



Investing in rural people

## 2019 Consolidated Technical Report

**Reporting Period:** 19 February 2019 to 31 March 2019

**Name of Project:** Youth Employment in Agri-business and Sustainable Agriculture

**Recipient Organization:** Afe Babalola University

**GRIPS ID:** 2000001336

---



## Table of Contents

| Content   | Page |
|---|------|
| Table of Contents .....   | 2    |
| List of acronyms .....  | 4    |
| Background .....  | 5    |
| Review of progress and performance by project component.....  | 7    |
| Component 1: Conduct project inception and annual planning workshops.....   | 7    |
| Component 2: Development of Youths' Managerial technical, business, entrepreneurial, and life skills .....  | 11   |
| Component 3: Training in agricultural production operations .....   | 18   |
| Component 4: Training in value addition in crops transformation .....   | 21   |
| Component 5: Development of agribusiness plans for ten selected commodities specifically soybean/cowpea, maize, plantain, mango, cassava, rice, moringa, fish, and agriculture-machinery fabrications. .... | 23   |
| Component 6: Development / modification / upgrading of infrastructural for an efficient leaning environment. ....   | 25   |
| Component 7: Performance monitoring of training progress and agribusiness using emerging and innovative performance monitoring methodologies. ....  | 28   |
| Component 8: Financing agribusinesses of trained Youth through grants.....  | 30   |
| Implementation arrangements.....  | 35   |
| <i>Fund Recipient</i> .....   | 35   |
| <i>Project management</i> .....   | 35   |
| <i>Implementation partners and implementation agreements</i> .....  | 35   |
| <i>Implementation period and indicative workplan</i> .....  | 37   |
| Innovation.....   | 38   |
| <i>Recruitment and Selection of Youths for Training</i> .....   | 38   |
| <i>Monitoring of Grant Awards</i> .....   | 38   |
| <i>Knowledge management</i> .....   | 38   |
| <i>Scaling up and sustainability</i> .....  | 39   |
| <i>Monitoring and evaluation</i> .....  | 39   |
| Financial and fiduciary management .....  | 42   |
| Conclusions and recommendations for follow up .....   | 43   |
| Annexes/Appendices .....  | 44   |
| Annex 1: Trained participants in Nigeria. ....  | 44   |
| Annex 2: Trained participants in Benin Republic. ....   | 49   |
| Annex 3: Internship Logbook. ....   | 50   |
| Annex 4: Baseline and training evaluation questionnaire. ....   | 51   |

|  |    |
|--|----|
| Annex 5: Program of first work planning and implementation meeting .....       | 52 |
| Annex 6: Picture gallery of the Project inception workshop .....               | 53 |
| Annex 7: Program of 2019 project progress review and 2020 workplan workshop... | 55 |
| Annex 8: Picture gallery of youth training in Nigeria and Benin Republic.....  | 57 |

## List of acronyms

|            |  |
|------------|--|
| ABUAD      | Afe Babalola University Ado-Ekiti                            |
| AfDB       | African Development Bank                                     |
| AfricaRice | Africa Rice Center   |
| BIP        | Business Incubation Platform                                 |
| CBN        | Central Bank of Nigeria                                      |
| CBR` `     | Cost Benefit Ratio   |
| EDC        | Enterprise Development Centre                                |
| GAP        | Good Agricultural Practices                                  |
| IFAD       | International Fund for Agricultural Development              |
| IITA       | International Institute of Tropical Agriculture              |
| IYA        | IITA Youth Agripreneurs                                      |
| NGO        | Nongovernmental Organization                                 |
| TAAT       | Technologies for African Agricultural Transformation         |
| ToT        | Training of Trainers   |
| YAGL       | Youth Agripreneurship Global Limited                         |
| YEASA      | Youth Employment in Agribusiness and Sustainable Agriculture |



## Background

### (i) **Recipient organization**

Afe Babalola University Ado-Ekiti (ABUAD).

### (ii) **Grant goal, objectives, target groups and components**

#### *Grant goal:*

To improve rural livelihoods of youths through agriculture and agriculture-based enterprises.

#### *Objectives:*

To train youths for enhanced technical, business entrepreneurial, financial and life skills for increased incomes and creation of employment opportunities.

#### *Direct beneficiaries target groups:*

Over one thousand (1,000) unemployed rural youth with at least secondary education; six hundred fifty (650) from Nigeria and three hundred fifty (350) from Benin.

To avoid elite capture, ABUAD used a set of selection criteria including: (a) unemployment status, (b) age 18 to 35 years old, (c) living in rural areas; (d) received secondary education for at least eighty per cent (80%) of the participants; (e) belonging to vulnerable social groups for 10% of the participants (proven family income below subsistence threshold, belonging to ethnic or religious minorities, being an orphan); and (f) at least forty-five per cent (45%) of the participants should be women.

#### *Indirect Beneficiaries:*

A total of one thousand (1000) unemployed youths are targeted in the rural areas of Nigeria and Benin through rural and urban agribusiness enterprises and processors that will employ over five hundred (500) trained youths and through the establishment of over two hundred (200) to five hundred (500) new rural agribusiness enterprises employing 1-2 other additional Youths.

#### *Components:*

The project has the following components and activities.

#### *Component 1: Conduct project inception and annual planning workshops*

Activity 1.1: Output of project inception workshop

Activity 1.2: Output of annual review and planning workshops

#### *Component 2: Development of Youths' Managerial technical, business, entrepreneurial, and life skills*

Activity 2.1. Training needs assessment

Activity 2.2. Development/ updating of Training manuals

Activity 2.3. Small business management training.

Activity 2.4. Development of three agribusiness training modules, commodity production module, value addition module and agribusiness development module

Activity 2.5. Life skills training; personal interaction and negotiation in the marketplace, selling and business administration

Activity 2.6. Complementary training in information including Information communications technology (ICT) and vocational skills.

Activity 2.7. Certification of trainees after training by ABUAD

## Activity 2.8. Trainee industrial attachment

### *Component 3: Training in agricultural production operations*

Activity 3.1. Training in Overall farm management with specific focus on on-farm production of each of the 10 commodities selected

Activity 3.2. Quality control during production, Post-harvest handling/selection, washing, and packaging/transport/storage

Activity 3.3. Pricing of farm produce for the market

Activity 3.4. Safe and efficient use of pesticides

Activity 3.5. Soil fertility management

Activity 3.6. Efficient water use at farm level including irrigation

### Component 4: Training in value addition in crops transformation

*Activity 4.1 Training in technical skills and knowledge in processing farm produce.*

Activity 4.2 Training in marketing and sales skills

*Activity 4.3 Training in integration of producers and youth entrepreneur processors in the agro-food value chains*

*Component 5: Development of agribusiness plans for ten selected commodities specifically leafy vegetable, soybean / cowpea, maize, plantain, mango, cassava, rice, moringa, fish, and agriculture-machinery fabrications (items in bold are for IITA).*

Activity 5.1. Market intelligence gathering on both production and value additions for selected agricultural commodities

Activity 5.2. Development of value addition agribusiness plans

Activity 5.3. Development of agri-businesses plans for commodities.

Activity 5.4. Development of business plans on farm implement fabrication/modification for youth.

*Component 6: Development / modification / upgrading of infrastructural for an efficient leaning environment.*

Activity 6.1. Inventory of agribusiness processing facilities/equipment in IITA, ABUAD and AfricaRice, and assessment of their suitability the project needs.

Activity 6.2. Expansion/Modification/upgrading of existing facility/equipment for commodity production and value addition

Activity 6.3. Expansion/Modification/upgrading of existing infrastructure/facility for fabrication of equipment

*Component 7: Performance monitoring of training progress and agribusiness using emerging and innovative performance monitoring methodologies.*

Activity 7.1. Selection of innovative performance monitoring methodologies to assess business performance

Activity 7.2. Training youth as beneficiaries, collaborators and leaders in performance monitoring and collation and submission of information

Activity 7.3. Youth as partners providing information on their training progress

Activity 7.4. Youth providing information in experiences and progress on employment progress

Activity 7.5. TOTs proving information on their achievements

Activity 7.6. Performance monitoring of Enterprises in terms of employment, revenue, profits joint businesses managed by trained youth.

Activity 7.7. Monitoring evolution of youth from beneficiaries to collaborators and

leaders.

Activity 7.8. Assessing and refining programme strategies and delivery.

*Component 8: Financing agribusinesses of trained Youth through grants.*

Activity 8.1. Awarding grants.

Activity 8.2. Monitoring Grant investments under implementation.

Activity 8.3. Youth mentorship programme.

(iii) *Approval, effectiveness and expected closing dates.*

*Target countries:*

The Project focus on the Federal Republic of Nigeria and the Republic of Benin.

*Approval date:*

1 November 2018

*Effectiveness date:*

19 February 2019

*Expected closing dates:*

The project completion date is 31 March 2022.

The grant closing date is 30 September 2022.

(iv) *Value approved and value disbursed.*

*Value approved:*

Two million United States Dollars (USD 2,000,000) Grant.

*Value disbursed:*

Four hundred and thirty-eight thousand United States Dollars (USD 438,000) Grant.

## **Review of progress and performance by project component**

### **Component 1: Conduct project inception and annual planning workshops**

***Activity 1.1: Output of project inception workshop and first work planning and implementation meeting.***

#### ***First work planning and implementation meeting***

The first work planning and implementation meeting which was hosted by IITA-Ibadan took place between 23-26 June 2019. Twenty-three Project partners' members (IITA, ABUAD, AfricaRice and University of Abomey-Calavi) came together during this period to have common knowledge of the project and to setup modalities for project implementation (Tables 1 and 2; Figure 1).

The following objectives were achieved during the meeting.

1. Project overview and action plan reviewed.
2. Terms of the project partnership (collaboration modalities and sub-agreements) agreed.
3. Startup plan on implementation arrangement finalized.

4. Agreed on coordinated start-up work plan for all components for 2019.
5. Agreed on 2019 operations work plan and budgets, procurement plans.
6. Agreed on timely 2019 Technical, Financial and Audit Reports.
7. Agreed on timely progress report on technical and knowledge management achievements.

**Table 1.** The project target ten enterprises approved by IFAD.

| S/N | Partners   | Production and Value Addition  |
|-----|------------|--|
| 1   | ABUAD      | 1. Moringa enterprise<br>2. Mango enterprise<br>3. Fish enterprise<br>4. Equipment fabrication enterprise            |
| 2   | IITA       | 1. Soybean/cowpea enterprise<br>2. Maize enterprise<br>3. Plantain enterprise<br>4. Equipment fabrication enterprise |
| 3   | AfricaRice | 1. Rice enterprise<br>2. Equipment fabrication enterprise  |

**Table 2.** Twenty-three project partners attended.

| ORGANIZATION | NAME                          | DESIGNATION   |
|--------------|-------------------------------|---|
| ABUAD        | Prof. Onasanya Amos           | Project manager                                     |
|              | Prof. Utulu Stephen           | Training surveillance and project compliant expert. |
|              | Prof. Okiki Pius Abimbola     | Training surveillance and project compliant expert  |
|              | Mr. Oludayo Emmanuel Onasanya | M&E and Data manager expert                         |
|              | Mr. Abidemi Nurudeen Akinloye | Accounts and administrative assistant               |
|              | Mr. Asubiojo Abayomi Olusesan | Project accountant                                  |
|              | Dr. Obafemi Tajudeen Olabisi  | Agribusiness and training linkage officer           |
| AfricaRice   | Dr. Adewale Olusola Bolaji    | Agribusiness and training linkage officer           |
|              | Dr. Francis Nwile             | Regional representative & Rice value chain expert   |
|              | Mr. Afeez Shittu              | Seed expert   |
|              | Mr. Adebayo Kehinde           | Research Technician                                 |
| IITA         | Ms Jessica Umekwe             | Rice- based product specialist                      |
|              | Dr Kenton Dashiell            | Deputy Director General- Partnership for delivery   |
|              | Ms Oluyemi Adunoye            | Project coordinator                                 |
|              | Mr Adesanya Tomiwa            | Communication officer                               |
|              | Ms Eniola Olanrewaju          | ICT Officer   |
|              | Ms Adenmosun Adetola          | Youth in Agribusiness office                        |
|              | Mr Osun Idowu                 | Business development officer                        |
|              | Mr Ismail Mustapha            | Monitoring and evaluation officer                   |
|              | Mr Kayode Awobajo             | Project resource manager                            |
|              | Mr Adebayo Solomon            | Monitoring and evaluation manager                   |
|              | Ms Babalola Elizabeth         | Monitoring and Evaluation officer                   |
|              | Mr Oyeniyi Oyelekan           | Finance and administrative officer                  |



**Figure 1.** Some of the meeting sessions.

### ***The Project inception workshop***

The Project Inception Workshop which was hosted by ABUAD took place between 30<sup>th</sup> June and 3<sup>rd</sup> July 2019. Forty-one Project partners' members (IFAD, IITA, ABUAD, AfricaRice and University of Abomey-Calavi) came together during this period to have common knowledge of the project and to setup modalities for project implementation (Table 5; Figure 4). IFAD team's participation was very important to further inform the project partners about always following IFAD rules and guidelines at every stages of the project implementation as well as signed project agreement.

The following objectives were achieved during the meeting.

1. Agreed on overview of IFAD project life cycle: Informed on documentation to be submitted at each stage of the cycle.
2. Agreed on annual Work Plan and Budgets Procurement Plans compliant with IFAD guidelines.
3. Agreed on withdrawal Applications and Statement of Expenditures: Obtain timely disbursements.
4. Agreed on financial and project Audit Reports: Complied with the new IFAD requirements.
5. Agreed on progress Report on technical and knowledge management achievements: Allow straightforward performance monitoring.
6. Agreed on project overview and action plan: A detailed start-up work plan presented to emphasize implementation arrangement and operations work plan.
7. Agreed on terms of the project partnership (collaboration and sub-agreements modalities).

**Table 3.** List of project partners' members Attended.

| <b>Partnership</b>        | <b>Name</b>                    | <b>Institution/Title</b>   |
|---------------------------|--------------------------------|--|
| IFAD                      | Dr. Malu Ndavi                 | IFAD   |
|                           | Vivian Filippi                 | IFAD   |
| IITA                      | Dr. Kenton Dashiel             | IITA DDG Partnership for Delivery  |
|                           | Adesanya Omotomiwa             |  |
|                           | Olanrewaju Olamide             | IITA Project Communication Officer   |
|                           | Adenoye Oluyemi                | IITA Project Coordinator   |
|                           | Apapa Adewale                  |  |
|                           | Shodehinde Ibukun              | IITA Personnel Officer   |
|                           | Awobajo Kayode                 | IITA Project Resource Manager, Project Development and Administration Unit |
|                           | Olaobaju Kemi                  | Executive Secretary to IITA DDG Partnership for Delivery                   |
| AfricaRice                | Dr. Nwilene Francis            | AfricaRice Country Representative, Nigeria/ Project Coordinator            |
|                           | Jessica Umekwe                 | Food Nutritionist  |
|                           | Shittu Olaniyi                 | Rice Seed System Expert  |
|                           | Williams Seyi                  | Administrator, AfricaRice Country Office, Nigeria                          |
| ABUAD                     | Aare Afe Babalola              | Founder and President of ABUAD   |
|                           | Yeye Aare Modupe Babalola      | Wife of the Founder  |
|                           | Professor Sylvester Ojo        | Acting Vice-Chancellor   |
|                           | Lady Christie Oluborode        | University Registrar   |
|                           | Pastor Modupe Babalola         | University Bursar  |
|                           | Roselyn Subair                 | University Librarian   |
|                           | Professor Adekunle Kunle-Olowu | Provost, College of Postgraduate Studies                                   |
|                           | Professor Abiodun Ojo          | Provost, College of Sciences   |
|                           | Professor Rotimi Sanya         | Provost, College of Medicine and Health Sciences                           |
|                           | Dr Adeyinka Adeoye             | Director of Projects   |
|                           | Deacon Adebayo Ogundipe        | Director of Information and Communications Technology                      |
| ABUAD IFAD Project Office | Professor Amos Onasanya        | Project Manager, YEASA IFAD Project  |
|                           | Emmanuel Oludayo               | Monitoring and Evaluation, Data and Communications                         |

|                                     |                              |   |
|-------------------------------------|------------------------------|---|
|                                     |                              | Expert  |
|                                     | Akinloye Nurudeen            | Accounts and Administrative Assistant               |
|                                     | Adebayo Alice Yemi           | Office Hygiene Officer                              |
|                                     | Adeyale Busayo Isaac         | Office Receptionist                                 |
| ABUAD Staff-time IFAD Project Staff | Professor Israel Orubuloye   | Project Advisor                                     |
|                                     | Prof. Stephen Utulu          | Training Surveillance and Project Compliance Expert |
|                                     | Prof. Okiki Pius Abimbola    | Training Surveillance and Project Compliance Expert |
|                                     | Dr. Obafemi Tajudeen Olabisi | Project Training and Linkage Expert                 |
|                                     | Dr. Adewale Olusola Bolaji   | Project Training and Linkage Expert                 |
|                                     | Asubiojo Abayomi Olusesan    | Project Accountant                                  |
|                                     | Adekola Abdul-Wasiu          | Mango Agribusiness Training Officer                 |
|                                     | Ola James                    | Moringa Agribusiness Training Officer               |
|                                     | Sanni A                      | Fishery Agribusiness Training Officer               |
|                                     | Engr. Akinlosola David O.    | Agric-Machinery Fabrication Training Officer        |
|                                     | Adejori Abiodun              | Nutritionist/Lab. Technician                        |



**Figure 2.** Project inception workshop sessions photos.

### **2019 project progress review and 2020 workplan workshop**

The 2019 Project Progress Review and 2020 Workplan Workshop which was hosted by IITA-Ibadan took place between 18-20 December 2019. Ten Project partners' members (IITA, ABUAD, AfricaRice and University of Abomey-Calavi) came together during this period to review 2019 project target results obtained, to setup modalities for 2019 project reporting and to have common knowledge of the 2020 project budget workplan, activities and implementation arrangement (Table 4; Figure 3).

The following objectives were achieved during the workshop.

1. Reviewed 2019 project activities conducted and results against the action plan
2. Completed a guide to produce draft of 2019 Project Annual and Technical Report, and Financial Report
3. Finalized 2020 work plan and implementation arrangement
4. Agreed on coordinated work plan for all components and activities for year 2020
5. Agreed on 2020 operations budgets and procurement plans
6. Agreed on timely 2020 Midterm Progress and Technical Report and Financial and Audit Reports
7. Agreed on timely progress report on Midterm knowledge management achievements

**Table 4.** List of project partners' members attended.

| NAME                          | DESIGNATION                 | ORGANIZATION |
|-------------------------------|-----------------------------|--------------|
| Prof. Onasanya Amos           | Project manager             | ABUAD        |
| Mr. Oludayo Emmanuel Onasanya | M&E and Data manager expert |              |
| Mr. Asubiojo Abayomi Olusesan | Project accountant          |              |



|                              |   |                             |
|------------------------------|---|-----------------------------|
| Dr. Obafemi Tajudeen Olabisi | Agribusiness and training linkage officer         |                             |
| Dr. Francis Nwilene          | Regional representative & Rice value chain expert | AfricaRice                  |
| Ms Oluyemi Adunoye           | Project coordinator                               | IITA                        |
| Mr Adesanya Tomiwa           | Communication officer                             |                             |
| Ms Eniola Olanrewaju         | ICT Officer                                       |                             |
| Mr Osun Idowu                | Business development officer                      |                             |
| Dr. Marcel Hounbedji         | Assistant Project coordinator                     | University of Abomey-Calavi |



**Figure 3.** Some of the meeting sessions photos.

## **Component 2: Development of Youths' Managerial technical, business, entrepreneurial, and life skills**

### **Activity 2.1. Training needs assessment**

To meet the capacity building objectives, training need assessment was carried out to determine the required technical, entrepreneurial, and soft skills. The skills were identified through a thorough reflection of the core competencies of successful youths who have been trained by IITA, AfricaRice and ABUAD and are managing profitable agribusiness enterprises along the project value chain. Further identification of the skills was through exhaustive screening of the AfricaRice, IITA and ABUAD competent technical staff and trained experts currently managing profitable agribusiness enterprises along the project value chain. The entrepreneurial skills identified were; entrepreneurial competencies, record keeping, marketing plan development, credit management, and business plan development. Additional complementary skills which are also relevant to business management were included in the training program such as business communication, networking, emotional intelligence, gender and cultural sensitivity, leadership and management, interpersonal skills, and time management (Tables 5 and 6).

In order to make youth have direct online access to project information and training application, the Project official webpage ([www.yeasa.org](http://www.yeasa.org)) and youth online training application platform were developed by the three project partners (ABUAD, IITA and AfricaRice). The webpage and the online training application platform developed have both French and English versions to cover Nigeria (English speaking) and Benin Republic (French speaking) readers and training applicants (Figure 4).

