A first document has been produced but will be updated to take into account the omissions and the amendments
4.2	<b>Output 4.2 Country leader Organization (CLO) and pillar implementation partners have capacity to fulfill their duties</b>				
4.2.1	CLO préparer des accords contractuels et de décaisser des fonds à PIP				
4.2.2	Renforcer les capacités des CLO et PIP dans la coordination et l'exécution des projets	Three training sessions on the use and animation of the website -A follow-up mission to support the pillars _ support to REMATRAC Bio for identification and organic market visit	Strengthened pillar capacities on the AEB Mali website Fixed some gaps in the reporting framework and strengthening of the AEB network through the creation of partnership Discovery of some markets and organic actors (Missira, Sotuba, AMSD Mali, Lake Lassa with a couple whose wife is an expatriate ...)	workshops Field mission, meeting in situ on site, visit of achievements	Available reports Improved document quality List of organic markets available. Some need support especially at the level of Missira which is downtown with a lot of crowds Also LAC Lassa is in the same needs
4.2.3	Facilitate development of criteria for selection of PIPs	Revision of the contracts after the stimulus meeting in 2016	Criteria were defined and applied for the choice of pillars	Rencontre	The pillars are chosen on this basis

4.2.4	CLO tient au moins deux réunions nationales de la plate-forme par an pour les piliers et autres parties prenantes	Three meetings of the platform were held	Sharing the action plan, Update on the activities carried out by the 4 pillars report on activities related to the 4th conference	Participatory meetings	The action plan was shared with the other actors The activities carried out have been brought to the attention of the members The preparations for the 4th conferences were attended by all the actors Conference held with the participation and involvement of all
4.2.5	CLO tient au moins deux réunions nationales de la plate-forme par an avec les piliers et autres parties prenantes pour préparer un plan de travail annuel et le budget par des processus participatifs	Three meetings of the platform (either for the project, for the 4th conference, or jointly both)	Participation of 21 people - Report of the activities of the AEB project by the pillars and the CLO -Planning of a follow-up and support mission with the pillars. - Report on the activities of the 4th conference A directory of the difficulties encountered is established Prospects are identified	Meetings / debate	Recommendations were made by the members of the platform for a better visibility of the activities of the project and the preparations for the 4th conference
4.2.6	Elaboration de plan de travail de l'année dans un processus participatif	The work plan elaborated and shared in a meeting of actors	Explanation of the different budget lines and activities. The how to carry out certain activities was also discussed	Workshops / Meetings	This exercise allowed many actors to understand the project
<b>Analyse</b>		After the revival a year ago Mali has invested through the actors to remove the challenge of operationalization of the project. Activities planned for the period (January to December 2017) were 100% completed We noted overlap over the two years in relation to some activities that started with the 2016 carryover. Thus in the financial report the exchange rates may differ from one line to another. At the level of the CLO in addition to the traditional activities of the project, particular emphasis was put on the organization of the 4th conference, in particular the elaboration of the methodological note, the TORs, the specifications, the mail to the			

partners, meetings with concerned and involved ministries' (Agriculture, Livestock, Higher Education and Scientific Research, Promotion of the Child's Woman and the Family, ...)

#### **Support mission**

Support has been provided both at the Biovison level towards the actors in Mali and at the level of the CLo towards the pillars on the ground

Biovison in March 2017-

CLo in June 2017

Recommendations from these support missions were followed for the smooth running of the project

Overall the implementation of the activities did not have enough difficulties except that the entire fund allocated for 2017 was not disbursed. As in 2016-2017, the balance of 2017 will be slipped on 2018 to have a plan of action and its consolidated budget in a single document.

Some activities could not be closed because of the limited resources available (4.1.4, 4.1.5).

The impacts are visible in the last column of the table.

#### **The involvement of other actors**

- The regional actors of the AEB West Africa network. The West Africa Network of the AEB at a distance supported Mali through orientations especially on the 4th conference. A lot of mail exchange
- National actors. : The authorities participate in the various meetings through the dismemberments, particularly the national and regional directorates. However we found enough absences from the guardianship department
- Other structures such as FNABE, the Banamba Organic Sesame Producers' Union (to whom the COL has made a contact visit) have asserted their membership in the cause.
- At the level of the national platform. The actors of the platform mobilized not only for a reorganization of its meetings, but also an implication in the organization of the 4th conference of the AEB in Mali.
- At the level of the pillars. The pillars have created a synergy within them which allows their involvement in all the activities carried out within them. Real-time information is shared and observations are made by the CLO.

As part of the organization of the 4th conference actions were carried out.

- Meeting with the Ministry of Agriculture for the political portage of the 4th conference file
- Meeting with the Director of Helvétas Swiss Intercoopération(HIS) for technical and financial support
- Meeting with the Swiss Agency for Development and Cooperation for these strategic advices
- In terms of resource mobilization, contacts with partners in the AEB cause have been established (HSI, AVF, **Green Elephant**, SG 2000, ministries of agriculture, mining, education higher and scientific research ...)

