

# FEED THE FUTURE NIGERIA AGRICULTURAL POLICY PROJECT

## Quarterly Report – Year 4

First Quarter: October 1- December 31, 2018

Associate Cooperative Agreement Number AID-620-LA-15-00001  
Activity Period: July 1, 2015 to June 30, 2020  
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## ACRONYMS

ADAN	Association of Deans of Agricultural Universities
AFAN	All Farmers Association of Nigeria
APP	Agricultural Promotion Policy
ARCN	Agriculture Research Council of Nigeria
ASA	Agronomy Society of America
ATA	Agricultural Transformation Agenda
BSU	Benue State University
CAADP	Comprehensive Africa Agriculture Development Program
CAPI	Computer Assisted Personal Interviews
CSPro	Census and Survey Processing System
CSSA	Crop Science Society of America
DC	District of Columbia
EBSU	Ebonyi State University
EOS	Economies of scope
ERGP	Economic Growth Recovery Plan
FCT	Federal Capital Territory
FG	Federal Government
FMARD	Federal Ministry of Agriculture and Rural Development
FTF	Feed the Future
FUT Minna	Federal University of Technology, Minna
FY	Fiscal Year
GFSS	Global Food Security Strategy
HMA	Honorable Minister of Agriculture
IBB	Ibrahim Badamosi Babangida University Lapai
IFPRI	International Food Policy Research Institute
JAAR	Journal of Applied Agricultural Research
KARDA	Kebbi Agricultural and Rural Development Authority
KBTv	Kebbi State-owned television station
LGA	Local Government Area
M&E	Monitoring and Evaluation
MEP	Monitoring and Evaluation Plan
MSU	Michigan State University
NAAE	Nigerian Association of Agricultural Economists
NAERLS	National Agriculture and Extension Research Liaison Services
NAIDA	Nigeria Agro-Input Dealers Association
NAPP	Nigerian Agricultural Policy Project
NASS	National Assembly
NFCMS	National Food Consumption and Micronutrient Survey
NGO	Non-Governmental Organization
NSSP	Nigeria Strategy Support Program
PMP	Performance Management Plan
PCU	Project Coordinating Unit
SOPs	Standard operating procedures
UAM	University of Agriculture, Makurdi

US  
USAID  
USG

United States  
United States Agency for International Development  
United States Government

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## 1. PROGRAM OVERVIEW / SUMMARY

<b>Program Name:</b>	Feed the Future Nigeria Agricultural Policy Project
<b>Activity Start Date and End</b>	July 1, 2015 – June 30, 2020
<b>Name of Prime Implementing:</b>	Michigan State University (MSU)
<b>[Contract/Agreement] Number:</b>	AID-620-LA-15-00001
<b>Name of Subcontractors/Sub-awardees:</b>	International Food Policy Research Institute (IFPRI)
<b>Major Counterpart Organizations:</b>	Federal Ministry of Agriculture and Rural Development (FMARD)
<b>Geographic Coverage (cities and or countries):</b>	Nigeria
<b>Reporting Period:</b>	October 1, 2018 – December 31, 2018
<b>Project personnel mentioned in this report and their project role:</b>	<p>Dr. Mulubrhan Amare (Associate Research Fellow, IFPRI)  Dr. Olivier Ecker (Senior Research Fellow, IFPRI)  Mr. Hyacinth Edeh (Research Analyst II, IFPRI)  Dr. Hosaena Ghebru (Research Fellow, IFPRI)  Dr. Saweda Liverpool-Tasie (Principal Investigator, MSU)  Mr. Steve Longabaugh (Specialist, MSU)  Dr. George Mavrotas (Chief of Party, IFPRI)  Mr. John Mazunda (Country Program Manager, IFPRI)  Dr. Tewodaj Mogue (Senior Research Fellow, IFPRI)  Dr. Michael Olabisi (Assistant Professor, MSU)  Dr. Tom Reardon (Distinguished Professor, MSU)  Dr. Danielle Resnick (Senior Research Fellow, IFPRI)  Dr. Laura Schmitt Olabisi (Associate Professor, MSU)  Dr. Hiroyuki Takeshima (Senior Research Fellow, IFPRI)  Dr. Oyinkan Tasie (Assistant Professor, MSU)</p>

This progress report summarizes the key activities undertaken by the Feed the Future Nigeria Agricultural Policy Project for the first quarter (October-December 2018) of fiscal year 2018/19.

## 1.1 Summary of Results to Date

Table 1 for the current project year:

Project Indicator Title	Baseline Data	Project Annual Target	Project Annual Actual at Q1	Comment If yearly actual is 10% more or less than target	Annual Performance Achieved to End of Reporting Period (%)	Project Target <sup>1</sup>	Project Actual <sup>2</sup>
1. Number of papers (e.g., monographs, discussion papers, white papers, research reports, journal articles) completed as a result of FTF Nigerian Agricultural Policy Project activities that embody new information, knowledge and best practices in guiding food security policies. ( <a href="#">Annex A</a> ). Custom Indicator	N/A	6	5	A number of these were based on research conducted in FY3. More of these will likely be in the later quarters of this project year.	83	43	61
2. Number of participants attending project organized research and policy events. ( <a href="#">Annex B</a> ). Custom Indicator	N/A	1830	136 (M-104, F-32)	The project will ramp this up with more upcoming events in subsequent quarters.	7	3683	2735
3. Number of milestones in improved institutional architecture for food security policy achieved with USG support. Standard Feed the Future Indicator (FTF) EG.3.1-d	N/A	6	Annual indicator		NA	8	0

4. Number of individuals participating in USG food security programs. ( <a href="#">Annex C</a> ) Standard Feed the Future (FTF) Indicator EG.3.2	N/A	2805	Annual indicator		NA	4077	2340
5. Number of individuals who have received USG supported degree-granting non-nutrition-related food security training. ( <a href="#">Annex D</a> ). Standard Feed the Future Indicator (FTF) EG.3.2-2	N/A	7	4 (M-3, F-1)	OK	57	24	20
6. Number of organizations with increased performance improvement with USG assistance Standard Feed the Future (FTF) indicator 3.2-29	N/A	40	Annual indicator		NA	63	13
7. Number of agriculture policy communications developed and/or written for stakeholder consumption. ( <a href="#">Annex E</a> ). Custom Indicator	N/A	30	22	OK	<b>73</b>	66	<b>71</b>
8. Number of public private advocacy dialogues focused on policy that supports private sector investment. Custom Indicator	N/A	4	<b>0</b>	The project will ramp this up starting in Q2.	0	10	<b>3</b>
9. Index (or scorecard) of quality of agriculture and food security policy processes in Nigeria, as measured by stakeholder evaluation to capture level of satisfaction and confidence. Custom Indicator	1.206	NA	Semi Annual Indicator Biennial indicator		Semi Annual Indicator Biennial indicator	30% positive change from baseline result	1.44

10. Index (or scorecard) of quality of the institutional architecture for agriculture and food security policy processes in Nigeria, as measured by stakeholder evaluation survey to capture level of satisfaction and confidence. Custom Indicator	1.342	NA	Semi Annual Indicator Biennial indicator	Semi Annual Indicator Biennial indicator	30% positive change from baseline result	1.74
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1. Project Target: These are numbers or percentages targeted for each indicator from Y1 – Y5 i.e. (Y1+Y2+Y3+Y4+Y5). It is important to note that some of the project indicators have been changed over the years, where some indicators were being dropped some were added in year 3 (indicator 6, 7&8 and Year 4 (indicator 3). This accounts for the significant increase in the target set for Y4.
2. Project Actual: These are the actual numbers achieved for each indicator from Y1- Y4 (Q1) i.e. (Y1+Y2+Y3+Y4 (Q1)). Actual data for indicators 6, 7 & 8 are from Y3 & Y4 (Q1) while actual for indicator 3 is from Y4 which is an annual indicator, the reason for the zero number.



**Table 1b for previous project years:**

	October 1, 2015- September 30, 2016			October 1, 2016 - September 30, 2017			October 1, 2017 - September 30, 2018			October 1, 2019 - September 30, 2020	
<b>Indicator definition</b>	Target	Actual	%	Target	Actual	%	Target	Actual	%	Target	%
1) Y1, Y2 Number of policy research and best practice papers generated.	7	11	157%	8	29	363%	-	-	-	-	-
1) Y3, Y4 Number of high quality research reports published	-	-	-	-	-	-	11	16	145%	6	TBD
2) Y1, Y2 Number of stakeholder learning forums (national or global) held where findings/best practices are presented.	10	13	130%	10	37	370%	-	-	-	-	-
3) Y1, Y2, 2) Y3, Y4 Number of participants attending project organized events.	200	696	348%	300	629	210%	765	1274	167%	1830	TBD
4) Y1, Y2 Number of formal, informal or ad hoc meetings held with key government or private sector partners where project outputs and findings are discussed.	60	76	127%	60	119	198%	-	-	-	-	-

5) Y1, Y2, 3) Y3 Number of agricultural and nutritional enabling environment policies completing the following processes/steps of development as a result of USG assistance in each case: 1. Analysis 2. Stakeholder consult/public debate 3. Drafting or revision 4. Approval (legislative or regulatory) 5. Full and effective implementation	7	2	29%	7	2	29%	3	3	100%	-	-
4) Y3 Number of collaborative policy research work and analysis completed jointly with local partner.	-	-	-	-	-	-	7	12	171	-	TBD
3) Y4 Number of milestones in improved institutional architecture for food security policy achieved with USG support. Standard Feed the Future Indicator (FTF) EG. 3.1-d	-	-	-	-	-	-	-	-	-	6	TBD
4) Y4 Number of individuals participating in USG food security programs.	-	-	-	-	-	-	-	-	-	2805	TBD
6) Y1, Y2 Number of collaborative research teams involving local partners formed and undertaking policy research and analysis.	10	10	100%	9	10	111%	-	-	-	-	-

7) Y1, Y2 Number of technical training courses offered to build technical skills and capacity for policy analysis.	16	12	75%	14	33	236%	-	-	-	-	-
8) Y1, Y2 5) Y3 Number of individuals who have received USG supported short-term technical training in agricultural sector productivity or food security policy analysis training.	100	344	344%	200	921	461%	850	1085	128%	-	-
9) Number of individuals who have received USG supported long-term agricultural sector productivity or food security training	1	1	100%	1	5	500%	-	-	-	-	-
6) Y3, 5) Y4 Number of individuals who have received USG supported degree-granting agricultural sector productivity or food security training.	-	-	-	-	-	-	8	7	88%	7	TBD
10) Y1, Y2 Number of Nigerian graduate students who have received support for skill enhancement training in the US through the project.	2	2	100%	5	5	100%	-	-	-	-	-
7) Y3 Number of government units or divisions that have received short-term training (USG assistance)	-	-	-	-	-	-	11	13	118%	-	-
6) Y4 Number of organizations with increased performance improvement with USG assistance	-	-	-	-	-	-	-	-	-	40	

11) Y1, Y2 Number of organizations/entities assisted to participate in various roundtable and stakeholder meetings, seminars and conferences focused on agricultural policy issues.	10	14	140%	10	85	850%	-	-	-	-	-
8) Y3, Y4 Number of agriculture policy communications developed and/or written for stakeholder consumption	-	-	-	-	-	-	18	49	272%	30	TBD
9) Y3, Y4 Number of public private advocacy dialogues focused on policy that supports private sector investment	-	-	-	-	-	-	4	3	75%	4	TBD
10) Y3 Number of for profit private enterprises, producers organizations, water users associations, women's groups, trade and business associations, and community-based organizations (CBOs) receiving USG food security related organizational development assistance	-	-	-	-	-	-	30	41	137%		
12) Y1, Y2, 11) Y3, 9) Y4 Index (or scorecard) of quality of agriculture and food security policy processes in Nigeria, as measured by stakeholder evaluation to capture level of satisfaction and confidence	1.206	NA	NA	NA	NA	NA	1.33	1.44	108%	NA	NA

13) Y1, Y2, 12) Y3, 10) Y4 Index (or scorecard) of quality of the institutional architecture for agriculture and food security policy processes in Nigeria, as measured by stakeholder evaluation survey to capture level of satisfaction and confidence	1.342	NA	NA	NA	NA	NA	1.476	1.74	118%	NA	NA
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## **2. ACTIVITY IMPLEMENTATION PROGRESS**

### **2.1 Progress Narrative**

This narrative will highlight progress made by the Feed the Future Nigeria Agricultural Policy Project in the implementation of the Year 4 work plan, which was submitted to United States Agency for International Development (USAID)/Nigeria on August 31, 2018, and finally approved by USAID/Nigeria on October 19, 2018. The Year 4 work plan is broken down into three main components: 1) Activities to enhance skills, training, and institutional capacity; 2) Policy driven collaborative research and analysis; and 3) Strengthening evidence-based policy process and promoting impact.

### **2.2 Implementation Status**

#### **Component 1: A Strategy for Enhancing National Agriculture and Food Security Policy Capacity**

##### **1. Capacity building-training courses organized**

The training courses organized by the Nigeria Agricultural Policy Project are demand driven. Consequently, participants for organized training courses are selected by Project partners requesting the training course. The Project encourages particular emphasis on young researchers and gender balance wherever possible.