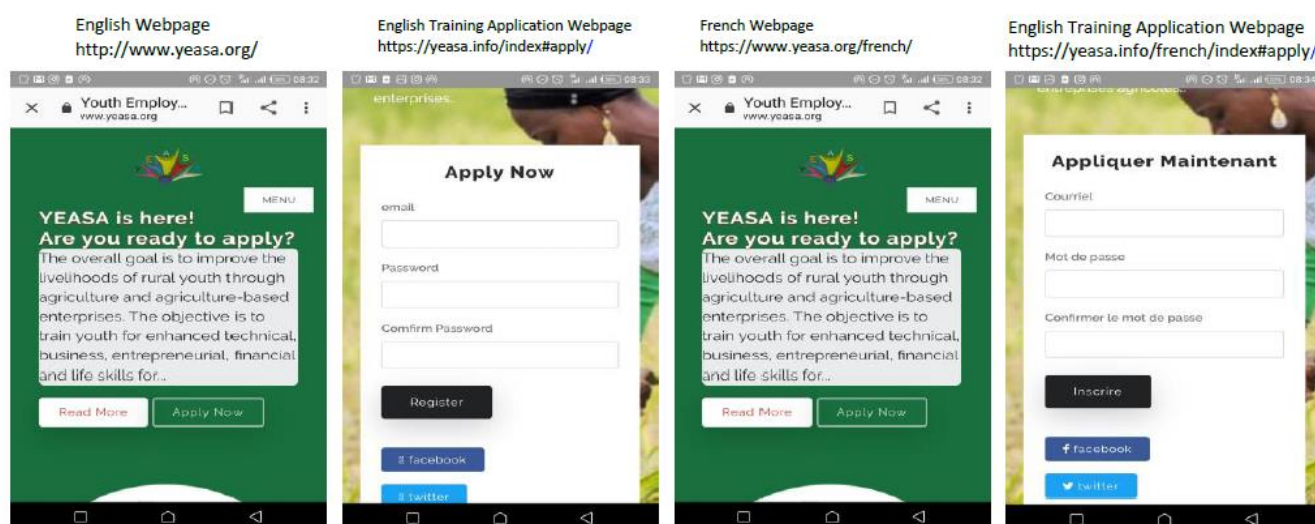
**Table 5.** Result of training needs assessment along the project value chain.

| <b>Skills</b> | <b>Modules facilitated</b> |
|---------------|----------------------------|
|---------------|----------------------------|

|                        |   |
|------------------------|---|
| Technical skills       | Introduction to variety types; Land selection, preparation and planting techniques; Field maintenance and harvesting techniques; Postharvest handling, storage and packaging; Commercialization potential; Soil fertility testing and management. |
| Entrepreneurial skills | Introduction to entrepreneurship; Mind-set reorientation; Credit management; Record keeping; Market development and plan; Business plan development   |
| Soft skills            | Communication; Networking; Emotional intelligence; Leadership & management; Interpersonal skills; Time management; Gender and cultural sensitivity  |

**Table 6.** Technical skills training needs assessment for rice value chain.

| Skills           | Modules facilitated   |
|------------------|---|
| Technical skills | <b>Module 1: Description and importance of quality seed</b><br>Importance of Seed; Requirement for Rice seed production; Rice Ecology (rice production system); Physical Requirement for Rice seed production; Rice Seed Quality; Benefit in Planting Quality Seed; Characteristics of Poor Seed Quality; Seed Purity; Characteristics of Good Quality Seed; Good Seed handling Environment; Key Steps for Good Seed Production; Factors Affecting Seed Quality; Sources of Seed; Classes of Seed |
|                  | <b>Module 2: Seed Health</b><br>Seed Health; Disease Development; Importance of Seed Health; Seed Health Management; Field Seed Health Management; Post-Harvest; Assessment of Seed Health; Seed Testing; Importance of Seed Test   |
|                  | <b>Module 3: Developmental Stages in Rice Seed Production</b><br>Developmental Stages and Basis for Quality seed; Seed Development; Growth Stages; Vegetative Phase; Reproductive Phase; Ripening Phase   |
|                  | <b>Module 4: Field Practices in the Production of Quality Seed</b><br>Site Selection; Factors for Land Selection; Nursery Bed Establishment; Land Preparation; Transplanting  |
|                  | <b>Module 5: Field and Pest Management for Seed Production</b><br>Water Management; Benefit of Water Management; Nutrient Management; Weed Management; Pest and Disease Management – Management Options for Rice Insect (Integrated Pest Management)  |
|                  | <b>Module 6: Varietal Quality Maintenance and Practice</b><br>Varietal Maintenance; Seed Quality Attributes (Physical, Physiological, Genetics); Off-types; Requirements for Seed Certification   |
|                  | <b>Module 7: Harvest and Post-Harvest Processes in Seed Production</b><br>Harvesting; Factors that Determines Harvesting Processes; Harvesting Methods; Tips for Optimizing Harvesting; Threshing; Steps to undertake during Threshing Exercise; Losses During Threshing; Seed Drying Methods; Drying Facilities; Cleaning and Winnowing; Cleaning Process  |
|                  | <b>Module 8: Rice seed Storage</b><br>Purpose of Storage; Pre-conditions for Storage; Storage Systems; Seed Packaging and labelling; Storage hygiene; Seed Deterioration  |

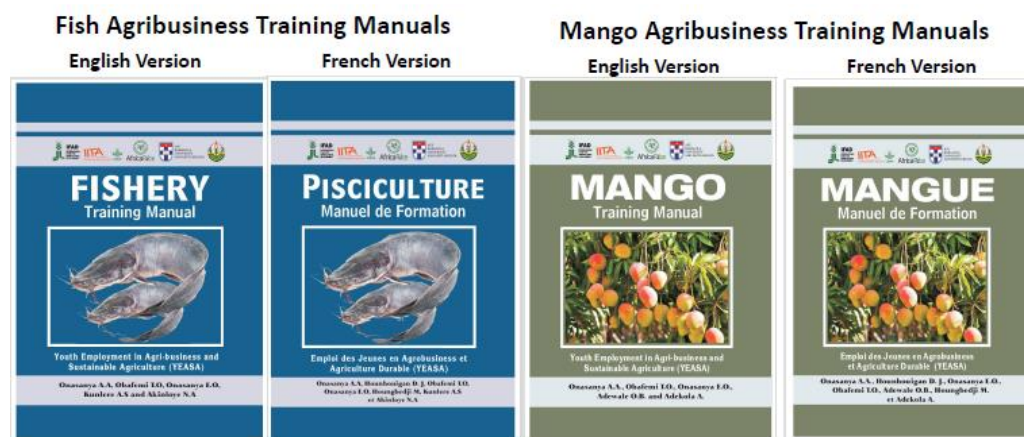


**Figure 4.** Project Official Webpage and Youth Online Training Application Platform Developed.



## Activity 2.2. Development/ updating of Training manuals

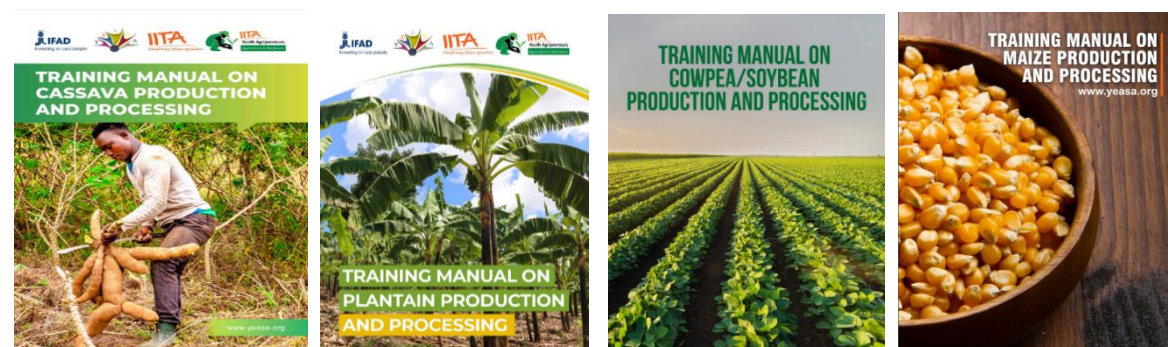
Training materials were developed by scientists from IITA, AfricaRice, ABUAD and University of Abomey-Calavi, technical experts and consultants to capture all training modules on production technologies and value additions for soybean/cowpea, maize, plantain, mango, cassava, rice, moringa, fish, and agric-machinery fabrications based on the technical, entrepreneurial, and soft skills identified (Figures 5, 6, 7 and 8). The training materials are available in electronic copies and hard copies.



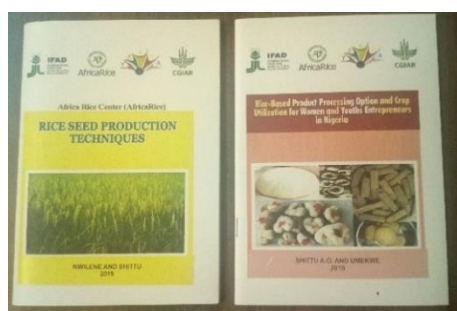
**Figure 5.** Fish and Mango Agribusiness Training Manuals.



**Figure 6.** Moringa and Agri-Fabrication and Mechanization Agribusiness Training Manuals.



**Figure 7.** Cassava, Plantain, Cowpea/Soybean and Maize Agribusiness Training Manuals.



**Figure 8.** Rice Seed Production Technologies and Rice-based Product Value Addition Agribusiness Training Manuals.

### ***Activity 2.3. Small business management training.***

Three hundred and fifty-one (351) youths went through small business management training. The small business management training was part of the entrepreneurial skills training facilitated. The trained youths acquired skills in operational and management of business and technical skills to develop commercial products, services, business planning and organisation. Additional skills acquired by the trained youths include, transferable skills - business and entrepreneurship skills (market research and analysis, preparation of business plans and apprenticeship), financial literacy and capability (money management, cost and revenue projections, financial management, and basic accounting) and bank literacy (use of financial services), employability and "soft" skills - job search and networking, communication, customer relations and leadership, and life skills - cognitive skills for analysis and use of information, personal skills for managing oneself, and inter-personal skills for communicating and interacting effectively with others.

### ***Activity 2.4. Development of three agribusiness training modules, commodity production module, value addition module and agribusiness development module.***

The modules developed were in respect to the value chain enterprises identified and facilitated as part of the training program (Table 7).

**Table 7.** Commodity production module, value addition module and agribusiness development module.

| <b>Value chain</b> | <b>Production module (Producer)</b>        | <b>Value addition module (Processor)</b> | <b>Marketing and sales module</b>                           |
|--------------------|--|--|---|
| Cassava            | Stem multiplication, Root production       | Gari, fufu, Flour, Tapioca               | Producer, processor, and integrated producer and processor. |
| Maize              | Grain and seed production                  | Custard, pap, semovita                   | Producer, processor, and integrated producer and processor. |
| Plantain           | Sucker Multiplication and fruit production | Chips and flour                          | Producer, processor, and integrated producer and processor. |
| Cowpea             | Grain and seed production                  | Tidbits and flour                        | Producer, processor, and integrated producer and processor. |
| Soybean            | Grain and seed                             | Soymilk                                  | Producer, processor, and                                    |

|                  |  |  |   |
|------------------|--|--|---|
|                  | production   |  | integrated producer and processor.                          |
| Rice             | Seed and paddy production  | Production of rice flour, rice cocktail bits, rice tread, rice chin-chin, rice biscuit, rice sweetened ginger biscuit, rice cocoa biscuits, rice short bread, rice butter cookies, rice coconut biscuit, rice cake, cupcakes, rice milk, rice short crust pastry, rice eggrolls, buns and rice pancakes. | Producer, processor, and integrated producer and processor. |
| Fish             | Fingerlings and cat-fish production  | Production of smoked fish, fish oil, fish oil capsule, fish feeds and livestock feeds.   | Producer, processor, and integrated producer and processor. |
| Mango            | Mango fruit production   | Production of mango fruit pulp, Mango fruit juice, Mango fruit chips,  | Producer, processor, and integrated producer and processor. |
| Moringa          | Leaf and seed production   | Production of moringa powder, moringa capsule, moringa soap, moringa toothpaste, moringa seeds, moringa oil, moringa cream, and moringa tea  | Producer, processor, and integrated producer and processor. |
| Agri-fabrication | Cutting, construction and welding skills, modification of motorized farm equipment as part of farm mechanization to improve crop production efficiency | Cutting, construction and welding skills, construction value addition equipment to improve processing and production efficiency of fish, mango, moringa cassava, maize, cowpea/soybean value additions.  | Producer, processor, and integrated producer and processor. |

### **Activity 2.5. Life skills training; personal interaction and negotiation in the marketplace, selling and business administration**

Three hundred and fifty-one (351) youths went through the life skills training (Table 8).

**Table 8.** Life skills training.

| <b>Modules</b>                  | <b>Learning Outcomes</b>   |
|---------------------------------|--|
| Emotional Intelligence          | At the end of the training, the participants were able to; <ul style="list-style-type: none"> <li>• Understand and explain the concept of emotional intelligence.</li> <li>• Apply the concept of emotional intelligence to real life cases.</li> <li>• Know the importance of emotional intelligence in their personal lives and businesses.</li> <li>• Describe the negative implication of poor emotional intelligence.</li> <li>• Know how to build their emotional intelligence.</li> <li>• Manage the emotions of employees and partners.</li> </ul> |
| Leadership and Management       | At the end of the training, the participants were able to; <ul style="list-style-type: none"> <li>• Understand the concept of leadership and management.</li> <li>• Apply the concept of leadership and management.</li> <li>• Know the importance of personal leadership in leading others and building teams.</li> <li>• Understand the attributes of a good leader.</li> <li>• Know the different leadership styles and implications</li> <li>• Know how to effectively delegate and manage personnel.</li> </ul>                                       |
| Gender and Cultural sensitivity | At the end of the training, the participants were able to; <ul style="list-style-type: none"> <li>• Understand the concept of gender and culture and its application to agriculture and agribusiness.</li> <li>• Relate gender and cultural issues to personal and business relationships.</li> <li>• Promote gender and cultural appropriateness through well-coordinated action.</li> </ul>  |
| Networking                      | At the end of the training, the participants were able to; <ul style="list-style-type: none"> <li>• Describe what networking is.</li> <li>• Understand the role of personal brand in networking.</li> <li>• Understand the main purpose of networking.</li> <li>• Develop an effective networking plan.</li> <li>• Understand the various types of networking.</li> <li>• Network successfully.</li> </ul>   |
| Communication                   | At the end of the training, the participants were able to; <ul style="list-style-type: none"> <li>• Differentiate between communication channels and apply to real life scenarios.</li> <li>• Understand the importance of effective communication.</li> <li>• Design a basic communication plan.</li> <li>• Manage the flow of information in an organization.</li> </ul>   |
| Interpersonal skills            | At the end of the training, the participants were able to;   |

|                 |   |
|-----------------|---|
|                 | <ul style="list-style-type: none"> <li>• Know how to use persuasion skills for negotiation and partnership management.</li> <li>• Understand the art of persuasion.</li> <li>• Determine when to use persuasion skills to personal and business advantage.</li> <li>• Listen effectively for comprehension and understanding.</li> <li>• Know the importance of effective listening.</li> <li>• Know the importance of feedback as it relates to communication and knowledge management.</li> <li>• Understand the feedback process and effective feedback techniques.</li> </ul> |
| Time management | <p>At the end of the training, the participants were able to;</p> <ul style="list-style-type: none"> <li>• Know the importance of effective time management.</li> <li>• Make use of simple effective time management tools.</li> <li>• Understand the principles of time management.</li> <li>• Apply time management tools in leadership and management of one's self and others.</li> </ul>   |

### **Activity 2.6. Complementary training in information including Information communications technology (ICT) and vocational skills.**

Three hundred and fifty-one (351) youths went through the Complementary training in information including Information communications technology (ICT) and vocational skills. The program on Information Communication Technology (ICT), guides the trainees through the process of learning the business fundamentals of a small business including developing marketing strategies and managing the business for success. All the trained youth learnt about legal issues, ethical standards, vital selling skills, networking and customer service. Furthermore, they learnt how to operate a small business, market their product/service, and manage people including real-life experience general knowledge and awareness of significant issues in the workplace and in the trainee's professional development.

### **Activity 2.7. Certification of trainees after training by ABUAD**

Three hundred and fifty-one (351) youths were trained, of which 298 of them were trained in Nigeria and 53 in Republic of Benin. At the end of the training program, all the trained youths received a certificate of achievement in Agribusiness Enterprise. ABUAD was responsible for producing all the Training Certificates used in Nigeria and Benin Republic. All the training certificates were produced both in French and English version for trained youths both from Benin Republic and Nigeria respectively (Figure 9).



**Figure 9.** Samples of French and English versions of training certificate developed.

### **Activity 2.8. Trainee industrial attachment**

At the end of each classroom training and field practical knowledge development sessions, the youths were attached to different business units within IITA, AfricaRice, ABUAD Farm and external business enterprises for industrial training and were exposed further to different business learning methods (Table 9).

**Table 9.** Trainee industrial training attachment.

| Commodities      | Enterprise  | Stage of Production   | No. of trainees | Organization/Unit  |
|------------------|---|---|-----------------|--|
| Plantain         | Sucker Multiplication   | Pre-planting  | 19              | IITA- Business Incubation Platform   |
|                  | Fruit Production  | Production  |                 | IITA- Business Incubation Platform   |
|                  | Plantain Chips  | Post-harvest  | 15              | Tofan Foods  |
|                  | Plantain Flour  | Post-harvest  |                 | Grace- Vine Ventures   |
| Cassava          | Gari  | Post-harvest  | 15              | IITA- Cassava Transformation Agenda  |
|                  | High Quality Cassava Flour  | Post-harvest  |                 | IITA- Cassava Transformation Agenda  |
|                  | Fufu  | Post-harvest  |                 | IITA- Cassava Transformation Agenda  |
|                  | Confectionary (flour)   | Post-harvest  |                 | IITA-IYA/ Tofan Foods  |
| Cowpea/Soybean   | Tidbits (cowpea snack)  | Post-harvest  | 6               | IITA-IYA   |
|                  | Cowpea flour  | Post-harvest  |                 | Grace- Vine Ventures   |
|                  | Soymilk   | Post-harvest  |                 | IITA- IYA  |
| Maize            | Pap   | Post-harvest  | 8               | Manasseh Integrated Services   |
|                  | Custard   | Post-harvest  |                 | Manasseh Integrated Services   |
|                  | Semovita  | Post-harvest  |                 | Manasseh Integrated Services   |
| Rice             | Rice seed production  | Nursery established and rice at vegetative and reproductive stage | 43              | AfricaRice Business and capacity development   |
|                  | Rice value addition   | Rice-based product developed                                      | 7               | AfricaRice Crop Utilization Unit   |
|                  | Mechanization/ fabrication  | Fabrication of rice thresher                                      | 7               | Private Fabricator (name)  |
| Fish             | Fingerlings and cat-fish production   | Production, 149   | 209             | ABUAD Farm Fish Enterprise and Capacity Development Unit.                                    |
|                  | Production of smoked, fish feeds and livestock feeds.   | Production, 60  |                 |  |
| Mango            | Mango fruit production  | Nursery   | 5               | ABUAD Farm Mango Enterprise and Capacity Development Unit.                                   |
|                  |   | Plantation  |                 |  |
|                  | Production of mango fruit pulp, Mango fruit juice, and mango fruit chips.   | Production and Storage  |                 |  |
| Moringa          | Leaf and seed production  | Nursery   | 12              | ABUAD Farm Moringa Enterprise and Capacity Development Unit.                                 |
|                  |   | Plantation  |                 |  |
|                  | Production of moringa powder, moringa soap, and moringa hair cream.   | Production  |                 |  |
| Agri-fabrication | Cutting, construction and welding skills, modification of motorized farm equipment as part of farm mechanization to improve crop production efficiency  | Production  | 6               | ABUAD Farm Agri-fabrication and Farm Mechanization Enterprise and Capacity Development Unit. |
|                  | Cutting, construction and welding skills, construction value addition equipment to improve processing and production efficiency of fish, mango, moringa cassava, maize, cowpea/soybean value additions. | Production  |                 |  |



## Component 3: Training in agricultural production operations

### **Activity 3.1. Training in Overall farm management with specific focus on on-farm production of each of the 10 commodities selected.**

The training built the technical competence of 257 youths along the IITA, AfricaRice and ABUAD selected value chain (Table 10) and focused on good agronomic practices carried out from field/site selection to storage of harvested crop commodities. Trainees were taught to produce planting materials (vegetative and non-vegetative propagated parts) and for food consumption (tubers, grains, and fruits). Training plays important role by building technical competence and change in behavior by improvement of knowledge, skill and agribusiness ability in seed and fruit production. The acquired technical skills led to improved methods and techniques, learning and experiences with current climatic requirement and technical needs for fish ponds, good agricultural practices including nursery bed establishment, seed preparation, class of seed, transplanting, water and nutrient management.

**Table 10.** Training in Overall farm management

| Commodities    | On farm product                            | No. of trainees |
|----------------|--|-----------------|
| Plantain       | Sucker multiplication and fruit production | 19              |
| Cassava        | Stem multiplication and roots production   | 15              |
| Cowpea/Soybean | Grain and seeds                            | 6               |
| Maize          | Grain and seeds                            | 8               |
| Rice           | Grain and seeds                            | 43              |
| Fish           | Fingerlings and cat-fish production        | 149             |
| Mango          | Mango fruit production                     | 5               |
| Moringa        | Leaf and seed production                   | 12              |
| Total          |  | 257             |

### **Activity 3.2. Quality control during production, Post-harvest handling/selection, washing, and packaging/transport/storage**

Training was conducted on how physical handling can have a drastic effect on the postharvest quality and shelf life of most harvested food crops and fish products. Quality control practices cuts across the agriculture value chain, and training on the acceptable standard practices for quality control and post- harvest handling was facilitated as part of the training sessions and internships. The trainees were taught on ensuring an acceptable level of food quality and safety, providing adequate protection for consumers and to facilitate trade. Further training was given on how quality control can be achieved by implementing and monitoring quality assurance measures along the entire crop value chain. It was emphasized that everyone involved with crop production, from the farmer to the consumer, shares in the responsibilities to keep the food supply safe by taking the necessary precautions to keep food crops protected from hazards that can increase human health risks. These actions would also prevent or reduce food losses, which is especially important in those situations where food security is threatened. Key quality and safety standards taught include:

1. Selecting the right land to be cultivated for food crop production,
2. Planting the best-quality seeds of the most appropriate varieties,
3. Use of authorized and acceptable chemical inputs (fertilizers, pesticides) according to approved directions (e.g. concentration, frequency, timing of use),
4. Use of appropriate harvesting and on-farm storing and handling techniques, and
5. Use of appropriate methods for shipping to markets or food processors.

### **Activity 3.3. Pricing of farm produce for the market**

Trainees received knowledge on strategic importance of product pricing in relation to seasonality of agricultural product, product shelf life and market demand. Without regular pricing, profits can be significantly diminished and therefore the training was designed to address specific pricing issues in order to meet individual client needs and audiences for effective market using two approaches.

1. Premium pricing is the practice of keeping the price of a product or service artificially high in order to encourage favorable perceptions among buyers, based solely on the price. The practice is intended to exploit the (not necessarily justifiable) tendency for buyers to assume that expensive items enjoy an exceptional reputation, are more reliable or desirable, or represent exceptional quality and distinction. Moreover, a premium price may portray the meaning of better quality in the eyes of the consumer. Consumers are willing to pay more for trends, which is a key motive for premium pricing, and are not afraid on how much a product or service costs.
2. Prevailing price is a fixed product price with respect to the prevailing market and season. Price discrimination in different market segment and used of promotional approaches to attract and consolidate customers' relationship.

### **Activity 3.4. Safe and efficient use of pesticides**

Two hundred and fifty seven (257) were trained on efficient use of pesticides for pest control agents against a variety of pests in rice, cassava, maize, soybean/cowpea, mango, moringa and fish pond environment, insecticides to control specific insects, herbicides for weed control, fungicides for fungi, and rodenticides for the control of rodents were practically demonstrated. The use of herbicides as an efficient method of weed control was emphasized. The training was practical and the trainees applied the herbicide on the demonstration field (Figure 10). They were introduced to Pre-emergence, emergence and post emergence application of herbicides. Despite their popularity, improper and careless usage of pesticides has resulted to undesirable effects on people, livestock, non-target organisms and the environment in the fields. Trained on tips for appropriate use during or before application of pesticides to avoid adverse effect which are as follows:

1. Read the label carefully. The label contains necessary information relevant on how the product must be used and what to do in case of poisoning.
2. Wear gloves, safety glasses and/or masks/respirators and mix pesticides outside the house.
3. When mixing liquid concentrates with water, it is always advisable to place pesticide into the sprayer tank first before mixing with water.
4. Caution if acid is used, it must be poured into the water during the preparation of the solution. Do not pour water into the acid because an explosion could result.
5. Immediately after mixing, close pesticide container tightly and keep it in a safe area not easily reached by small children.
6. Never smoke or eat during the spraying operation.
7. Wear protective clothing, such as long-sleeved shirts, pants and respirators when spraying.



**Figure 10.** Trainee applying herbicide and pesticides on crop demonstration field production system.

### ***Activity 3.5. Soil fertility management***

One hundred and eight (108) were trained on soil fertility management. This activity was carried out as a combination of in-class, on-field, and laboratory sessions. It introduced the participants to the importance of soil fertility management. The trainees were taught how to take soil samples with good representation of the total field area for soil nutrient characterization in the laboratory (Figures 11 and 12). Trainees were exposed to field practical lectures on sustainable, healthy and productive agricultural systems to feed our continuously growing population.



