

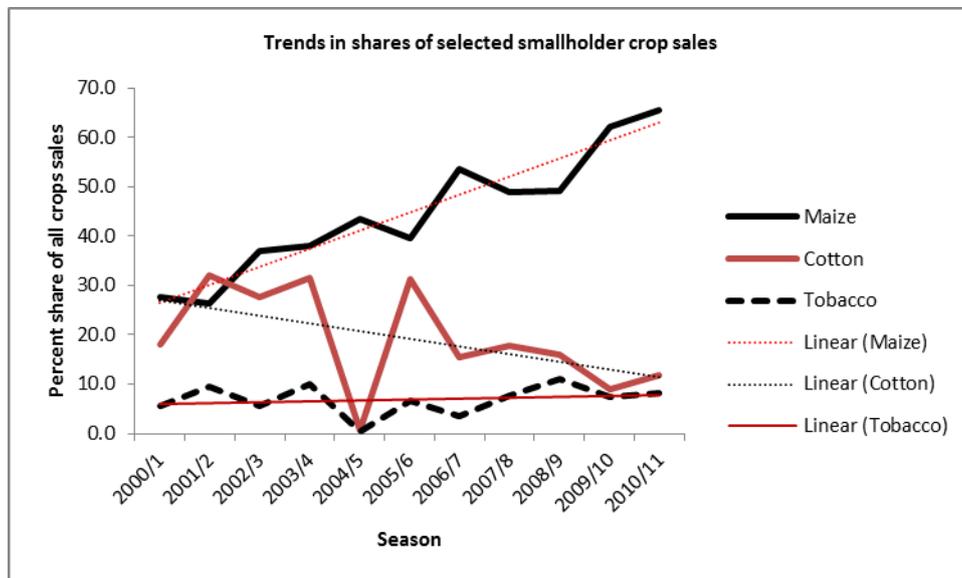
**FOOD SECURITY RESEARCH PROJECT III- ZAMBIA**

**Annual Report, 2010/2011  
(October 2010 to September 2011)**

**A Collaborative Research, Capacity Building, and Policy Outreach Project**

*between*

**The Ministry of Agriculture and Livestock (MAL)  
The Agricultural Consultative Forum (ACF)  
The Central Statistical Office (CSO) / Ministry of Finance  
Michigan State University's Department of Agricultural Economics (MSU)  
United States Agency for International Development/Zambia (USAID)  
Swedish International Development Agency (SIDA)**



**Food Security Research Project Web Site**  
<http://www.aec.msu.edu/fs2/zambia/index.htm>

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## Acronyms

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ACF	Agricultural Consultative Forum
AMIC	Agricultural market Information Centre
CAADP	Comprehensive African Agriculture Development Programme
CFS	Crop Forecast Survey
CGF	Competitive Grant Fund
CIP	Country Investment Plan
CSO	Central Statistical Office
EGAT/AFS	Economic Growth, Agriculture and Trade, Office of Agriculture and Food Security
FISP	Farmer Input Support Programme
FRA	Food Reserve Agency
FSRP	Food Security Research Project
FTF	Feed the Future Initiative
GART	Golden Valley Agricultural Research Trust
GMOs	Genetically Modified Organisms
IAPRI	Indaba Agricultural Policy Research Institute
INESOR	Institute for Social and Economic Research
MAFND	Ministry of Finance and National Development
MAL	Ministry of Agriculture and Livestock
MCTI	Ministry of Commerce, Trade, and Industry
MoU	Memorandum of Understanding
MSU	Michigan State University
NGOs	Non-Governmental Organisations
PHS	Post-Harvest Survey
PPP	Private-Public-Partnership
SAG	Sector Advisory Group
SIDA	Swedish International Development Agency
SNDP	Sixth National Development Plan
SPSS	Statistical Package for Social Scientists
UNZA	University of Zambia
USAID	United States Agency for International Development
USG	United States Government
ZMD	Zambia Meteorological Department

# 1. Project Overview

## 1.1 Background

Michigan State University/Food Security Research Project (MSU/FSRP), with assistance from USAID/Zambia and Embassy of Sweden through SIDA/Zambia, supports the development of a new robust, autonomous and sustainable agricultural research and outreach institution as well as build capacity for agricultural policy analysis more broadly in Zambia. Its activities and scope of work are undertaken within a collaborative framework involving the Agricultural Consultative Forum (ACF), the Ministry of Agriculture and Livestock (MAL), the Central Statistical Office (CSO), and other key Zambian agricultural sector stakeholders. Starting October 2010 to September 30, 2015 Michigan State University (MSU), under the FS III Cooperative Agreement, will transform FSRP into a local institute as well as provide technical assistance to various research, outreach and capacity building programs for enhancing agricultural policy analysis in Zambia. In addition, MSU will help the new institute to run a competitive grants program to nurture local capacity and local dissemination of knowledge to mainstream audiences through commissioning and mentoring local groups to undertake policy analysis and outreach.

Upon the registration and establishment of Indaba Agricultural Policy Research Institute (IAPRI), designated operating assets and staffing resources of FSRP will be transferred to IAPRI under terms and conditions that will be described in an agreement between Michigan State University, Department of Agricultural, Food and Resources Economics (MSU AFRE) and the Guarantors of IAPRI. To avoid confusion, the use of the name 'FSRP' will be phased out and use of MSU/IAPRI will be used under the USAID/ Zambia Cooperative Agreement FSRPIII.

IAPRI will continue to be supported by MSU for at least the period until the end of the current FSRP Associate Award on September 30, 2015, in order for IAPRI to honour and fulfill the subsisting obligations of the MSU/IAPRI in the Associate Award. These terms and conditions will be specified in a sub-agreement.

## 1.2 Programme and Strategic Goals

The MSU/FSRPs main goal is to support the development of a new robust, autonomous and sustainable institution and build capacity for agricultural policy analysis more broadly in Zambia, so as to integrate research findings into national, regional, and international policy formulation and program design to promote sustainable agricultural growth as a means to cut hunger and poverty in Zambia. The programme is being guided by five strategic goals as follows:

1. Transform the FSRP into an indigenous agricultural policy research and outreach institute;
2. Supporting the CAADP process, including helping MAL develop the CAADP Investment Plan;
3. Supporting Zambia FTF multiyear policy reform strategy through policy analysis and outreach
4. Building the analytical capacity of MAL, Central Statistical Office and University of Zambia (UNZA) through effective collaboration and competitive Grants Fund (CGF)

5. To enhance the agricultural information database in Zambia to contribute to the achievements of objectives under the above four goals.

Appendices 2 and 3 show a schematic presentation of the program operational areas, and a summary of the results framework with performance indicators defined by disaggregation, information source, and data collection sources/methods respectively.

## **1.2 Cooperating Institutions**

Ministry of Agriculture and Livestock (MAL)  
Ministry of Finance and National Development (MFND)  
Ministry of Commerce, Trade, and Industry (MCTI)  
Agricultural Consultative Forum (ACF)  
Central Statistical Office (CSO)  
Golden Valley Agricultural Research Trust (GART)  
University of Zambia (UNZA)  
Institute for Social and Economic Research (INESOR)  
Food Reserve Agency (FRA)  
Department of Agricultural Economics, Michigan State University (MSU)  
Zambia Meteorological Department (ZMD)  
Swedish International Development Agency (SIDA)  
United States Agency for International Development, Zambia Mission (USAID/Zambia)  
Economic Growth, Agriculture and Trade, Office of Agriculture and Food Security (EGAT/AFS)

## **2. FSRP Achievements October 2010 to September 2011.**

### **2.1 Transforming the FSRP into an Indigenous Institute**

The FSRP has been in recent years a leading institution for empirical agricultural research in Zambia. Although much of this work has been undertaken in conjunction with MAL and CSO, the FSRP structure did not provide an obvious exit strategy whereby the research and outreach work that it conducts could be sustainably taken over by a local Zambian institute. Thus a successful incorporation of FSRP III into a Zambian institution would integrate the research and outreach efforts of the project into a Zambian agricultural policy research and outreach institution that could be developed into a fully independent Zambian Agricultural Policy Research Institute.