**Table 2: Indicator 4. Number of individuals participating in USG food security programs**

Date	Location	Topic	Participants				
			Type	Male	Female	15-29	30+
<b>1.1.1 FMARD/National Capacity Building and Mentoring Activities</b>							
November 7-8, 2018	Abuja	Monitoring and Evaluation	FMARD	4	3	0	7
November 26-28, 2018	Abuja	Stata software for Data Analysis	FMARD	18	3	1	20
November 29-30, 2018	Abuja	Issues in Agriculture and Development	FMARD	14	6	0	20
December 5-6, 2018	Abuja	Survey Design and Implementation	FMARD	15	9	0	24
December 10-11, 2018	Abuja	Review of policies (APP, ERGP, CAADP)	FMARD	9	12	1	21
<b>1.1.2 Universities</b>							
October 15, 18 2018	Kaduna	Workshop on Journal Article Writing	Academia	13	9	18	4
October 22-26, 2018	Delta State University	Econometrics for Policy Analysis using Stata	Academia	18	6	4	20
October 22-26, 2018	Kaduna State University-Kafanchan Campus	Econometrics for Policy Analysis using Stata	Academia	28	3	10	21
November 1-2, 2018	Delta State	Group Dynamics	Farmer Groups	19	10	0	29
November 5-9, 2018	Benue State University	Survey data analysis using Stata	Academia	24	6	2	28
November 13-15, 2018	Ahmadu Bello University	Computer Assisted Personal Interview (CAPI)	Academia	21	4	1	24
December 11-12, 2018	FCT	Group Dynamics	Agro-inputs dealers	18	7	5	20
<b>1.2. State trainings and capacity building efforts</b>							

Date	Location	Topic	Participants				
			Type	Male	Female	15-29	30+
December 17-19, 2018	Kaduna	Monitoring and Evaluation for Results	State Ministry of Agriculture	21	3	0	24
<b>3.3.1 Media engagement and training (federal Level)</b>							
October: Multiple Sessions	Virtual	Dissemination of Research Output	Training Nigerian Journal of Agricultural Economics journal's editorial board	2	0	0	2
October 22-23, 2018	Abuja	Policy Communications	National Assembly	11	1	1	11
<b>3.3.2 Media engagement and training (state level)</b>							
October 29-30, 2018	Kebbi	Policy Communications	Kebbi state journalists	10	10	0	20
October 31-November 1, 2018	Kebbi	Policy Communications	Kebbi state journalists	13	10	0	23
November 13-14, 2018	Niger	Policy Communications	Niger state journalists	12	14	0	26
November 15-16, 2018	Niger	Policy Communications	Niger state journalists	11	4	0	15



## Activity 1.1 FMARD/National Trainings

### 1.1.1 FMARD/National Capacity Building and Mentoring Activities

i. Support to the Agricultural Research Council of Nigeria (ARCN)

Support to ARCN remains one of the Project's key activities. During the first quarter, the Project delivered a training course to a team of ARCN staff on Monitoring and Evaluation (7–8 November 2018). Trainees had been selected to work on the M&E plan for the Journal of Applied Agricultural Research (JAAR). This is an activity of the Council under the Knowledge Management Program that is into publication of applied agricultural research journals in Nigeria. Due to various capacity building and mentoring activities delivered for ARCN, the ARCN M&E team successfully completed the development of the M&E plan for the JAAR. The Project will continue to work with ARCN towards the implementation of the M&E plan as well as supporting ARCN on M&E related issues.

ii. Support to Efficiency and Coordinating Units of FMARD

During the first quarter, the Project worked closely with the Projects Coordinating Unit to identify FMARD needs regarding capacity building activities. A meeting was held with Senior Management of the PCU on 7 November 2018 to finalize capacity building activities for FMARD in Year 4 of Project implementation. Following the meeting, it was agreed that the Project would deliver on the following training courses:

- Data collection, Analysis and Interpretation
- Agricultural survey design and Implementation;
- National and Regional agricultural policies as it affects the mandate of relevant technical departments;
- Review of Agriculture Promotion Policy (APP), Economic Recovery and Growth Plan (ERGP) and Comprehensive Africa Agriculture Development Programme (CAADP) for enhanced policy design and implementation
- Enhance Capacity for Nutrition Sensitive Agricultural practices
- Building capacity for developing and implementing extension policy reforms

It was agreed that these training courses would be delivered to senior management, middle management, and junior professionals from various technical departments in FMARD. Please see below for further details on training courses delivered for FMARD.

As part of efforts towards strengthening the capacity of Nigerian analysts to produce evidence that is relevant to agricultural policy, the Project carried out a training for staff of the Federal Ministry of Agriculture and Rural Development (FMARD) from 26-28 November 2018 in Abuja. Although this is a 5-day course, it was conducted over a 3-day period due to a priori agreement with FMARD regarding the duration of training. All future courses on this particular training topic will be organized in 5 days. A total of 21 participants (18 male, 3 female) were trained on the use of STATA for data analysis in agricultural research, with a combination of demonstrations and practical exercises. As a result of the training, it is

expected that participants will enhance their ability to manage and analyze data so as to better inform policies.

In order to broaden knowledge on the linkages between agriculture and development, the Project held its first ever training course on “Issues in Agriculture and Development” for staff of the Agricultural Research Council from 29-30 November 2018 in Abuja. The maiden edition of this training course was attended by 20 participants (14 male, 6 female) and provided them with an overview of contemporary issues in agricultural policy, particularly for Nigeria. Topics covered included Land Governance, Climate Change, Nutrition and Food Systems among others. As a result of this training, it is expected that participants will have a better understanding of emerging issues in the agricultural sector.

December 5 and 6, 2018, the first ever “Survey Design and Implementation” training was conducted by Project for various staff of the Federal Ministry of Agriculture and Rural Development (FMARD) in Abuja. The training course which was attended by 24 participants (15 male, 9 female) was tailored to equip participants with the methodologies of survey design and implementation. It is expected that this will provide participants with the necessary skills and knowledge to work with appropriate tools of agricultural survey and data management for effective utilization for planning and policy formulation.

December 10 and 11, 2018, a training course on “Nigerian Agricultural Policies” was organized by the project for the staff of Nigeria’s Federal Ministry of Agriculture and Rural Development (FMARD) in Abuja. The training course, which was attended by 22 participants (13 male, 9 female), was delivered by Dr. George Mavrotas and Mr. Hyacinth Edeh and contributed to broadening participants’ perspectives towards the various policies, programs and initiatives put in place by Nigeria’s successive governments. The course placed particular emphasis on more recent policy initiatives in Nigeria such as the Agricultural Transformation Agenda, the Agriculture Promotion Policy, the Economic Recovery and Growth Plan and the CAADP process among others. The course is also expected to further strengthen participants’ ability to implement policy frameworks for the country in the Nigerian agricultural sector.

### **1.1.2 National Trainings (universities, think tanks, research institutions, CBO’s NGOs, farmer groups)**

On October 16 and 17, 2018, the Policy project jointly organized a digital training on journal article writing with the Nigerian Association of Agricultural Economists. This training was organized as part of the annual meeting of the Nigerian Association of Agricultural attended by 22 young Nigerian scholars. The two-day training workshop, led by MSU Professors, Thomas Reardon and Liverpool-Tasie was delivered digitally using a series of videos and facilitated by Nigerian collaborators and a Project scholar, Ms. Aisha Lawal Ibrahim (of Ahmadu Bello University Zaria). In several instances, Ms. Aisha used examples from her own research to clarify key concepts taught during the training. By doing this, she illustrated how project scholars remain engaged in project activities (upon their return home from Michigan State University) and how they are applying lessons learned from their experience in the

program to train others. This activity also demonstrates how the policy project, innovatively working with Nigerian partners is leveraging on digital technology to provide training in Nigeria. Following the training and in line with the project's emphasis on capacity strengthening through mentoring, participants trained will be mentored by MSU faculty alongside Senior Nigerian faculty on applying concepts learned in the training in their writing. This includes reviewing and providing feedback on work done by participants applying key principles from the training.

From October 22-26 2018, a team of two (2) Project trainers facilitated a training course on "Econometrics for Policy Analysis using Stata" for 24 (18 males and 6 females) graduate students and faculty of Delta State University. It is expected that as a result of this training, participants' capacity in handling data for evidence-based decision making would be enhanced. Following the training, participants formed a WhatsApp group through which they will support each other on agricultural related policy analysis as well as to stay in touch with their trainers for continued support and mentoring. Most importantly, the WhatsApp Group will act as a support forum as they engage in agricultural-related policy analysis going forward. During the same period, the Project also delivered a similar course for 30 (24 males and 6 females) faculty and graduate students of Kaduna State University-Kafanchan Campus. As was the case for Delta State, it is expected that this training course would enhance the capacity of participants to undertake and make widely available relevant evidence-based policy analysis.

As part of endeavors towards strengthening the capacity of Nigerian farmers to engage in policymaking processes, the Project organized a "Group Dynamics" training for farmers in Delta State from 1- 2 November 2018. More specifically, the objective of the training, which was attended by 29 participants (20 male, 9 female) from 14 farmer groups, was to train group leaders on group dynamics thereby strengthening their capacity to strengthen their local formal and informal groups' ability to manage their assets, make strategic group decisions and create a balanced level of participation. The training covered topics such as Group Vision and Mission, Working as a Team, Leadership, Communication, Conflict Management and Resolution, Group Decision-making, Group Registration, Mobilizing Resources, Planning and Implementation and Organizing records. Participants expressed commitment to stepping down the knowledge and skills gained from the training in their various groups.

From 5-9 November 2018, the Project delivered a training on survey data analysis for 30 (24 male, 6 female) academics at the Benue State University (BSU) in Makurdi, Benue State. The 5-day training course introduced participants to the use of STATA for carrying out survey data analysis. The training included presentations and practical exercises aimed at increasing the familiarity of the staff and graduate students of BSU with STATA as a tool for data analysis. The training was also geared towards further strengthening the ability of these researchers to be able to provide policy-relevant research on Nigeria's agricultural sector.

The project delivered a training course on Computer Assisted Personal Interview using CSPro to staff of the National Agricultural Extension and Research Liaison Service (NAERLS)

and other institutions such as IAR, members of staff from ABU faculty of agriculture, NAPRI, Bayero University Kano, Federal University Dutsin-Ma in Katsina State, and Samaru College of Agriculture at Ahmadu Bello University in Zaria on 13-15 November 2018. The training, which was attended by 25 participants (21 male, 4 female), introduced participants to the CSPro software and took them through its use for analyzing data from personal interviews. The course equipped trainees with additional knowledge and skills needed to more effectively carry out their work in this important area.

#### Interacting with the Nigeria Agro-Input Dealers Association (NAIDA)

In the first Quarter of Project implementation in Year 4, the Project started working with NAIDA for the delivery of capacity building courses for the private sector. In view of this, the Project delivered a Group Dynamics training course for agro-dealers in FCT.

Nigerian agro-dealers have increasingly begun organizing themselves into formal groups, particularly associations, in recent years. An essential aspect for the success of an agro-dealers' association is its capacity to properly manage its assets, make strategic group decisions and create a balanced level of participation for all its members. It is in recognition of this fact that the Feed the Future Nigeria Agricultural Policy Project delivered a Group Dynamics training for agro-dealers in Abuja on 11- 12 December 2018. The training had a total of 25 participants (18 male and 7 female) representing various agro-dealers based in Nigeria's Federal Capital Territory. The training course covered topics vital to the organization and effective running of a cooperative. Topics covered included Group Vision and Mission, Working as a Team, Leadership, Communication, Conflict Management and Resolution, Group Decision-making, Group Registration, Mobilizing Resources, Planning and Implementation, and Organizing Records.

### **Activity 1.2 State Trainings and Capacity Building Efforts**

#### **1.2.1 Policy analysis, group dynamics, and issues in agriculture and development training/workshop for ministry staff and academics in the 7 FTF states and Policy Analysis for Priority areas**

Accurately measuring performance and results is an essential part of successfully implementing any policy. Therefore, it is imperative to emphasize the importance of having robust capacity for monitoring and evaluation (M&E) of the agricultural sector in Nigeria at all levels. As part of its commitment towards bolstering the national capacity for evidence-based decision-making in agriculture, the Project delivered a training course for staff of the Kaduna State Ministry of Agriculture and Forestry and Kaduna Agricultural Development Project from 17-19 December 2018 in Kaduna State. The course, titled "Monitoring and Evaluation for Results" which was attended by 24 participants (21 male, 3 female) covered topics such as data collection, data management and the development of result and logical frameworks. It is expected that the course has equipped participants with the knowledge and skills to more effectively carry out their work in this important area.

## Activity 1.3: Nigerian Graduate Student Capacity Building

### 1.3.1 Project scholars

In this quarter, four project scholars (2 PhD candidates and 2 MS students) successfully completed their study at MSU and returned to their universities in December. While on campus the scholars engaged with the MSU community and presented their work both on and off campus. These presentations provided the students opportunities to get feedback on their work, practice making formal presentations while sharing knowledge on Nigerian issues.