**Figure 11.** Training on soil collection methodologies on the field.



### **Activity 3.6. Efficient water use at farm level including irrigation**

This activity introduced the trainees to water use efficiency practices for crop production under rain-fed and irrigation systems.



**Figure 12.** Training on Efficient water use at farm level including irrigation.

## **Component 4: Training in value addition in crops transformation**

### **Activity 4.1 Training in technical skills and knowledge in processing farm produce.**

The technical training of youth was in production and value addition of the selected commodity. Identification of products processed from the selected commodity was done prior to the commencement of the training. The trainees learnt different types of product for variety of appropriate processing; know the combination of ingredients and standard formula mixture required for processed products; understand the process involved in the machinery operation and equipment required for producing target product; understand shelf life, different storage conditions, maintenance of quality standard of processed product to retain the quality; packaging and quality control measures (Table 11 and Figure 13).

**Table 11.** Value-added Product Developed by Trainees

| Commodity | Value-added Product Developed by Trainees  |
|-----------|--|
| Cassava   | 1. High quality cassava flour<br>2. Garri<br>3. Fufu<br>4. Tapioca<br>5. Confectionary (flour)   |
| Plantain  | 1. Plantain Chips<br>2. Plantain flour   |
| Maize     | 1. Pap<br>2. Custard<br>3. Semovita  |
| Soybean   | 1. Soymilk   |
| Cowpea    | 1. Cowpea flour<br>2. Tidbits (cowpea snacks)  |
| Rice      | 1. Short crust pastry<br>2. Rice pancake<br>3. Egg rolls/buns<br>4. Rice cocktail bits<br>5. Rice threads<br>6. Rice Chin-chin<br>7. Cake<br>8. Cupcakes<br>9. Butter cookies<br>10. Coconut biscuit<br>11. Short bread biscuit t<br>12. Sweetened ginger biscuit<br>13. Rice biscuit<br>14. Rice milk |
| Fish      | 1. Smoked fish<br>2. Fish feeds<br>3. Livestock feeds  |

|         |   |
|---------|---|
| Mango   | <ol style="list-style-type: none"> <li>1. Mango fruit pulp</li> <li>2. Mango fruit juice</li> <li>3. Mango fruit chips</li> </ol> |
| Moringa | <ol style="list-style-type: none"> <li>1. Moringa powder</li> <li>2. Moringa soap</li> <li>3. Moringa hair cream</li> </ol>       |



**Figure 13.** Training in technical skills and knowledge in processing farm produce.

#### **Activity 4.2 Training in marketing and sales skills**

The training in marketing and sales skills introduced the participants to the concept of marketing; marketing's tasks; the mix of marketing (the 4Ps of marketing); product life cycle and the key resources for market development. The trainees were trained on how to develop a good marketing plan and were given the task of developing their business plans to:

1. Explain (from an internal perspective) the impact and results of past marketing decisions.
2. Explain the external market in which the business is competing.
3. Set goals and provide direction for future marketing efforts.
4. Set clear, realistic, and measurable targets.
5. Include deadlines for meeting those targets.
6. Provide a budget for all marketing activities.
7. Specify accountability and measures for all activities.

### **Activity 4.3 Training in integration of producers and youth entrepreneur processors in the agro-food value chains**

youths were trained on how to recognize collaborators and stakeholders in their respective value chain as a means of building sustainable businesses. Value chain actors, activities and linkages were included as part of the training sessions. The youths were taught to identify collaborators in their respective value chain as a means of building sustainable businesses. Some of the trained youths decided to form producer- processor partnership, where raw materials are sourced from fellow trainees and then processed to the final product.

## **Component 5: Development of agribusiness plans for ten selected commodities specifically soybean/cowpea, maize, plantain, mango, cassava, rice, moringa, fish, and agriculture-machinery fabrications.**

### **Activity 5.1. Market intelligence gathering on both production and value additions for selected agricultural commodities.**

Market intelligence on the selected commodities was gathered through information online, in person interviews, internship with businesses and companies producing similar products trainees are interested in. Trainees were able to learn about the right variety to produce for crop production, when to produce, quantity to produce, the current market price for products and other important information necessary for their businesses. The cost benefit analysis for business enterprises along the selected value chain determined (Table 12).

**Table 12.** Cost benefit analysis of seed production enterprise

| Crop commodity | Business enterprises      | Cost benefit ratio |
|----------------|---------------------------|--------------------|
| Plantain       | Fruit production          | 1.97               |
|                | Sucker multiplication     | 1.63               |
|                | Flour processing          | 1.46               |
|                | Plantain chips processing | 1.3                |
| Maize          | Grain production          | 1.8                |
|                | Seed production           | 3.1                |
|                | Pap                       | 1.2                |
|                | Custard                   | 1.4                |
|                | Semovita                  | 1.5                |
| Cowpea         | Seed production           | 2.3                |
|                | Grain production          | 2.09               |
|                | Cowpea flour              | 1.55               |
|                | Tidbits (snack)           | 1.2                |
| Cassava        | Stem multiplication       | 1.96               |
|                | Root production           | 1.36               |
|                | Gari processing           | 1.35               |
|                | Flour processing          | 1.4                |
|                | Fufu processing           | 1.4                |
| Soybean        | Seed production           | 2.50               |
|                | Grain production          | 1.60               |
|                | Soymilk                   | 1.2                |
| Rice           | Seed production           | 3.2                |
|                | Grain production          | 2.7                |
|                | Short crust pastry        | 1.5                |
|                | Rice pancake              | 1.2                |
|                | Egg rolls/buns            | 1.3                |
|                | Rice cocktail bits        | 1.2                |
|                | Rice threads              | 1.05               |
|                | Rice Chin-chin            | 1.5                |
|                | Cake                      | 1.6                |
|                | Cupcakes                  | 1.3                |
|                | Butter cookies            | 1.4                |

|         |                          |      |
|---------|--------------------------|------|
|         | Coconut biscuit          |      |
|         | Short bread biscuit      | 1.9  |
|         | Sweetened ginger biscuit | 1.8  |
|         | Rice biscuit             | 1.6  |
|         | Rice milk                | 1.2  |
| Fish    | Fingerlings production   | 2.64 |
|         | Cat-fish production      | 2.12 |
|         | Smoked fish              | 1.89 |
|         | Fish feeds               | 1.05 |
|         | Livestock feeds          | 1.2  |
| Mango   | Mango fruit production   | 2.44 |
|         | Mango fruit pulp         | 1.45 |
|         | Mango fruit juice        | 1.80 |
|         | Mango fruit chips        | 1.10 |
| Moringa | Leaf and seed production | 2.50 |
|         | Moringa powder           | 1.90 |
|         | Moringa soap             | 2.10 |
|         | Moringa hair cream       | 1.64 |

### **Activity 5.2. Development of value addition agribusiness plans**

A total of 104 value addition agribusiness plans were developed by the trainees on value added enterprises (Table 13).

**Table 13.** Value addition agribusiness plans developed by the trainees on value added enterprises.

| Commodity      | Value Addition Enterprise |       | No of Business Plans |
|----------------|---------------------------|-------|----------------------|
|                | Nigeria                   | Benin |                      |
| Cassava        | 2                         | 4     | 6                    |
| Plantain       | 5                         | -     | 5                    |
| Maize          | 2                         | -     | 2                    |
| Soybean/Cowpea | 2                         | -     | 2                    |
| Rice           | 6                         | 6     | 12                   |
| Fish           | 53                        | 7     | 60                   |
| Mango          | 5                         | -     | 5                    |
| Moringa        | 12                        | -     | 12                   |
| Total          | 87                        | 17    | 104                  |

### **Activity 5.3. Development of agri-businesses plans for commodities.**

A total of 215 agribusiness plans were developed by the trainees on commodities enterprises (Table 14).

**Table 14.** Agribusiness plans developed by the trainees on commodity enterprises.

| Commodity      | Commodity Enterprise |       | No of Business Plans |
|----------------|----------------------|-------|----------------------|
|                | Nigeria              | Benin |                      |
| Cassava        | 11                   | 3     | 14                   |
| Plantain       | 13                   | -     | 13                   |
| Maize          | 4                    | -     | 4                    |
| Soybean/Cowpea | 3                    | -     | 3                    |
| Rice           | 19                   | 13    | 32                   |
| Fish           | 131                  | 18    | 149                  |
| Mango          | -                    | -     | -                    |
| Moringa        | -                    | -     | -                    |
| Total          | 181                  | 34    | 215                  |

**Activity 5.4. Development of business plans on farm implement fabrication/modification for youth.**

A total of 13 agribusiness plans were developed by the trainees on farm implement fabrication/modification enterprises (Table 15).

**Table 15.** Agribusiness plans developed by the trainees on farm implement fabrication/modification enterprises.

| Enterprise                        | Nigeria | Benin | No of Business Plans |
|-----------------------------------|---------|-------|----------------------|
| Fabrication Enterprise-IITA       | -       | -     | -                    |
| Fabrication Enterprise-AfricaRice | 7       | -     | 7                    |
| Fabrication Enterprise-ABUAD      | 6       | -     | 6                    |
| Total                             | 13      | -     | 13                   |

**Component 6:**

**Development / modification / upgrading of infrastructural for an efficient leaning environment.**

**Activity 6.1. Inventory of agribusiness processing facilities/equipment in IITA, ABUAD and AfricaRice, and assessment of their suitability the project needs.**

Some of the basic requirements for the project is the assessment of available agribusiness facilities within the implementing partners suitable for use. Some equipment have been identified for use by the project (Table 16).

**Table 16.** Inventory of agribusiness processing facilities/equipment in IITA, ABUAD and AfricaRice that were suitable and needed for project.



| Partner    | Facility   |
|------------|--|
| IITA       | <ol style="list-style-type: none"> <li>1. Dilapidated macro propagation chamber for plantain</li> <li>2. Value addition processing center (Soybean, maize, cowpea)</li> <li>3. Cassava processing center</li> <li>4. Land for production</li> <li>5. Equipment/ machinery for fabrication during training on mechanization</li> </ol>  |
| AfricaRice | <ol style="list-style-type: none"> <li>1. Land resources for lowland and upland rice seed production system</li> <li>2. Kubota 4-wheel rotavator for soil preparation</li> <li>3. Reapers</li> <li>4. Threshers</li> <li>5. Glass house for seed drying</li> <li>6. Seed quality control incubator</li> <li>7. Seed moisture tester</li> <li>8. Un-parboiled paddy rice miller</li> <li>9. Value addition processing center and equipment</li> </ol>   |
| ABUAD      | <ol style="list-style-type: none"> <li>1. Fish production and value addition building</li> <li>2. A standard hatchery with a capacity to produce 50,000 fingerlings at a go and can run both flow through and recirculating systems</li> <li>3. 6 outdoor concrete tanks with a capacity to accommodate the fingerlings to juvenile stage.</li> <li>4. 3 outdoor concrete tanks for spawning exercise.</li> <li>5. 2 storage overhead tanks with a combined capacity of 5000 litres</li> <li>6. 87 earthen pond with a capacity to accommodate 1000 juveniles to table size.</li> <li>7. A smoking unit that can produce over 250 kg in a day</li> <li>8. Store and dispensary unit for safekeeping of materials on the farm</li> <li>9. Counting/sorting tables for fingerlings/juveniles.</li> <li>10. Scoop nets, Drag nets for cropping, Containers for harvesting</li> <li>11. Moringa production factory building</li> <li>12. Leave powder, Washing trough, Draining racks, Dryers (solar, air dryer)</li> <li>13. Electric (hot-air) dryers, Milling machine, Seives, Capsule making machine</li> <li>14. Electric oil press, Soap Making, Mixer, Stamping machine</li> <li>15. Hand gloves, Mould, Weighing balance, Gas cylinder and burner</li> <li>16. Mango production factory building</li> <li>17. Extractor machines (for mango and orange)</li> <li>18. Steam tank for blending, Mixing tank, Homogenizer, Pasteurizer</li> <li>19. Cooling chamber, Filling machine, Rinser, Capping machine</li> <li>20. Shrink-wrapping machine, Reverse osmosis machine, Glass blowing machine</li> <li>21. Weighing balance, Thermometer, pH meter, Refractometer</li> </ol> |



|  |  |
|--|--|
|  | 22. Feedmill production factory building<br>23. Fish feed section (sinking feed)<br>24. Grinder (needs upgrading in net and hammer components)<br>25. Mixer (250 kg capacity)<br>26. Boiler, Pelletizer, Cooler<br>27. Fish feed section (floating feed)<br>28. Extruder machine (blade needs replacement)<br>29. Two 1-hp submersible pumps to enhance the production capacity of the hatchery unit.<br>30. Four full length 4" flush pipes for outdoor concrete tanks.<br>31. 36 yards (10 x 3 ft.) tarpaulin for outdoor concrete tanks for raising juveniles<br>32. Two 12-hose aerators and a bundle of hose with connectors in the hatchery unit<br>33. 20 kg broodstocks (male and female)<br>34. 1 bottle (10ml) synthetic hormone for injection during training.<br>35. Four hand nets for picking advanced fries<br>36. 6 newly constructed mobile vats for outdoor hatching/spawning<br>37. 2 hand lens, Stools and dissecting tables |
|--|--|

**Activity 6.2. Expansion/Modification/upgrading of existing facility/equipment for commodity production and value addition**

**Table 17.** Expansion/Modification/upgrading of existing facility/equipment for commodity production and value addition.

| Partner    | Facility  |
|------------|---|
| IITA       | <p>Materials/equipment were purchased for crop production and processing such as:</p> <ol style="list-style-type: none"> <li>1. Knapsack sprayer.</li> <li>2. Secateur</li> <li>3. Multipurpose weeder</li> <li>4. Mixer</li> <li>5. Blender</li> </ol> <p>The macro-propagation chamber for sucker production was repaired.</p>  <p><b>Figure 14.</b> Macro propagation chamber before and after rehabilitation was carried out</p>  |
| AfricaRice | <p>Materials/equipment were purchased for crop production and processing such as:</p> <ol style="list-style-type: none"> <li>1. Knapsack sprayer for herbicides and insecticides</li> <li>2. Gas cooker with oven</li> <li>3. Multipurpose weeders</li> <li>4. Mixer</li> <li>5. Blender</li> </ol> <p>The glass house for seed drying with partial leakage from the top repaired to avoid seed deterioration during wet season.</p>  |

|       |   |
|-------|---|
|       | <b>Figure 15.</b> Glass house for seed drying.  |
| ABUAD | <p>Materials/equipment were purchased for crop production and processing such as:</p> <ol style="list-style-type: none"> <li>1. Two 1-hp submersible pumps to enhance the production capacity of the hatchery unit.</li> <li>2. Four full length 4" flush pipes for outdoor concrete tanks.</li> <li>3. 36 yards (10 x 3 ft.) tarpaulin for outdoor concrete tanks for raising juveniles</li> <li>4. Two 12-hose aerators and a bundle of hose with connectors in the hatchery unit</li> <li>5. 20 kg broodstocks (male and female)</li> <li>6. 1 bottle (10ml) synthetic hormone for injection during training.</li> <li>7. Four hand nets for picking advanced fries</li> <li>8. 4 additional big bowls, 1 bag of 25kg industrial salt, 2 hand towels</li> <li>9. 6 newly constructed mobile vats for outdoor hatching/spawning</li> <li>10. 2 hand lens, 2 packs of razor blade, a pack of syringe</li> <li>11. A set of plastic spoons and 6 washhand bowls, Stools and dissecting tables</li> <li>12. Upgrading of existing outdoor storage tanks to make the hatchery totally independent.</li> <li>13. A full length siphoning tube, 1 bag of hydrated lime</li> <li>14. 66 bags of feeds to raise the fingerlings produced to table size</li> <li>15. Feeds of various sizes for raising the hatchlings to juvenile stage before they are stocked.</li> <li>16. 4 additional 1000-litre tanks.</li> <li>17. Filling and capping machine</li> <li>18. Stainless steel table for sorting of mango</li> <li>19. Deep freezer, Preformed bottles, Caps, Nylon, Labels</li> <li>20. Mango pulp, Preservatives (sodium benzoate, potassium sorbate), Mango flavour</li> <li>21. Twin oxide (water purifier), Anticoagulant, Citric acid, Hypochlorite</li> <li>22. Caustic acid (sterilizer lime), Phenoptalein, methyl orange</li> <li>23. NaOH, Sulphuric acid, Methylated spirit/ ethanol, Barium chloride</li> <li>24. Gloves, nose cover, hair nets, Acetic acid, Sugar, Cotton wool</li> <li>25. Electricity units.</li> <li>26. Moringa seeds, Moringa leaves, Palm kernel oil (PKO)</li> <li>27. Caustic soda, Sodium silicate, Sodium sulphate</li> <li>28. Perfume, Colourant, Petroleum jelly</li> <li>29. Coconut oil, Shea butter, Frangrance</li> </ol> |

### **Activity 6.3. Expansion/Modification/upgrading of existing infrastructure/facility for fabrication of equipment**

Rice thresher and fish smoking kiln were fabricated by trainees and instructors during the practical training sessions on mechanization/fabrication of the project activities. The thresher was demonstrated with over 95% efficiency. Additional equipment such as welding machine (250 A), grinder, hack saw, and eyes protectors were added to ABUAD Farm mechanization/fabrication enterprise to support training sessions (Figures 16 and 17).



**Figure 16.** New rice thresher fabricated by training and instructors added to AfricaRice mechanization/fabrication enterprise.



**Figure 17.** New fish smoking kiln fabricated by training and instructors added to ABUAD Farm mechanization/fabrication enterprise.

## **Component 7: Performance monitoring of training progress and agribusiness using emerging and innovative performance monitoring methodologies.**

### ***Activity 7.1. Selection of innovative performance monitoring methodologies to assess business performance***

Micro-narrative, multi-level mixed evaluation method, data visualization and outcome harvesting monitoring technologies have been selected to assess youth business performance. All the trained youths have developed business plan which they are going to work with and as a guide to successfully manage their businesses. Monitoring visits to business site, data collection and reporting will begin in year 2 (2020) following the activities below.

1. Periodic monitoring visit to start-up enterprises (monthly and quarterly)
2. Reporting on business operation scope
3. Clear business intelligence system evaluation
4. Feedback from trained youths

### ***Activity 7.2. Training youth as beneficiaries, collaborators and leaders in performance monitoring and collation and submission of information***

The project year one activities produced 351 trained youths out of which 321 were given grants and are now beneficiaries. They will exercise their newly acquired knowledge, skills and competencies to involve themselves into the community events and processes, from and around the new business centers. Their active involvement in the project will allowed young people to gain greater attention, from their peers and from the community leaders and officials, which made them able to foster the new thinking and skills embedded into the knowledge they have received, and to push youth leadership roles forward. It is hoped that some of the very successful ones will be selected in year two to serve as business mentors or even trainers in future trainings organized under this project. When some of the youths are selected a training of trainers' session will be organized to enable them to participate as collaborators and leaders.

### ***Activity 7.3. Youth as partners providing information on their training progress***

All the trained youths went through the following training evaluation processes.

- (a) Training evaluation forms
  1. Questionnaires before start of training
  2. Questionnaires at the end of training
- (b) Individual and group assignment and oral presentation of assignments



- (c) Internship logbooks to evaluate youth's hand-on improved practical skills and knowledge
- (d) Formal written examination

All the trained youth have shown in their feedback information that the acquired training skills would have greater impact on their future lives and profitable agribusiness drive. Consequently, they are now see themselves as project partners in all the future project activities.

***Activity 7.4. Youth providing information in experiences and progress on employment progress***

The project year one activities produced 351 trained youths out of which 321 have been offered employment by given to them both equipment and cash grants to begin their agribusinesses in their respective rural areas. Some of the remaining 30 youths without the grants are collecting job placement recommendations. The project year two activities will capture more periodic information from trained youths both in formal job-employments and those empowered in rural agribusinesses to measure experiences and progress.

***Activity 7.5. TOTs proving information on their achievements***

The project year two activities will capture more periodic information from trained youths both in formal job-employments and those empowered in rural agribusinesses to measure their achievements in terms of profits made.

***Activity 7.6. Performance monitoring of Enterprises in terms of employment, revenue, profits joint businesses managed by trained youth.***

The project year two activities will capture more periodic information from trained youths both in formal job-employments and those empowered in rural agribusinesses when the business enterprises are one hundred percent operational to measure their performance in terms of employment, revenue, and profits.

***Activity 7.7. Monitoring evolution of youth from beneficiaries to collaborators and leaders.***

The entire process of the transformation of youths from beneficiaries to collaborators and leaders will be well documented. At this point the youths are considered beneficiaries and the relevant information about them at this stage were collected using the following;

1. Base line questionnaire
2. Youth profiling form
3. Feedback from the youths.

The project year two activities will capture more periodic information from trained youths both in formal job-employments and those empowered in rural agribusinesses on their evolution from beneficiaries to collaborators and leaders.

***Activity 7.8. Assessing and refining programme strategies and delivery.***

The experiences and lessons learnt in the implementation of project activities would form the basis of program implementation in the future. Some of these activities were discussed during the project review meeting;

1. Extensive awareness creation in Republic of Benin to encourage participation of more youths especially women and increased project visibility. Social media (radio jingles, town crier, press etc) will be used to reach many groups. This would be carried out through the press and social media, and would be in their local language as much as possible.

2. Facilitating training sessions at the Afe Babalola University Ado-Ekiti for participants from Ekiti state as opposed to mobilizing them for training at the IITA station and vice versa.
3. The use of one Monitoring and Evaluation Officer for all project implementing partner. The Monitoring and Evaluation Officer at ABUAD will now coordinate the overall Monitoring and Evaluation activities of the entire project.

## Component 8: Financing agribusinesses of trained Youth through grants.

### Activity 8.1. Awarding grants.

ABUAD was responsible for producing all project Grant Awards Certificates used both in Nigeria and Benin Republic. The project Grant Awards Certificates were produced both in French and English versions for trained youths both from Benin Republic and Nigeria respectively (Figure 18). Samples of YEASA Grant Awards Certificates are below (Figure 18). The project year one activities produced 351 trained youths out of which 321 have received Grant Awards Certificates as well as been offered employment by given to them both equipment and cash grants to begin their agribusinesses in their respective rural areas (Figures 19 and 20; Tables 18-20). Thus, a total of \$160,500 USD has been invested in the form of grants to create employment for 321 youths to begin their agribusinesses in their respective rural areas.