#### **2.1.1 Registration of Indaba Agricultural Policy Research Institute (IAPRI)**

- Since the beginning of the fiscal year (FY2010/11), FSRP has devoted considerable time to management and administrative work connected with the setting up and registration of the IAPRI. We are pleased to report that IAPRI was successfully registered on 5<sup>th</sup> October 2011 and efforts are under way to come up with the draft strategic plan for the Institute before the first Board meeting. Two Zambian junior researchers have been added to the IAPRI's team and efforts are under way to identify and hire IAPRI's Research Coordinator and PhD Research Fellows. Due to limited resources in FY2011/12, hiring of the Research Coordinator may be

delayed until early 2013. Appendix 1, presents the proposed organogram for IAPRI. A number of the proposed post will be filled as more funds become available, with the target of hiring at least one person per year until all posts are filled. The official launch of IAPRI is planned in early FY2011/12

- In order to enable IAPRI to start raising additional funds to support the hiring of additional staff and programs/activities not supported under the FTF multiyear strategy, MSU is working closely with IAPRI's management to develop a strategic plan, set up operational rules and an accounting system. Completion of the strategic plan process that began in FY2010/11 will complement this effort.
- Mentoring of local staff by MSU in research and outreach activities to inform Zambian agricultural policy makers and support to improved policy and investment decisions in the agricultural sector has continued.
- A website for IAPRI is being developed and will be functional in FY2011/12.

### 2.1.2 Staff Changes in support of IAPRI

- Professor Thom Jayne moved to Zambia in the first week of January 2011 to work with the project as the Project Advisor as well as Capacity Building Director and Acting Grants Fund Manager.
- Arthur Shipekesa and Mary Lubungu joined the team as associates. Both are Zambians with Masters Degrees in Agricultural Economics. They are part of FSRP effort to strengthen local research capacity as IAPRI take shape.
- Dr. Nicole Mason moved to Zambia in late August 2011 to assist with: a) Capacity building of the new institute through working with IAPRI research junior staff members to build their analytical capacity to carry out the long-term analytical requirements of the new Zambian institute; b) Capacity building to MS-level agricultural economists at UNZA to increase the supply of local policy analysts; c) To assist IAPRI implement the FTF Baseline survey and to provide FTF analytical support to USAID.
- During the year under review, MSU/FSRP reorganized its' staff into responsibility centers to accommodate additional responsibilities under IAPRI. There are plans to add more staff to IAPRI as outlined in the Appendix 1. Realigned staff roles are summarized below:
  - a) Solomon Tembo is now the IAPRI Data Collection and Management Coordinator. He will be responsible for:
    - IAPRI databases, data collection and archiving
    - Manage price data system for IAPRI with the goal of transferring the whole unit to MACO at some stage
  - b) Stephen Kabwe will be the acting Outreach Coordinator. His responsibilities include:
    - Leading the effort to develop IAPRI outreach plan

- Organize regular outreach events
  - Assist Acting Research Coordinator with managing the quarterly outputs as outlined on the workplan
- c) Munguzwe Hichaambwa will coordinate all reporting issues as the Reporting Coordinator
- d) Nick Sitko and Auckland Kuteya were appointed to be the co-Priority Topics Coordinators. They are responsible for coordinating special topics research such as the Zambia CAADP Investment Plan, FTF, and SNDP. In addition, they will attend to *ad hoc* external researchers, consultants, etc. seeking information from FSRP.
- e) Bill Burke and Nicky Mason will be the Capacity Building coordinators. In collaboration with the Capacity Building Director and Grants Fund Manager, they will assist to develop the FSRP capacity building portfolio for MACO, MLF, UNZA and other relevant stakeholders. Also help with the overall management of the CGF Programme.

## 2.2 Policies/Regulations/Administrative Procedures in Different Stages of Development

- MSUMSU/IAPRI has continued interacting with various stakeholders with regard to:
  1. Review and enactment of Agricultural Marketing Act
  2. Operationalization of the recently passed Agricultural Credit Act
  3. Developing further, the Farmer Input Support Programme (FISP) reforms
  4. Reviewing the agricultural budget allocation
  5. Review of land access and administration
  6. Strengthening the private-public partnership (PPP) marketing institution
  7. Enacting of the new Cotton Act – although cotton is not a key value chain under FTF, MSU/IAPRI will continue to engage stakeholders in order to push for the enactment of this Act.
- Through an advisory note to the MAL to guide the new government agriculture policies, FSRP has highlighted the need for government to review the policy of shying away from issues regarding biotechnology, genetically modified organisms (GMOs) and other modern productivity technologies for some food and non-food crops. Since more and more countries are adopting the technology, Zambian farmers may become uncompetitive, especially in cotton and soybeans. Ideally, MAL should champion the discussions in this area for the betterment of the agriculture sector not just the Ministry of Science and Technology.
- Recently, working with ACF and MAL, IAPRI managed to organize the consultative workshop to operationalize the Agricultural Credit Act and the warehouse receipt systems and the eventual development of an advisory note for MAL on the subject. In addition, the project/IAPRI also managed, working with ACF and MAL, to organize a technical committee meeting to review issues affecting the agricultural marketing and the eventual development of an advisory note for MAL.

### 2.3 Trade, Investment and Related Diagnostics Conducted

The overall research perspective of FSRP III views food security broadly in a structural transformation context that takes into account the role of trade, non-farm income generation, and implications for poverty alleviation, food security, and sustainable natural resource use. Major research themes included the following:

1. *Improving food and fiber systems performance* whose sub-themes include strengthening agricultural productivity, and improving input and output market performance, agro-processing, and regional trade. This view recognizes the importance of analyzing “clusters” (i.e., a sub-sector, system-wide analytical approach). The value chains (maize, horticulture, fertilizer etc.) work that the project has been undertaking falls under this category;
2. *Understanding household income/livelihood dynamics*, whose topics include the level and distribution of rural assets, collective actions for financing social and infrastructure investments, reaching the poorest and most vulnerable segments of society, and gender-differentiated impacts of alternative policies, programs, and public investment strategies; and
3. *Understanding food security/natural resource management interactions*, which includes topics such as the use of conservation farming to respond to environmental risks, and agroforestry or soil management options for sustainable production will work towards a greener and safer food security.