#### Presentations made by the Project Scholars.

- Blessing Iveren Agada (Federal University of Agriculture, Makurdi):
  - **High Agricultural productivity need for site-specific crop nutrient management.** *Presented at the Annual meeting of Agronomy Society of America/Crop Science Society of America, Baltimore Nov. 4th to 8th 2018*
  - **Productivity and extension issues in Nigeria, Involving University students as a way forward.** *Presented at the African R and D connect seminar series. PSSB MSU. Nov. 28 2018*
  - **An interdisciplinary approach to Agricultural training.** *A podcast chat with the MSUfoodfix team from the MSU communications department. Nov.28 2018. Published Dec. 3, 2018. <https://msufoodfix.wordpress.com> or Tweets by @MSUfoodfix on twitter.*
- Mr. Osawe Wellington (University of Ibadan)
  - **Competitiveness of Domestic Rice under Different Production and Processing Technologies in Nigeria: An Application of Policy Analysis Matrix.** *Presented at the MSU AFRE Brownbag Seminar series on Oct 9, 2018, 15 Attendees (8 Male and 7 Female)*
  - **Options for Improving the Competitiveness of Domestic Rice Production in Nigeria.** *Paper Presented at the Maiden Sustainability and Development Conference at the University of Michigan, Ann Arbor, November 9-11, 2018*
- 
- Philip James Hegarty (Federal University of Agriculture Makurdi)
  - **"Water Use Efficiency of Cowpea Cultivars Grown on Residual Moisture from the Fadama in Tasompoh Zing LGA, Taraba State, Nigeria".** *Presented at the Department of Agricultural Food and Resource Economics. Seminar on November 2018. Fifteen Attendees (11 Male, 4 Female).*

During this quarter, preparations were finalized to receive the three new (and final) PhD Project scholars in FY19 Quarter 2.

#### Outreach Pamphlet for dissemination to households and communities produced by a project scholar.

The project continues to strive to ensure that research output translates to relevant practical output for Nigerians in addition to (but beyond policy makers). In this regard a project scholar, working alongside their MSU mentor and home institution supervisor has developed a new pamphlet, based on her research for dissemination to the Nigerian public.

This pamphlet has been translated into the three main Nigerian Languages (Hausa, Igbo and Yoruba) with the expectation that it can be further translated to other languages.

Properly ferment and prepare your Ogi/Koko/Akamu/Pap! It can save your life!  
Oluwatoyin Ademola. Saweda Onipede Liverpool-Tasie, Adewale Obadina, Felicia Wu & Nikita Saha Turna. September 2018.

<https://www.canr.msu.edu/resources/properly-ferment-and-prepare-your-ogi-koko-akamu-pap>

### **Program Highlights produced by Project scholar documenting their experiences (research and personal) as project scholars**

As part of the project's effort to document and disseminate the experiences of its scholars the following publications were produced

- Changing Perspective to Data Analysis: My Journey with R Statistical Programming. Highlights 33, Agada Iveren Blessing, September 2018.  
<https://www.canr.msu.edu/resources/a-changing-perspective-to-data-analysis-my-journey-with-r-statistical-programming>
- The Future of Africa: Making "Africanists", Driver of Our Own Development. Highlights 31, Osayanmon Wellington Osawe, September 2018.  
<https://www.canr.msu.edu/resources/the-future-of-africa-making-africanists-driver-of-our-own-development>

### **Policy Research Briefs Prepared by Project Scholars as a follow up to the project training on R**

In July 2018, the project organized a two-week training on a new cutting edge statistical software called R. Following the project organized training, the project worked with each scholar to ensure that the scholars apply the skills learned in their research. Each scholar was expected to generate a policy brief based on work done using R. The project scholars were backstopped by the MSU faculty who trained them (Dr. Michael Olabisi), Dr Saweda Liverpool-Tasie and Mr. Steve Longabaugh. Output produced include:

1. Use of Modern Inputs and Complementary Farm Practices in the Nigeria Rice Value Chain: Implications for Policy. Osayanmon Wellington Osawe, 2018. Feed the Future Innovation Lab for Food Security Policy Research Brief 85. East Lansing: Michigan State University.  
<https://www.canr.msu.edu/resources/use-of-modern-inputs-and-complementary-farm-practices-in-the-nigeria-rice-value-chain-implications-for-policy>
2. Changing the Fertilizer Conversation in Nigeria: The Need for Site Specific Soil-Crop Fertilizer Use. Blessing Agada 2018. Feed the Future Innovation Lab for Food Security Policy Research Brief 73. East Lansing: Michigan State University.  
<https://www.canr.msu.edu/resources/changing-the-fertilizer-conversation-in-nigeria-the-need-for-site-specific-soil-crop-fertilizer-use>

3. Trade Openness in Nigeria and its Effect on Agricultural Share of GDP. Abubakar Balaraba Sule. 2018. Feed the Future Innovation Lab for Food Security Policy Research Brief Forthcoming. East Lansing: Michigan State University.
4. Agriculture, Land Access and Economic Growth in Africa: An Instrumental Variable Approach. Chukwudi C. Olumba. 2018. Feed the Future Innovation Lab for Food Security Policy Research Brief Forthcoming. East Lansing: Michigan State University.
5. The Nexus between Malnutrition and Agricultural Subsector Outputs in Nigeria. Hephzibah Onyeje Obekpa. 2018. Feed the Future Innovation Lab for Food Security Policy Research Brief Forthcoming. East Lansing: Michigan State University.
6. Survey on Milk Production in Nigeria for the Year 2015. Onyinye Prince Choko. 2018. Feed the Future Innovation Lab for Food Security Policy Research Brief Forthcoming. East Lansing: Michigan State University.
7. Farmers' Perception of Causes of Soil Degradation in Northern Taraba, in Taraba State of Nigeria. Hegarty James Philip. 2018. Feed the Future Innovation Lab for Food Security Policy Research Brief Forthcoming. East Lansing: Michigan State University.

**Other research output produced by Project Scholars and project research teams composed of young Nigerian scholars with the deliberate objective of capacity strengthening through collaborative research and mentoring.**

1. The Occurrence and Co-Occurrence of Aflatoxin and Fumonisin along the Maize Value Chain in Southwest Nigeria. Lenis Liverpool-Tasie, Nikita Saha Turna, Oluwatoyin Ademola, Adewale Obadina, Felicia Wu, 2018. Feed the Future Innovation Lab for Food Security Policy Research Paper 120. East Lansing: Michigan State University.  
<https://www.canr.msu.edu/resources/the-occurrence-and-co-occurrence-of-aflatoxin-and-fumonisin-along-the-maize-value-chain-in-southwest-nigeria>
2. The Rapid Transformation of the Fish Value Chain in Nigeria: Evidence from Kebbi State. Ayuba Gona, Gwoni Woji, Sunday Norbert, Hajar Muhammad, Lenis S. O. Liverpool-Tasie, Thomas Reardon, Ben Belton, 2018. Feed the Future Innovation Lab for Food Security Policy Research Paper 118. East Lansing: Michigan State University.  
<https://www.canr.msu.edu/resources/the-rapid-transformation-of-the-fish-value-chain-in-nigeria-evidence-from-kebbi-state>
3. Climate Change Adaptation among Poultry Farmers: Evidence from Nigeria. Lenis Saweda O. Liverpool-Tasie, Awa Sanou and Justice A. Tambo, 2018. Feed the Future Innovation Lab for Food Security Policy Research Paper 117. East Lansing: Michigan State University.  
<https://www.canr.msu.edu/resources/climate-change-adaptation-among-poultry-farmers-evidence-from-nigeria-research-paper>
4. The Effect of Processing Practices on Mycotoxin Reduction in Maize Based Products: Evidence from Lactic Acid Fermentation in Southwest Nigeria. Oluwatoyin Ademola, Lenis Saweda O. Liverpool-Tasie, Adewale Obadina, Nikita Saha Turna, Felicia Wu, 2018. Feed the Future Innovation Lab for Food Security Policy Research Paper 116. East Lansing: Michigan State University.  
<https://www.canr.msu.edu/resources/the-effect-of-processing-practices-on-mycotoxin-reduction-in-maize-based-products-evidence-from-lactic-acid-fermentation-in-southwest-nigeria>.

5. The Co-Occurrence of Aflatoxin and Fumonisin along the Maize Value Chain in Southwest Nigeria. Lenis Liverpool-Tasie, Nikita Saha Turna, Oluwatoyin Ademola Adewale Obadina, Felicia Wu, 2018. Feed the Future Innovation Lab for Food Security Policy Research Brief 83. East Lansing: Michigan State University. <https://www.canr.msu.edu/resources/the-co-occurrence-of-aflatoxin-and-fumonisin-along-the-maize-value-chain-in-southwest-nigeria>

### **Training conducted by Project Scholars**

Project scholar, Mr. Wellington Osawe worked with the editorial board of the **Nigerian Journal of Agricultural Economics** to get the 2018 publication online. This continued the project tradition of supporting the Nigerian Association of Agricultural Economists (NAAE) in this regard. The project had assisted the association to put its journal online for the first time in 2017. The difference this year was that the project worked with the association to train some of its members to take on the activity of uploading the documents. This ensures that this activity can be sustainably continued even after the policy project is completed. In this regard, Mr. Wellington trained 2 members of the association (selected by the association leadership) on processes that guide effective article submission by AgEconSearch to ensure that the association will independently be able to upload future editions of the journal. One aspect was ensuring that submitted articles are formatted according to the AgEconSearch website guidelines. This eases online accessibility of the articles. Getting the Nigerian Journal of Agricultural Economics online will significantly increase global awareness about research conducted in Nigeria. The instrumental role of Mr. Osawe demonstrates how the project's scholars program is not only supporting domestic research but building capacity of Nigerians to independently disseminate it, as well.

### **Blog Content Supplied by the Project Scholars**

In the last quarter of year 3, the NAPP Scholars were trained on utilizing social media as means for enhancing discussions around agricultural policy issues. For the quarter under review, each NAPP Scholar at MSU authored blog pieces on an agricultural issue drawn from their research area and relevant to several states. These pieces appear on the project website and continue to receive wide readership.

### **Training Videos Geared Towards Young Nigerian Academics:**

As part of its effort to maximize the projects training reach leveraging on the use of digital technologies, the policy project developed and delivered a digital training on journal article writing during the months of September and October. These videos were used at the 2018 Nigerian Association of Agricultural Economists meeting through the facilitation of Nigerian Professors and young Nigerian collaborators. The training will be offered across various institutions of higher learning in the FtF focus states and beyond. This demonstrates how high quality training can be delivered through joint collaboration between scholars on different parts of the globe. It also demonstrates how the policy project tries to maximize the benefits of training at minimal costs.

1. The Art of Research Discovery and Writing Good Articles. How to get published in peer-reviewed journals, a lecture by T. Reardon for the FSP Nigeria Agricultural Policy Project,



- October 12, 2018 (1:17) <https://www.canr.msu.edu/resources/the-art-of-research-discovery-and-writing-good-articles-video>
2. How Could You Sell a Research Idea about Nigeria to a Non-Nigerian Reviewer (9'53"). Tom Reardon and Saweda Liverpool Tasié. October 13, 2018. <https://www.canr.msu.edu/resources/how-could-you-sell-a-research-idea-about-nigeria-to-a-non-nigerian-reviewer>
  3. What Are Some Ways to Make the Case for your Work's Contributions to the Literature based off of Conventional Wisdoms and Using Factual Questions? Tom Reardon and Saweda Liverpool Tasié. October 13, 2018. <https://www.canr.msu.edu/resources/what-are-some-ways-to-make-the-case-for-your-work-s-contributions-to-the-literature>
  4. What Are Some Ways to Apply the Toggle Switch Idea of Shock-Behavior-Outcome to Determine a Good Hypothesis to Test (9'34"). This discussion video is No. 3. Tom Reardon and Saweda Liverpool Tasié. October 13, 2018. <https://www.canr.msu.edu/resources/what-are-some-ways-to-apply-the-toggle-switch-idea>
  5. How to Get Published in a Peer Reviewed Journal. Tom Reardon and Saweda Liverpool Tasié. October 13, 2018. <https://www.canr.msu.edu/resources/5-key-points-to-write-for-a-peer-reviewed-journal>

### **Supervising Professors Visit MSU.**

During the period October 23 – November 21, Professors Aiyeloja Adedapo (University of Port Harcourt, Dept. of Forestry and Wildlife Management) and Ale Aminu (Federal University of Agriculture Makurdi, Soil Science) visited MSU as part of the Project Scholars program. They are the supervisors of Mr. Onyinye Prince Choko and Philip James Hegarty respectively.

While at MSU, these professors met many MSU faculty and forged research linkages that look very promising for providing answers to important research questions. These discussions included faculty in the disciplines of entomology, forestry, soil fertility, community sustainability and economics. Additionally, technical aspects such as grant management, proposal development and submission were covered.

They presented the following presentations in the MSU Department of Agricultural, Food and Resource Economics on November 13, 2018.