**Figure 18.** Samples of French and English Versions of YEASA Grant Award Certificate Developed.



**Figure 19.** Some grants awards ceremonies in Nigeria.



**Figure 20.** Some grants awards ceremonies in Benin Republic.

**Table 18.** ABUAD trained youths' starter pack grant awards for Nigeria and Benin Republic.

| <b>STARTER PACK GRANT AWARD- NIGERIA</b> |  |                           |   |                             |                              |                   |
|--|--|---------------------------|---|-----------------------------|------------------------------|-------------------|
| <b>S/N</b>                               | <b>Business enterprise</b>                       | <b>Number of trainees</b> | <b>Grant Award Per Trainee</b>  |                             |                              | <b>Total (₦)</b>  |
|  |  |                           | <b>Equipment grant award (₦)</b>  | <b>Cash grant award (₦)</b> | <b>Total grant award (₦)</b> |                   |
| 1  | Fish Production                                  | 131                       | 1. Aerators<br>2. Air hose<br>3. Air stones<br>4. Spawning tank<br>5. Storage tank<br>Total – 83,899.15   | 96,100.85                   | 180,000                      | 23,580,000        |
| 2  | Fish Value Addition                              | 73                        | 1. Smoking kiln<br>Total – 80,000   | 100,000                     | 180,000                      | 13,140,000        |
| 3  | Moringa Value Addition:<br>Soap Production       | 10                        | 1. Mini Grinding Machine<br>2. Soap Mixer<br>3. Gas Cylinder with Burner<br>4. Measuring Scale<br>Total – 80,000                                    | 100,000                     | 180,000                      | 1,800,000         |
| 4  | Moringa Value Addition:<br>Hair Cream Production | 2                         | 1. Mini Grinding Machine<br>2. Gas Cylinder with Burner<br>3. Measuring Scale<br>Total – 80,000   | 100,000                     | 180,000                      | 360,000           |
| 5  | Mango Value Addition: Fruit Juice Production     | 3                         | 1. Super Premium Electric Juice Extractor<br>2. DMWD Electric Kettle 4L Stainless Steel<br>3. Refractometer Portable Professional<br>Total – 80,000 | 100,000                     | 180,000                      | 540,000           |
| 6  | Mango Value Addition: Chips Production           | 2                         | 1. Fruit Dehydrator<br>Total – ₦155,000   | 25,000                      | 180,000                      | 360,000           |
| 7  | Agri-fabrication and Mechanization Production    | 6                         | 1. Mini Electric Welding Machine<br>2. Grinder<br>3. Eye Protector<br>4. Two Hand Gloves<br>Total – 100,000   | 80,000                      | 180,000                      | 1,080,000         |
| <b>Total</b>                             |  | <b>227</b>                | <b>658,899.15</b>   | <b>601,100.85</b>           | <b>1,260,000</b>             | <b>40,860,000</b> |

| STARTER PACK GRANT AWARD - BENIN REPUBLIC |                     |                    |   |                         |                          |                  |
|---|---------------------|--------------------|---|-------------------------|--------------------------|------------------|
| S/N                                       | Business enterprise | Number of trainees | Grant Award Per Trainee   |                         |                          | Total (FCFA)     |
|   |                     |                    | Equipment grant award (FCFA)  | Cash grant award (FCFA) | Total grant award (FCFA) |                  |
| 1   | Fish Production     | 14                 | Aerators<br>Air hose<br>Air stones<br>Spawning tank<br>Storage tank<br>Total – 217,500 FCFA | 77,500                  | 295,000                  | 4,130,000        |
| 2   | Fish Value Addition | 5                  | Smoking kiln<br>Total – 166,000 FCFA  | 129,000                 | 295,000                  | 1,475,000        |
| <b>Total</b>                              |                     | <b>19</b>          | <b>383,500</b>  | <b>206,500</b>          | <b>590,000</b>           | <b>5,605,000</b> |

**Table 19.** AfricaRice trained youths' starter pack grant awards for Nigeria and Benin Republic.

| STARTER PACK GRANT AWARD- NIGERIA |   |                    |  |                      |                       |                  |
|-----------------------------------|---|--------------------|--|----------------------|-----------------------|------------------|
| S/N                               | Business enterprise                           | Number of trainees | Grant Award Per Trainee  |                      |                       | Total (₦)        |
|                                   |   |                    | Equipment grant award (₦)  | Cash grant award (₦) | Total grant award (₦) |                  |
| 1                                 | Rice seed production                          | 19                 | 1. 50kg rice seed<br>Total-35,000  | 145,000              | 180,000               | 3,420,000        |
| 2                                 | Rice value addition                           | 6                  | 1. Extruder<br>2. 6.0 kg gas cylinder<br>3. Packaging nylon<br>Total - 24,000              | 156,000              | 180,000               | 1,080,000        |
| 3                                 | Agri-fabrication and Mechanization Production | 7                  | 1. Mini electrical welding machine<br>2. Eye protector<br>3. Hand gloves<br>Total - 54,000 | 126,000              | 180,000               | 1,260,000        |
| <b>Total</b>                      |   | <b>32</b>          | <b>113,000</b>   | <b>427,000</b>       | <b>540,000</b>        | <b>5,760,000</b> |

| STARTER PACK GRANT AWARD - BENIN REPUBLIC |                                       |                    |  |                       |                        |              |
|---|---------------------------------------|--------------------|--|-----------------------|------------------------|--------------|
| S/N                                       | Business enterprise                   | Number of trainees | Grant Award Per Trainee  |                       |                        | Total (\$)   |
|   |                                       |                    | Equipment grant award (\$)   | Cash grant award (\$) | Total grant award (\$) |              |
| 1   | Rice seed production – Benin Republic | 13                 | 1. 50kg rice seed<br>Total - 53.846  | 446.154               | 500                    | 6,500        |
| 2   | Value addition – Benin Republic       | 6                  | 1. Extruder<br>2. 6.0 kg gas cylinder + transportation<br>3. Packaging nylon<br>Total - 98 | 402.00                | 500                    | 3,000        |
| <b>Total</b>                              |                                       | <b>19</b>          | <b>151.846</b>   | <b>848.154</b>        | <b>1,000</b>           | <b>9,500</b> |

**Table 20.** IITA trained youths' starter pack grant awards for Nigeria and Benin Republic.

| STARTER PACK GRANT AWARD- NIGERIA |                                      |                    |   |                      |                       |           |
|-----------------------------------|--------------------------------------|--------------------|---|----------------------|-----------------------|-----------|
| S/N                               | Business enterprise                  | Number of trainees | Grant Award Per Trainee   |                      |                       | Total (₦) |
|                                   |                                      |                    | Equipment grant award (₦)   | Cash grant award (₦) | Total grant award (₦) |           |
| 1                                 | Plantain processing- Chips and flour | 1                  | 1. Gas burner<br>2. Gas Cylinder<br>3. Grinding machine<br>Total – 99,500                 | 80,500               | 180,000               | 180,000   |
| 2                                 | Plantain processing- Flour           | 2                  | 1. Grinding machine<br>2. Sealing machine<br>Total – 90,000                               | 90,000               | 180,000               | 360,000   |
| 3                                 | Plantain processing- Chips           | 2                  | 1. Gas burner<br>2. Gas cylinder<br>Total – 24,500  | 155,500              | 180,000               | 360,000   |
| 4                                 | Plantain Sucker and fruit production | 12                 | 1. Carving knife<br>2. Multipurpose weeder<br>3. Chamber Suckers (100)<br>Total – 100,200 | 79,800               | 180,000               | 216,0000  |
| 5                                 | Plantain fruit                       | 1                  | 1. Multipurpose weeder  | 81,000               | 180,000               | 180,000   |

|              |                             |           |   |                  |                  |                  |
|--------------|-----------------------------|-----------|---|------------------|------------------|------------------|
|              | production                  |           | 2. Suckers (300)<br>Total – 99,000  |                  |                  |                  |
| 6            | Cassava processing- Tidbits | 1         | 1. Gas burner<br>2. Gas cylinder<br>3. Sealing machine<br>Total – 39,5000           | 140,500          | 180,000          | 180,000          |
| 7            | Cassava processing - Gari   | 1         | 1. Hydraulic press<br>Total – 120,000   | 60,000           | 180,000          | 180,000          |
| 8            | Cassava production          | 10        | 1. Multipurpose weeder<br>2. Stem (65 bundles)<br>Total – 101,000                   | 79,000           | 180,000          | 180,000          |
| 9            | Maize processing- Flour     | 2         | 1. Grinding machine<br>2. Sealing machine<br>Total – 90,000                         | 90,000           | 180,000          | 360,000          |
| 10           | Maize production            | 3         | 1. Multipurpose weeder<br>2. Seeds (20kg)<br>3. Aflasafe (10 kg)<br>Total – 105,500 | 74,500           | 180,000          | 540,000          |
| 11           | Cowpea processing- flour    | 1         | 1. Grinding machine<br>2. Sealing machine<br>Total – 90,000                         | 90,000           | 180,000          | 180,000          |
| 12           | Cowpea processing- Tidbits  | 1         | 1. Gas burner<br>2. Gas cylinder<br>3. Grinding machine<br>Total – 99,500           | 80,500           | 180,000          | 180,000          |
| 13           | Cowpea production           | 1         | 1. Multipurpose weeder<br>2. Nodumax (5kg)<br>3. Seeds (20kg)<br>Total – 98,000     | 81,500           | 180,000          | 180,000          |
| 14           | Soybean production          | 2         | 1. Multipurpose Weeder<br>2. Seeds (50kg)<br>3. Nodumax (5kg)<br>Total – 106,500    | 73,500           | 180,000          | 360,000          |
| <b>Total</b> |                             | <b>40</b> | <b>1,263,700</b>  | <b>1,256,300</b> | <b>2,520,000</b> | <b>7,200,000</b> |

#### STARTER PACK GRANT AWARD - BENIN REPUBLIC

| S/N          | Business enterprise | Number of trainees | Grant Award Per Trainee                   |                         |                          | Total (FCFA)     |
|--------------|---------------------|--------------------|---|-------------------------|--------------------------|------------------|
|              |                     |                    | Equipment grant award (FCFA)              | Cash grant award (FCFA) | Total grant award (FCFA) |                  |
| 1            | Cassava production  | 3                  | 1. Multipurpose Weeder<br>Total - 125,000 | 170,000                 | 295,000                  | 885,000          |
| 2            | Cassava processing  | 4                  | 1. Hydraulic press<br>Total - 150,000     | 145,000                 | 295,000                  | 1,180,000        |
| <b>Total</b> |                     | <b>7</b>           | <b>275,000</b>                            | <b>315,000</b>          | <b>590,000</b>           | <b>2,065,000</b> |

#### **Activity 8.2. Monitoring Grant investments under implementation.**

The starter pack award will be monitored through periodic visits and business reports submitted by the business owners which would be submitted with verifiable means of evidence. Monitoring of grant investment will be fully operational in year 2 when business operation activities commence.

#### **Activity 8.3. Youth mentorship programme.**

The project activities on youth mentorship programme will start in year two of the project during which youths would be assigned to two categories of mentors;

- Business mentoring: This mentor would support the entrepreneurs in developing bankable business plans for the assessment of finance from financial institutions or existing project/programs (e.g. BOI, CBN Anchor Borrower's scheme, etc.).
- Technical mentoring: This mentor would support the entrepreneur in technical aspects related to agronomy, operation planning, and farm management. In some instances, these mentors would be business owners who are engaged in similar business enterprise of the trained youths.

The mentorship will be structured to accommodate;

(a) Mentoring visits and calls

(b) Mentorship assessment and reporting

## 2019 Results-based Logical Framework and Accomplishments

Various accomplishment in 2019 and means of verification have been documented (Table 21).

**Table 21.** 2019 output of activities by project components

|                          | <b>Objectives-hierarchy</b>  | <b>Objectively verifiable indicators</b>  | <b>Means of verification</b>   | <b>Assumptions</b>   |
|--------------------------|--|---|--|--|
| <b>Goal</b>              | The overall goal is improve rural livelihoods of youth based on agriculture and agriculture-based enterprises.   | <ul style="list-style-type: none"> <li>• 25% participating youth with improved income</li> <li>• 25% increase in rural youth with employment in agri-business</li> <li>• At least 8 commodities grown on commercial basis by trained youth</li> <li>• 25% of trained youth become contract farmers</li> </ul>   | <ul style="list-style-type: none"> <li>• 2020 rural youth income and expenditure survey</li> <li>• 2020 Baselines report</li> <li>• 2021 End-term project evaluation reports</li> </ul>  |  |
| <b>Objectives</b>        | The objective is to train youth for enhanced technical, business, entrepreneurial, financial and life skills for increased incomes and creation of employment opportunities. | <ul style="list-style-type: none"> <li>• 1000 trainees trained in agribusiness management and operations, disaggregated by gender</li> <li>• 1000 trainees certified as competent in management of agribusiness, disaggregated by gender</li> <li>• 500 grants awarded to certified trainees to start businesses, disaggregated by gender</li> <li>• At least 45 per cent of the trainees are women</li> </ul>  | <ul style="list-style-type: none"> <li>• 351 (38.2% female &amp; 61.8% male) trainees trained in year 1, 2019 Technical report</li> <li>• 351 (38.2% female &amp; 61.8% male) trainees trained received agribusiness certificates in year 1, 2019 Technical report</li> <li>• 321 grants (91.5%) awarded to certified trainees (40.1% female &amp; 59.9% male) in year 1, 2019 Technical report</li> <li>• 38.2% Female and 61.8% male, 2019 Technical report</li> </ul>   | Low level of acceptance among the population that perceives the training as inferior type of professional education. |
| <b>Outcomes /Outputs</b> | Development of technical, managerial, business, entrepreneurial, financial and life skills for the selected youths   | <ul style="list-style-type: none"> <li>• 4 training modules in agribusiness developed for selected youths</li> <li>• At least 10 training manuals developed for training youth in agribusiness</li> <li>• 1 000 youths trained in managerial and agribusiness skills, disaggregated by gender</li> <li>• 1000 youths trained in agricultural Technical skills, disaggregated by gender</li> <li>• 1000 youths trained in entrepreneurial skills, disaggregated by gender</li> <li>• 1000 youths trained in life skills, disaggregated by gender</li> <li>• 200 youths trained in value addition, disaggregated by gender</li> </ul> | <ul style="list-style-type: none"> <li>• 4 trainings modules developed, training manuals, 2019 Technical report</li> <li>• 10 training manuals in year 1, 2019 Technical report</li> <li>• 351 (38.2% female &amp; 61.8% male) trainees trained in year 1, 2019 Technical report</li> <li>• 351 (38.2% female &amp; 61.8% male) trainees trained in year 1, 2019 Technical report</li> <li>• 351 (38.2% female &amp; 61.8% male) trainees trained in year 1, 2019 Technical report</li> <li>• 351 (38.2% female &amp; 61.8% male) trainees trained in year 1, 2019 Technical report</li> <li>• 128 youths trained in value addition in year 1, 2019 technical report</li> <li>• List of training participants</li> </ul> | Lack of legal and policy framework to entrench the training for the long-term  |
|                          | Development of agribusiness enterprises based on 10 selected commodities   | <ul style="list-style-type: none"> <li>• 3 technical training programs manual on production developed</li> <li>• 4 training modules on value addition developed</li> <li>• 8 modules on agribusiness modules developed</li> </ul>   | <ul style="list-style-type: none"> <li>• 10 training manuals in year 1, 2019 Technical report</li> <li>• 2019 Technical report</li> <li>• 2019 Technical report</li> </ul>   | National Bureau of standards interference with the value addition products   |



|  | <b>Objectives-hierarchy</b>   | <b>Objectively verifiable indicators</b>  | <b>Means of verification</b>   | <b>Assumptions</b>  |
|--|---|---|--|---|
|  | Infrastructural development to ensure an efficient learning environment | <ul style="list-style-type: none"> <li>• Upgrading fruit concentrate processing plant in ABUAD</li> <li>• At least 1 agribusiness infrastructure developed/commodity</li> <li>• 1 machine fabricated for production</li> <li>• 1 machine fabricated for value addition</li> </ul>                                   | <ul style="list-style-type: none"> <li>• 1 fish smoking kiln fabricated for fish value addition in ABUAD</li> <li>• 1 rice thresher fabricated for seed/grain production in AfricaRice</li> <li>• 1 macro-propagation chamber infrastructure rebuilt for sucker production in IITA</li> <li>• Mango fruit processing upgraded for increased production</li> <li>• 2019 Technical report</li> </ul> | Exploitation of trainees on attachment in the agro-industry which discourages them to seek employment in future |
|  | Innovative performance monitoring of training progress                  | <ul style="list-style-type: none"> <li>• At least 3 innovative performance monitoring methodologies to assess business performance</li> <li>• At least 10 training courses dedicated to the monitoring of the performance of the new established agri-enterprises should be provided to the participants</li> </ul> | <ul style="list-style-type: none"> <li>• At least 4 performance monitoring methodologies developed</li> <li>• 2019 technical reports</li> </ul>  | Interference with the project with administrators and politicians pushing for underserving cases                |
|  | Financing agribusiness of trained youth                                 | <ul style="list-style-type: none"> <li>• 500 youths receive grants to start own businesses, disaggregated by gender</li> </ul>  | <ul style="list-style-type: none"> <li>• 321 grants (91.5%) awarded to certified trainees (40.1% female &amp; 59.9% male) in year 1</li> <li>• 2019 Technical report</li> </ul>  | Lack of access to financial services to expand jointly managed business   |

## Implementation arrangements

### *Fund Recipient*

ABUAD is the recipient for the grant.

### *Project management*

The Project Manager is Prof. Onasanya Amos. He was recruited jointly by IITA, AfricaRice and ABUAD. He resumed work on 1 May 2019 and is based in ABUAD IFAD Project Office. He has the overall managerial responsibility of the project. Besides, the Project Coordinators are, Ms Adunoye Oluyemi recruited by IITA 1 June 2019 and is based in IITA, and Dr. Nwilene Francis for AfricaRice respectively. They both have been coordinating implementation of all the project activities with the Project Manager. The project coordinators provide routine technical and financial reports to the Project Manager and the ABUAD finance department works to consolidate and submit these reports to IFAD through the ABUAD project administration office.

### *Implementation partners and implementation agreements*

ABUAD is the recipient of the grant. ABUAD is responsible for project implementation and has been serving as the overall lead institution of the project, responsible for technical backstopping, financial management as well as effective coordination of project partners (IITA, AfricaRice and University of Abomey-Calavi). ABUAD reports to IFAD on all fiduciary and technical matters in relation to the project. ABUAD has signed fund recipient agreement with IFAD and has signed fund sub-recipient agreement with AfricaRice and IITA as well as signed technical partner agreement with University of Abomey-Calavi to

deliver on agreed outputs. All these four signed agreement documents have been reviewed and approved by IFAD. The three partners worked together in their complementary roles to deliver 2019 project activities as follows:

- (a) ABUAD developed curricula and award certificates (training and grant certificates), lead enterprises associated with feedmil, fishery, mango, moringa and agricultural mechanization fabrication from the University farm;
  - (b) IITA was responsible for maize, soybean/cowpea, plantain/banana on-farm and off-farm enterprises, agricultural mechanization fabrication, and
  - (c) AfricaRice managed all on-farm and off-farm rice-initiatives and agricultural mechanization fabrication. Initial agreement was that AfricaRice would lead the project activities in Benin Republic with technical backstopping from IITA and ABUAD. But with the return of AfricaRice headquarters from Benin Republic to Cote D'ivoire it was impossible for AfricaRice to perform this leading role. During the 2019 first startup project implementation meeting project partners jointly agreed that IITA AfricaRice would lead the project activities in Benin Republic with technical backstopping from University of Benin-Calavi, AfricaRice and ABUAD.
1. All other services providers were procured through competitive process in line with the procurement guidelines of the IITA. Under IFAD review and approval, the University of Benin-Calavi became ABUAD local technical partner in Benin Republic and has helped to manage the training modules in the country.
  2. In conducting 2019 project activities we critically encourage the participating youths and partners to follow the approved guide to Youth Participation in Development as:
    - *Youths as "Project beneficiaries"* were fully informed of the project goals, expected outputs outcomes and impact, allowed to identify their interests for documentation and responses in line with the project scope. These have enable the project to provide full benefits to all participating youths from the training in agricultural operations and entrepreneurship and prepared them for working with the project as partners.
    - *Youths as "Collaborating Partners"*. Most of the trained youths have developed mutual co-operation and responsibility to provide information and feedback from their experiences implementers during the 2019 project implementation period. This feedback information has greatly helped the implementers to redefine implementation strategies and approaches for enhanced outcomes. We look forward to maintaining this key role with the youth in the 2020 project performance monitoring activities.
    - *Youths as "Leaders and Initiators of development"*. The project implementers while concluding the 2019 project activities have targeted potential youths for growth progression monitoring during 2020 project activities for those who become leaders in their youth-initiated and directed agribusinesses and management, making youth-led decision-making role within structures, systems and following processes developed under the project.

### **Grant Award**

The grant award initially planned to be disbursed in the third year of the project but further jointly agreed by project partners during the 2019 first startup project implementation meeting, that the grant fund be reallocated to commence in the first year of the project. The reconsideration was to avoid youths staying idle after training. This was essential to allow an increased period of technical support to start-up businesses



as a substitute of waiting for the third year when project activities will be rounding up. The reallocated project budget was presented to the IFAD team during the Project Inception Workshop for consideration and approval. The final IFAD approval was granted through email correspondence and the project is now operating with the reallocated IFAD approved budget.

### **Implementation period and indicative workplan**

The 2019 project indicative workplan agreed by project partners during the 2019 first startup project implementation meeting is presented in Table 22.