All research and policy dialogue done within these topic areas are designed to support existing USAID and SIDA bilateral programs and initiatives within Zambia. During the year under review, MSU/IAPRI successfully conducted a total of 28 trade, investments environment and related diagnostic analyses compared to 19 in the previous year. These analyses are itemized below:

1. [Statistical Report on Categorization of Rural Cropping Households in Zambia](#). A. Kuteya, S. Kabwe, M. Beaver, A. Chapoto, B. Burke, N. Mason and M. Weber. FSRP Working Paper No. 51. March 2011.
2. [The Cost of Maize Production by Smallholder Farmers in Zambia](#). William J. Burke, Munguzwe Hichaambwa, Dingiswayo Banda, and T. S. Jayne. Working Paper No. 50. March 2011. (CDIE reference number pending)
3. [Who Gained and Who Lost from Zambia's 2010 Maize Marketing Policies?](#) Chewe Nkonde, Nicole M. Mason, Nicholas J. Sitko, and T. S. Jayne. Working Paper No. 49. January 2011. (CDIE reference number pending)
4. [Zambian Farmers' Access to Maize Markets](#). Antony Chapoto and T.S. Jayne. FSRP Working Paper No. 57. September 2011.
5. [Dynamic Pathways into and out of Poverty: A Case of Small Holder Farmers in Zambia](#). Diana J. Banda, Priscilla Hamukwala, Steven Haggblade, and Antony Chapoto. FSRP Working Paper No. 56. August 2011. (CDIE reference number pending)
6. [Factors Affecting Poverty Dynamics in Rural Zambia](#). Antony Chapoto, Diana Banda, Steven Haggblade, and Priscilla Hamukwala. FSRP Working Paper No. 55. July 2011. (CDIE reference number pending)
7. [The Contribution of Non-Timber Forest Products to Rural Household Income in Zambia](#). Brian P. Mulenga, Robert B. Richardson, Lawrence Mapemba, and Gelson Tembo. FSRP Working Paper No. 54. June 2011. (CDIE reference number pending)

8. [Constraints to the Development of Commodity Exchanges in Africa: A Case Study of Zamace](#). Nicholas J. Sitko and T.S. Jayne. FSRP Working Paper No. 53. June 2011. (CDIE reference number pending)
9. [Technical Compendium: Descriptive Agricultural Statistics and Analysis for Zambia in Support of the USAID Mission's Feed the Future Strategic Review](#). Nicholas J. Sitko, Antony Chapoto, Steven Kabwe, Solomon Tembo, Munguzwe Hichaambwa, Rebecca Lubinda, Harrison Chiwawa, Mebelo Mataa, Simon Heck, and Dorothy Nthani. FSRP Working Paper No. 52. April 2011. (CDIE reference number pending)
10. [Contribution of Non-Timber Forest Products to Rural Household Income in Zambia](#). Brian P. Mulenga, Robert B. Richardson, Lawrence Mapemba, and Gelson Tembo. No. 46, September 2011.
11. [Why Are Zambian Farmers Not Harvesting All Their Maize?](#) Arthur M. Shipekesa and T.S. Jayne. No. 45, July 2011. (CDIE reference number pending)
12. [Revitalizing Zambia's Agricultural Marketing Information Centre \(Amic\)](#). Daria Gage. No. 44, July, 2011. (CDIE reference number pending)
13. Kadiyala, Suneetha and Antony Chapoto. "[The AIDS Epidemic, Nutrition, Food Security and Livelihoods: Review of Evidence in Africa](#)." In David E. Sahn (editor), *The Socioeconomic Dimensions of HIV/AIDS in Africa: Challenges, Opportunities and Misconception*. New York: Cornell University, 2011.
14. Chapoto, Antony, Thomas Jayne, and Nicole Mason. 2011. [Widows' Land Security in the Era of HIV/AIDS: Panel Survey Evidence from Zambia](#), *Economic Development and Cultural Change*, 59(3): 511-547.
15. N. Mason, T. S. Jayne, A. Chapoto, and C. Donovan. [Putting the 2007/08 global food crisis in longer-term perspective: Trends in staple food affordability in urban Zambia and Kenya](#). *Food Policy* 36 (3): 350–367. June 2011.
16. Abbink, K., T.S. Jayne, and L. Moller. 2011. [The Relevance of a Rules-Based Maize Marketing Policy: An Experimental Case Study of Zambia](#). *Journal of Development Studies*, 47(2): 207-230.
17. [A Test of the New Variant Famine Hypothesis: Panel Survey Evidence from Zambia](#). Mason, N., T.S. Jayne, A. Chapoto, and R. Myers. 2010. *World Development*, 38(3): 356-368
18. [Principal Challenges Confronting Smallholder Agriculture in Sub-Saharan Africa](#). Jayne, T.S., D. Mather, and E. Mghenyi. 2010. *World Development*, 38(10): 1384-1398
19. Abbink, K., T.S. Jayne, and L. Moller. 2011. [The Relevance of a Rules-Based Maize Marketing Policy: An Experimental Case Study of Zambia](#). *Journal of Development Studies*, 47(2): 207-230.
20. Govereh, J., A. Chapoto, and T.S. Jayne. 2010. Assessment of alternative maize trade and market policy interventions in Zambia. In A. Sarris and J. Morrison (eds), *Food Security in Africa: Markets and Trade Policy for Staple Foods in Eastern and Southern Africa*, Cheltenham, UK, Edward Elgar Publishers.
21. Jayne, T.S., D. Mather, and E. Mghenyi. 2010. "[Principal Challenges Confronting Smallholder Agriculture in Sub-Saharan Africa](#)". *World Development*, 38(10): 1384-1398
22. Mason, N. M., T. S. Jayne, A. Chapoto, and R. Myers. 2010. [A Test of the New Variant Famine Hypothesis: Panel Survey Evidence from Zambia](#). *World Development*, 38(3): 356-368.
23. Smale, M. and T.S. Jayne. 2010. Breeding an "Amazing" Crop: Improved maize in Kenya, Malawi, Zambia, and Zimbabwe. Chapter 4 in in Spielman, D., and R. Pandya-Lorch (Eds) *Millions Fed: Proven Successes in Agricultural Development*. International Food Policy Research Institute, Washington, DC.
24. Tembo, G., A. Chapoto, T.S. Jayne, M. Weber. 2010. Fostering Food Market Development in Zambia. *Zambia Social Science Journal*, Volume 1(1): 39-60

25. Tschirley, David L., Colin Poulton, Nicholas Gergely, Patrick Labaste, John Baffes, Duncan Boughton and Gérald Estur (2010). [Institutional Diversity and Performance in African Cotton Sectors](#). *Development Policy Review*, 2010, 28 (3): 295-323
26. Tschirley, David L., Hichaambwa, Munguzwe, Mwiinga, Mukwiti. 2010. Comparative assessment of the marketing structure and price behavior of three staple vegetables in Lusaka, Zambia. In Weibel and Mithoefer, Eds, "*Understanding the Silent Revolution: New Socio-Economic Research on Horticultural Production and Marketing in Africa*". CABI.
27. Tschirley, David L., T.S. Jayne. 2010. [Exploring the Logic Behind Southern Africa's Food Crises](#). *World Development* Vol. 38, No. 1, pp. 76–87.
28. Nicole Mason PhD dissertation essays and a detailed appendix on the Food Reserve Agency and government fertilizer subsidy programs in Zambia:
  - Smallholder behavioural responses to marketing board activities in a dual channel marketing system: the case of maize in Zambia (also examines the impacts of GRZ fertilizer subsidies on smallholder behaviour)
  - The effects of the Food Reserve Agency on maize market prices in Zambia: are there threshold nonlinearities?
  - Rewarding loyalty: election outcomes and government-subsidized fertilizer allocation in Zambia
  - Fertilizer subsidies and smallholder fertilizer purchases: crowding out, leakage, and policy implications for Zambia

#### **2.4 Trade, Investment and Related Diagnostics Consultations/Dialogue Held**

As part of the MSU/IAPRI policy research and outreach mandate dialogue and consultations with stakeholders are an important integral component of the program. To be effective relevant stakeholders need to be engaged and results from research shared. During the period under review, a total of 25 outreach events were held with a total of 34 held the previous year. These are itemized below:

1. [Categorization of Rural Cropping Households in Zambia](#). A. Kuteya, M. Weber, S. Kabwe, M. Beaver, A. Chapoto, B. Burke, and N. Mason. A presentation to the Catholic Relief Services workshop on Agriculture and Nutrition Growth Strategy held on 17<sup>th</sup> March 2011 at the Intercontinental Hotel in Lusaka.
2. [Categorization of Rural Cropping Households in Zambia](#). A. Kuteya, M. Weber, S. Kabwe, M. Beaver, A. Chapoto, B. Burke, and N. Mason. A presentation made at Agricultural Consultative Forum to Stakeholders. 16 March 2011.
3. [Lessons from Zambia's 2010 Maize Marketing Experience](#). C. Nkonde, N. Mason, N. Sitko, B. Burke, D. Banda, and T.S. Jayne. Invited presentation by T. Jayne at the Economics Association of Zambia meeting, Taj Pamodzi Hotel, Lusaka, 4 March 2011.
4. [Widows' land security in the era of HIV/AIDS: Panel survey evidence from Zambia](#). Antony Chapoto, T. S. Jayne, & Nicole M. Mason. *African Livelihoods Conference*, Department of Anthropology, University of Rochester. 25 February 2011.
5. [Options for Investments in Fresh Produce Wholesale Markets](#). Munguzwe Hichaambwa. Presented at the *Dialogue Process around Agricultural Water Management solutions National Level Stakeholders Consultation Meeting*. Zambezi Source Lodge, Kabwe. 17 -18 February 2011.
6. [Fresh Produce Wholesale Markets and Options for Investments](#). Munguzwe Hichaambwa. Presented at the *Dialogue Process around Agricultural Water Management solutions National*

- Level Stakeholders Consultation Meeting.* Agricultural Consultative Forum, Lusaka. 15 -16 February 2011.
7. [Rural Zambia Smallholders' Cost of Maize Production.](#) FSRP/ACF and MACO/Policy and Planning Dept. Invited presentation to the Ministry of Finance and National Planning. 17 February, 2011
  8. [Lessons from Zambia's 2010 Maize Marketing Experience.](#) C. Nkonde, N. Mason, N. Sitko, B. Burke, M. Hichaambwa, and T.S. Jayne. Presentation at Cooperating Partners Meeting, Lusaka. 9 February 2011.
  9. [The Cost of Producing Maize for Smallholders in Rural Zambia.](#) FSRP/ACF and MACO/Policy and Planning Dept. Presentation at Belvedere Lodge, Lusaka 2 February, 2011.
  10. [Key Findings of Zambia AgCLIR Study.](#) Nicholas Sitko. Presented to the USAID Mission, Zambia. January 20, 2011.
  11. [Status of Lusaka Fresh Produce Wholesale Markets and Options for Investments.](#) Munguzwe Hichaambwa. Presented at the meeting of the *AfDB Co-financing of SAPP for Urban Agricultural Wholesale Markets.* Lusaka. 7 January 2011.
  12. *Smallholder Involvement in Horticulture.* Video Conference. 2<sup>nd</sup> November 2010. World Bank Offices, Lusaka
    - [Program](#)
    - [National Position Paper.](#) Dr. Mebelo Mataa and Mr. Munguzwe Hichaambwa
    - [National Presentation.](#) Dr. Mebelo Mataa and Mr. Munguzwe Hichaambwa
    - [Conference Report.](#) Mr. Phillip Siamuyoba and Mr. Chance Kabaghe
  12. *Environmental Sustainability in High Value Agriculture in Eastern and Southern Africa.* Video Conference. 13th October 2010. World Bank Offices Lusaka, Zambia.
    - [Program](#)
    - [National Position Paper.](#) Munguzwe Hichaambwa
    - [National Presentation.](#) Munguzwe Hichaambwa
    - [Conference report.](#) Munguzwe Hichaambwa and Chance Kabaghe
  13. [Productivity Impact of Conservation Farming on Asset Poor Households.](#) Steven Haggblade and Stephen Kabwe. *Competitive Africa Cotton Initiative Workshop,* Lusaka October 18-20, 2010
  14. [What is in the 2011 National Budget for Zambian Agriculture?](#) Antony Chapoto. *ACF/FSRP Budget Breakfast Meeting.* Pamodzi Hotel, Lusaka October 19, 2010.
  15. [Agricultural Productivity in Zambia: Has there been any Progress?](#) Antony Chapoto. Presented to the *Zambia National Farmers Union Congress.* Mulungushi Conference Centre, Lusaka. 6 October, 2010.
  16. Stakeholders' Consultative Meeting on the Agricultural Credit Act. ACF/FSRP and MACO. Lake Safari, Siavonga. 7-8 July, 2011
    - [Agenda](#)
    - [Proceedings](#)
    - [Overview of Agriculture Credit Act.](#) Hargreaves Sikwibele. Ministry of Agriculture and Cooperatives.
    - [Warehouse Receipt System.](#) Ian Goggin. USAID/COMPETE Program.
    - [Legal Implication of the Agricultural Credit Act.](#) Martin Musaluke. Messrs. M Musaluke & Co.
    - [ZAMACE – Facilitation of Development of Commodity Exchange.](#) Brian Tembo, ZAMACE.
    - [Underappreciated Constraints to Development of Commodity Exchange.](#) Nicholas Sitko and T.S. Jayne. MSU/FSRP.
    - [Warehouse Receipt System from the Bankers' Perspective.](#) Andrew K Bwalya. Director - Agribusiness - Standard Chartered Bank.

Experience from Commodity Exchange – SAFEX. Chris Sturgess, General Manager: SAFEX Commodity Derivatives Johannesburg Stock Exchange.

[AFGRI –Local Experience in Grain Storage](#). Twambo Muchimba. AFGRI

[GSS – Grain Business in Zambia](#). Jacob Mwale. GSS.

[ZNFU – Farmer’s experience](#). Mainza S. Chibomba. ZNFU

[FRA – Experience and Future Approach](#). Joseph Mulambu. FRA

17. [Zambia’s Maize Policy Challenges: Issues and Options for CAADP](#). T.S. Jayne, William Burke, Arthur Shipekesa, Antony Chapoto, Nicole Mason. Meeting of Agricultural Cooperating Partners in Zambia FAO/Lusaka, 23 August 2011.
18. [Zambia's Maize Policy Challenges: Issues and Options for CAADP](#). T.S. Jayne, William Burke, Arthur Shipekesa, Antony Chapoto, Nicole Mason. Presentation at the ACF-FSRP-MACO Conference on Managing Maize Bumper Harvests and Food Policy Challenges, Sandy's Creation Lodge, Lusaka, 16 August 2011.
19. [Managing Food Price Volatility: Discussant Remarks on Peter Timmer Presentation](#). T.S. Jayne. Presentation at Stanford University, Center for Food Security and the Environment. May 26, 2011.
20. [Leveraging Improvements in African Cereal Markets](#). Nicholas J. Sitko. Presented to the Agro-Enterprise Learning Alliance, 2 June 2011. Taj Pamodzi Hotel, Lusaka, Zambia.
21. [Regulatory Framework, Organization and Performance of Cotton Sub-Sector for Zambia](#). Stephen Kabwe. Presented at COMESA/COMPACI Regional Cotton Sector Policy Seminar on Regulatory Frameworks: Leveling the Playing Field, 4-5 May 2011, Lusaka, Zambia.
22. [Overview of Regulatory Challenges in Cotton Sectors of East and Southern Africa](#). David Tschirley. Drawing on work with Colin Poulton, Christina Plerhoples, and Stephen Kabwe. Presented at COMESA/COMPACI Regional Cotton Sector Policy Seminar on Regulatory Frameworks: Leveling the Playing Field, 4-5 May 2011, Lusaka, Zambia.
23. Productivity Impact of Conservation Farming on Smallholder Cotton farmers in Zambia. Stephen Kabwe and Steven Haggblade. Presentation at the FAO/FANRPAN regional Conservation Agriculture Symposium, Johannesburg, 8-10 February 2011.
24. Productivity Impact of Conservation farming on Asset-Poor Households. Steven Haggblade. Presentation at the Zambian Conservation Agriculture Association Meeting, Lusaka, September 1, 2010.
25. Stakeholder Meeting on Tax and Non-Tax Policy Proposals for the 2012 National Budget Held on 26 May 2011 at Golf View Hotel, Lusaka.