- Contribution of Charcoal to Roasted Plantain and Yam Business in Part Harcourt Nigeria: Implication for Forest Conservation. Aiyeloja Adedapo.
- Poor Fertilizer Use and Management: The Need for Adoption of Integrated Nutrient Management for Sustainable Agricultural Production in Nigeria. Ali Alimu.
- Eleven Faculty and students attended these presentations (7 Male and 4 Female)

### **Activity 1.4: Media engagement and Training at Federal and the State Level (Agricultural Communication and Policy Advocacy)**

### **Media engagement (Federal and State Levels)**

In the first quarter, the Project engaged with various media stakeholders to identify capacity building needs to be offered as part of activities to be implemented in Year 4. Following these engagements, a number of training courses began to be delivered in the FTF focused states. Please see activity 1.4 for further details on this.

October 22 and 23, 2018, the Project delivered an intermediate Policy Communications training course for journalists from the National Assembly (NASS) Press Corps in Nigeria's capital, Abuja. The twelve journalists (11 males and 1 female) were trained in the use of online systems for disseminating policy-relevant information and the development of communication strategies and plans. This training built upon knowledge and skills gained in an introductory Policy Communications training course held earlier in 2018. It is expected that following this training the capacity of journalists in generating useful evidence in the formulation of agricultural policies in Nigeria would be enhanced.

October 29 and 30, 2018, the Project carried out an intermediate Policy Communications training in Kebbi state capital, Birnin-Kebbi, as part of efforts towards further strengthening the capacity of Nigerian journalists to drive evidence-based discussions on agricultural policy. The 21 participants (11 male, 10 female) represented a diverse mix in terms of news media ownership with representation of journalists from radio, television and newspapers owned by Kebbi State Government, the Federal Government of Nigeria and the private sector (Annex G). The training covered the design and implementation of communication strategies and plans as well as the use of online platforms and social media for researching, reporting and disseminating information, particularly those related to agricultural policy.

It is difficult to refute the importance of the role that journalists play in setting the agenda and shaping national discussions on issues. As gatekeepers of information, they are vital stakeholders in ensuring an environment where policy decisions are sound and evidence-based. In recognition of this fact, The Project trained 23 journalists on the basics of Policy Communications on 31 October – 1 November 2018 in Birnin-Kebbi, Kebbi State capital. The journalists (13 males, 10 females) who represented various news media outfits (Annex G), were introduced to the concepts of Policy Communications, publicly available and accessible sources of information related to agricultural policy related to Nigeria as well as the role of social media in public discussions on agricultural policy.

As key players in the policymaking space, it is essential that journalists are well equipped to effectively drive public conversations around policy issues. It is on this basis that the Project delivered a policy communications training for 27 journalists based in Niger State from 13-14 November 2018. The participants (13 male, 14 female) at the training were all professionals working with various news media firms, including privately, federal and state-owned organizations (Annex G). The training provided journalists with an introduction to the concepts of policy communications and the use of social media for disseminating and tracking policy-relevant information. Participants also got the opportunity to work on converting policy-relevant agricultural research into stories that would engage a non-technical audience, particularly policymakers and farmers.

On November 15 and 16 2018, two Project Communication Experts delivered an intermediate level Policy Communications training course for 15 journalists based in Niger State. The participants (11 male, 4 female) all work with various news media organizations, including radio, television and newspapers (Annex G). The training covered the design and implementation of communication strategies and plans as well as the use of online platforms and social media for researching, reporting and disseminating information, particularly those related to agricultural policy. The training was well received by the participants.

**Activity 1.5: Engagement with non-government stakeholders (e.g. civil society, NGOs, and think tanks) with particular focus on FTF states #1**

i. Interactions with the All Farmers Association of Nigeria (AFAN)

During the first quarter, the Project continued to interact with Senior Management of the All Farmers Association of Nigeria towards the delivery of capacity building initiatives for various farmer groups in the FTF states. To this regard, a training course on Group Dynamics was organized in Delta state on November 1-2, 2018. Please see Activity 1.1.2 for further details.

ii. Interactions with the Association of Deans of Agricultural Universities (ADAN) in Nigeria

On November 27, 2018, the Project held a meeting with Senior Management of ADAN to discuss capacity-building plans for universities in Year 4 of Project implementation. In year 4, the Project will work closely and will be guided by ADAN towards the delivery of capacity building initiatives for universities. Following earlier discussions with USAID, it was agreed in the meeting that the training courses organized for ADAN members will target faculty and researchers who will the subsequently step down the trainings to their fellow colleagues and students.

The Project has continuously been in touch with ADAN Senior Management and particularly in view of the ASUU general strike which has affected planned training courses (see Issues in Agriculture and Development for Cross River state and Kebbi State University of Science and Technology-Aliero, Kebbi state). It was agreed that due to the strike, ADAN will explore the possibility of hosting the training in an alternative venue outside the university. ADAN would also engage various ASUU branch chairpersons to ensure that training courses take place where planned. ADAN would update the Project accordingly on any progress made.

iii. Joint activities with the Nigerian Association of Agricultural Economists (NAAE)

The project continues to work with the NAAE. For the second year in a row, the project has supported the association's annual conference through activities geared at young Nigerian Scholars. This year, the project and the association organized a training on journal article writing for publication in international peer reviewed journals. This was a two-day event for 22 young Nigerian scholars from across the nation.

iv. Interaction with the private sector

Private sector interaction is an important element of Project implementation. During the first quarter, Nigerian agro-dealers have increasingly begun organizing themselves into formal groups, particularly associations. It is an established fact that associations allow agro-dealers to harness their personal resources into powerful tools for change and growth. While associations have the tangible benefit of allowing agro-dealers to have wider access to agricultural support and financial services, an easily missed, yet extremely important benefit of association activity, is its ability to build agro-dealers' aptitude for solving practical problems and influencing their wider community. Considering the importance of the private sector in the agricultural sector, the Project engaged with agro-dealers in the FCT during the first quarter to further enhance their capacity. Please see Activity 1.1.2 for further details.

## **Component 2: Policy driven collaborative research and analysis.**

Following a meeting with USAID at the US Embassy on July 26, the Project was requested to focus on using the findings and recommendations from the over 26 research studies to implement Components 1 and 3 in Year 4 of the Project implementation. This should be geared towards capacity building and dissemination and for promoting policy dialogue efforts. Thus, in year 4, the project is not engaging in any research beyond support offered to the project scholars. The project is focusing on capacity building and dissemination of the research output that emanated from years 1-3.

## **Component 3: Strengthening evidence-based policy process and promoting impact**

### **Activity 3.1: Strengthening Policy Process by bridging the gap between “knowledge providers” and “knowledge users”: Outreach, engagement and Dissemination of Results from component 2**

#### **3.1.1 A. National Level Dissemination**

Under this component, the Nigeria Agricultural Policy Project seeks to systematically bring together various stakeholders and actors in the policy process to share knowledge that can contribute to improved policy processes. An important contribution to the policy process by the Project was a presentation delivered during the FMARD-organized workshop on 3-7 December 2018 in Abuja on development of survey tools (survey protocol, questionnaire, consent form, publicity material) toward the preparation of the National Food Consumption and Micronutrient Survey (NFCMS) by FMARD. Standard operating procedures (SOPs) were also developed to enable the submission of the survey instrument for ethical clearance. Mr. Hyacinth Edeh, a project Research Analyst, made a presentation on “Improving socio-economic and demographic indicators for the Nigeria Food Consumption and Micronutrient survey planned in 2019. In addition, Dr. George Mavrotas (and a team of project members) was fully involved on behalf of the Project in the review of the zero-draft questionnaire for the planned survey, anchoring the socio-demographic thematic group.

#### **B. State Level Dissemination**

##### **i. Research Findings:**

Between March and September 2018, the Policy Project's Fishery and Aquaculture Study Team conducted research on the fish subsector of Niger and Kebbi State. In this quarter, results were provided to the follow state level entities;

- December 13, 2018. Research findings were presented, by Nigeria collaborators of the project, to the Kebbi State Government at the Kebbi State Government Secretariat, Birnin-Kebbi. The Kebbi State Commissioner for Animal Health, Husbandry and Fisheries chaired the presentation. Also in attendance were the Permanent Secretaries of the Kebbi State Ministry of Agriculture and Natural Resources, and the State Ministry of Animal Health, Husbandry and Fisheries. Representatives from Kebbi Agricultural and Rural Development Authority (KARDA). Non-government personnel included fish farmers, processors, marketers and youth.
- December 17, 2018. The collaborative research team (comprised of four students and their professors from two institutions of higher learning in Niger State alongside faculty from Michigan State University) presented its research findings to the Niger State Government. The presentation (made by one of the student members) took place at the Niger State Government Secretariat, Minna. The Permanent Secretary, Niger State Ministry of Agriculture and Rural Development, (standing in for the Honorable Commissioner of the Ministry) presided over the meeting. Others in attendance were Directors of the State Ministry, including the Director of Livestock and Fisheries. Non-government personnel at the presentation included youths (majorly young graduates participating in the Federal Government Program – N Power), fish farmers, processors, and marketers. Furthermore, data from the study has been utilized in the theses of two student members of the research team.

## **ii. Articulated Demand**

- During December 10-17, 2018, project personnel interacted with multiple state ministries in Benue, Ebonyi and Niger States. During these interactions, the state ministries articulated areas of desired policy support relating to agriculture, nutrition, awareness and gender (women and children). This will enable the project scholars to realistically support the policy needs of the Ministries in line with the Project Objectives.
  - In Benue State, the ministries were the Ministry of Agriculture and Natural Resources, the Ministry of Women Affairs, the Ministry of Health and Ministry of Education, Science & Technology. Further, Mrs. Hephzibah Obekpa (PhD Candidate at University of Agriculture, Makurdi (UAM) and incoming Policy Project Scholar at Michigan State University) and her academic advisor, Professor Godwin Abu were introduced to the ministries. Mrs. Obekpa, Prof. Godwin Abu, Prof. Ali, Mrs. Blessing Agada (PhD candidate at UAM and Project Scholar 2018) and Mr. Philip Hegarty (Masters Candidate and Project Scholar 2018) were acknowledged and identified as UAM primary contact persons to maintain links with the Ministries, for continuity and sustainability in Benue State.
  - In Ebonyi State, the ministries were the Ministry of Agriculture and Natural Resources, Ministry of Women Affairs, and the Ministry of Health. Mr. Charles Olumba (PhD Candidate at Ebonyi State University (EBSU) and incoming Policy

- Project Scholar at Michigan State University) and his academic advisor, Professor Alimba were introduced to the ministries. Mr. Olumba, Prof. Alimba, Dr. Okereke, Mr. Okpani and Mr. Mbah were acknowledged and identified as EBSU primary contact persons to maintain links with the Ministries, for continuity and sustainability in Ebonyi State.
- In Niger State, the ministries were the Ministry of Agriculture and Rural Development, the Ministry of Education, the Ministry of Women Affairs, and the Ministry of Health. Mrs. Balaraba Sule (PhD Candidate at Federal University of Technology Minna {FUT Minna}, Academic State at Ibrahim Badamosi Babangida University Lapai {IBB University} and incoming Policy Project Scholar at Michigan State University) and her academic advisor, Dr. Ayodeji Coker of FUT Minna were introduced to the ministries. Mrs. Sule and Dr. Ayodeji Coker were identified and acknowledged as primary contact persons to maintain links with the four Ministries, for continuity and sustainability in Niger State.
- iii. Outreach pamphlets as alternative communication pieces for research output**
- In the continuing bid to ensure that research output translates to relevant practical output for Nigerians (including but beyond policy makers), MSU faculty and the climate change research team, based on interactions that they had with poultry producers, developed a new pamphlet. This pamphlet has been translated into Hausa, Igbo and Yoruba with the expectation that it can be further translated into other languages. In Kogi and Niger States, the Ministries of Agriculture are in discussions with Faculty members of their respective state universities on translating the pamphlets to the indigenous languages.
    - Pamphlet for Better Poultry Management Practices with Changes in Climate. Kazeem Bello, Buba Wahe, Toba Adeyeye, Saweda Onipede Liverpool-Tasie et al. November 2018. This pamphlet is currently available in: Hausa, Igbo and Yoruba.

### **3.1.2 Support to FMARD policy processes**

Support to FMARD remains a key objective of the Project. The Project has continuously strengthened the good partnership with FMARD since inception. FMARD has a representative on the Policy Project's National Advisory Committee and the Project has regular meetings with FMARD management and senior advisors to the Honorable Minister of Agriculture (HMA), among others. Please see component 1.1.1 for further details on training courses delivered for FMARD.

## **Activity 3.2 Support for state agricultural policy development (or review) for FTF states**

### **3.2.1 Support for State Agricultural Policy Development (or review) Ebonyi State and Delta State (FTF states)**

During the first quarter, the Project commenced discussions with senior Ministry of Agriculture officials in both Delta and Ebonyi states towards the development/review of the state's respective agricultural policies. Follow up meetings are planned in both states in the

second quarter with key stakeholders towards the identification of the key priorities to be included in the respective policies developed/reviewed with support from the Project.