**Table 22. 2019 Project activity timelines**

| Activity   |   | Q1 | Q2 | Q3 | Q4 |
|------------|---|----|----|----|----|
| <b>1.0</b> | <b>Conduct project inception and annual planning workshops</b>  |    |    |    |    |
| 1.1        | Project inception   |    |    |    |    |
| 1.1        | Annual Review and planning workshops  |    |    |    |    |
| <b>2.0</b> | <b>Development of Youths' Managerial technical, business, entrepreneurial, and life skills</b>  |    |    |    |    |
| 2.1        | Training needs assessment   |    |    |    |    |
| 2.2        | Development/ updating of Training manuals   |    |    |    |    |
| 2.3        | Small business management training.   |    |    |    |    |
| 2.4        | Development of three agribusiness training modules, commodity production module, value addition module and agribusiness development module      |    |    |    |    |
| 2.5        | Life skills training; personal interaction and negotiation in the marketplace, selling and business administration                              |    |    |    |    |
| 2.6        | Complementary training in information including Information communications technology (ICT) and vocational skills.                              |    |    |    |    |
| 2.7        | Certification of trainees after training by ABUAD through   |    |    |    |    |
| 2.8        | Trainee industrial attachment   |    |    |    |    |
| <b>3.0</b> | <b>Training in agricultural production operations (contract farming)</b>  |    |    |    |    |
| 3.1        | Overall farm management with specific focus on on-farm production of each of the 10 commodities selected  |    |    |    |    |
| 3.2        | Quality control during production, Post-harvest handling/selection, washing, and packaging/transport/storage                                    |    |    |    |    |
| 3.3        | Pricing of farm produce for the market  |    |    |    |    |
| 3.4        | Safe and efficient use of pesticides  |    |    |    |    |
| 3.5        | Soil fertility management   |    |    |    |    |
| 3.6        | Efficient water use at farm level including irrigation  |    |    |    |    |
| <b>4.0</b> | <b>Training in value addition in crops transformation</b>   |    |    |    |    |
| 4.1        | Training in technical skills and knowledge in processing farm produce   |    |    |    |    |
| 4.2        | Training in marketing and sales skills  |    |    |    |    |
| 4.3        | Training in integration of producers and youth entrepreneur processors in the agro-food value chains  |    |    |    |    |
| <b>5.0</b> | <b>Development of agribusiness plans for 10 selected commodities</b>  |    |    |    |    |
| 5.1        | Market intelligence gathering on both production and value additions for selected agricultural commodities                                      |    |    |    |    |
| 5.2        | Development of value addition agribusiness plans  |    |    |    |    |
| 5.3        | Development of agri-businesses plans for commodities.   |    |    |    |    |
| 5.4        | Development of business plans on farm implement fabrication/modification for youth.   |    |    |    |    |
| <b>6.0</b> | <b>Infrastructural development to ensure an efficient learning environment</b>  |    |    |    |    |
| 6.1        | Inventory of agribusiness processing facilities/equipment in IITA, ABUAD and AfricaRice, and assessment of their suitability the project needs. |    |    |    |    |
| 6.2        | Expansion/Modification/upgrading of existing facility/equipment for commodity production and value addition                                     |    |    |    |    |
| 6.3        | Expansion/Modification/upgrading of existing infrastructure/facility for fabrication of equipment   |    |    |    |    |
| <b>7.0</b> | <b>Innovative Performance Monitoring of Training Progress and of agribusiness</b>   |    |    |    |    |
| 7.1        | Selection of innovative performance monitoring methodologies to assess business performance   |    |    |    |    |
| 7.2        | Training youth as beneficiaries, collaborators and leaders in performance monitoring and collation and submission of information                |    |    |    |    |
| 7.3        | Youth as partners providing information on their training progress  |    |    |    |    |
| 7.4        | Youth providing information in experiences and progress on employment progress  |    |    |    |    |
| 7.5        | TOTs proving information on their achievements  |    |    |    |    |
| 7.6        | Performance monitoring of Enterprises in terms of employment, revenue, profits joint businesses managed by trained youth                        |    |    |    |    |
| 7.7        | Monitoring evolution of youth from beneficiaries to collaborators and leaders.  |    |    |    |    |

|            |   |  |  |  |  |
|------------|---|--|--|--|--|
| 7.8        | Assessing and refining programme strategies and delivery. |  |  |  |  |
| <b>8.0</b> | <b>Financing Agribusinesses of Trained Youth</b>          |  |  |  |  |
| 8.1        | Awarding grants   |  |  |  |  |
| 8.2        | Monitoring Grant investments under implementation         |  |  |  |  |
| 8.3        | Youth mentorship programme                                |  |  |  |  |

## Innovation

### ***Recruitment and Selection of Youths for Training***

In order to make youth have direct online access to project information and training application, the project official webpage ([www.yeasa.org](http://www.yeasa.org)) and youth online training application platform were developed by the three project partners (ABUAD, IITA and AfricaRice). The webpage and the online training application platform developed have both French and English versions to cover Nigeria (English speaking) and Benin Republic (French speaking) readers and training applicants (Figure 4). Youth were invited to apply following a launch of the online portal and dissemination of information to rural communities through representatives. The project selection criteria were implemented, and youth were selected and invited for training in Nigeria and the Republic of Benin. The selection measures used are listed as follows:

1. Unemployment status
2. Age range (18–35)
3. Minimum of secondary school certification
4. Resident in rural areas
5. At least 10% participants belong to vulnerable social groups
6. Minimum of 30% female participation.

### ***Monitoring of Grant Awards***

In the monitoring of grant award, the deployment of in-cash and in-kind resources will commence when the start-up enterprises are ready to kick-start operation using environmental factors. For instance, the proposed start up enterprises by trainees that rely on rain fed agriculture would receive starter pack grants when the rains are established.

The team is developing a web-based marketing platform that is still in the development stage. All trainees will be required to register on the platform, and it can be accessed anywhere as long as there is an internet connection. The project team will identify off-takers for the commodities trained on, and information about the identified off-takers will be provided on the platform, which will help the trainees to connect with prospective off-takers of their products. Information on the variety and quantity to be produced for existing markets will also be made available on the platform.

In addition, an online mentorship platform is being developed for the trainees. The platform is to create a community of mentors for the trainees. The trainees will be able to communicate with the mentors via text and pictures on the platform and can set times for meetings.

### ***Knowledge management***

In order to have effective knowledge management for the project, project official webpage ([www.yeasa.org](http://www.yeasa.org)) and youth online training application platform were

developed by the three project partners (ABUAD, IITA and AfricaRice). The webpage and the online training application platform developed have both French and English versions to cover Nigeria (English speaking) and Benin Republic (French speaking) readers and training applicants (Figure 4). Youth were invited to apply following a launch of the online portal. The project has a Data Management Officer, Mr. Emmanuel Oludayo Onasanya, recruited by IITA and based in ABUAD IFAD Project Office. The Data Management Officer facilitates the project knowledge management activities and processes, strengthen the capacity of implementers so that the analysis products are available and shared timely among direct stakeholders. The project official webpage and youth online training application platform developed have administrator password-protected information sharing hub that allow the project partners to login directly to access project outputs as they are generated such as models, data sets, project management documents, training manuals, literature reviews, process documentation, list of training applicants, and facilitation for internal communication. Annual reports will be compiled to exchange progress information with the donor and project partners. Thus, project lessons, results and Annual reports are shared with external audiences within project countries and beyond.

### ***Scaling up and sustainability***

The Youth in Agribusiness Office of IITA has been confirmed as an Enterprise Development Center (EDC) by the Central Bank of Nigeria (CBN). This implies that youth trained in the project will have easy access to start-up capital especially funds from banks and allied financial institutions. AfricaRice have trained youths in rice value chain agribusiness and these youths have been certified by AfricaRice and confirmed by IFAD Value Chain Development Program (VCDP). Besides, other youth activities in agribusiness have been supported by Ekiti State Government in two areas of business enterprises (rice seed production and valued addition). These youths are linked to any agribusiness activities as stakeholders. Again, efforts are being made to mobilize additional funding opportunities for the most promising trained beneficiaries, and in this regard a concept note was submitted requesting US\$250,000 from two foundations in Nigeria.

The project is also linking up with ongoing Oyo State youth development initiatives to assess land for crop production enterprises for the youths trained and meetings have been facilitated in this regard. The Founder and President of ABUAD has agreed to provide grant award funds to trained youths that are not covered by the Project grant funds throughout the project period – \$38,000 USD was released in 2019 to empower trained youths in the project in Nigeria. In the Republic of Benin, IITA is working towards the establishment of an incubation center at the station. This center will serve as a hub for entrepreneurial support to agripreneurs in the country, years after the project life – trained youths in the project will have access to this support. In year 2, the project will link up with the AfDB-funded Technologies for African Agricultural Transformation (TAAT) program, through the ENABLE-TAAT compact. This linkage will provide easy access to innovative technologies being promoted by value chains related to the project such as cassava and maize. ENABLE-TAAT, managed by IITA Youth in Agribusiness Office, is set to function optimally in the Republic of Benin in 2020.

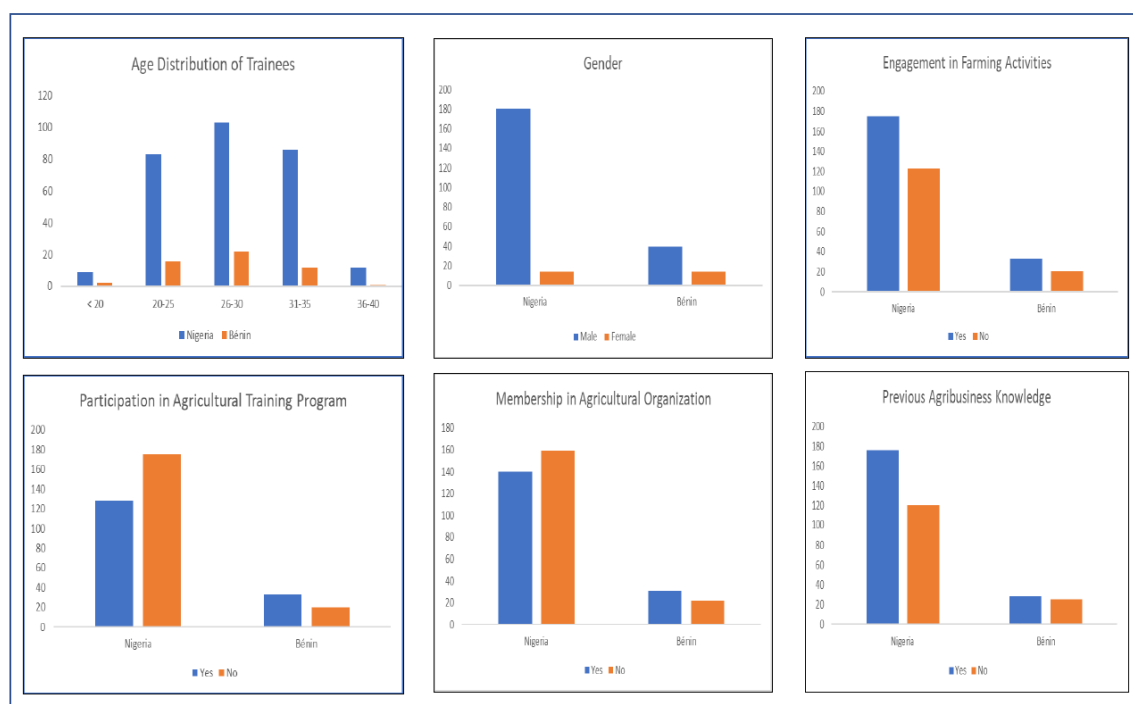
### ***Monitoring and evaluation***

In this first year of project implementation, some of the information available include outputs from the baseline questionnaire and training evaluation form administered.

## Baseline Questionnaire Analysis

Information now available for the 351 trained youths from Nigeria and Benin Republic in 2019 in terms of *age distribution of participants, gender distribution, engagement in farming activities, previous participation in agricultural training program, membership in agricultural organization, and previous agribusiness knowledge* (Figure 21). Age and gender distribution of 351 trained youth from Nigeria and Benin Republic have been documented. Information now available on trainees who have engaged in one or another forms of farming activity along the agricultural value chains or who have attended an agricultural training program in the past year prior to the training program (Figure 21). Number of trained who are members of agricultural organizations or who possessed agribusiness knowledge, no matter how little, prior to the training program have been documented.

Besides, additional information available for the 351 trained youths from Nigeria and Benin Republic in 2019 include *willingness to take farming as a business, participation in training program as a result of no job, capital losses in agriculture-related business, capacity of training to improve livelihood, and agriculture is the answer to food insecurity* (Figure 22). These findings revealed that more trained youths are willing to take farming as a business and participated in the training program as a result of no job. Some few numbers of trained have lost capital in one form of agribusiness in time past and was the reason for attending the training in order to improve their capacity, food security, income and livelihood.



**Figure 21.** Baseline questionnaire analysis of six parameters on trained youths from Nigeria and Benin Republic.



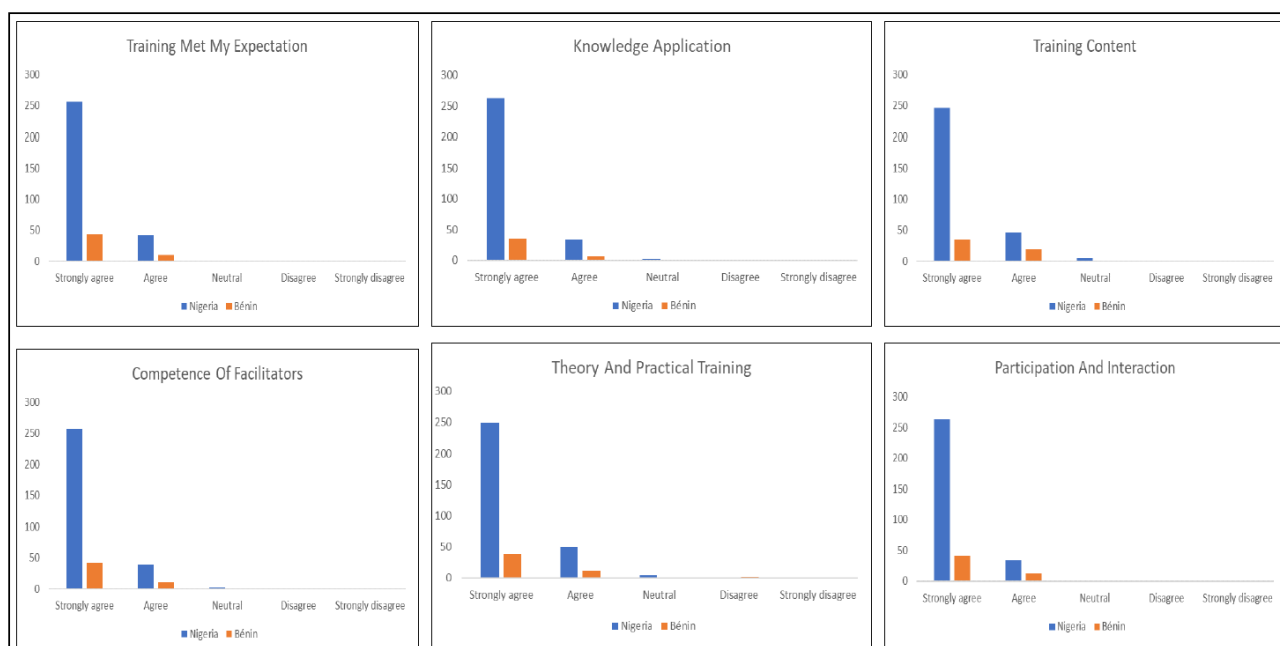
**Figure 22.** Baseline questionnaire analysis of four parameters on trained youths from Nigeria and Benin Republic.

### Training Evaluation

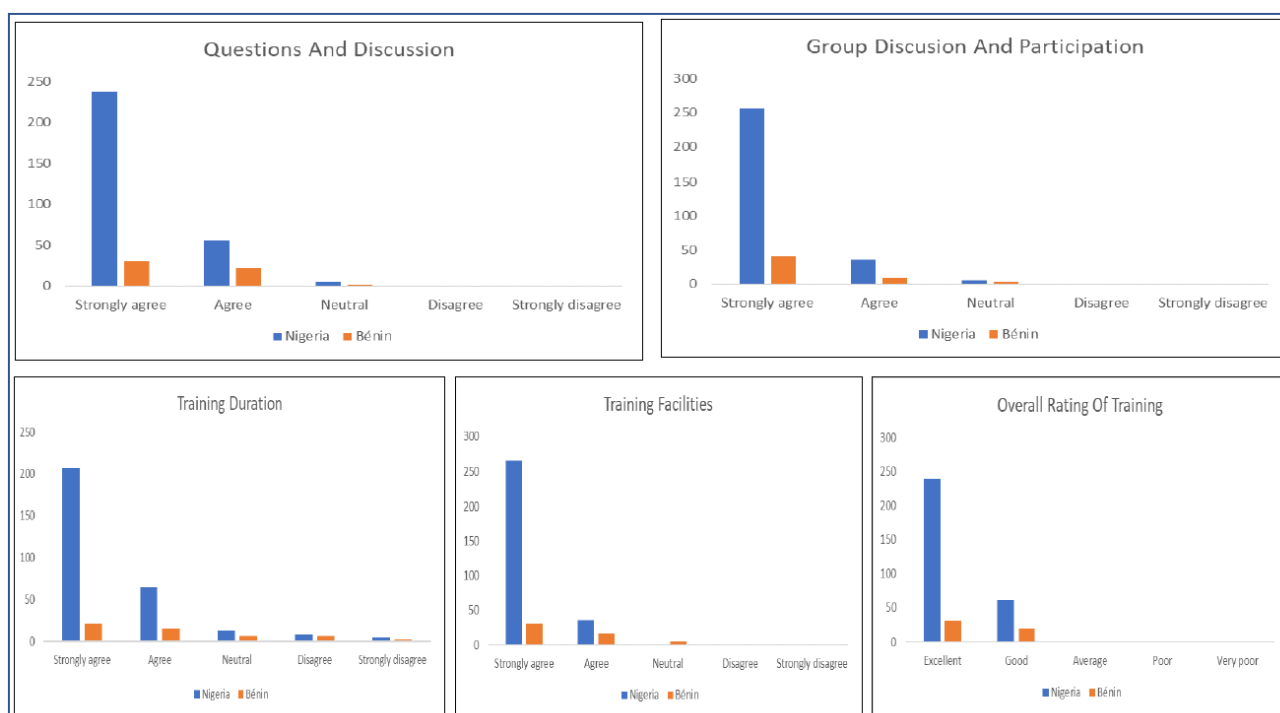
At the end of the training program the trainees were required to provide feedback on the entire training program. Information now available for the 351 trained youths from Nigeria and Benin Republic in 2019 using the questionnaires in terms of *training expectation, knowledge application, training content, competence of the training facilitators, theory and practical training, participation and interaction, questions and discussion, group discussion and participation, training duration, training facilities, and overall training rating* (Figures 23 and 24). Between 90-96 % of the 351 trained youths, expressed their opinion on the degree to which the training met their expectation, agreed on the applicability of the knowledge and skills gained during the training, agreed that the training content was well organized and easy to follow, agreed that the facilitators demonstrated comprehensive knowledge of the subject matter, agreed that the theory and practical aspect of the training was balanced and sufficient to run a profitable business, agreed that class participation and interaction were encouraged during the training program, agreed that adequate time was provided for questions and discussion, agreed that group discussion and participation would improve their collaboration and business partnerships, agreed that the training duration was sufficient, and also agreed that the training rooms and facilities were adequate and comfortable (Figures 23 and 24).

However, 77 % of 351 trained youths from Nigeria and Benin Republic in 2019 gave the overall rating of the training as “excellent” while the remaining 23 % gave the overall rating of the training as “good” (Figure 24). This consequently meant that all the trained youths accepted the agribusiness training as opportunities to improve their agribusiness skills towards achieving improved income and rural livelihood.





**Figure 23.** Training evaluation analysis of six parameters from trained youths' feedback from Nigeria and Benin Republic.



**Figure 24.** Training evaluation analysis of six parameters from trained youths' feedback from Nigeria and Benin Republic.

## Financial and fiduciary management

The total approved fund budgeted for 2019 was UD\$689,938 and ABUAD received **US\$ 438,000 and US\$98,453 funds from IFAD on 14 March 2019 and 16 March 2020 respectively** for conducting 2019 project activities. Out of the received fund, ABUAD

transferred on 29 March 2019, US\$12,000 fund to University of Abomey-Calavi Benin Republic, US\$161,536.65 fund to IITA (US\$84,311.25 project fund for IITA; US\$77,225.40 for ABUAD Personnel Cost for project staff recruited by IITA for ABUAD), and US\$83,186.25 fund to AfricaRice.

Although ABUAD received US\$ 438,000 fund from IFAD on 14 March 2019, a total of US\$668,473 was spent between 19 February 2019 and 31 March 2020 for conducting 2019 project activities (Table 23). Co-financing of US\$312,543 in kind and US\$434,896 in cash were spent between 19 February 2019 and 31 March 2020 for supporting 2019 project activities. We are looking forward to receiving "2019 Fund Balance" of US\$251,938 We hereby certify that the receipts from IFAD and above amounts have been expended for Eligible Expenditures for the proper execution of the Project in accordance with the terms and conditions of the Agreement dated 19 February 2019.

**Table 23.** Consolidated Statement of Expenditure for 19 February 2019 to 31 March 2020

Name of the Recipient: Afe Babalola University  
Grant No: 2000001336  
Name of Project: Youth Employment in Agri-business and Sustainable Agriculture (YEASA)  
Reporting period from: 19 February 2019 to 31 March 2020  
Currency: US\$

| Category of Expenditure [8]   | Reporting Period Budget | Reporting Period Expenditure | Project Budget [9] | Cumulative expenditure to start of reporting period | Cumulative expenditure to end of reporting period | Balance          | Co-financing in kind | Co-financing in cash |
|-------------------------------|-------------------------|------------------------------|--------------------|---|---|------------------|----------------------|----------------------|
| Salaries and Allowances       | 158,930                 | 141,646                      | 480,000            |   | 141,646   | 338,354          | 37,561               |                      |
| Grants and Subsidies          | 125,000                 | 126,648                      | 390,000            |   | 126,648   | 263,352          |                      | 37,500               |
| Consultancies                 | 26,800                  | 16,714                       | 80,000             |   | 16,714  | 63,286           | 49,000               |                      |
| Equipment and Materials       | 62,640                  | 69,558                       | 147,000            |   | 69,558  | 77,442           | 81,557               |                      |
| Operating costs               | 51,905                  | 43,739                       | 150,000            |   | 43,739  | 106,261          | 66,632               |                      |
| Goods, Services and Inputs    | 15,000                  | 12,265                       | 40,000             |   | 12,265  | 27,735           | 37,900               |                      |
| Travels and Allowances        | 15,880                  | 22,168                       | 48,000             |   | 22,168  | 25,832           | 5,243                | 62,222               |
| Training and Workshop         | 184,450                 | 186,188                      | 517,000            |   | 186,188   | 330,812          | 34,650               | 335,174              |
| <b>Sub Total Direct Costs</b> | <b>640,605</b>          | <b>618,927</b>               | <b>1,852,000</b>   |   | <b>618,927</b>                                    | <b>1,233,073</b> | <b>312,543</b>       | <b>434,896</b>       |
| Overhead/Management Fee       | 49,333                  | 49,546                       | 148,000            |   | 49,546  | 98,454           |                      |                      |
| <b>Total</b>                  | <b>689,938</b>          | <b>668,473</b>               | <b>2,000,000</b>   |   | <b>668,473</b>                                    | <b>1,331,527</b> | <b>312,543</b>       | <b>434,896</b>       |

## Conclusions and recommendations for follow up

The project activities at the end of 2019 progressed well. All the project activities under different components planned for 2019 have been successfully completed. The project year one activities produced 351 (38.2% female and 61.8% male) trained youths out of which 321 (91.5%; 40.1% female and 59.9% male) received Grant Awards Certificates as well as offered employment by given to them both equipment and cash grants to begin their agribusinesses in their respective rural areas. All the 351 trained youths also received Agribusiness Training Certificate. Some other achievements include, one fish smoking kiln fabricated for fish value addition, one rice thresher fabricated for seed/grain production, one macro-propagation chamber infrastructure rebuilt for sucker production, mango fruit processing upgraded for increased production, and four trainings modules together with ten 10 training manuals developed. There is need to cover more female in 2020 agribusiness training and giving preference to more youth from Benin Republic. Monitoring and evaluation on baseline questionnaire analysis revealed that more trained youths are willing to take farming as a business and participated in the training program as a result of no job while some it was due to lost capital in one form of agribusiness in

time past, with the overall aim to improve their capacity, food security, income and livelihood. Besides, monitoring and evaluation on training evaluation analysis revealed 77 % of 351 trained youths from Nigeria and Benin Republic in 2019 gave the overall rating of the training as “excellent” while the remaining 23 % gave the overall rating of the training as “good” which suggested that all the trained youths accepted the agribusiness training as opportunities to improve their agribusiness skills towards achieving sustainable empowerment, improved income and rural livelihood.