## **2.5 Engaging in organizational capacity building of MAL, CSO, UNZA and CGF**

IAPRI has signed Memorandum of Understandings (MoUs) with MAL and UNZA and started mentoring five CGF winners. The capacity building activities with each of these partners are outlined below:

### **2.5.1 Ministry of Agriculture and Livestock**

MSU/IAPRI during the period under review worked with MAL to finalize the MAL- IAPRI MoU. The purpose of this MoU is to guide the implementation of IAPRI activities in support of MAL’s analytical and programmatic functions as specified in the IAPRI Annual Work Plans. In particular, IAPRI shall provide the financing and/or technical/analytical assistance necessary to cover the following items:

Commitment/Capacity building program	Status/results in FY 2010/11
a. Provide technical support to MAL for managing its Agricultural Markets Information Centre (AMIC), including the part-time secondment of one IAPRI staff member to AMIC	<ul style="list-style-type: none"> <li>• On going</li> <li>• working on the details of having one IAPRI staff member based in AMIC – to be implemented FY 2011/12</li> </ul>
b. Technical and methodological support to MAL's Stocks Committee through IAPRI staff representation on the Committee	On going
c. Financial support for hosting the agricultural Sector Advisory Group (SAG) meeting scheduled for April 2011	Completed
d. The use of \$300,000 under a FSRP grants fund to be provided over the course of 2011 and 2012 for technical and analytical support to MAL's CAADP Country Investment Plan, CAADP implementation in Zambia, liaison with the CAADP Focal Point at MAL, and associated CAADP monitoring and evaluation tasks.	<ul style="list-style-type: none"> <li>• Several meetings held.</li> <li>• Sub-agreement almost finalized</li> <li>• IAPRI to host the CAADP Country Technical team at its office in FY2011/12</li> </ul>
e. Peer review of materials produced by the Zambia CAADP team when requested by MAL;	Not yet started
f. Technical support to MAL to sustainably and independently produce annual maize cost of production estimates from an appropriate CSO data set to be determined;	Trained one MACO staff to produce 2011 maize cost of production estimates. More training to be offered in FY 2011/12 and FY2012/13
g. Capacity building training of MAL staff for data checking, cleaning routines, and procedures for producing accurate crop production estimates from the Crop Forecast Surveys. IAPRI acknowledges the important role that CSO plays in all methodological issues concerning Government data collection activities;	<p>Conducted 3 training session for 2011 CFS Survey</p> <ol style="list-style-type: none"> <li>1. SPSS training I (2 Male and 2 female)</li> <li>2. SPSS training II (2 Male and 2 female)</li> <li>3. Data cleaning training (4 males)</li> </ol>
h. Technical support to MAL to assist in preparing analyses on any special topics by mutual agreement between MAL and IAPRI;	Prepared the white paper/advisory notes in September 2011 to guide MAL technical staff in briefing new policy makers from the PF government.
i. Holding of one capacity-building short course each year for at least 8 MAL/CSO analysts in Stata or SPSS software, run by IAPRI staff	August 2011, trained 4 MACO staff (3 male and 1 Female)

### 2.5.2 Central Statistical Office

Accurate and timely agricultural data is crucial for a government to make informed policy decisions. Moreover, there will be little demand for analytical capacity building for local Zambian organizations unless accurate data is available to support the process. The CSO is the Zambian government department charged with the collection and publication of national statistics. The quality of these data is critical to addressing a wide range of critical agricultural and food policy decisions to be made by the Government of Zambia. However, serious concerns have been raised from several quarters about data quality, especially for data from the Living Conditions Monitoring Survey. With assistance from USAID/Zambia and SIDA, agricultural statistical reports using the CSO and MACO Crop Forecast Survey (CFS) and Post-Harvest Surveys (PHS) have improved. Yet problems still exist in all phases of the process, especially during the implementation of these national surveys. For example, master trainers appear unmotivated during enumerator training, enumerator recruitment is not always based on skills or merit, field supervision is often poor, and no data verification (especially of PHS data) is done.

During the year under review, MSU/IAPRI continued working with CSO in the process of developing the CFS and PHS instruments including data processing and analysis while in the process building capacity for its staff members. These training activities always included some staff members from MAL as outlined above. The following capacity building trainings in data processing and analysis were conducted for CSO staff and other public institution members:

1. Eight females and 13 males were trained in data entry using CsPro from 17-21 March 2011 in Kabwe;
2. One female and 5 males were trained in data processing from 31 March to 5 April 2011 in Lusaka. One of these staff members came from the Ministry of Finance and National Planning;
3. Five females and 9 males were trained in SPSS I from 15-19 August 2011 at Kafue Gorge Regional Training Centre; and
4. Four females and 9 males were trained SPSS training II: Data Cleaning from 1-5 September 2011 at Kafue Gorge Regional Training Centre.

MSU/IAPRI began training nine Provincial Information Technology Managers who will be responsible for preliminary data cleaning in the provinces, where the enumerators and supervisors are available to answer questions, before sending data files to Lusaka. This is intended to build provincial capacity to conduct data cleaning activities and to increase the pool of CSO staff that can do data cleaning in order to improve the data quality in Zambia.

### 2.5.3 University of Zambia

The purpose of the alliance with UNZA is to improve the quantity and quality of trained analysts able to contribute to applied policy analysis and outreach in Zambia. The approach will feature integration of teaching and research. During the period under review, MSU/IAPRI has worked with UNZA officials to finalize the UNZA-IAPRI memorandum of understanding and carry out initial stage of the capacity building work with MS curriculum development and MS student advising. In addition, BSc. final year students and all MS students in Agricultural Economics were trained in data processing and analysis using Stata as follows:

1. Stata training for MS students 5-8 September 2011 (5 males and 1 females); and
2. Stata training to final year BSc student at UNZA from 6-10 April 2011 (14 females and 17 males)
3. Teaching support to the new MS program in Agricultural Economics also started using staff seconded from MSU in order to capitalize on MSU's expertise in applied policy analysis and outreach by combining information delivery and practical student engagement in methods for field data and quantitative household level data analysis and policy outreach.
4. Provided a capacity building grant to UNZA to fund the purchase of computers, printers, software and furniture needed to equip a computer laboratory. MSU is helping UNZA, School of Agricultural Sciences procure equipment from the USA. Computer laboratory is going to be commissioned in early FY 2011/12.