### **3.2.2 Support for Kebbi State Policy Development Completion and Implementation**

The project continued engagements on the policy with the government of Kebbi State, particularly the Ministries of Agriculture & Natural Resources and Animal Health, Husbandry and Fisheries. In the area of Fisheries and Aquaculture, the project is coordinating discussions on developing a state government programme to be driven by the private sector for entrepreneurs and young people in the state to receive practical training along the entire value chain, and thereafter established in clusters supported by the State government in any of the four agricultural development zones. As regards the Policy Proper, the validation process has been stalled with the ongoing political process in the country. The Commissioner for Agriculture & Natural Resources is serving on campaign committees at the behest of the Executive Governor and thus has yet to schedule a meeting for this activity to be concluded. Once concluded, follow on activities such as technical support for the implementation, and offsite collaborative monitoring and evaluation commences. Irrespective of the delay, the Activity is working with the Private Sector on enhancing income generating opportunities inherent in the agricultural subsector of fisheries and aquaculture in the state.

## **3. INTEGRATION OF CROSSCUTTING ISSUES AND USAID FORWARD PRIORITIES**

### **Gender Equality and Female Empowerment**

Gender is a critical issue, and this is reflected in capacity building initiatives undertaken by the Project. Capacity building activities in Year 4 continue to consider gender as an important element in the selection of beneficiaries for Project activities. Where possible, the Project makes a deliberate attempt to ensure that there is as equal participation of both males and females (as possible) ensuring that both gender groups are represented and appropriately benefit from capacity building activities.

The project scholars program and collaborative research teams pay particular attention to gender balance. For example, the aquaculture research team was composed of two male students and 3 female students while the scholar program till date has comprised of 55% females and 45% males. In the recent dissemination activities organized by the aquaculture research team in Kebbi and Niger, the presentations were made by male and female team members respectively.

Where possible climate change and environmental considerations are brought to bear in the project's activities. For example, as part of the dissemination activities of the poultry value chain research team, work on the effect of climate change on the subsector was considered and a pamphlet of guiding practices for poultry farms to deal with climate change was produced. The pamphlet has been translated into 3 main Nigerian Languages. Copies of these

pamphlets were distributed to ministries of agriculture, health and women affairs in Kebbi, Niger and Ebonyi States with plans to expand dissemination over the rest of the project.

## **4. M&E PLAN UPDATE**

The annual work plan for Year 4 was submitted to USAID on 31 August 2018 and approved on October 19, 2018. A further revised version was shared with USAID on December 5, 2018. A number of changes were made to indicators including introduction of new indicators and removal of other indicators that the Project was reporting on in Year 3. Please see Table 2 in Annex A for approved indicators in Year 4. In addition to changes made in the indicators, the Project is also in Year 4 sharing capacity building plans and participant beneficiary lists with USAID in a dedicated online folder.

### **Staff Developments**

At the end of this quarter:

- The staff at the IFPRI Office in Abuja includes: A Senior Research Fellow & Program Leader (Chief of Party), an Associate Research Fellow, a Country Program Manager, a Research Analyst II, 3 Research Analysts I, a Senior Program Assistant, a Program Assistant, a Communications Specialist, a Communications Assistant, an M&E Specialist, an M&E and Policy Communications Assistant and 2 drivers.
- The staff at MSU associated with this project includes: 1 Associate Professor (Principal Investigator), 1 Distinguished Professor, 1 Associate Professor, 2 Assistant Professors, 1 Specialist, 1 Graduate Research Assistant, an Accountant, and a Travel Coordinator.

## **5. LESSONS LEARNED**

A number of lessons were learnt during a field visit organized on October 2-5 in Kaduna state. From the Policy Communications training delivered by the Project, it was learnt that media beneficiaries are now better able to write policy reports. This was supported by NAERLS members who collaborated that the information that they forwarded to the journalists were now better written compared to before they received the training. NAERLS participants also appreciated the opportunity to have been trained collectively alongside the media as such a set up allows for synergy and effective collaboration among various stakeholders in the agricultural sector. It was also disclosed during the meeting that while journalists and news correspondents are located in the FTF focus states, the Editors are usually located in Lagos State and they direct what the journalists and news correspondents do.

From the State Ministry of Agriculture and Forestry, it was learnt that the Project's capacity building initiative on data analysis and subsequent drafting of a policy brief on soybean was particularly useful in the states policy process. The brief was presented to the State Executive



Council which consists of the Governor and Commissioners, and is the highest decision-making body in the state.

Participants from farmer groups were thankful for the opportunity to be trained in Policy Communications. They reported that due to the training received from the project, they have been able to monitor the supply and distribution of agricultural inputs in their locality through the use of SMS and phone. Female farmers participating in the trainings indicated that their groups were better organized following the training and had a better understanding of agricultural policies and who to hold accountable.

The Policy project scholars program has learned that initial interaction with the faculty and institutional leadership of the institutions from which the scholars come from is an important factor. It helps to ensure that the scholars receive the support they need to implement new ideas and apply new skills acquired while at MSU, on their return to their institutions. This is also another value of having the Nigerian professors come to MSU during the program. While the project expect the advisors' visit to MSU to benefit the advisors, and the agricultural policy process in Nigeria through their improved exposure, networking and research collaboration, we have also learned that they are important champions for the scholars and their ideas when they return to their institutions

Upon returning home, a scholar was supported by his advisor to conduct training for his peer at his institution and to conduct fieldwork to support project activities. A second scholar came with some research ideas that are standard but not accepted in his department. His advisor, having seen how things were done at MSU was able to make a case for the student to introduce his ideas and approaches that were not widely known in his environment. This has been a worthwhile learning experience which the project has incorporated into the design of the activities for the final set of scholars arriving at MSU in January 2019. For example, for the three incoming scholars in January, visits were paid to the vice chancellors of their institutions as well as to the ministries of agriculture (health, education and women affairs in some cases) to introduce the scholars and enquire about potential research issues the scholars could explore that would be useful to the relevant ministries.

## **6. WHAT DOES USAID NOT KNOW THAT IT NEEDS TO?**

Visiting Professors have informed us that they were treated rudely at the USA Embassy when they obtained their visas. Further, they specified that once they got past the first line of staff (who were rude), they received professional, respectful service. Of course, this does not reflect well on the project and even more so on USAID Nigeria and the overall operation of the American Embassy.

## ANNEX A: NUMBER OF RESEARCH REPORTS PUBLISHED (Indicator 1)

### Paper description

#### IFPRI/MSU Internal Publications

1. Mavrotas, George; Mogue, Tewodaj; Oyeyemi, Motunrayo; Smart, Jenny; and Xiong, Zhe. 2018. Agricultural public expenditures, sector performance, and welfare in Nigeria: A state-level analysis. NSSP Working Paper 60. Washington, DC: International Food Policy Research Institute (IFPRI).  
<http://ebrary.ifpri.org/cdm/ref/collection/p15738coll2/id/133006>
2. Resnick, Danielle; Sivasubramanian, Bhavna; Idiong, Idiong Christopher; Ojo, Michael Akindele; and Tanko, Likita. 2018. The enabling environment for informal food traders in Nigeria's secondary cities. NSSP Working Paper 59. Washington, DC: International Food Policy Research Institute (IFPRI).  
<http://ebrary.ifpri.org/cdm/ref/collection/p15738coll2/id/132896>

#### Publications in International Journals

1. Amare, Mulubrhan; Arndt, Channing; Abay, Kibrom A.; and Benson, Todd. Urbanization and child nutritional outcomes. World Bank Economic Review. First published online on October 10, 2018.  
<https://doi.org/10.1093/wber/lhy015>
2. Amare, Mulubrhan; Benson, Todd; Fadare, Olusegun; and Oyeyemi, Motunrayo. Study of the determinants of chronic malnutrition in northern Nigeria: Quantitative evidence from the Nigeria demographic and health surveys. Food and Nutrition Bulletin. <https://doi.org/10.1177/0379572118768568>
3. Takeshima, Hiroyuki. 2018. Distributional effects of agricultural infrastructure in developing countries: Large irrigation dams and drought mitigation in Nigeria. Journal of Developing Areas 52(3):1-13.  
<https://doi.org/10.1353/jda.2018.0032>

## ANNEX B: NUMBER OF PARTICIPANTS ATTENDING PROJECT ORGANIZED RESEARCH AND POLICY EVENTS (Indicator 2)<sup>3</sup>

Event	Location	Participants
1. Meso study on fish value chain research dissemination: the rapid transformation of the fish value chain in Nigeria: evidence from Kebbi state	Kebbi state ministry of agriculture & natural resources, 13-Dec-18	Government, Research/ Academic/Private Sector. 49 Participants (Male-47, Female-2)
2. Meso study on fish value chain research dissemination: the rapid transformation of the fish value chain in Nigeria: evidence from Niger state	Niger state ministry of agriculture & rural development, 17-Dec-18	Government, Farmer Organizations, Research/ Academic. 47 Participants (Male-35, Female- 12)
3. Water Use Efficiency of Cowpea Cultivars Grown on Residual Moisture from the Fadama in Tasompoh Zing LGA, Taraba State, Nigeria". Philip Hegarty James	MSU. November 2018	Research/ Academic. 15 Participants (Male-11, Female- 4)
4. Competitiveness of Domestic Rice under Different Production and Processing Technologies in Nigeria: An Application of Policy Analysis Matrix": Wellington Osawe Osayamon	MSU. 18 October 2018	Research/ Academic. 15 Participants (Male-8, Female- 7)

<sup>3</sup> The total of this table will differ from "1.1 Summary of Results to Date" as some people attended more than 1 event. "1.1 Summary of Results to Date" removes this double counting.

**ANNEX C: NUMBER OF INDIVIDUALS PARTICIPATING IN USG FOOD SECURITY PROGRAMS  
(Indicator 4)**

Date	Location	Topic	Participants				
			Type	Male	Female	15-29	30+
<b>1.1.1 FMARD</b>							
November 7-8, 2018	Abuja	Monitoring and Evaluation	FMARD	4	3	0	7
November 26-28, 2018	Abuja	Stata software for Data Analysis	FMARD	18	3	1	20
November 29-30, 2018	Abuja	Issues in Agriculture and Development	FMARD	14	6	0	20
December 5-6, 2018	Abuja	Survey Design and Implementation	FMARD	15	9	0	24
December 10-11, 2018	Abuja	Review of policies (APP, ERGP, CAADP)	FMARD	9	12	1	21
<b>1.1.2 Universities</b>							
October 15, 18 2018	Kaduna	Workshop on Journal Article Writing	Nigerian Association of Agricultural Economists Annual Meeting	13	9	18	4
October 22-26, 2018	Delta State University	Econometrics for Policy Analysis using Stata	Academia	18	6	4	20
October 22-26, 2018	Kaduna State University-Kafanchan Campus	Econometrics for Policy Analysis using Stata	Academia	28	3	10	21

Date	Location	Topic	Participants				
			Type	Male	Female	15-29	30+
November 1-2, 2018	Delta State	Group Dynamics	Farmer Groups	19	10	0	29
November 5-9, 2018	Benue State University	Survey data analysis using Stata	Academia	24	6	2	28
November 13-15, 2018	Ahmadu Bello University	Computer Assisted Personal Interview (CAPI)	Academia	21	4	1	24
Over the Fall of 2018	Virtual	Training Nigerian Journal of Agricultural Economics journal's editorial board to get the 2018 publication online	Academia	2	0	0	2
<b>1.2. State trainings and capacity building efforts</b>							
December 17-19, 2018	Kaduna	Monitoring and Evaluation for Results	State Ministry of Agriculture	21	3	0	24
<b>3.3.1 Media engagement and training (federal Level)</b>							
October 22-23, 2018	Abuja	Policy Communications	National Assembly	11	1	1	11
<b>3.3.2 Media engagement and training (state level)</b>							
October 29-30, 2018	Kebbi	Policy Communications	Kebbi state journalists	10	10	0	20
October 31-November 1, 2018	Kebbi	Policy Communications	Kebbi state journalists	13	10	0	23
November 13-14, 2018	Niger	Policy Communications	Niger state journalists	12	14	0	26
November 15-16, 2018	Niger	Policy Communications	Niger state journalists	11	4	0	15

**ANNEX D (a): NUMBER OF INDIVIDUALS WHO HAVE RECEIVED USG SUPPORTED DEGREE-GRANTING NON-NUTRITION-RELATED FOOD SECURITY TRAINING IN FY 2019. (Indicator 5)**

<b>Name</b>	<b>Institution</b>	<b>Degree Level</b>	<b>Semesters at MSU</b>
Osayanmon Wellington, Osawe	University of Ibadan, Nigeria	PhD	Spring/Fall 2018
Blessing, Agada	Federal University of Agriculture Makurdi	PhD	Spring/Fall 2018
Choko, Onyinye Prince	University of Port Harcourt	MS	Fall 2018
Philip, Hegarty James	Federal University of Agriculture Makurdi	MS	Fall 2018

**ANNEX D (b): NUMBER OF INDIVIDUALS WHO HAVE RECEIVED USG SUPPORTED DEGREE-GRANTING NON-NUTRITION-RELATED FOOD SECURITY TRAINING REPORTED IN FYs 2015-2016, 2016-2017, 2017-2018.**