## Annexes/Appendices

### Annex 1: Trained participants in Nigeria.

**Annex 1.1:** List of youths that participated in the training on rice seed production technologies and value addition, Nigeria.

| S/N | Surname     | Other Names          | Gender | Module                    | Commodity |
|-----|-------------|----------------------|--------|---------------------------|-----------|
| 1   | Adedara     | Ariyo Emmanuel       | Male   | Agricultural Productions  | Rice      |
| 2   | AGBENYI     | MONDAY O.            | Male   | Agricultural Productions  | Rice      |
| 3   | Ajileye     | John Toyin           | Male   | Agricultural Productions  | Rice      |
| 4   | Akinniran   | Peter Adebare        | Male   | Agricultural Productions  | Rice      |
| 5   | Dada        | Taiwo Dami           | Male   | Agricultural Productions  | Rice      |
| 6   | Eniolorunda | Temidayo Elisha      | Male   | Agricultural Productions  | Rice      |
| 7   | FASUBA      | BUSAYO VICTOR        | Male   | Agricultural Productions  | Rice      |
| 8   | IFELOLA     | OLUWOLE OLUBUNMI     | Male   | Agricultural Productions  | Rice      |
| 9   | OGINNI      | OLUROPO JOHN         | Male   | Agricultural Productions  | Rice      |
| 10  | Omoya       | Sunday Adedara       | Male   | Agricultural Productions  | Rice      |
| 11  | AYODELE     | OLAYEMI BOLADE       | Female | Agricultural Productions  | Rice      |
| 12  | Balogun     | Temiloluwa Sijibomi  | Female | Agricultural Productions  | Rice      |
| 13  | Ibukun      | olajumoke            | Female | Agricultural Productions  | Rice      |
| 14  | OLORUNSANMI | IBUKUNOLUWA          | Female | Agricultural Productions  | Rice      |
| 15  | Ogunyanju   | Ayo Israel           | Male   | Agricultural Productions  | Rice      |
| 16  | Adepoju     | Mujeeb Olaide        | Male   | Agricultural Productions  | Rice      |
| 17  | Ige         | Olusola              | Male   | Agricultural Productions  | Rice      |
| 18  | Adegoke     | Ibrahim Akinkunmi    | Male   | Agricultural Productions  | Rice      |
| 19  | Bamimore    | Rasheed yinka        | Male   | Agricultural Productions  | Rice      |
| 20  | Ajagbe      | Taiwo Adebayo        | Male   | Agricultural Productions  | Rice      |
| 21  | Quadri      | Usman Olatunji       | Male   | Agricultural Productions  | Rice      |
| 22  | Adesope     | Samuel Oluwaseun     | Male   | Agricultural Productions  | Rice      |
| 23  | Dauda       | Abass Akande         | Male   | Agricultural Productions  | Rice      |
| 24  | OLAYIWOLA   | DAMILOLA YOMI        | Male   | Agricultural Productions  | Rice      |
| 25  | Adegoke     | Rukayat              | Female | Agricultural Productions  | Rice      |
| 26  | Ibijola     | Omowumi              | Female | Agricultural Productions  | Rice      |
| 27  | Olaibi      | Olajumoke kayayat    | Female | Agricultural Productions  | Rice      |
| 28  | OLUMAYEGUN  | CHRISTIANAH DUPE     | Female | Agricultural Productions  | Rice      |
| 29  | sajowa      | janet temitope       | Female | Agricultural Productions  | Rice      |
| 30  | Adejuwon    | Oladapo Ayokunle     | Male   | Mechanization/Fabrication | Rice      |
| 31  | ADEKOLA     | DAVID KAYODE         | Male   | Mechanization/Fabrication | Rice      |
| 32  | Kolawole    | Mercy                | Male   | Mechanization/Fabrication | Rice      |
| 33  | Owoseni     | Augustine Tosin      | Male   | Mechanization/Fabrication | Rice      |
| 34  | Akeem       | Nafiu Adeola         | Male   | Mechanization/Fabrication | Rice      |
| 35  | Giwa        | David Oluwasemiloore | Male   | Mechanization/Fabrication | Rice      |
| 36  | Yusuf       | Olalekan             | Male   | Mechanization/Fabrication | Rice      |
| 37  | Adelayo     | Kehinde              | Female | Value Addition            | Rice      |
| 38  | Filani      | Oluwaseun Oladayo    | Male   | Value Addition            | Rice      |
| 39  | IBITEYE     | OLUBUNMI DEBORAH     | Female | Value Addition            | Rice      |
| 40  | Olorunyomi  | Oluwatoyosi          | Female | Value Addition            | Rice      |
| 41  | Adedokun    | Dorcas Tosin         | Female | Value Addition            | Rice      |
| 42  | Nkanang     | Praise Korede        | Female | Value Addition            | Rice      |
| 43  | Ogunmoyero  | Oluwaseyi            | Male   | Value Addition            | Rice      |

## Annex 1.2: List of trained youths (Batch 1 - Fisheries) in Nigeria.

| S/N | Surname         | Other Names         | Gender | Module                   | Commodity |
|-----|-----------------|---------------------|--------|--------------------------|-----------|
| 1   | Famoriyo        | Ayomide Victoria    | Female | Agricultural Productions | Fisheries |
| 2   | Ogunlere        | Oluwatobi Matthew   | Male   | Agricultural Productions | Fisheries |
| 3   | Jonah           | Felicia Oluwaseun   | Female | Agricultural Productions | Fisheries |
| 4   | Odejide         | Emmanuel Opeyemi    | Male   | Value Addition           | Fisheries |
| 5   | Akinlusi        | Sunday Oluwafemi    | Male   | Value Addition           | Fisheries |
| 6   | Babalola        | Busayo Anthony      | Male   | Agricultural Productions | Fisheries |
| 7   | Jayeola         | Oluwakemi Janet     | Female | Value Addition           | Fisheries |
| 8   | Ayegbusi        | Olorunjuwa Joshua   | Male   | Agricultural Productions | Fisheries |
| 9   | Oladele         | Victoria Oluwatoyin | Female | Value Addition           | Fisheries |
| 10  | Olayinka        | Oluwaseun Matina    | Female | Agricultural Productions | Fisheries |
| 11  | Ogunmoripe      | Oluwaseun Anthony   | Male   | Value Addition           | Fisheries |
| 12  | Ogunsanya       | Abisoye Oluwaseun   | Male   | Agricultural Productions | Fisheries |
| 13  | Owokade         | Olaoluwa            | Male   | Agricultural Productions | Fisheries |
| 14  | Afun            | Tope Olatunji       | Male   | Agricultural Productions | Fisheries |
| 15  | Obitokun        | Oluwafolakemi       | Female | Agricultural Productions | Fisheries |
| 16  | Al              | Vicent Olawale      | Male   | Agricultural Productions | Fisheries |
| 17  | Ariyo           | Adeayo              | Female | Agricultural Productions | Fisheries |
| 18  | Awoniyi         | Sophia              | Female | Agricultural Productions | Fisheries |
| 19  | Awotunde        | Damilola Tunrayo    | Female | Agricultural Productions | Fisheries |
| 20  | Olaiya          | Temidayo Isaac      | Male   | Agricultural Productions | Fisheries |
| 21  | Olashinde       | Gbolahan Oluwaseun  | Male   | Agricultural Productions | Fisheries |
| 22  | Oloruntoke      | Oladimeji Isaac     | Male   | Agricultural Productions | Fisheries |
| 23  | Ogunniyi        | Dare Alex           | Male   | Agricultural Productions | Fisheries |
| 24  | Rotimi          | Tolulope Olamide    | Male   | Agricultural Productions | Fisheries |
| 25  | Salami          | Temitope Akinloye   | Male   | Agricultural Productions | Fisheries |
| 26  | Yusuf           | Aminat Romoke       | Female | Agricultural Productions | Fisheries |
| 27  | Akinjide        | Opeyemi Rapheal     | Male   | Agricultural Productions | Fisheries |
| 28  | Balogun         | Omolara Zainab      | Female | Agricultural Productions | Fisheries |
| 29  | Fajemiseye      | Ajoke Toyin         | Female | Value Addition           | Fisheries |
| 30  | Ibrahim         | Suleiman            | Male   | Agricultural Productions | Fisheries |
| 31  | Adetunji        | Samuel Olorunfemi   | Male   | Agricultural Productions | Fisheries |
| 32  | Olatilu         | Ayodeji Clement     | Male   | Agricultural Productions | Fisheries |
| 33  | Ologunde        | Folakemi Ruth       | Female | Value Addition           | Fisheries |
| 34  | Olowolafe       | Oluwabusayo Jide    | Male   | Value Addition           | Fisheries |
| 35  | Olugbade        | Olufunmilayo        | Female | Agricultural Productions | Fisheries |
| 36  | Ogundipe        | Victor Dare         | Male   | Value Addition           | Fisheries |
| 37  | Ogunmefun       | Adeolu Mathew       | Male   | Agricultural Productions | Fisheries |
| 38  | Aina            | Babatunde David     | Male   | Agricultural Productions | Fisheries |
| 39  | Ishola          | Usman Adekunle      | Male   | Agricultural Productions | Fisheries |
| 40  | Adesogan        | Oluwaseun Samuel    | Male   | Agricultural Productions | Fisheries |
| 41  | Awopegba        | Omolayo Kayode      | Male   | Agricultural Productions | Fisheries |
| 42  | Olaniyan        | Promise Paul        | Male   | Agricultural Productions | Fisheries |
| 43  | Badejo          | Adebimpe Grace      | Female | Agricultural Productions | Fisheries |
| 44  | Boboye          | Afolabi Adebimpe    | Male   | Agricultural Productions | Fisheries |
| 45  | Dada            | Emmanuel Oluwasola  | Male   | Agricultural Productions | Fisheries |
| 46  | Ogunleye        | Iyabode Folayemi    | Female | Agricultural Productions | Fisheries |
| 47  | Oluwarotimi     | Taye Joseph         | Male   | Value Addition           | Fisheries |
| 48  | Oluwasetire     | Dunsin Ayobami      | Female | Agricultural Productions | Fisheries |
| 49  | Sunday          | Oluwemi Odunayo     | Male   | Agricultural Productions | Fisheries |
| 50  | Akewusola       | Taofikat Omodasola  | Female | Agricultural Productions | Fisheries |
| 51  | Oyewo           | Abimbola Mayowa     | Female | Agricultural Productions | Fisheries |
| 52  | Williams-Oginni | Tolulope Moyosore   | Female | Value Addition           | Fisheries |
| 53  | Adeyeye         | Temitope Susan      | Female | Agricultural Productions | Fisheries |
| 54  | Ojo             | Kayode Ebenezer     | Male   | Agricultural Productions | Fisheries |
| 55  | Adewale         | Ojo Julius          | Male   | Agricultural Productions | Fisheries |
| 56  | Ajavi           | Adekunle Muviwa     | Male   | Agricultural Productions | Fisheries |
| 57  | Abejide         | Taiwo Henry         | Male   | Agricultural Productions | Fisheries |
| 58  | Adeshina        | Adekemi Folashade   | Female | Agricultural Productions | Fisheries |
| 59  | Ibitoye         | Olusola Elizabeth   | Female | Agricultural Productions | Fisheries |
| 60  | Agbaje          | Funmilayo Esther    | Female | Agricultural Productions | Fisheries |
| 61  | Fagorusi        | Sefunmi M.          | Female | Agricultural Productions | Fisheries |
| 62  | Fasola          | Olalekan Adebusi    | Male   | Agricultural Productions | Fisheries |
| 63  | Ibiteye         | Olusola Monday      | Male   | Agricultural Productions | Fisheries |
| 64  | Animashaun      | Francisca Olavemi   | Female | Agricultural Productions | Fisheries |
| 65  | Johnson         | Oluwapelumi         | Male   | Agricultural Productions | Fisheries |
| 66  | Adeleye         | Shola Sunday        | Male   | Agricultural Productions | Fisheries |
| 67  | Fanilola        | Oluwafemi Sola      | Male   | Agricultural Productions | Fisheries |
| 68  | Ogunde          | Henry Ayodeji       | Male   | Agricultural Productions | Fisheries |
| 69  | Uzundu          | Kelechi Chinenye    | Female | Value Addition           | Fisheries |
| 70  | Adebayo         | Taiwo               | Male   | Agricultural Productions | Fisheries |
| 71  | Adewoyin        | Samuel Adewale      | Male   | Agricultural Productions | Fisheries |
| 72  | Afuye           | Olamilakan Joshua   | Male   | Agricultural Productions | Fisheries |
| 73  | Anifowose       | Sunday Faith        | Male   | Agricultural Productions | Fisheries |
| 74  | Idowu           | Marcus Ademola      | Male   | Value Addition           | Fisheries |
| 75  | Obileye         | Alaba Sandra        | Female | Agricultural Productions | Fisheries |
| 76  | Olowolafe       | Isaac Sunday        | Male   | Agricultural Productions | Fisheries |
| 77  | Adebayo         | Adiat Adewumi       | Female | Agricultural Productions | Fisheries |
| 78  | Abu             | Abdulazeez          | Male   | Agricultural Productions | Fisheries |
| 79  | Aderibigbe      | Oluwafemi Abiodun   | Male   | Agricultural Productions | Fisheries |
| 80  | Adekunle        | Tope Micheal        | Male   | Agricultural Productions | Fisheries |

### Annex 1.3: List of trained youths (Batch 2 - Fisheries) in Nigeria.

| S/N | Surname      | Other Names          | Gender | Module                   | Commodity |
|-----|--------------|----------------------|--------|--------------------------|-----------|
| 1   | Abioye       | Abayomi Michael      | Male   | Agricultural Productions | Fisheries |
| 2   | Adedosu      | Emmanuel Ayodele     | Male   | Agricultural Productions | Fisheries |
| 3   | Adeleye      | Tolulope Festus      | Male   | Agricultural Productions | Fisheries |
| 4   | Ajayi        | Oluwaseyi            | Male   | Value Addition           | Fisheries |
| 5   | Ayodele      | Toyin Foluso         | Female | Value Addition           | Fisheries |
| 6   | Famroti      | Toyin Justina        | Female | Production               | Fisheries |
| 7   | Jonah        | Mercy Abiodun        | Female | Production               | Fisheries |
| 8   | Ojo          | Joshua Femi          | Male   | Production               | Fisheries |
| 9   | Okediya      | Eve Adetoro          | Female | Value Addition           | Fisheries |
| 10  | Oluyemi      | Ayomide John         | Male   | Value Addition           | Fisheries |
| 11  | Subair       | Ayoola David         | Male   | Production               | Fisheries |
| 12  | Adegboyega   | Abiola               | Male   | Agricultural Productions | Fisheries |
| 13  | Ajulo        | Ranti Mary           | Female | Value Addition           | Fisheries |
| 14  | Balogun      | Tolulope Oluwatoyin  | Female | Value Addition           | Fisheries |
| 15  | Braimah      | Shamsudeen Femi      | Male   | Agricultural Productions | Fisheries |
| 16  | David        | Olaoluwa Peter       | Male   | Production               | Fisheries |
| 17  | Fajana       | Omotola Martha       | Female | Production               | Fisheries |
| 18  | Falarunu     | Sola Johnson         | Male   | Production               | Fisheries |
| 19  | Hamzat       | Isiaq Ayansanya      | Male   | Value Addition           | Fisheries |
| 20  | Kehinde      | Ifeoluwa Olubukola   | Female | Production               | Fisheries |
| 21  | Olufunmilayo | Olanrewaju           | Male   | Value Addition           | Fisheries |
| 22  | Omoniyi      | Olayemi              | Female | Value Addition           | Fisheries |
| 23  | Osanyindoro  | Yetunde Mary         | Female | Production               | Fisheries |
| 24  | Salahudeen   | Roheemat Taiwo       | Female | Production               | Fisheries |
| 25  | Abimbola     | Anthonia Abimbola    | Female | Agricultural Productions | Fisheries |
| 26  | Adebisi      | Toheeb Adekunle      | Male   | Agricultural Productions | Fisheries |
| 27  | Adekola      | Basir Abiodun        | Male   | Agricultural Productions | Fisheries |
| 28  | Adepoju      | Abidemi Alice        | Female | Agricultural Productions | Fisheries |
| 29  | Aderogba     | Gabriel Adeyemi      | Male   | Agricultural Productions | Fisheries |
| 30  | Agboola      | Emmanuel Ayoajinde   | Male   | Agricultural Productions | Fisheries |
| 31  | Ajayi        | Oluwaseun Joseph     | Male   | Agricultural Productions | Fisheries |
| 32  | Ajuwon       | Adetola Comfort      | Female | Value Addition           | Fisheries |
| 33  | Anthony      | Oyindamola Caroline  | Female | Value Addition           | Fisheries |
| 34  | Basiru       | Basirat Dasola       | Female | Value Addition           | Fisheries |
| 35  | Dada         | Taye Ajoke           | Female | Agricultural Productions | Fisheries |
| 36  | Funmilayo    | Titilayo Olayinka    | Female | Value Addition           | Fisheries |
| 37  | Ibukun       | Olajumoke Omobolanle | Female | Value Addition           | Fisheries |
| 38  | Ilesanmi     | Wasiu Sunday         | Male   | Production               | Fisheries |
| 39  | Ogunleye     | Abimbola Catherine   | Female | Production               | Fisheries |
| 40  | Olotu        | Oluwatoyin Omolola   | Female | Production               | Fisheries |
| 41  | Oluwasuyi    | Olalekan Samuel      | Male   | Value Addition           | Fisheries |
| 42  | Opaleye      | Olabode Gabriel      | Male   | Production               | Fisheries |
| 43  | Orejesu      | Damilola Simeon      | Male   | Production               | Fisheries |
| 44  | Suluka       | Abiola Ahmed         | Male   | Production               | Fisheries |
| 45  | Abdurrazaq   | Razaqat Ifelola      | Female | Agricultural Productions | Fisheries |
| 46  | Adebayo      | Israel Olaniyi       | Male   | Agricultural Productions | Fisheries |
| 47  | Adesogan     | Faith Oluwatomipe    | Female | Agricultural Productions | Fisheries |
| 48  | Adewuyi      | Rahimot Adebimpe     | Female | Agricultural Productions | Fisheries |
| 49  | Adeyemo      | Adenike Adedamola    | Female | Agricultural Productions | Fisheries |
| 50  | Ajayi        | Adeniyi Emmanuel     | Male   | Agricultural Productions | Fisheries |
| 51  | Ajigbotoso   | Adeniyi Timothy      | Male   | Value Addition           | Fisheries |
| 52  | Akomolafe    | Oluwafemi Adeiye     | Male   | Value Addition           | Fisheries |
| 53  | Falodun      | Patience Titilope    | Female | Production               | Fisheries |
| 54  | Hammed       | Adam Alabi           | Male   | Value Addition           | Fisheries |
| 55  | Kayode       | Abiodun Sunday       | Male   | Production               | Fisheries |
| 56  | Ogunsakin    | Damilola Pelumi      | Female | Production               | Fisheries |
| 57  | Ojo          | Seun Victor          | Male   | Production               | Fisheries |
| 58  | Olagunju     | Israel Adewale       | Male   | Production               | Fisheries |
| 59  | Oloidi       | Abosede Oluwabunmi   | Female | Production               | Fisheries |
| 60  | Olowolayemo  | Tawakalitu           | Female | Value Addition           | Fisheries |
| 61  | Omotayo      | Bamidele Ayodele     | Male   | Value Addition           | Fisheries |
| 62  | Adebisi      | Adebayo Olajide      | Male   | Agricultural Productions | Fisheries |
| 63  | Ademola      | Kemi Rukayat         | Female | Agricultural Productions | Fisheries |
| 64  | Akanni       | Rotimi Babarinde     | Male   | Value Addition           | Fisheries |
| 65  | Alalade      | Adebimpe Damilola    | Female | Value Addition           | Fisheries |
| 66  | Daini        | Opeyemi Fisayo       | Female | Agricultural Productions | Fisheries |
| 67  | Joseph       | Opeyemi Ajayo        | Male   | Production               | Fisheries |
| 68  | Oke          | Ayosunkanmi          | Male   | Value Addition           | Fisheries |
| 69  | Oladele      | Opeyemi Omowumi      | Female | Value Addition           | Fisheries |
| 70  | Olotu        | Taiwo Stephen        | Male   | Production               | Fisheries |
| 71  | Oni          | Sunday Tolulope      | Male   | Value Addition           | Fisheries |
| 72  | Sobola       | Omobola Bukky        | Female | Production               | Fisheries |
| 73  | Agboola      | Moninuola            | Female | Agricultural Productions | Fisheries |
| 74  | Oladele      | Emmanuel Segun       | Male   | Value Addition           | Fisheries |
| 75  | Olaniyan     | Gbenga Oyeniyi       | Male   | Production               | Fisheries |
| 76  | Oni          | Deborah Anuoluwapo   | Female | Value Addition           | Fisheries |
| 77  | Ibrahim      | Rofiat Tomiwa        | Female | Value Addition           | Fisheries |
| 78  | Babalola     | Diekololami Ruth     | Female | Value Addition           | Fisheries |



|    |         |                   |        |                |           |
|----|---------|-------------------|--------|----------------|-----------|
| 79 | Ojo     | Victoria Anuoluwa | Female | Production     | Fisheries |
| 80 | Ibrahim | Abdulmaleek       | Male   | Value Addition | Fisheries |