#### **2.5.4 Competitive Grant Fund**

IAPRI has started to manage a competitive grants fund (CGF). The objectives of the CGF are to build local analytical capacity and promote public discussion of agricultural policy options in Zambia. A "Call for proposals" under the Competitive Grants fund on research and outreach activities on the following topics: (1) Climate change in Zambia: anticipated impacts and promising adaptation and mitigation strategies; (2) Impacts of hybrid maize seed use in Zambia; (3) Zambia's livestock value chains; (4) Research on agronomic systems for raising smallholder productivity; and (5) Baseline study on the environmental and human health implications of horticultural production for the Lusaka market was put out in June and successful proposals have since been selected. Mentors from MSU and IAPRI are working with the winners to revise their proposals and research work will begin in early FY2011/12. Details of the five Call for proposals can be found at <http://www.aec.msu.edu/fs2/zambia/call.pdf>

#### **2.5.5 Other Organisations Benefitting from Project Activities**

Other organisations that benefitted from the MSU/IAPRI as a result of USG assistance during the year under review include:

1. Hosting the Horticultural Working Group on the formation of the Horticultural Association of Zambia including facilitating administrative procedures required for the association's registration
2. Agricultural Water Management Solutions project of the International Water Management Institute
3. Cotton Board of Zambia, Zambia Cotton Ginners Association and the Cotton Association of Zambia through the development and hosting of the cotton farmers database
4. Zambia Land Alliance
5. Grain Traders Association of Zambia
6. Zambia National Farmers Union

#### **2.6 Supporting the Design and Monitoring of USAID/Zambia's FTF Initiative**

- During the first half of the year, MSU/IAPRI assisted the USAID/Zambia mission during the development of the mission's FTF Strategy. The project assisted in the formation of a FTF working group to address the major FTF issues, provided evidence based research findings to guide the selection of value chains to focus on. A report from this effort has since been published as a FTF technical compendium and is available for use by organizations that would want to bid for FTF programs.
- MSU/IAPRI ensured that sufficient resources were available to respond to USAID's FTF analytical needs, including implementation of an AgCLIR in the first quarter. MSU/IAPRI helped the team to produce an AgClir for Zambia by having one of its researchers attached to the team, reviewing the draft report as well as assisting with local logistics.
- MSU/IAPRI has continued planning for monitoring and evaluation activities connected with FTF activities in Eastern Province and also prepared a special report on trade between Zambia and Tanzania for the FTF (*"Agricultural Trade between Zambia and Tanzania. Special Report for USAID FTF, April 28, 2011"*).
- FSRP assisted the Mission with the FTF launch and hosted a dinner for the then FTF Deputy Coordinator, Dr. Julie Howard.
- MSU/IAPRI has continued, through its stakeholder consultation and outreach activities, to work to ensure that priority issues identified in FTF are considered and coordinated to the extent possible with the government policy processes of CAADP and the agricultural-related components of the SNDP. It has also strongly geared its policy research, outreach, and capacity building efforts to guide the government's Post-Compact Country Investment Plan (CIP), given that preparing and implementing a well-designed CIP is an important milestone in evaluation of FTF progress.

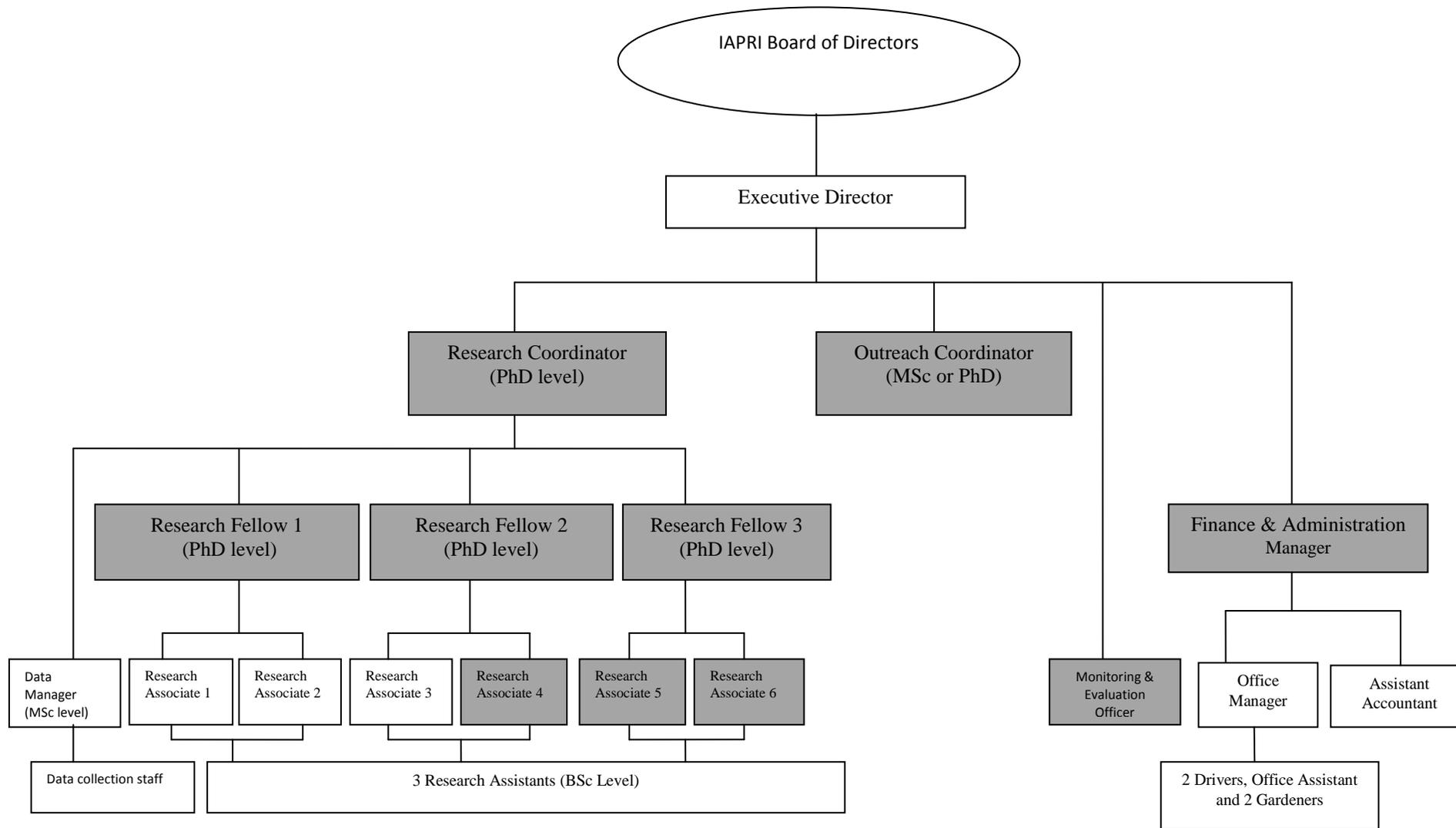
## **2.7 Supporting the Zambian CAADP, SNDP and Regional Food Policy Issues**

IAPRI with support from MSU has continued assisting the Zambian government through: a) collaborative policy analysis with MAL officials on key topics pertaining to the country investment plan and other post-compacts issues; b) outreach activities whereby public and private stakeholders consider evidence-based research findings showing the anticipated outcomes of alternative policies and programs in relation to stated Zambia CAADP and SNDP objectives; and c) capacity building of MAL officials to develop a coherent SNDP and CAADP compact .