<b>Name</b>	<b>Institution</b>	<b>Degree Level</b>	<b>Semesters at MSU</b>
Charity Ekerebi	University of Ibadan, Nigeria	MS	Fall 2016
Aisha Ibrahim	Ahmadu Bello University, Zaria	MS	Spring 2017
Wale Ogunleye	University of Ibadan, Nigeria	PhD	Fall 2016, Spring 2017
Ufedo Monday Shaibu	Kogi State University Anyigba	MS	Fall 2017
Oluwatoyin Motunrayo Ademola	University of Agriculture, Abeokuta	MS	Fall 2017
Stella Nwawulu Chiemela	University of Nigeria, Nsukka, Enugu State, Nigeria	PhD	Spring 2018

## ANNEX E: NUMBER OF AGRICULTURE POLICY COMMUNICATIONS DEVELOPED AND/OR WRITTEN FOR STAKEHOLDER CONSUMPTION (Indicator 7)

Paper description	
<b>Policy Briefs</b>	
1)	Resnick, Danielle; Sivasubramanian, Bhavna; Idiong, Idiong Christopher; Ojo, Michael Akindede; and Tanko, Likita. 2018. Synopsis: The enabling environment for informal food traders in Nigeria's secondary cities. NSSP Policy Note 52. Washington, DC: International Food Policy Research Institute (IFPRI). <a href="http://ebrary.ifpri.org/cdm/ref/collection/p15738coll2/id/132983">http://ebrary.ifpri.org/cdm/ref/collection/p15738coll2/id/132983</a>
2)	Ecker, Olivier; Hatzenbuehler, Patrick L.; and Mahrt, Kristi. 2018. Synopsis: Transforming agriculture for improving food and nutrition security among Nigerian farm households. NSSP Policy Note 51. Washington, DC: International Food Policy Research Institute (IFPRI). <a href="http://ebrary.ifpri.org/cdm/ref/collection/p15738coll2/id/132906">http://ebrary.ifpri.org/cdm/ref/collection/p15738coll2/id/132906</a>
3)	Hatzenbuehler, Patrick L.; Takeshima, Hiroyuki; Edeh, Hyacinth; and Lawal, Akeem. 2018. Synopsis: Cost and policy determinants of features of tractor markets in Nigeria: Case studies of tractor sellers in Kaduna state and tractor owners in Benue state. NSSP Policy Note 50. Washington, DC: International Food Policy Research Institute (IFPRI). <a href="http://ebrary.ifpri.org/cdm/ref/collection/p15738coll2/id/132892">http://ebrary.ifpri.org/cdm/ref/collection/p15738coll2/id/132892</a>
4)	Hatzenbuehler, Patrick L.; Mavrotas, George; Maikasuwa, Mohammed Abubakar; Aliyu, Abdulrahman; and Bashir, Amina. 2018. Synopsis: Grain storage and marketplace characteristics in Kebbi state, Nigeria. NSSP Policy Note 49. Washington, DC.: International Food Policy Research Institute (IFPRI). <a href="http://ebrary.ifpri.org/cdm/ref/collection/p15738coll2/id/132877">http://ebrary.ifpri.org/cdm/ref/collection/p15738coll2/id/132877</a>
5)	Takeshima, Hiroyuki; Hatzenbuehler, Patrick L.; and Edeh, Hyacinth. 2018. Synopsis: Effects of agricultural mechanization on economies of scope in crop production in Nigeria. NSSP Policy Note 48. Washington, DC: International Food Policy Research Institute (IFPRI). <a href="http://ebrary.ifpri.org/cdm/ref/collection/p15738coll2/id/132883">http://ebrary.ifpri.org/cdm/ref/collection/p15738coll2/id/132883</a>
6)	Use of Modern Inputs and Complementary Farm Practices in the Nigeria Rice Value Chain: Implications for Policy. Osayanmon Wellington Osawe, 2018. Feed the Future Innovation Lab for Food Security Policy Research Brief 85. East Lansing: Michigan State University. <a href="https://www.canr.msu.edu/resources/use-of-modern-inputs-and-complementary-farm-practices-in-the-nigeria-rice-value-chain-implications-for-policy">https://www.canr.msu.edu/resources/use-of-modern-inputs-and-complementary-farm-practices-in-the-nigeria-rice-value-chain-implications-for-policy</a>
7)	The Co-Occurrence of Aflatoxin and Fumonisin along the Maize Value Chain in Southwest Nigeria. Lenis Liverpool-Tasie, Nikita Saha Turna, Oluwatoyin Ademola Adewale Obadina, Felicia Wu, 2018. Feed the Future Innovation Lab for Food Security Policy Research Brief 83. East Lansing: Michigan State University.

<p><a href="https://www.canr.msu.edu/resources/the-co-occurrence-of-aflatoxin-and-fumonisin-along-the-maize-value-chain-in-southwest-nigeria">https://www.canr.msu.edu/resources/the-co-occurrence-of-aflatoxin-and-fumonisin-along-the-maize-value-chain-in-southwest-nigeria</a></p>
<p>8) Changing the Fertilizer Conversation in Nigeria: The Need for Site Specific Soil-Crop Fertilizer Use. Blessing Agada 2018. Feed the Future Innovation Lab for Food Security Policy Research Brief 73. East Lansing: Michigan State University. <a href="https://www.canr.msu.edu/resources/changing-the-fertilizer-conversation-in-nigeria-the-need-for-site-specific-soil-crop-fertilizer-use">https://www.canr.msu.edu/resources/changing-the-fertilizer-conversation-in-nigeria-the-need-for-site-specific-soil-crop-fertilizer-use</a></p>
<p>9) Trade Openness in Nigeria and its Effect on Agricultural Share of GDP. Abubakar Balaraba Sule. 2018. Feed the Future Innovation Lab for Food Security Policy Research Brief Forthcoming. East Lansing: Michigan State University.</p>
<p>10) Agriculture, Land Access and Economic Growth in Africa: An Instrumental Variable Approach. Chukwudi C. Olumba. 2018. Feed the Future Innovation Lab for Food Security Policy Research Brief Forthcoming. East Lansing: Michigan State University.</p>
<p>11) The Nexus between Malnutrition and Agricultural Subsector Outputs in Nigeria. Hephzibah Onyeje Obekpa. 2018. Feed the Future Innovation Lab for Food Security Policy Research Brief Forthcoming. East Lansing: Michigan State University.</p>
<p>12) Survey on Milk Production in Nigeria for the Year 2015. Onyinye Prince Choko. 2018. Feed the Future Innovation Lab for Food Security Policy Research Brief Forthcoming. East Lansing: Michigan State University.</p>
<p>13) Farmers' Perception of Causes Soil Degradation in Northern Taraba, in Taraba State of Nigeria. Hegarty James Philip. 2018. Feed the Future Innovation Lab for Food Security Policy Research Brief Forthcoming. East Lansing: Michigan State University.</p>
<p><b>Research Paper</b></p>
<p>1) The Occurrence and Co-Occurrence of Aflatoxin and Fumonisin along the Maize Value Chain in Southwest Nigeria. Lenis Liverpool-Tasie, Nikita Saha Turna, Oluwatoyin Ademola, Adewale Obadina, Felicia Wu, 2018. Feed the Future Innovation Lab for Food Security Policy Research Paper 120. East Lansing: Michigan State University. <a href="https://www.canr.msu.edu/resources/the-occurrence-and-co-occurrence-of-aflatoxin-and-fumonisin-along-the-maize-value-chain-in-southwest-nigeria">https://www.canr.msu.edu/resources/the-occurrence-and-co-occurrence-of-aflatoxin-and-fumonisin-along-the-maize-value-chain-in-southwest-nigeria</a></p>
<p>2) The Rapid Transformation of the Fish Value Chain in Nigeria: Evidence from Kebbi State. Ayuba Gona, Gwoni Woji, Sunday Norbert, Hajar Muhammad, Lenis S. O. Liverpool-Tasie, Thomas Reardon, Ben Belton, 2018. Feed the Future Innovation Lab for Food Security Policy Research Paper 118. East Lansing: Michigan State University. <a href="https://www.canr.msu.edu/resources/the-rapid-transformation-of-the-fish-value-chain-in-nigeria-evidence-from-kebbi-state">https://www.canr.msu.edu/resources/the-rapid-transformation-of-the-fish-value-chain-in-nigeria-evidence-from-kebbi-state</a></p>
<p>3) Climate Change Adaptation among Poultry Farmers: Evidence from Nigeria. Lenis Saweda O. Liverpool-Tasie, Awa Sanou and Justice A. Tambo, 2018. Feed the Future Innovation Lab for Food Security Policy Research Paper 117. East Lansing: Michigan State University. <a href="https://www.canr.msu.edu/resources/climate-change-adaptation-among-poultry-farmers-evidence-from-nigeria-research-paper">https://www.canr.msu.edu/resources/climate-change-adaptation-among-poultry-farmers-evidence-from-nigeria-research-paper</a></p>



4) The Effect of Processing Practices on Mycotoxin Reduction in Maize Based Products: Evidence from Lactic Acid Fermentation in Southwest Nigeria. Oluwatoyin Ademola, Lenis Saweda O. Liverpool-Tasie, Adewale Obadina, Nikita Saha Turna, Felicia Wu, 2018. Feed the Future Innovation Lab for Food Security Policy Research Paper 116. East Lansing: Michigan State University. <https://www.canr.msu.edu/resources/the-effect-of-processing-practices-on-mycotoxin-reduction-in-maize-based-products-evidence-from-lactic-acid-fermentation-in-southwest-nigeria>.

**Other**

1) Changing Perspective to Data Analysis: My Journey with R Statistical Programming. Highlights 33, Agada Iveren Blessing, September 2018. <https://www.canr.msu.edu/resources/a-changing-perspective-to-data-analysis-my-journey-with-r-statistical-programming>

2) The Future of Africa: Making "Africanists", Driver of Our Own Development. Highlights 31, Osayanmon Wellington Osawe, September 2018. <https://www.canr.msu.edu/resources/the-future-of-africa-making-africanists-driver-of-our-own-development>

3) Building Resilience in Nigerian Agriculture. Laura Schmitt Olabisi and Saweda Liverpool-Tasie. December 6, 2018. Agrilinks. <https://www.agrilinks.org/post/building-resilience-nigerian-agriculture>

## ANNEX F: PROJECT SUCCESS STORIES

### 1) Policy project jointly organizes digital training with the Nigerian Association of Agricultural Economists

The Nigerian Association of Agricultural Economists (NAAE) held their annual meeting between **October 15 and 18, 2018**. As part of the policy project's support for capacity strengthening, a training workshop on Journal Article writing for 20 young Nigerian scholars was jointly organized. The two-day training workshop, led by Profs. Thomas Reardon and Liverpool-Tasie of Michigan State University was delivered digitally using a series of videos and facilitated by Nigerian collaborators

<http://www.canr.msu.edu/fsp/countries/nigeria/featured-stories>. This activity demonstrates how the policy project, innovatively working with Nigerian partners, leverages on digital technology to provide training in Nigeria. Participants trained are being mentored over the next year on applying concepts learned in the training.

### 2) Policy Project Scholar applies research in leadership role in training young Nigerian Faculty:

During the recently concluded annual meeting of the Nigerian Association of Nigerian Economists (**October 15-18, 2018**), the policy project organized an innovative training workshop on journal article writing for young Nigerian scholars. Policy Project Scholar, Ms. Aisha Lawal Ibrahim (of Ahmadu Bello University Zaria) served as a facilitator during the training. In several instances, Aisha used examples from her own research to clarify key concepts taught during the training.

[https://mediaspace.msu.edu/media/Clip+of+VID-20181017-WA0060/1\\_eebj701](https://mediaspace.msu.edu/media/Clip+of+VID-20181017-WA0060/1_eebj701) By doing this Aisha illustrates how project scholars remain engaged in project activities (upon their return home from Michigan State University) and how they are applying lessons learned from their experience in the program to train others.



### 3) Policy Project supports the delivery of Keynote address at the 19<sup>th</sup> conference of the Nigerian Association of Agricultural Economists (NAAE)

During the 2018 NAAE meeting, Michigan State University Distinguished Professor, Thomas Reardon delivered the keynote address for the conference using digital technology. A recorded video of his presentation on food systems transformation in Africa and Asia was played during the conference. The keynote was well received and Prof. Reardon was given an award for outstanding scholarship on food systems research and for delivering the lead paper.

This indicates the high level of appreciation that civil society has for the Project and USAID's efforts.



### 4) FTF Nigerian Agricultural Policy Project Visiting Professors Develop Potential Collaborations at MSU, October 21 – November 20, 2018.

A key component of the Project Scholars program is the month long visit to MSU by the student's supervisor. Two Nigerian professors completed such a visit this week. The professors are Prof. Aiyelaja Ayo Adedapo, University of Port Harcourt, Department of Forestry and Wildlife Management and Prof Ali Aminu Federal University of Agriculture Makurdi, Department of Soil Science.