At the end of these various meetings, amendments were made to the proposals made by the platform. And also promises of support were given but not all were held

The conference was held on the date indicated (4 and 5) in Bamako with more than 150 participants

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### III. The big challenges to take up

The absence of a national strategic plan. It remains important to realize it with all the actors. This document aims to update the vision, missions, objectives, activities and timelines. Thus, around this plan, we will be able to bring together the strategic actors to support the wider platform process, modeled on the AEB Continental Steering Committee. With this document, Mali can launch a process for the implementation of the activities of this plan

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Organizational: In Mali, there is a need to focus on the organization of the organic sector because in some regions, the AEB is very poorly organized and poses the problem of synergy to get the best benefit.

- ✓ Institutional: the strategic positioning of producer organizations must be supported by the authorities for better integration of activities and a political transfer of the AEB file
- ✓ Identification of cultivated areas: It is still difficult to give the organic agricultural area cultivated even less on the number of organic producers or processors in Mali. However, it should be noted that the identification of certain actors and their grouping by sector of activity gives a new impetus to the AEB in Mali.
- ✓ A reorganization of the national platform is imperative to strengthen the national dynamic.
- ✓ At the level of the LOC, the emphasis should be on reinforcing the pillars, especially pillars 2 and 3
- ✓ We believe that in order to stimulate organic production and to encourage producer organizations, the authorities must take into account the concerns of these POs with the greatest commitment and conviction
- ✓ The integration of AEB modules in university programs must take some time to make it a reality in a short time
- ✓ Registration of AEBs in school curricula (Opening of AEB masters and substantial support for training)
- ✓ Better information of the AEB to stakeholders in order to give them knowledge on the advantages and disadvantages of the organic sector;
- ✓ Training stakeholder training on the importance of the value chain in the AEB;
- ✓ Stakeholder training on pest recognition, control techniques, recommended pesticides and utilization rates;
- ✓ Training on the production and use of organic manure in the AEB;
- ✓ Stakeholder orientation towards potential organic markets.
- ✓ Motivation of the people carrying out the implementation of the AEB at the level of the pillars
- ✓ Coverage of all the national territory

- ✓ Wide dissemination to academics in Bamako (conferences and training workshops)
- ✓ Annual institutionalization of the workshops - multi-stakeholder exhibition at the IPR level
- ✓ Strengthen AEB activities at the level of farmers and fish farmers
- ✓ Open Master's Degrees and Masters in AEB and substantial support for training
- ✓ Mobilization of resources to carry out large-scale activities (national)

## **IV. CONCLUSION AND PERSPECTIVES**

- ✓ The evolution of the AEB in Mali gives a growth of the organic agriculture thanks to its positioning in Mali with perceptible indices as much in the production as in the consumption.
- ✓ It is still difficult to decide on the organic agricultural area cultivated even less on the number of organic producers or processors in Mali. However, it should be noted that the identification of certain actors and their grouping by sector of activity gives a new impetus to the AEB in Mali.
- ✓ We note with interest consumer awareness to meet the challenge of AEB (health, food and environment)
- ✓ A desire for synergy to go in a tight row to meet the challenge of the AEB  
The participation of IPR / IFRA students from Katibougou for the dissemination of information on AEB.
- ✓ It is established that organic business promoters are also key players in the AEB
- ✓ Many planned activities were implemented during the 2017 campaign. The encouraging results were achieved. We felt a craze for producers to practice this mode of production.
- ✓ In the region of Mopti, we found a bad organization of the organic sector, seed problems adapted to the different zones (varieties of rice, sorghum and millet), the lack of market for organic products in the Mopti area (even for market gardening), the lack of knowledge of the role of the different actors in the value chain, the difficulties of access to organic manure, the difficulties of women's access to fertile land and agricultural equipment, the lack of knowledge about insects and parasites. .
- ✓ In perspective, training activities will be strengthened in the region of Mopti. We will begin to intervene in the Kayes region
- ✓ If in 2016 it was difficult to pronounce on the statics of the AEB in Mali, today we confirm the availability of statistical information on the activities of the AEB in Mali through the existence of directory. This progression must be supported so that the objectives of the project can be achieved. For this, actors



as well as technical and financial partners must redouble their efforts to reinforce these achievements.

- ✓ In perspective, activities as well as reflections must be supported to give a better result to the project for the final evaluation. It is :
- ✓ Evaluate the impact of the training sessions on the behavior of the various actors trained,
- ✓ Initiate and further involve the authorities in the activities of the AEB,
- ✓ Implement and restore the recommendations of the 4th International Conference on AEB to stakeholders, ie political and social administrative authorities, to undertake strategies to institutionalize AEB in Mali,
- ✓ Ensure production in quantity and quality of organic products,
- ✓ Inform and communicate about the benefits of AEB
- ✓ Access products and data from organic farming in Mali.
- ✓