Following Government buy-in to the CAADP process, establishment of CAADP Focal point and CAADP Country team; the CAADP Launch event; appointment of local consultants to carry out stock taking; conduct the analysis of growth options and key priorities; and the development the CAADP Compact document MSU/IAPRI concentrated during the year under review on facilitating the Compact signing event and working with Government to work out remaining obstacles and differences between involved parties.

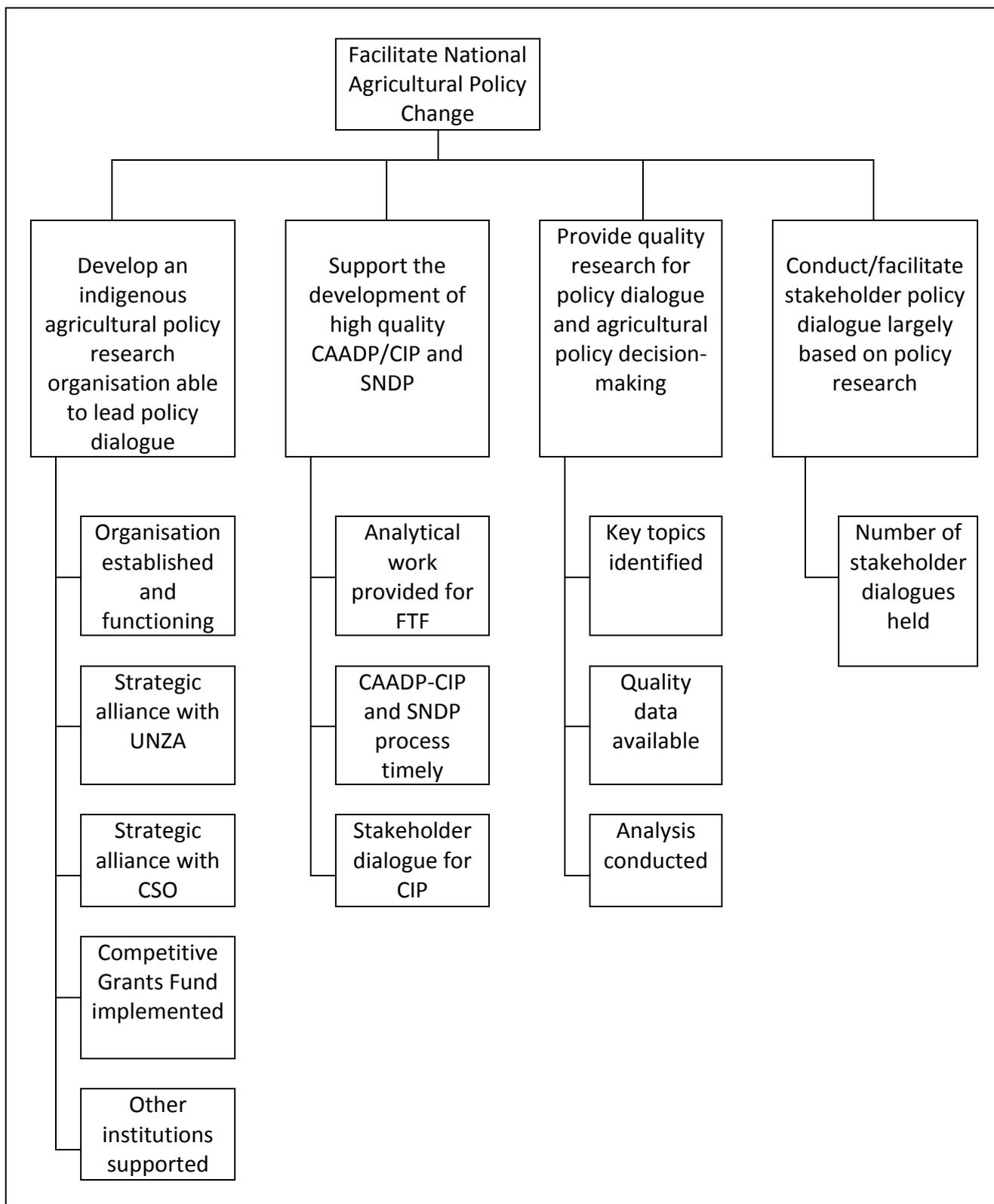
Through the MAL and other relevant ministries, MSU/IAPRI has continued assisting Government to strengthen the CAADP country team and will continue to do so during the preparation of the CIP. As mentioned above, IAPRI will be providing both financial and technical assistance to the CAADP Investment Plan team.

## Appendix 1: Proposed IAPRI Organogram



**Note: Shaded boxes – Currently vacant to be filled gradually**

**Appendix 2: Schematic presentation of MSU/IAPRI operational areas**



### Appendix 3: Results Framework and Performance Indicators defined by disaggregation, Information Source, Data Collection Sources and Methods

Results Hierarchy	Indicator	Disaggregation	Information Source, Data Collection Sources and Methods
<b>STRATEGIC GOAL 1: TO DEVELOP AN INDIGENOUS AGRICULTURAL POLICY RESEARCH ORGANISATION ABLE TO LEAD POLICY DIALOGUE</b>			
Outcome Indicator	Indaba Agricultural Policy Research Institute (IAPRI) is registered by October 2011 and is functional		Registration Certificate, Management reports
Output Indicators	IAPRI strategic plan developed by November 2011		Strategic planning meeting report, strategic plan, management reports
	Number of identified new positions in the IAPRI structure are filled on a continuous basis	By position and gender	Management reports
	IAPRI financial system set up and functional by August 2012		Management and financial reports
	Number of trainings of IAPRI staff in analytical and outreach skills	By course types and sessions	Records of weekly events recorded by all staff and consolidated into an MS Excel worksheet by the Office Manager/Assistant. List of participants at each training also captured
	Number of participants in IAPRI staff trainings	By sex	
	Number of policies/regulations/administrative procedures analysed ( <i>FTF indicator number 4.5.1-9</i> )	Sector: <ul style="list-style-type: none"> <li>• Inputs</li> <li>• Outputs</li> <li>• Macroeconomic</li> <li>• Agricultural sector-wide</li> <li>• Research, extension, information and other public service</li> <li>• Food security/vulnerable</li> <li>• Climate change adaptation or natural resources management (agricultural related)</li> </ul>	<ul style="list-style-type: none"> <li>• Tracking of the workplan where all research and outreach plans for each year and recorded and progress indicated periodically and is updated by the Research Coordinator following monthly submission of activities/achievements by all professional staff</li> <li>• Publications and outreach events uploaded on the website</li> </ul>
	Number of policies/regulations/administrative procedures drafted and presented to public/stakeholder consultation ( <i>FTF indicator number 4.5.1-10</i> )		
	Number of policies/regulations/administrative procedures presented for legislation/decreed ( <i>FTF indicator number 4.5.1-13</i> )		
	Number of policies/regulations/administrative procedures passed/approved ( <i>FTF indicator number 4.5.1-12</i> )		
	Number of policies/regulations/administrative procedures passed for which implementation has begun ( <i>FTF indicator number 4.5.1-11</i> )		
	Number of trade, investment environment and related diagnostics conducted		
	Number of trade, investment environment and related diagnostics consultations/dialogue held		
IAPRI website set up by February 2012			