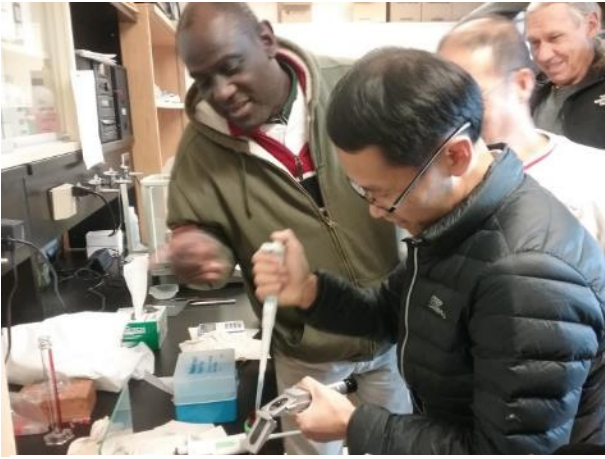
These professors made significant progress in meeting faculty with interests in varying research issues bearing direct relevance to the Nigerian national context. These discussions included faculty in the disciplines of entomology, forestry, soil fertility, community sustainability and economics. Additionally, technical aspects such as grant management, proposal development and submission were covered.



*Dr. Adedapo, Mr. Longabaugh, Dr. Huang and Dr. Ali after a visit to the MSU bee farm*



*Drs. Adedapo and Ali meeting with Dr. Robert Richardson and Mr. Longabaugh to discuss sustainable energy production for Nigerian households and the impact of charcoal production.*



*Determination of Moisture content of Honey in Dr. Zachary Huang's lab.*

**5) Policy Communications Training Course “Extremely Beneficial” for Agric Policy Reporting-Journalists in Kebbi state**

It is difficult to refute the importance of the role that journalists play in setting the agenda and shaping national discussions on issues. As gatekeepers of information, they are vital stakeholders in ensuring an environment where policy decisions are sound and evidence-





based. In recognition of this fact, two Communications Experts from the Feed the Future Nigeria Agricultural Policy Project trained 23 journalists on the basics of Policy Communications on **31 October – 1 November 2018** in Birnin-Kebbi, Kebbi State capital.

The journalists (13 males, 10 females) who represented various news media outfits, were introduced to the concepts of Policy Communications, publicly available and accessible sources of information related to agricultural policy related to Nigeria as well as the role of social media in public discussions on agricultural policy. According to Abdullahi Yalmo, a Reporter with KBTv, the Kebbi State-owned television station, “I learnt a lot. Right from the concepts of policy, to social media, especially the use of hashtags. This training has shown me that I have a long way to go... I need to go to the grassroots, talk to the rural farmers and make sure their issues, their stories really come to the fore.”

### **6) FTF Nigerian Agricultural Policy Project Scholar presents findings at the Annual Meeting of Agronomy Society of America (ASA)/Crop Science Society of America (CSSA), Baltimore November 4<sup>th</sup> to 8<sup>th</sup>, 2018.**

Mrs. Blessing Agada presented findings from her research titled “The 5<sup>th</sup> R”. She met with senior colleagues in the field of Soil science, Crop science and Geomorphology and received extremely helpful comments on her research.

The graduate sessions and women in science network allowed for networking and her photography skills were enhanced as a result of a workshop teaching how best to take shots in the field so it is relevant and portrays the intended message while ensuring that data is not lost.

The importance of this experience to the project is multifaceted. First, it improved Mrs. Agada’s experience with imparting empirical information to a large group. Secondly, she received valuable feedback on her research endeavors from experts in her field. Third, she was able to build her research networks while being further equipped to continue growing in her role as a pioneering Nigerian woman in a field of science. Fourth, through this medium, Blessing was able to disseminate knowledge through the important findings of her work in Nigeria



*Women in Science meeting*

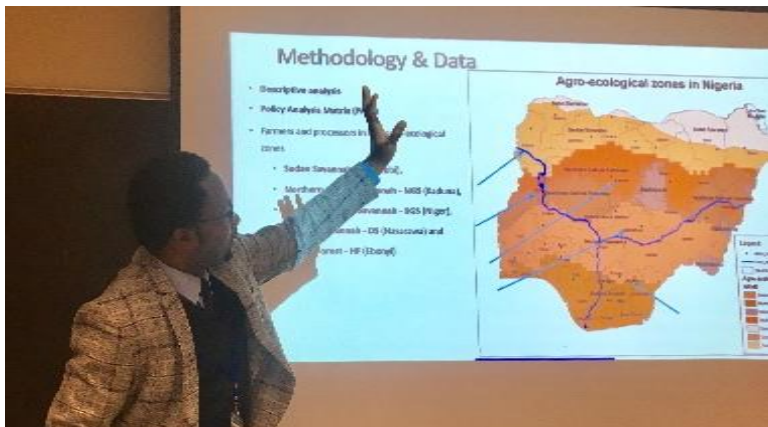
**7) Policy Project Scholar presented Paper at the Maiden Sustainability and Development Conference at the University of Michigan, Ann Arbor, November 9-11, 2018**

Thanks to the generous support from the Feed the Future Nigeria Agricultural Policy Project (NAPP), project scholar, Mr. Osayanmon Wellington Osawe participated at the just concluded maiden edition of the Sustainability and Development Conference, an interdisciplinary research conference based on the Sustainable Development Goals (SDGs) hosted by School for Environment and Sustainability, University of Michigan, Ann Arbor from November 9-11, 2018. The conference was hosted by the School for Environment and Sustainability at the University of Michigan, Ann Arbor with a welcome remark by Professor Arun Agrawal and the Plenary Keynote Address was delivered by Professor Bina Agarwal of the University of Manchester and University of Cambridge. The conference was attended by over 500 distinguished researchers and faculties from over 50 different countries of the world.



During the conference, Mr. Osawe presented his research work titled: “Options for Improving the Competitiveness of Domestic Rice Production in Nigeria” in Track E, Session 53: Better Designs for Agriculture on Saturday November 10 2018.

Mr. Osawe’s presentation provided evidence on the type of technologies predominantly used



in rice production and processing in Nigeria and examined some of the critical areas that are impeding competitiveness of the rice food subsector in Nigeria. Policy recommendations arising from the work hope to support government’s efforts at bridging the huge quality and price gaps between rice produced and processed locally and the imported brands at the local

markets in Nigeria.

## 8) Strengthening NAERLS' Ability to Conduct Nigeria's Annual Agricultural Performance Survey



When a training producing far-reaching results for an institution and agricultural policymaking in a country, then it becomes more than a training. When two Project trainers went to deliver the “Computer Assisted Personal Interview using CPro” course at the National Agricultural Extension and Research Liaison

Service (NAERLS) at Ahmadu Bello University in Zaria on **13-15 November 2018**, this was certainly the desired outcome. The training, which was attended by 25 participants (21 male, 4 female), introduced participants to the CPro software and took them through its use for analyzing data from personal interviews.

Muhammad I. Hudu, who is an Assistant Extension Specialist with NAERLS had this to say upon completion of the training activity: “I will like to commend the effort of the Project for the capacity building and particularly to both of you for the steadfastness and expertise you've shown during the period of the training, although there was different level of intake by the participants but you were able to deal with it with great concern and enthusiasm. Prior to the training, I was only able to collect data on field with the survey instrument designed in CPro. But as at Thursday, I was able to design a survey tool with few logic's and also I was able to extract the data entered to STATA.”

Mr. Hudu stated that he considered the training “a great milestone not to him but also to my institute (NAERLS) and the Ahmadu Bello University at large”. According to him, “In my institute we conduct the annual agricultural performance survey across the country and around 19 teams comprising 3 members each are tasked with the conduct and data is been collected using the open data kit (ODK), but with this training on CPro my institute is already thinking of a way to incorporate the use of CPro in the survey exercise. And there is also a plan for conduct of step down training to my colleagues in the institute to build their capacity and to also look for a way to come up with a draft copy of our survey tool using the CPro platform.”



## 9) Feed the Future Nigeria Agricultural Policy Project Commences Training course on Survey Design and Implementation

On **5-6 December 2018**, the first ever “Survey Design and Implementation” training was conducted by the Feed the Future Nigeria Agricultural Policy Project for various staff of the Federal Ministry of Agriculture and Rural Development (FMARD) in Abuja. The training course which was attended by 24 participants (15 male, 9 female) was tailored to equip participants with the methodologies of survey design and implementation strategies. It is expected that this will provide them with the necessary skills and



knowledge to work with appropriate tools of agricultural survey and data management for effective utilization for planning and policy formulation.

Akinboro Olukayode Ebenezer of Data Management in the Department of Animal Husbandry Services thanked the organizers of the training and also stated that “Narrowing down to my department which has one of its core mandates as the management of livestock data for the various animal and livestock commodity resources in the country, a concise knowledge such as the one I received at the training has been of tremendous help. As the desk officer manning the livestock data desk in my department, I now have great insight into appropriate methodologies to adopt in the periodic data collection activities of my department across the country. Interestingly, the Department has proposed to Ministry management that a comprehensive livestock census should be carried out nationwide to enable the country to determine the actual population of its major domestic animal species. This training is therefore very succinct currently”.

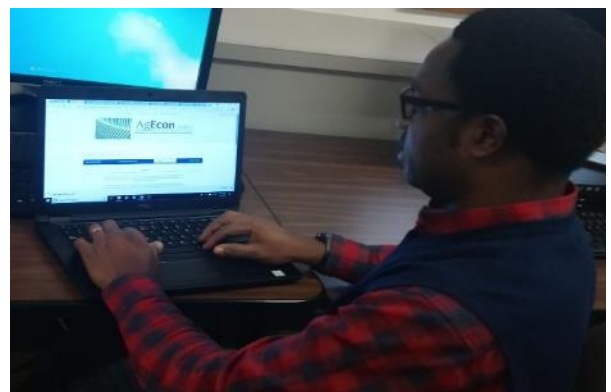
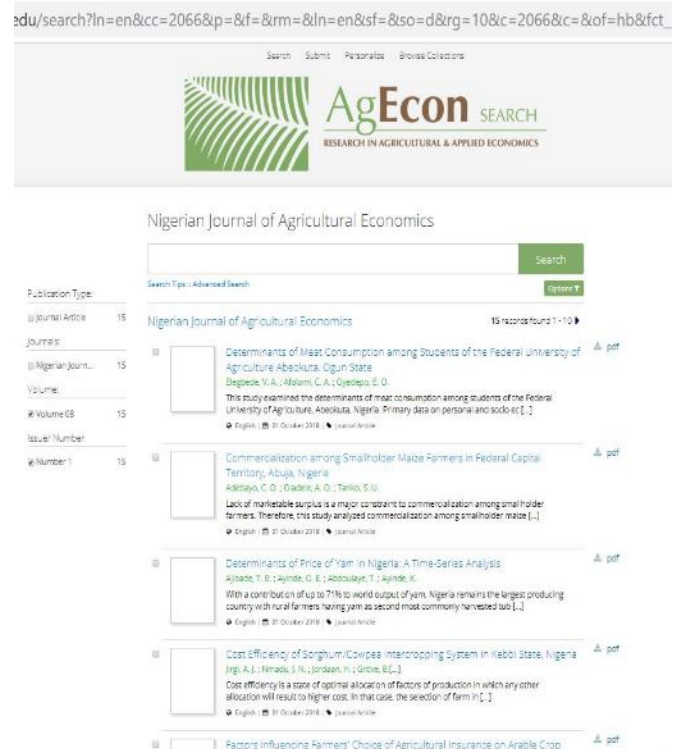


## 10) Policy Project supports independent promotion of the Nigerian Journal of Agricultural Economics

Nigerian Association of Agricultural Economics (NAAE) 2018 journal uploaded to AgEconSearch! AgEconSearch is a non-profit subject repository (co-sponsored by University of Minnesota, USA) that indexes, and electronically distributes full text copies of scholarly research on agriculture and economic development. The Policy project and the NAAE have succeeded in this task following the project's support for the organization of the 2018 annual conference in October. This builds on the project's 2017 support. Dr. Saweda Liverpool-Tasie and project scholar Mr. Wellington Osawe (on behalf of the policy project) submitted all existing digital versions of the association's flagship journal to for hosting on AgEconSearch.

In 2018, Mr. Osawe worked with the journal's editorial board to get the 2018 publication online. He trained 2 members of the association (selected by the association leadership) on processes that guide effective article submission by AgEconSearch to ensure that the association will independently be able to upload future editions of the journal. One of which is ensuring that submitted articles are formatted according to the AgEconSearch website guidelines. This eases online accessibility of the articles. Getting the Nigerian Journal of Agricultural Economics online will significantly increase global awareness about research conducted in Nigeria.

The instrumental role of Mr. Osawe demonstrates how the project's scholars program is not only supporting domestic research but building capacity of Nigerians to independently disseminate it, as well.