#### **Annex 1.4: List of trained youths (Batch 3 - Fisheries) in Nigeria**

| S/N | Surname    | Other Names         | Gender | Module                           | Commodity   |
|-----|------------|---------------------|--------|----------------------------------|-------------|
| 1   | Aladesusi  | Gboyega A.          | Male   | Production                       | Fishery     |
| 2   | Awoniyi    | Folake Temitope     | Female | Value Addition                   | Fishery     |
| 3   | Oluwole    | Omolola             | Female | Value Addition                   | Fishery     |
| 4   | Adekola    | Adebukola Margaret  | Female | Production                       | Fishery     |
| 5   | Adevemi    | John Olumide        | Male   | Value Addition: Juice Production | Mango       |
| 6   | Ajayi      | Temitope Mary       | Female | Value Addition: Hair Cream       | Moringa     |
| 7   | Akinvoade  | Patience Ozavize    | Female | Value Addition                   | Fishery     |
| 8   | Bakare     | Mudasiru Olamide    | Male   | Production                       | Fishery     |
| 9   | Bamidele   | John Paul           | Male   | Value Addition                   | Fishery     |
| 10  | Idris      | Tairu Ayodele       | Male   | Value Addition: Soap Production  | Moringa     |
| 11  | Mudi       | Jeremiah Oyeniye    | Male   | Production                       | Fishery     |
| 12  | Omoleve    | Oluwafemi Emmanuel  | Male   | Production                       | Fishery     |
| 13  | Abiodun    | Kemisola Catherine  | Female | Production                       | Fishery     |
| 14  | Adeuwuyi   | Nafisat Omolola     | Female | Value Addition: Hair Cream       | Moringa     |
| 15  | Daramola   | Omotayo Francis     | Male   | Production                       | Fishery     |
| 16  | Ogunmiluyi | Oluwatobiloba Grace | Female | Production                       | Fishery     |
| 17  | Olaoluwa   | Oreoluwa Samson     | Male   | Value Addition                   | Fishery     |
| 18  | Olujide    | Sulaiman Oluwasegun | Male   | Value Addition: Chips Production | Mango       |
| 19  | Shonibare  | Tawakalit Motunrayo | Female | Value Addition                   | Fishery     |
| 20  | Suara      | Ishola              | Male   | Value Addition: Hair Cream       | Moringa     |
| 21  | Adebayo    | Oluwayemisi E.      | Female | Value Addition: Hair Cream       | Moringa     |
| 22  | Adu        | Temitope Victoria   | Female | Production                       | Fishery     |
| 23  | Esan       | Oyeyemi Janet       | Female | Production                       | Fishery     |
| 24  | Ogunleve   | Taiwo Olanike       | Female | Value Addition: Hair Cream       | Moringa     |
| 25  | Oloso      | Shamsudin           | Male   | Value Addition: Hair Cream       | Moringa     |
| 26  | Ademilola  | Blessing            | Female | Value Addition: Hair Cream       | Moringa     |
| 27  | Dauda      | Kolawole Muiz       | Male   | Fabrication /Mechanization       | Fabrication |
| 28  | Ojo        | Adenike Funmilayo   | Female | Value Addition                   | Fishery     |
| 29  | Ologuntove | Tolu                | Male   | Fabrication /Mechanization       | Fabrication |
| 30  | Adewole    | Ifeoluwa            | Female | Value Addition: Chips Production | Mango       |
| 31  | Ogunremi   | Oluwabusayomi       | Female | Value Addition: Hair Cream       | Moringa     |
| 32  | Adebisi    | Adebawale Emmanuel  | Male   | Value Addition: Soap Production  | Moringa     |
| 33  | Adewale    | Temidayo Ayokunle   | Male   | Value Addition                   | Fishery     |
| 34  | Ajayi      | Adebimpe Mary       | Female | Production                       | Fishery     |
| 35  | Akinola    | Sunday              | Male   | Production                       | Fishery     |
| 36  | Amodu      | Sunday Emmanuel     | Male   | Fabrication /Mechanization       | Fabrication |
| 37  | Emmanuel   | Joshua              | Male   | Value Addition: Juice Production | Mango       |
| 38  | Olawunmi   | Adeyemi Adebisi     | Female | Value Addition                   | Fishery     |
| 39  | Olutade    | Opeyemi Moses       | Male   | Value Addition                   | Fishery     |
| 40  | Omotola    | Sunday Kunle        | Male   | Value Addition: Juice Production | Mango       |
| 41  | Salami     | Rashidat            | Female | Value Addition: Hair Cream       | Moringa     |
| 42  | Faiyomi    | Temidayo Olakunle   | Male   | Fabrication /Mechanization       | Fabrication |
| 43  | Olaoluwa   | Oluwadara           | Male   | Fabrication /Mechanization       | Fabrication |
| 44  | Adevemo    | Temitope            | Female | Value Addition: Hair Cream       | Moringa     |
| 45  | Bakare     | Abdulateef Seun     | Male   | Production                       | Fishery     |
| 46  | Oke        | Temitope Ayomide    | Female | Production                       | Fishery     |
| 47  | Olajutemu  | Adeleke Evitayo     | Male   | Fabrication /Mechanization       | Fabrication |

**Annex 1.5:** List of trained youths (Batch 3 - Cassava and Plantain) in Nigeria.

| S/N | Surname    | Other Names           | Gender | Commodity |
|-----|------------|-----------------------|--------|-----------|
| 1   | Faola      | Iyanuoluwa Grace      | Female | Plantain  |
| 2   | Adebisi    | Amina Adeola          | Female | Plantain  |
| 3   | DUROJAIYE  | YETUNDE               | Female | Plantain  |
| 4   | Ishola     | Waliy olalekan        | Male   | Plantain  |
| 5   | AFOLAMI    | OLUWASEYE JOHNSON     | Male   | Plantain  |
| 6   | Egberinde  | Babajide Dimeji       | Male   | Plantain  |
| 7   | ABIOLA     | OLAWALE OLUSEYI       | Male   | Plantain  |
| 8   | Adeniyi    | John Seun             | Male   | Cassava   |
| 9   | Gbajumo    | Idowu                 | Male   | Plantain  |
| 10  | ikponwansa | praise oluwapelumi    | Male   | Plantain  |
| 11  | ABIMBOLA   | Taiwo Ogunyemi        | Male   | Plantain  |
| 12  | Abimbola   | Kehinde Oguntunde     | Male   | Plantain  |
| 13  | OLALERE    | ALIU ADIO             | Male   | Plantain  |
| 14  | IBIKUNLE   | TOHEEB ABIODUN        | Male   | Plantain  |
| 15  | Oke        | Funmilayo             | Female | Plantain  |
| 16  | Ateji      | Mathew                | Male   | Cassava   |
| 17  | Ibijola    | Tolulope              | Male   | Cassava   |
| 18  | Oguntowo   | Samod Yomi            | Male   | Cassava   |
| 19  | Adediran   | Oluwafemi Samuel      | Male   | Cassava   |
| 20  | Kolawole   | Tolulope oluwafemi    | Male   | Cassava   |
| 21  | Adesina    | Ridwan adeyemi        | Male   | Cassava   |
| 22  | Oyekunle   | oyebode kazeem        | Male   | Cassava   |
| 23  | Awelewa    | Olaronke              | Female | Cassava   |
| 24  | Adesina    | Oluwatobi Christianah | Female | Cassava   |
| 25  | Aderinkomi | Adedayo Joseph        | Male   | Cassava   |
| 26  | ROMILUYI   | OLABODE OJO           | Male   | Plantain  |
| 27  | Adigun     | Emmanuel              | Male   | Plantain  |
| 28  | Idowu      | Samuel Adeyinka       | Male   | Cassava   |
| 29  | Adeiza     | Taiwo Justinah        | Female | Cassava   |
| 30  | Abifade    | Temitayo Ojo          | Male   | Plantain  |
| 31  | Balogun    | Ayodeji               | Male   | Cassava   |
| 32  | Oluwadare  | Taiwo Stephen         | Male   | Cassava   |
| 33  | Oladipo    | Modupe Oluwabunmi     | Female | Plantain  |
| 34  | Adeyemi    | Sodiq                 | Male   | Plantain  |

**Annex 1.6:** List of trained youths (Batch 3 - Maize, Soybean, and Cowpea) in Nigeria.

| s/n | Surname   | Other Names         | Gender | Commodity      |
|-----|-----------|---------------------|--------|----------------|
| 1   | Adebayo   | Adekunle Babatunde  | Male   | Soybean/Cowpea |
| 2   | Adebayo   | Gbenga Adesola      | Male   | Maize          |
| 3   | Amidu     | Aliyu k.            | Male   | Soybean/Cowpea |
| 4   | Aribalusi | Temitayo seun       | Female | Maize          |
| 5   | AWOGBEMI  | ELIZABETH OLUWASEYI | Female | Maize          |
| 6   | Bamimore  | Oyinkansola         | Female | Maize          |
| 7   | ITIOLA    | BOLUWAJI            | Male   | Maize          |
| 8   | MORAKINYO | AJOKE AFUSAT        | Female | Maize          |
| 9   | Ogundeji  | Oloruntoba Taiwo    | Male   | Soybean/Cowpea |
| 10  | Olashinde | Oladeji Abidemi     | Male   | Maize          |
| 11  | Oseni     | Aishat Olasumbo     | Female | Soybean/Cowpea |
| 12  | Osunde    | Esther Onisofe      | Female | Maize          |
| 13  | Oyelakin  | Ifeoluwa Elijah     | Male   | Soybean/Cowpea |
| 14  | Uthman    | Rukayat Adewumi     | Female | Soybean/Cowpea |

## Annex 2: Trained participants in Benin Republic.

**Annex 2.1.** List of youths that participated in the training on rice seed production technologies and value addition, Republic of Benin.

| S/N | Surname                   | Other Names  | Gender | Module                   | Commodity |
|-----|---------------------------|--------------|--------|--------------------------|-----------|
| 1   | Donatien                  | AGBEGNINOU   | Male   | Agricultural Productions | Rice      |
| 2   | Djamiou Adéchina          | AYENA        | Male   | Agricultural Productions | Rice      |
| 3   | Bruno Richard             | KOKOU        | Male   | Agricultural Productions | Rice      |
| 4   | Razack                    | Koutchoro    | Male   | Agricultural Productions | Rice      |
| 5   | Mahukpégo William Wilfrid | OUSSA-KOUKOU | Male   | Agricultural Productions | Rice      |
| 6   | Yassaou                   | BARIZI BIO   | Male   | Agricultural Productions | Rice      |
| 7   | Albert                    | OLODO        | Male   | Agricultural Productions | Rice      |
| 8   | Hassane                   | OROUDOUARO   | Male   | Agricultural Productions | Rice      |
| 9   | Mariano Manou             | ADJAMAÏ      | Male   | Agricultural Productions | Rice      |
| 10  | Akossi Déo-gracias        | MONKPON      | Male   | Agricultural Productions | Rice      |
| 11  | Kocou Marcel              | AMOUSSOU     | Male   | Agricultural Productions | Rice      |
| 12  | Abiola Romain             | OGNONKITON   | Male   | Agricultural Productions | Rice      |
| 13  | Mariette                  | AGOINON      | Female | Agricultural Productions | Rice      |
| 14  | Dieuleveut Sognagnon      | OKE OWOLABI  | Male   | Value Addition           | Rice      |
| 15  | Mirlain                   | BOSSOU       | Male   | Value Addition           | Rice      |
| 16  | Amele Ahofan              | ASSOU        | Female | Value Addition           | Rice      |
| 17  | Oluwakèmi Omoniye Aimée   | BANKOLE      | Female | Value Addition           | Rice      |
| 18  | Bienvenu                  | EZIN         | Male   | Value Addition           | Rice      |
| 19  | Houéffa Marie Josée       | MEHOU        | Female | Value Addition           | Rice      |

**Annex 2.2.** List of trained youths (Batch 4 - Fisheries) in Republic of Benin.

| S/N | Family Name  | Other Names              | Gender | Module                   | Commodity |
|-----|--------------|--------------------------|--------|--------------------------|-----------|
| 1   | HOUENOU      | A. Jésusbè Daniel        | Male   | Agricultural Productions | Fisheries |
| 2   | AGBANDOU     | Pinawè Chèrlye           | Female | Agricultural Productions | Fisheries |
| 3   | AHONON       | Fifamè Sandrine          | Female | Agricultural Productions | Fisheries |
| 4   | DAHITO       | Dolou Jeannette          | Female | Agricultural Productions | Fisheries |
| 5   | DOSSOU       | Sourou Taofic            | Male   | Value Addition           | Fisheries |
| 6   | TOKPONNON    | Nayévèdo Godfried        | Male   | Agricultural Productions | Fisheries |
| 7   | AGBANGLA     | Claire                   | Female | Agricultural Productions | Fisheries |
| 8   | EZIN         | Adéyèmi Mario            | Male   | Value Addition           | Fisheries |
| 9   | FANDY        | Audrey                   | Male   | Value Addition           | Fisheries |
| 10  | FANOU KPONOU | Bidosessi Narcisse       | Male   | Value Addition           | Fisheries |
| 11  | HONFO        | Djidhoho Marcel          | Male   | Agricultural Productions | Fisheries |
| 12  | KOUHEVI      | Christian de Paul        | Male   | Agricultural Productions | Fisheries |
| 13  | CLOUE        | Gbodja Edossessi         | Male   | Value Addition           | Fisheries |
| 14  | MEGNONHOU    | Basile                   | Male   | Agricultural Productions | Fisheries |
| 15  | ALADJO       | Vivance Amour            | Male   | Agricultural Productions | Fisheries |
| 16  | ASSOGBA      | Foumilayo Bertille       | Female | Agricultural Productions | Fisheries |
| 17  | AVAHOUI      | Carmelda                 | Female | Value Addition           | Fisheries |
| 18  | DOSSOU       | Charlène Cornelia Délali | Female | Value Addition           | Fisheries |
| 19  | ZAKARI       | Hadirou                  | Male   | Agricultural Productions | Fisheries |
| 20  | HOTEKPO      | Jesugo Amos              | Male   | Agricultural Productions | Fisheries |
| 21  | ODIBAMOU     | Eloïse                   | Female | Agricultural Productions | Fisheries |
| 22  | ADOUN        | Adivigo E. Armelle       | Female | Agricultural Productions | Fisheries |
| 23  | AGOUMARO     | Mitonssou Jules          | Male   | Agricultural Productions | Fisheries |
| 24  | HOUNHOUIGAN  | Mathias Toudonou         | Male   | Agricultural Productions | Fisheries |
| 25  | HOUNTOHOTEG  | Marie-Josée              | Female | Agricultural Productions | Fisheries |

**Annex 2.3.** List of trained youths (Batch 4 - Cassava) in Republic of Benin.

| S/N | Surname         | Other Names         | Gender | Commodity |
|-----|-----------------|---------------------|--------|-----------|
| 1   | SALAMI          | Atchamou Chouhaibou | Male   | Cassava   |
| 2   | BAH             | Abdoul Aziz         | Male   | Cassava   |
| 3   | AHOSSI          | Cadnel Odilon       | Male   | Cassava   |
| 4   | MEDEHOUENOU     | Florentin           | Male   | Cassava   |
| 5   | Dossa           | Azonvide Hubert     | Male   | Cassava   |
| 6   | KOUKE           | Riwan Jaurès Uriel  | Male   | Cassava   |
| 7   | MOUANGOU GNAMOU | Yepoudoua Remi      | Male   | Cassava   |
| 8   | TCHEKE          | Bernadin            | Male   | Cassava   |
| 9   | Achade          | Biao Brice          | Male   | Cassava   |

## Annex 3: Internship Logbook.

Youth Employment in Agribusiness and Sustainable Agriculture  
(YEASA)

### Project Log Book

Name: \_\_\_\_\_

Commodity: \_\_\_\_\_

Trainee's Signature

Supervisor's Signature



Weekly progress report: Week 1 ( \_/\_/\_ ) to ( \_/\_/\_ )

Description of Work Done

Monday Date: \_\_\_\_\_ Location: \_\_\_\_\_

| Activities | Description |
|------------|-------------|
|            |             |
|            |             |
|            |             |
|            |             |
|            |             |
|            |             |

Remarks: \_\_\_\_\_

Tuesday Date: \_\_\_\_\_ Location: \_\_\_\_\_

| Activities | Description |
|------------|-------------|
|            |             |
|            |             |
|            |             |
|            |             |
|            |             |
|            |             |

Remarks: \_\_\_\_\_

## Annex 4: Baseline and training evaluation questionnaire.



### YEASA PROJECT BASELINE QUESTIONNAIRE

Name: \_\_\_\_\_  
 Age: \_\_\_\_\_  
 Gender: \_\_\_\_\_  
 LGA: \_\_\_\_\_  
 State: \_\_\_\_\_  
 Educational Status: \_\_\_\_\_

Kindly tick (✓) to answer below questions.

| Assessment Questions   | Yes | No |
|--|-----|----|
| 1 Are you a farmer?  |     |    |
| 2 Are you an entrepreneur?   |     |    |
| 3 Are you presently not working at all                                 |     |    |
| 4 Have you been farming for over 5 years and above?                    |     |    |
| 5 Have you attended Agricultural related training in the last 1 year?  |     |    |
| 6 Are you a member of any Agricultural organization?                   |     |    |
| 7 Do you have previous knowledge in Agri-business?                     |     |    |
| 8 Are you willing to take farming as a business?                       |     |    |
| 9 Did you come for this training as a result of no job in the country? |     |    |
| 10 Have you ever lost your capital on Agric. related business          |     |    |
| 11 Do you think this training can improve your livelihood?             |     |    |
| 12 Do you believe agriculture is the answer to food insecurity?        |     |    |

Any other comments?

.....  
 .....  
 .....  
 .....  
 .....



### YEASA PROJECT TRAINING EVALUATION FORM

Kindly tick (✓) to answer below questions

| Evaluation Statements  | Strongly Agree | Agree | Neutral | Disagree | Strongly Disagree |
|--|----------------|-------|---------|----------|-------------------|
| 1 The training met my expectations.  |                |       |         |          |                   |
| 2 I will be able to apply the knowledge and skills acquired during the training in my business enterprise  |                |       |         |          |                   |
| 3 The training content was well organized and easy to follow.  |                |       |         |          |                   |
| 4 The Facilitators demonstrated comprehensive knowledge of the sessions facilitated                        |                |       |         |          |                   |
| 5 The theory and practical aspect of the training was balanced and sufficient to run a profitable business |                |       |         |          |                   |
| 6 Class participation and interactions were encouraged.  |                |       |         |          |                   |
| 7 Adequate time was provided for questions and discussions.  |                |       |         |          |                   |
| 8 Group discussion and participation will improve our collaboration and business partnerships.             |                |       |         |          |                   |
| 9 The length of the training was sufficient.   |                |       |         |          |                   |
| 10 The training rooms and facilities were adequate and comfortable.  |                |       |         |          |                   |

11. What would be your overall rating of this training? Please tick one.

Excellent ☐ Good ☐ Average ☐ Poor ☐ Very poor ☐

12. Which aspects of the training could be improved?

.....  
 .....  
 .....

13. General areas of improvement / Comments?

.....  
 .....



## Annex 5: Program of first work planning and implementation meeting

| Date  | Activity   | Time          | Duration   | Session Participation  |
|---|--|---------------|------------|--|
| Sunday 23 June 2019   | Arrival of project partners and stakeholders   |               |            |  |
| Monday 24 June 2019.<br>Reporters:<br>ABUAD and IITA        | Registration of participants   | 9.00 – 9.30   | 30 minutes | IITA & ABUAD   |
|   | Recognition & introductions  | 9.30 – 9.45   | 15 minutes | IITA (Interactive Session)   |
|   | IITA, AfricaRice & ABUAD video documentary   | 9.45 – 10.05  | 20 minutes | IITA/ABUAD/AfricaRice  |
|   | Welcome – Deputy Director General, Partnerships for Delivery (P4D), IITA   | 10.05 – 10.15 | 10 minutes | Dr. Dashiell   |
|   | Remarks – AfricaRice Representative Nigeria  | 10.15 – 10.25 | 10 minutes | Dr. Nwile  |
|   | Project overview and action plan   | 10.25 – 10.55 | 30 minutes | Project Manager  |
|   | Agree on terms of project partnership (collaboration modalities and sub-agreements)  | 10.55 – 11.05 | 10 minutes | Project Manager (Interactive Session)                                      |
|   | Coffee/Tea Break & Group Photo   | 11.05 – 11.20 | 15 minutes | IITA   |
|   | Start-up work plan for all components and implementation arrangement for 2019  | 11.20 – 11.50 | 30 minutes | ABUAD  |
|   | 2019 budgets and procurement plans   | 11.50 – 12.20 | 30 minutes | IITA   |
|   |  | 12.20 – 12.50 | 30 minutes | AfricaRice   |
|   |  | 12.50 – 13.20 | 30 minutes | University of Calavi   |
|   | Lunch Break  | 13.20 – 14.20 | 60 minutes | IITA   |
|   | Topic: Question & Answer.<br>Objective: Address specific queries.  | 14.20 – 14.55 | 35 minutes | IITA (Interactive Session)   |
|   | 2019 Target delivery of Project results by Components  |               |            |  |
|   | Component 1: Conduct project inception and annual planning workshops<br>Activity 1.1: Output of project inception workshop<br>Activity 1.2: Output of annual review and planning workshops   | 14.55 – 15.25 | 30 minutes | Project Manager (Interactive Session)                                      |
|   | Component 2: Development of Youths' Managerial technical, business, entrepreneurial, and life skills<br>Activity 2.1: Output of training needs assessment<br>Activity 2.2: Output of development/updating of Training manuals<br>Activity 2.3: Output of small business management training.<br>Activity 2.4: Output of development of three agribusiness training modules, commodity production module, value addition module and agribusiness development module.<br>Activity 2.5: Output of life skills training, personal interaction and negotiation in the marketplace, selling and business administration.<br>Activity 2.6: Output of complementary training in information including Information communications technology (ICT) and vocational skills.<br>Activity 2.7: Output of certification of trainees after training by ABUAD<br>Activity 2.8: Output of trainee industrial attachment.<br>Topic: Question & Answer.<br>Objective: Address specific queries.                             | 15.25 – 16.25 | 60 minutes | Interactive Session<br>IITA<br>AfricaRice<br>ABUAD<br>University of Calavi |
|   |  | 16.25 – 16.55 | 30 minutes | ABUAD (Interactive Session)  |
| Tuesday 25 June 2019.<br>Reporters:<br>ABUAD and AfricaRice | 2019 Target delivery of Project results by Components  |               |            |  |
|   | Component 3: Training in agricultural production operations (contract farming)<br>Activity 3.1: Output of overall farm management with specific focus on on-farm production of each of the 10 commodities selected.<br>Activity 3.2: Output of quality control during production, Post-harvest handling/selection, washing, and packaging/transport/storage.<br>Activity 3.3: Output of pricing of farm produce for the market.<br>Activity 3.4: Output of safe and efficient use of pesticides.<br>Activity 3.5: Output of soil fertility management.<br>Activity 3.6: Output of efficient water use at farm level including irrigation.  | 9.00 – 10.00  | 60 minutes | Interactive Session<br>IITA<br>AfricaRice<br>ABUAD<br>University of Calavi |
|   | Component 4: Development of agribusiness plans for 10 selected commodities<br>Activity 4.1: Output of market intelligence gathering on both production and value additions for selected agricultural commodities<br>Activity 4.2: Output of development of value addition agribusiness plans<br>Activity 4.3: Output of development of agri-businesses plans for commodities.<br>Activity 4.4: Output of development of business plans on farm implement fabrication/modification for youth.   | 10.00 – 11.00 | 60 minutes | Interactive Session<br>IITA<br>AfricaRice<br>ABUAD<br>University of Calavi |
|   | Coffee/Tea Break   | 11.00 – 11.15 | 45 minutes | IITA   |
|   | Component 5: Infrastructural development to ensure an efficient learning environment<br>Activity 5.1: Output of inventory of agribusiness processing facilities/equipment in IITA, ABUAD and AfricaRice, and assessment of their suitability to the project needs.<br>Activity 5.2: Output of expansion/Modification/upgrading of existing facility/equipment for commodity production and value addition<br>Activity 5.3: Output of expansion/Modification/upgrading of existing infrastructure/facility for fabrication of equipment<br>Topic: Question & Answer.<br>Objective: Address specific queries.  | 11.15 – 12.00 | 45 minutes | Interactive Session<br>IITA<br>AfricaRice<br>ABUAD                         |
|   |  | 12.00 – 12.45 | 45 minutes | IITA (Interactive Session)   |
|   | Lunch Break  | 12.45 – 13.45 | 60 minutes | IITA   |
|   | Component 6: Innovative Performance Monitoring of Training Progress and of agribusiness.<br>Activity 6.1: Output of selection of innovative performance monitoring methodologies to assess business performance<br>Activity 6.2: Output of training youth as beneficiaries, collaborators and leaders in performance monitoring and collation and submission of information<br>Activity 6.3: Output of youth as partners providing information on their training progress<br>Activity 6.4: Output of youth providing information in experiences and progress on employment progress<br>Activity 6.5: TOTs providing information on their achievements<br>Activity 6.6: Output of performance monitoring of Enterprises in terms of employment, revenue, profits joint businesses managed by trained youth<br>Activity 6.7: Output of monitoring evolution of youth from beneficiaries to collaborators and leaders.<br>Activity 6.8: Output of assessing and refining programme strategies and delivery. | 13.45 – 14.45 | 60 minutes | Interactive Session<br>IITA<br>AfricaRice<br>ABUAD                         |
|   | 2019 Financial Governance<br>Financial reporting and audit arrangements<br>Procurement procedures for goods, services and human resources<br>Financial management systems (Accounting specifications & Disbursement)   | 14.45 – 15.30 | 45 minutes | Interactive Session<br>IITA<br>AfricaRice<br>ABUAD                         |
|   | 2019 timely technical, financial and audit reports<br>2019 timely progress report on technical and knowledge management achievements   | 15.30 – 16.00 | 30 minutes | Interactive Session<br>IITA<br>AfricaRice<br>ABUAD                         |
| Wednesday 26 June 2019                                      | Topic: Question & Answer.<br>Objective: Address specific queries.<br>Closing Remark  | 16.00 – 16.30 | 30 minutes | AfricaRice (Interactive Session)   |
|   |  | 16.30 – 16.45 | 15 minutes | Dr. Dashiell   |
|   | Departure of partners and stakeholders   |               |            |  |