## 11) Feed the Future Nigeria Agricultural Policy Project strengthens Demand for Evidence Based Policies in Ebonyi State

On Monday, **December 10, 2018**, the Feed the Future Nigeria Agricultural Policy Project interacted with Policy Personnel of the Ministry of Agriculture and Natural Resources, the Ministry of Women Affairs, and the Ministry of Health- three agricultural related ministries of the Ebonyi State Government. The primary objective of the interaction was to introduce Mr. Charles Olumba (PhD Candidate at Ebonyi State University (EBSU) and incoming Policy Project Scholar at Michigan State University) and his academic advisor, Professor Alimba to the ministries in line with their upcoming activities under the Policy Project. During the interactions, the Ministries articulated areas of desired policy support relating to agriculture, nutrition and gender (women and children). As one of the 3 incoming scholars coming to MSU in January 2019, Mr. Olumba will leverage on opportunities and facilities at MSU to realistically support the policy needs of the three Ministries in Ebonyi state in line with the Project Objectives. Mr. Olumba, Prof. Alimba, Dr. Okereke, Mr. Okpani and Mr. Mbah were acknowledged and identified as EBSU primary contact persons to maintain links with the three Ministries, for continuity and sustainability in Ebonyi State.



*Mrs. Catherine Ogbu, Permanent Secretary, Ministry of Women Affairs and Social Development & Directors of the Ministry with the Policy Project Team Members*



*Mrs. Juliet Okoro, Ag. Permanent Secretary, Ebonyi State Ministry of Agriculture and Natural Resources, Mr. Ogbuagu, Head of Department of Planning Research and Statistics with Policy Project Team Members*



This interaction demonstrates how the Policy Project's scholars program promotes interaction between academia and policy makers to ensure that the research needs of the ministries are incorporated into the capacity strengthening activities of the project scholars.

## 12) Training towards a stronger agricultural policy framework for Nigeria.

On **10-11 December 2018**, a training course on “Nigerian Agricultural Policies” was organized, which happens to be the first ever training course conducted by Feed the Future Nigeria Agricultural Policy Project. The training course, which was attended by 22 participants (13 male, 9 female), was delivered by Dr. George Mavrotas Agricultural Project



and Mr. Hyacinth Edeh and contributed to broadening participants' perspectives towards the various policies, programs and initiatives put in place by Nigeria's successive governments. The course placed particular emphasis on more recent policy initiatives in Nigeria such as the Agricultural Transformation Agenda, the Agriculture Promotion Policy, the Economic Recovery and Growth Plan and the CAADP process among others. The course is also expected to further strengthen participants' ability to implement policy frameworks for the country in the Nigerian agricultural sector.

According to one of the participants, Ms. Aisha Farouk, “The training has opened my mind a lot. Being from a Technical Department most of the things discussed I was hearing for the first time e.g. the process of policy formulation, CAADP [Comprehensive Africa Agriculture Development Programme], ERGP [Economic Recovery and Growth Plan] etc. It is clear to me now there is much more that I need to know on the FMARD and policies of the FG regarding agriculture. I’m looking forward to other opportunities to participate in future activities. “

### **13) Feed the Future Nigeria Agricultural Policy Project supports the generation of evidence to guide policy on Aquaculture and Fisheries in Niger State**

Between March and November 2018, the Policy Project’s Fishery and Aquaculture Study Team conducted research on the fish subsector of Niger State. The collaborative research team (comprised of four students and their professors from two institutions of higher learning in Niger State alongside faculty from Michigan State University) presented its preliminary research findings to the Niger State Government on **Monday, December 17, 2018**. The presentation (made by one of the student members) took place at the Niger State Government Secretariat, Minna. The Permanent Secretary, Niger State Ministry of Agriculture and Rural Development, (who stood in for the Honorable Commissioner of the Ministry) presided over the meeting. Others in attendance were Directors of the State Ministry, including the Director of Livestock and Fisheries. Non-government personnel at the presentation included youths (majorly young graduates participating in the Federal Government Program – N Power), fish farmers, processors, and marketers.

During discussions, the Permanent Secretary acknowledged the importance of research to guide government policy on aquaculture and fishery in Niger State. He announced that the Ministry will hold internal sessions to review the report and subsequently seek the support of the Agricultural Policy Project in formulating action points for government implementation.



*Director, Livestock Niger State Ministry of Agriculture & Rural Development making a comment*

**This demonstrates how USAID Nigeria through the Agricultural Policy Project is supporting the generation of evidence to guide the development of policy and programs on aquaculture and fisheries in Niger State.** The Research Team comprised of Professors. Job Nmadu, Ebiloma G., K.M. Baba, A. Jirgi, and H. Tsado and Mr. Matthias T. (Federal University of Technology Minna), Prof. E.O. Olorunsanya and Mr. Olatunji R. (Ibrahim Badamasi Babangida University Lapai) and Professors. Saweda Liverpool-Tasie and Tom Reardon (Michigan State University).



*Participants at the Niger State Presentation.*

Laying the foundation of collaborative research efforts between Nigerian and MSU faculty brings together complementary expertise. This powerful combination of researchers promises to provide key empirical information to Nigerian policy makers. Further, fruitful collaborations such as these have the potential to be long-term collaborations with the collaboration growing to address additional policy issues.



**14) The Nigeria Agricultural Policy Project’s aquaculture research team supports capacity strengthening of Nigerian scholars through collaborative research and mentoring**

Between March and December 2018, the Policy project’s aquaculture research team conducted research on the domestic fish subsector in Kebbi and Niger States of the Federal Republic of Nigeria. The research team included 10 Nigerian faculty and students from three institutions of higher learning in Niger and Kebbi states. It also had a private sector member and Professors from Michigan State University.

The research activity involved a series of training sessions followed by joint data collection, analysis and report writing. On **December 13 and December 17 2018**, the results from the team’s work were presented at the ministry of agriculture in Kebbi and Niger states respectively. Furthermore, data from the study has been utilized in the theses of two student members of the research team.

**This collaborative research and mentoring demonstrates USAID Nigeria through the Agricultural Policy Project supports capacity strengthening for evidence based policy recommendations in Kebbi and Niger States.**



*Commissioner, Kebbi State Ministry of Animal Health, Husbandry and Fisheries, Permanent Secretary, Animal Health, Husbandry and Fisheries, Permanent Secretary, Kebbi State Ministry of Agriculture & Natural Resources, Directors and the Policy Project Research Team*

## 15) Feed the Future Nigeria Agricultural Policy Project strengthens Demand for Evidence Based Policies in Benue State

On Wednesday, **December 13, 2018**, the Feed the Future Nigeria Agricultural Policy Project interacted with Policy Personnel of the Ministry of Agriculture and Natural Resources, the Ministry of Women Affairs, the Ministry of Health and Ministry of Education, Science & Technology – four agricultural related ministries of the Benue State Government. The primary objective of the interaction was to introduce Mrs. Hephzibah Obekpa (PhD Candidate at University of Agriculture, Makurdi (UAM) and incoming Policy Project Scholar at Michigan State University) and her academic advisor, Professor Godwin Abu to the ministries in line with their upcoming activities under the Policy Project. During the interactions, the Ministries articulated areas of desired policy support relating to agriculture, nutrition, awareness and gender (women and children). As one of the 3 incoming scholars coming to MSU in January 2019, Mrs. Hephzibah Obekpa will leverage on opportunities and facilities at MSU to realistically support the policy needs of the four Ministries in Benue state in line with the Project Objectives. Mrs. Obeka, Prof. Godwin Abu, Prof. Ali, Mrs. Blessing Agada (PhD candidate at UAM and Project Scholar 2018) and Mr. Philip Hegerty (Masters Candidate and Project Scholar 2018) were acknowledged and identified as UAM primary contact persons to maintain links with the four Ministries, for continuity and sustainability in Benue State.



From right on the first row, Mr Izobo, Lucky (Director Planning Research and Statistics), Prof. Godwin Aleichenu Abu, Mrs Helen Atom (Permanent Secretary, Ministry of Agriculture and natural Resources - MANR), My Hycinth Nyakuma (Commissioner, MANR) and Mrs Hephzibah Onyeje Obekpa (NAPP Scholar). On the second row are the directors in MANR.



From the right, Prof. Godwin Aleichenu Abu, Mrs Regina Ejale (Nutrition Officer, Benue State Ministry of Health) and Mrs Hephzibah Onyeje Obekpa (NAPP Scholar).



*From left, Prof. Godwin Aleichenu Abu, Mr Ameer Andrew A. (Permanent Secretary, Benue Ministry of Education, Science and Technology) and Mrs Hephzibah Onyeje Obekpa (NAPP Scholar)*



*From the right, Prof. Godwin Aleichenu Abu (Primary academic supervisor of NAPP Scholar), Mrs Esther Igwe (Director of Social Welfare) and Mrs Hephzibah Onyeje Obekpa (NAPP Scholar)*

This interaction demonstrates how the Policy Project's scholars program promotes interaction between academia and policy makers to ensure that the research needs of the ministries are incorporated into the capacity strengthening activities of the project scholars.



## 16) Feed the Future Nigeria Agricultural Policy Project bridges Supply Gap for Evidence to Influence the Policy Process on Aquaculture and Fisheries in Kebbi State

The Fishery and Aquaculture Study Team of the Feed the Future Nigeria Agricultural Policy Project presented its preliminary research findings to the Kebbi State Government on Thursday, **December 13, 2018** at the Kebbi State Government Secretariat, Birnin-Kebbi. The **Kebbi State Commissioner for Animal Health, Husbandry and Fisheries** chaired the presentation. Also in attendance were the Permanent Secretaries of the Kebbi State Ministry of Agriculture and Natural Resources, and the State Ministry of Animal Health, Husbandry and Fisheries. Representatives from Kebbi Agricultural and Rural Development Authority (KARDA) and Non-government personnel including fish farmers, processors, marketers and the youth were also present. During the discussions that followed the presentation, the Honourable Commissioner for Animal Health, Husbandry and Fisheries welcomed the preliminary study findings and the interactions thereafter as critical guides to the reforms. He noted that the Kebbi State Government had initiated reforms in the fisheries and aquaculture sector, which included budgetary provision of N300 million as soft loans to actors along the Fish Value Chain in the State.

**This bridging of the supply gap for evidence based research demonstrates how USAID Nigeria, through the Agricultural Policy Project is supporting the policy process on aquaculture and fisheries in Kebbi State.**



*The Director of Fisheries observed that the data from the study was important as prior to the study the state had no accurate/evidence-based information on several points including the number of fish farmers/fishers in the state. He also used the opportunity to put forward to the Commissioner the challenges of fishers and fish farming as outlined in the presentation.*

## 17) Feed the Future Nigeria Agricultural Policy Project strengthens Demand for Evidence Based Policies in Niger State

On Monday, December 17, 2018, the Feed the Future Nigeria Agricultural Policy Project interacted with Policy Personnel of the Ministry of Agriculture and Rural Development, the Ministry of Education, the Ministry of Women Affairs, and the Ministry of Health



*Mrs. Balaraba Sule (PhD candidate & Project Scholar) being introduced to Hon. Haruna Dukku, Commissioner for Agriculture and Rural Development, Niger State*

– four agricultural related ministries of the Niger State Government. The primary objective of the interaction was to introduce Mrs. Balaraba Sule (PhD Candidate at Federal University of Technology Minna {FUT Minna}, Academic State at Ibrahim Badamosi Babangida University Lapai {IBB University} and incoming Policy Project Scholar at Michigan State University) and her academic advisor, Dr. Ayodeji Coker of FUT Minna to the ministries in line with their upcoming activities under the Policy Project. During the interactions, the Ministries articulated areas of desired policy support relating to agriculture, nutrition, awareness and gender (women and children). As one of the 3 incoming scholars coming to MSU in January 2019, Mrs. Balaraba Sule will leverage on opportunities and facilities at MSU to realistically support the policy needs of the four Ministries in Niger state in line with the Project Objectives. Mrs. Balaraba and Dr. Ayodeji Coker were identified and acknowledged as primary contact persons to maintain links with the four Ministries, for continuity and sustainability in Niger State.



*Hon. Haruna Dukku (Commissioner, Niger State Ministry of Agriculture & Rural Development), Permanent Secretary, Niger State Ministry of Agriculture & Rural Development, Mrs. Balarabe Sule (PhD Candidate & Project Scholar), Dr. Ayo Coker (FUT Minna, Academic Adviser of Project Scholar)*

## ANNEX G: POLICY COMMUNICATIONS TRAINING FOR MEDIA

	FCT	Niger State	Kebbi State
S/N			
1	AIT	This Day Newspaper	Kebbi TV
2	Authority Newspapers	Nigerian Pilot	The Nation
3	Guardian newspapers	The Nation Newspaper	Blue Print Newspaper
4	Zuma FM	Daily Independent Newspaper	Daily Trust Hausa
5	Vanguard	Vanguard Newspaper	Radio Nigeria
6	Sun Newspaper	Daily Trust Newspaper	Equity FM
7	Business Day	The Sun Newspaper	Kebbi State Radio
8	Tribune Newspaper	Daily Times Newspaper	Vanguard Newspaper
9	Voice of Nigeria	The Guardian Newspaper	Africa Independent Television
10	Leadership Newspaper	News Agency of Nigeria	Sun Newspaper
11	Punch Newspaper	Radio Nigeria	
12	Daily Trust	Ultimate FM	
13	Vision FM	Search FM	