## Annex 6: Picture gallery of the Project inception workshop



## Program

| Date   | Activity   | Time               | Duration           | Session Participation                   |
|--|--|--------------------|--------------------|---|
| <b>Sunday 30 June, 2019:</b> Arrival of IFAD team, stakeholders, and partners    |  |                    |                    |   |
| <b>Monday 1 July 2019.</b><br><br><b>Reporters: ABUAD and IITA</b>               | ABUAD Welcomes IFAD Team   | 09:00–09:10        | 10 minutes         | ABUAD PRO                               |
|  | Introduction of the Founder and Management   | 09:10–09:20        | 10 minutes         | ABUAD PRO                               |
|  | Introduction of IFAD team, stakeholders, partners, etc.  | 09:20–09:30        | 10 minutes         | IFAD                                    |
|  | ABUAD Video Documentary  | 09:30–09:45        | 15 minutes         | ABUAD PRO                               |
|  | VC Welcome Address   | 09:45–09:55        | 10 minutes         | ABUAD VC                                |
|  | IFAD Team Mission  | 09:55–10:05        | 10 minutes         | IFAD                                    |
|  | Founder's Address  | 10:05–10:25        | 20 minutes         | ABUAD Founder                           |
|  | Group Photo  | 10:25–10:30        | 5 minutes          | ABUAD                                   |
|  | Tour of the University and ABUAD Farm  | 10:30–02:30        | 120 minutes        | ABUAD                                   |
|  | Lunch Break  | 12:30–13:30        | 60 minutes         | ABUAD                                   |
|  | <b>IFAD PROJECT PRESENTATION SESSION</b>   |                    |                    |   |
|  | <b>Topic:</b> Overview of IFAD project life cycle.<br><b>Objective:</b> Inform on documentation to be submitted at each stage of the cycle.          | 13:30–13:50        | 20 minutes         | IFAD as presenter                       |
|  | <b>Topic:</b> Annual Work Plan and Budgets Procurement Plans compliant with IFAD guidelines.<br><b>Objective:</b> Obtain IFAD no-objections          | 13:50–14:30        | 40 minutes         | IFAD as presenter                       |
|  | <b>Topic:</b> Withdrawal Applications and Statement of Expenditures.<br><b>Objective:</b> Obtain timely disbursements.                               | 14:30– 5:10        | 40 minutes         | IFAD as presenter                       |
|  | <b>Coffee/Tea Break</b>  | <b>15:10–15:25</b> | <b>15 minutes</b>  | <b>ABUAD</b>                            |
|  | <b>Topic:</b> Financial and project Audit Reports.<br><b>Objective:</b> Comply with the new IFAD requirements.                                       | 15:25–16:00        | 35 minutes         | IFAD as presenter                       |
|  | <b>Topic:</b> Progress Report on technical and knowledge management achievements.<br><b>Objective:</b> Allow straightforward performance monitoring. | 16:00–16:45        | 45 minutes         | IFAD as presenter                       |
|  | <b>Dinner Cocktail</b>   | <b>19:00–21:00</b> | <b>120 minutes</b> | <b>ABUAD</b>                            |
| <b>Tuesday 2 July 2019.</b><br><br><b>Reporters: ABUAD and AfricaRice</b>        | Topic: Project overview and action plan.<br><br>Objective: A detailed start-up work plan is presented to emphasize:                                  | 9:00–10:00         | 60 minutes         | ABUAD as presenter                      |
|  | - Implementation arrangement   | 10:00–10:30        | 30 minutes         | IITA as presenter                       |
|  | - Operations work plan   | 10:30–11:00        | 30 minutes         | AfricaRice                              |
|  | - Terms of the project partnership (collaboration modalities and sub-agreements)   | 11:00–11:30        | 30 minutes         | University of Calavi                    |
|  | <b>Coffee/Tea Break</b>  | <b>11:30–11:45</b> | <b>15 minutes</b>  | <b>ABUAD</b>                            |
|  | <b>Topic:</b> Learning clinic.<br><b>Objective:</b> Apply the notions presented during the training to real cases.                                   | 11:45–12:45        | 60 minutes         | IFAD as moderator (Interactive Session) |
|  | <b>Lunch Break</b>   | <b>12:45–15:45</b> | <b>120 minutes</b> | <b>ABUAD</b>                            |
|  | <b>Topic:</b> Question & Answer.<br><b>Objective:</b> Address specific queries.  | 15:45–17:15        | 90 minutes         | IFAD as moderator (Interactive Session) |
|  | Closing Remark   | 17:15–17:30        | 15 minutes         | ABUAD VC                                |
| <b>Wednesday 3 July 2019:</b> Departure of IFAD team, stakeholders, and partners |  |                    |                    |   |



## Annex 7: Program of 2019 project progress review and 2020 workplan workshop

| Date   | Activity  | Time          | Duration                               | Session Participation       |
|--|---|---------------|--|-----------------------------|
| Wednesday 18 December 2019                                     | Arrival of project partners and stakeholders  |               |  |                             |
| Thursday 19 December 2019.<br><br>Reporters:<br>ABUAD and IITA | Registration of participants  | 9.00 – 9.30   | 30 minutes                             | IITA & ABUAD                |
|  | Recognition & introductions   | 9.30 – 9.45   | 15 minutes                             | IITA (Interactive Session)  |
|  | IITA, AfricaRice & ABUAD video documentary  | 9.45 – 10.05  | 20 minutes                             | IITA/ABUAD/AfricaRice       |
|  | Welcome - Deputy Director General, Partnerships for Delivery (P4D). IITA  | 10.05 – 10.15 | 10 minutes                             | Dr. Kenton Dashiell         |
|  | Remarks – AfricaRice Regional Representative Nigeria  | 10.15 – 10.25 | 10 minutes                             | Dr. Francis Nwilene         |
|  | Coffee/Tea Break  | 10.25 – 10.45 | 20 minutes                             | IITA                        |
|  | 2019 Activities Project Results By Components   |               |  |                             |
|  | <b>Component 1: Conduct project inception and annual planning workshops</b>   | 10.45 – 10.55 | 10 minutes                             | Project Manager             |
|  | Activity 1.1: Output of project inception workshop  |               |  |                             |
|  | Activity 1.2: Output of annual review and planning workshops  |               |  |                             |
|  | <b>Component 2: Development of Youths' Managerial technical, business, entrepreneurial, and life skills</b>   | 10.55 – 11.55 | 20 minutes<br>20 minutes<br>20 minutes | IITA<br>AfricaRice<br>ABUAD |
|  | Activity 2.1: Output of training needs assessment   |               |  |                             |
|  | Activity 2.2: Output of development/updating of Training manuals  |               |  |                             |
|  | Activity 2.3: Output of small business management training.   |               |  |                             |
|  | Activity 2.4: Output of development of three agribusiness training modules, commodity production module, value addition module and agribusiness development module.     |               |  |                             |
|  | Activity 2.5: Output of life skills training, personal interaction and negotiation in the marketplace, selling and business administration.                             |               |  |                             |
|  | Activity 2.6: Output of complementary training in information including Information communications technology (ICT) and vocational skills.                              |               |  |                             |
|  | Activity 2.7: Output of certification of trainees after training by ABUAD   |               |  |                             |
|  | Activity 2.8: Output of trainee industrial attachment.  |               |  |                             |
|  | <b>Component 3: Training in agricultural production operations (contract farming)</b>   |               |  |                             |
|  | Activity 3.1: Output of overall farm management with specific focus on on-farm production of each of the 10 commodities selected.                                       |               |  |                             |
|  | Activity 3.2: Output of quality control during production, Post-harvest handling/selection, washing, and packaging/transport/storage.                                   |               |  |                             |
|  | Activity 3.3: Pricing of farm produce for the market.   |               |  |                             |
|  | Activity 3.4: Output of safe and efficient use of pesticides.   |               |  |                             |
|  | Activity 3.5: Output of soil fertility management.  |               |  |                             |
|  | Activity 3.6: Output of efficient water use at farm level including irrigation.   |               |  |                             |
|  | <b>Component 4: Training in value addition in crops transformation.</b>   |               |  |                             |
|  | Activity 4.1: Output of training in technical skills and knowledge in processing farm produce.  |               |  |                             |
|  | Activity 4.2: Output of training in marketing and sales skills.   |               |  |                             |
|  | Activity 4.3: Output of training in integration of producers and youth entrepreneur processors in the agro-food value chains.   |               |  |                             |
|  | Topic: Question & Answer.<br>Objective: Address specific queries.<br>(Interactive Session)  | 11.55 – 12.25 | 30 minutes                             | IITA<br>AfricaRice<br>ABUAD |
|  | Lunch Break   | 12.25 – 13.25 | 60 minutes                             | IITA                        |
|  | 2019 Activities Project Results By Components Continues   |               |  |                             |
|  | <b>Component 5: Development of agribusiness plans for 10 selected commodities</b>   | 13.25 – 14.25 | 20 minutes<br>20 minutes<br>20 minutes | IITA<br>AfricaRice<br>ABUAD |
|  | Activity 5.1: Output of market intelligence gathering on both production and value additions for selected agricultural commodities                                      |               |  |                             |
|  | Activity 5.2: Output of development of value addition agribusiness plans  |               |  |                             |
|  | Activity 5.3: Output of development of agri-businesses plans for commodities.   |               |  |                             |
|  | Activity 5.4: Output of development of business plans on farm implement fabrication/modification for youth.   |               |  |                             |
|  | <b>Component 6: Infrastructural development to ensure an efficient learning environment</b>   |               |  |                             |
|  | Activity 6.1: Output of inventory of agribusiness processing facilities/equipment in IITA, ABUAD and AfricaRice, and assessment of their suitability the project needs. |               |  |                             |
|  | Activity 6.2: Output of expansion/Modification/upgrading of existing facility/equipment for commodity production and value addition                                     |               |  |                             |
|  | Activity 6.3: Output of expansion/Modification/upgrading of existing infrastructure/facility for fabrication of equipment   |               |  |                             |
|  | <b>Component 7: Innovative Performance Monitoring of Training Progress and of agribusiness.</b>   |               |  |                             |
|  | Activity 7.1: Output of selection of innovative performance monitoring methodologies to assess business performance.  |               |  |                             |
|  | Activity 7.2: Output of training youth as beneficiaries, collaborators and leaders in performance monitoring and collation and submission of information.               |               |  |                             |
|  | Activity 7.3: Output of youth as partners providing information on their training progress.   |               |  |                             |
|  | Activity 7.4: Output of youth providing information in experiences and progress on employment progress.   |               |  |                             |
|  | Activity 7.5: Output of TOTs proving information on their achievements profits joint businesses managed by trained youth.   |               |  |                             |
|  | Activity 7.6: Output of performance monitoring of Enterprises in terms of employment, revenue, profits joint businesses managed by trained youth                        |               |  |                             |
|  | Activity 7.7: Output of monitoring evolution of youth from beneficiaries to collaborators and leaders.  |               |  |                             |
|  | Activity 7.8: Output of assessing and refining programme strategies and delivery.   |               |  |                             |
|  | <b>Component 8.0: Financing Agribusinesses of Trained Youth.</b>  |               |  |                             |
|  | Activity 8.1: Output of awarding grants.  |               |  |                             |
|  | Activity 8.2: Output of monitoring Grant investments under implementation.  |               |  |                             |
|  | Activity 8.3: Output of youth mentorship programme.   |               |  |                             |
|  | Topic: Question & Answer.<br>Objective: Address specific queries.<br>(Interactive Session)  | 14.25 – 14.55 | 30 minutes                             | IITA<br>AfricaRice<br>ABUAD |

|   |   |               |             |  |
|---|---|---------------|-------------|--|
|   | Coffee/Tea Break  | 14.55 – 15.15 | 20 minutes  | IITA   |
|   | Completing 2019 Project Annual and Technical Report, and Financial Report (To use previously sent formats)  |               |             |  |
|   | Complete 2019 AWPB based on reallocated 2019 IFAD approved budget. Due date to ABUAD 15 December 2019.  | 15.15 – 17.30 | 135 minutes | IITA<br>AfricaRice<br>ABUAD<br><br>Note: Focus on your project commodities.          |
|   | 2019 Progress Reporting to ABUAD. Due date to ABUAD 15 December 2019.   |               |             |  |
|   | 2019 youth training reporting to ABUAD. Due date to ABUAD 15 December 2019. Format (brief introduction, training objectives, number and full name of youth trained, baseline questionnaire results, youth training exam results, training youth evaluation questionnaire results, training pictures, lessons learnt, problem encountered and mitigation measures, and concluding remarks. |               |             |  |
|   | 2019 Financial and Technical Reporting to ABUAD schedules. Certified Semi-Annual Statement of Expenditures (SOE) with detailed expenditure list (in IFAD formats). (SOEs shall disclose both IFAD funds and any co-financing funds in cash or by contributions in kind). Due date to ABUAD 15 January 2020.   |               |             |  |
|   | Consolidated Annual Technical Report 2019. Due date to ABUAD 15 January 2020.   |               |             |  |
|   | Technical Partner's 2019 Annual Report  |               |             | UAC  |
| Friday 20 December 2019.<br><br>Reporters: ABUAD and AfricaRice | Completing 2019 Project Annual and Technical Report, and Financial Report (To use previously sent formats): Continues and Submit  |               |             |  |
|   | Complete 2019 AWPB based on reallocated 2019 IFAD approved budget. Due date to ABUAD 15 December 2019.  | 09.00 – 11.00 | 120 minutes | IITA<br>AfricaRice<br>ABUAD<br><br>Note: Focus on your project commodities.          |
|   | 2019 Progress Reporting to ABUAD. Due date to ABUAD 15 December 2019.   |               |             |  |
|   | 2019 youth training reporting to ABUAD. Due date to ABUAD 15 December 2019. Format (brief introduction, training objectives, number and full name of youth trained, baseline questionnaire results, youth training exam results, training youth evaluation questionnaire results, training pictures, lessons learnt, problem encountered and mitigation measures, and concluding remarks. |               |             |  |
|   | 2019 Financial and Technical Reporting to ABUAD schedules. Certified Semi-Annual Statement of Expenditures (SOE) with detailed expenditure list (in IFAD formats). (SOEs shall disclose both IFAD funds and any co-financing funds in cash or by contributions in kind). Due date to ABUAD 15 January 2020.   |               |             |  |
|   | Consolidated Annual Technical Report 2019. Due date to ABUAD 15 January 2020.   |               |             |  |
|   | Technical Partner's 2019 Annual Report  |               |             | UAC  |
|   | Coffee/Tea Break  | 11.00 – 11.20 | 20 minutes  | IITA   |
|   | 2020 Annual Work Plan Budgets (AWPB), activities work plan by components and implementation arrangement.  | 11.20 – 12.00 | 10 minutes  | IITA   |
|   |   |               | 10 minutes  | AfricaRice   |
|   |   |               | 10 minutes  | ABUAD  |
|   |   |               | 10 minutes  | UAC  |
|   | Topic: Question & Answer. Objective: Address specific queries. (Interactive Session)  | 12.00 – 12.20 | 20 minutes  | IITA<br>AfricaRice<br>ABUAD<br>UAC   |
|   | Lunch Break   | 12.20 – 13.20 | 60 minutes  | IITA   |
|   | Agree on coordinated work plan for all components and activities for year 2020. Agree on timely 2020 Midterm Progress and Technical Report and Financial and Audit Reports. Agree on timely 2020 progress report on Midterm knowledge management achievements. (Interactive Session)  | 13.20 – 14.20 | 60 minutes  | IITA<br>AfricaRice<br>ABUAD<br>UAC   |
|   | Topic: General Question & Answer. Objective: Address general and specific queries. (Interactive Session)  | 14.20 – 15.00 | 40 minutes  | IITA<br>AfricaRice<br>ABUAD<br>UAC   |
|   | Coffee/Tea Break  | 15.00 – 15.20 | 20 minutes  | IITA   |
|   | Closing Remarks   | 15.20 – 15.30 | 5 minutes   | Dr. Francis Nwile (AfricaRice Representative Nigeria)                                |
|   |   |               | 5 minutes   | Dr. Kenton Dashiell (Deputy Director General, Partnerships for Delivery (P4D). IITA) |

Saturday 21 December 2019: Departure



## Annex 8: Picture gallery of youth training in Nigeria and Benin Republic.



Selected Batch-1 ABUAD YEASA Fishery trainees during classroom sessions.



Selected Batch-1 ABUAD YEASA Fishery trainees during their practical sessions at ABUAD fish farm.



Selected Batch-2 ABUAD YEASA Fishery trainees during classroom sessions.



Selected Batch-2 ABUAD YEASA Fishery trainees during their practical sessions at ABUAD fish farm.



Selected Batch-3 ABUAD YEASA Fishery trainees during classroom sessions.





Selected Batch-3 ABUAD YEASA Fishery trainees during their practical sessions at ABUAD fish farm.



Selected ABUAD YEASA Mango Trainees during classroom sessions.



Selected ABUAD YEASA Mango Trainees during their practical sessions at ABUAD mango factory.



Selected ABUAD YEASA Agricultural Mechanization & Fabrication trainees during classroom sessions.

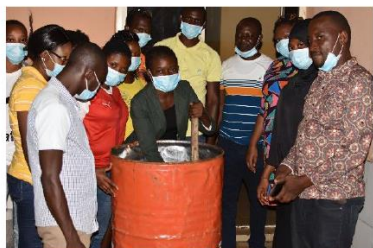


Selected ABUAD YEASA Agricultural Mechanization & Fabrication trainees during their practical sessions at ABUAD fabrication workshop.





Selected ABUAD YEASA Moringa trainees during classroom sessions.



Selected ABUAD YEASA Moringa trainees during their practical sessions at ABUAD Moringa factory.



Selected ABUAD YEASA Fishery trainees during classroom sessions in Benin Republic.



Selected ABUAD YEASA trainees during their practical sessions in Benin Republic.



Selected YEASA trainees during classroom sessions.



L-R: Hands-on practical sessions on soil testing, maize production, and cassava stem multiplication.



Trainees during their practical sessions on value addition.



L-R: Trainees receiving Training Certificates and Grant Award.

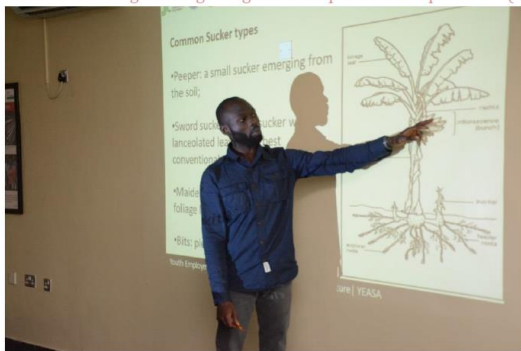
Grant awardees in Nigeria with their business equipment and tools received after the training programs

Pictures showing training on managerial, business skills, and business plan development





Pictures showing training on agricultural production operations (agronomy, soil fertility, post harvesting)



Pictures showing practical training on value addition



Pictures showing award of certificates to trained youths



Pictures showing award of grant certificate to selected trained youth







*A. Welcome address and opening remarks by AfricaRice Regional Representative, Nigeria*



*B. Group of Trainees with facilitators and AfricaRice Regional Representative, Nigeria*







*C. Classroom Lectures, Nigeria*



*D. Field practical session – Nursery bed, Nigeria*



*E. Field practical session – Land preparation and Levelling, Nigeria*





*F. Field practical session - Transplanting of rice seedling, Nigeria*



*G. Each trainee received their starter pack of 50kg rice seed, extruder, 6.0kg gas cylinder, packaging nylon*



*A. Facilitator demonstration through participatory hand-on-job learning approach, Nigeria*



*B. Facilitator on group discussions with trainees, Nigeria*





*C. Trainees showcasing the rice-based product they have developed in Nigeria*



*D. Group photograph of rice-based product and value addition trainees with facilitators, Nigeria*



*E. Group photograph of trainees with Training Instructors and AfricaRice regional representative, demonstrating the use of rice 1.5MT Thresher, Nigeria*



**Photos of Project partners (ABUAD, AfricaRice, IITA) during the opening session, Republic of Benin**



*A. Welcome address and opening remarks by Professor Joseph Hounhouigan, University of Abomey, Calavi, Republic of Benin*

**Photos of training activities: Rice seed production component, Republic of Benin**



*B. Photo of trainees on rice seed production performing germination seed, University of Abomey, Calavi, auditorium during classroom session, Republic of Benin*



*C. Photo of trainees on rice seed production after classroom session (left) and on the field (right)*



*D. Field practical session – Construction of nursery bed, Republic of Benin*



*E. Field practical session – Trainees establishing rice seed nursery bed and seeding, Republic of Benin*



*F. Field practical session – Land preparation and transplanting of rice seedlings under lowland ecosystem, Republic of Benin*





*G. Field practical session – Land preparation and direct seeding of rice under upland ecosystem, Republic of Benin*



*H. Field practical session – Land preparation and field marking for upland ecosystem and demo on seedling uprooting and transplanting technique in lowland ecosystem, Republic of Benin*



*I. Field practical session – Land preparation and direct seeding of rice under upland ecosystem, Republic of Benin*

**Photos of training activities: Rice-Based and Value addition component, Republic of Benin**



*J. Facilitator demonstration through participatory hand-on-job learning approach, Republic of Benin*





K. Photo of trainees displaying their rice-based product at the University of Abomey, Calavi, auditorium during closing ceremony, Republic of Benin



L. Trainees on rice-based value addition and seed production presenting work and practical experiences clear understanding after the training sessions



M. Trainees on rice-based value addition and rice seed production technologies writing their examinations after classroom and field practical sessions, Republic of Benin



N. Photo of trainees on rice seed production technologies and rice-based value addition with facilitators. Trainees displaying their rice-based product and their certificates



**Professor Onasanya Amos**

YEASA IFAD Project Manager

Mobile: +2348074289553; Email: [onasanyaa@abuad.edu.ng](mailto:onasanyaa@abuad.edu.ng); Website: [www.yeasa.org](http://www.yeasa.org)