STRATEGIC GOAL 2: TO ENGAGE IN ORGANIZATIONAL CAPACITY BUILDING FOCUSED ON THREE PILLARS: UNZA, MAL/CSO, AND CGF			
Results Hierarchy	Indicator	Disaggregation	Information Source, Data Collection Sources and Methods
Outcome Indicators	Memorandum of Understanding to develop strategic alliance to build CSO capacity in data collection updated by January 2012		Management reports and weekly records of events
	Memorandum of Understanding with UNZA to assist with some educational needs of the Department of Agricultural Economics signed and implemented by October 2011		
	Memorandum of Understanding to provide appropriate support to MAL signed and implemented by October 2011		
	CGF established and functional by September 2011		
Output Indicators	UNZA Department of Agricultural Economics Computer Centre is set up and functional by December 2011		<ul style="list-style-type: none"> <li>• Records of weekly events</li> <li>• List of participants at each training also captured</li> <li>• Tracking of the workplan</li> <li>• Management reports</li> </ul>
	Number of MSU staff assisting in UNZA curriculum development and MSc course lecturing		
	Number of presentations by MSU staff on agricultural policy issues under UNZA policy seminar series		
	Number of UNZA MSc students being mentored by MSU ( <i>FTF indicator number 4.5.2-6</i> )	By sex and type of individual	
	Number of staff of CSO/MAL trained by MSU and IAPRI in short-term data collection and/or data entry/cleaning/ management skills training sessions ( <i>FTF indicator number 4.5.2-7</i> )	By sex and type of individual	
	Number of workplan activities implemented by IAPRI/MSU and MAL/CSO	By sector/topic	
	MAL supported to produce annually the estimates of the cost of production of maize from the Crop Forecast Survey by May/June of each year		
	Number of meetings and/or dialogues attended/held by/with the MAL Grain Stocks Monitoring Committee		
	Number of studies commissioned under the CGF programme	Sector: Maize, Horticulture, Livestock, Climate change, Research Agronomic System for raising Agricultural Productivity	
	Number of local Zambian organisations benefiting from the CGF	By sector/topic	
	Number of other institutions supported by IAPRI/MSU ( <i>FTF indicator number 4.5.2-11</i> )	Private enterprises, producer organisations, women's groups, trade and business associations, sub-sector associations, community based organisations	

<b>STRATEGIC GOAL 3: SUPPORT THE USAID/ZAMBIA'S FEED THE FUTURE INITIATIVE</b>			
<b>Results Hierarchy</b>	<b>Indicator</b>	<b>Disaggregation</b>	<b>Information Source, Data Collection Sources and Methods</b>
Outcome Indicator	Number of pieces of analytical work provided for FTF	Type of work	Records of biweekly events, management reports
Output Indicators	Baseline survey successfully implemented and collection of data needed for FTF monitoring and evaluation requirements completed by July 2012		
	Baseline survey data cleaned by October 2012		
	Report on initial baseline indicators for FTF monitoring and evaluation (M&E) purposes initiated by October 2012		

<b>STRATEGIC GOAL 4: SUPPORT THE ZAMBIAN CAADP, SNDP AND REGIONAL FOOD POLICY ISSUES</b>			
<b>Results Hierarchy</b>	<b>Indicator</b>	<b>Disaggregation</b>	<b>Information Source, Data Collection Sources and Methods</b>
Outcome Indicator	High quality CAADP/CIP and SNDP developed		Records of weekly events, management reports
Output Indicators	Amount of financial support provided to MAL for the preparation of the CIP		
	Number of analytical processes/dialogues in the preparation of CIP facilitated/participated by IAPRI/MSU		
	Number of IAPRI/MSU research findings incorporated in the CIP and SNDP		

**STRATEGIC GOAL 5: TO ENHANCE THE AGRICULTURAL INFORMATION DATABASE IN ZAMBIA TO CONTRIBUTE TO THE ACHIEVEMENT OF OUTREACH/REFORM OBJECTIVES UNDER COMPONENTS 1 THROUGH 4 ABOVE**

Results Hierarchy	Indicator	Disaggregation	Information Source, Data Collection Sources and Methods
Output Indicators	Supplemental implemented by July 2013		Records of weekly events, management reports, website publications
	Technical support of annual support of CFS and PHS surveys (data cleaning training workshops)		
	Number of media events in Zambia to raise public awareness of major agricultural issues and benefits of reform participated in		
	Number of outreach events/processes in Zambia and/or internationally that have implications for the design and/or implementation of CAADP investment plan.		

#### Appendix 4: MSU/IAPRI illustrative Performance Management Plan

STRATEGIC GOAL 1: TO DEVELOP AN INDIGENOUS AGRICULTURAL POLICY RESEARCH ORGANISATION ABLE TO LEAD POLICY DIALOGUE						
Performance Indicator	Baseline value <sup>1</sup> 2009/10	Target Year 1 2010/11	Target Year 2 2011/12	Target Year 3 2012/13	Target Year 4 2013/14	Target Year 5 2014/15
1. Indaba Agricultural Policy Research Institute (IAPRI) is registered and is functional	-		October			
2. IAPRI strategic plan developed	-		November			
3. Number of identified new positions in the IAPRI structure are filled on a continuous basis	-		1	2	2	0
4. IAPRI financial system set up and functional			August			
5. Number of trainings of IAPRI staff in analytical and outreach skills	0	1	2	2	2	2
6. Number of participants in IAPRI staff trainings	0	4	5	6	7	7
7. IAPRI website set up			March			

<sup>1</sup> Baseline year 2010 refers to the period from October 2009 to September 2010, and subsequent years are aligned to this period

STRATEGIC GOAL 2: TO ENGAGE IN ORGANIZATIONAL CAPACITY BUILDING FOCUSED ON THREE PILLARS: UNZA, MAL/CSO, AND CGF						
Performance Indicator	Baseline value <sup>2</sup> 2009/10	Target Year 1 2010/11	Target Year 2 2011/12	Target Year 3 2012/13	Target Year 4 2013/14	Target Year 5 2014/15
8. MoU with UNZA to assist with some educational needs of the Department of Agricultural Economics signed and implemented	-	February				
9. UNZA Department of Agricultural Economics Computer Centre is set up and functional	-		December			
10. Number of presentations by MSU staff on agricultural policy issues under UNZA policy seminar series	0	0	6	6	6	6
11. Number of MSU staff assisting in UNZA curriculum development and MSc course lecturing	0	2	2	1	1	0
12. Number of UNZA MSc students being mentored by MSU( <i>FTF indicator number 4.5.2-6</i> )	1	5	5	5	5	5
13. Review of MoU with CSO with regards to capacity in data collection signed and implemented	-	?	January			
14. MoU with MAL to provide CAADP support, to capacity in data collection signed and implemented			January			
15. Number of trainings of staff of CSO/MAL by MSU and IAPRI in short-term data collection and/or data entry/cleaning/ management skills training sessions	3	3	3	3	3	3
16. Number of staff of CSO/MAL trained by MSU and IAPRI in short-term data collection and/or data entry/cleaning/ management skills training sessions ( <i>FTF indicator number 4.5.2-7</i> )	20 males; 10 females	6 males; 3 females	6 males; 3 females	6 males; 3 females	6 males; 3 females	6 males; 3 females
17. Number of work plan activities implemented by MSU/IAPRI and MAL/CSO						
18. MAL supported to produce annually the estimates of the cost of production of maize from the Crop Forecast Survey by May/June of each year	August	June/July	June/July	June/July	June/July	June/July
19. Number of meetings and/or dialogues attended/held by/with the MAL Grain Stocks Monitoring Committee	2	Number determined by the committee's need to meet				
20. Competitive Grants Funds established and functional	-	September				
21. Number of studies commissioned under the CGF	0	0	5	5	3	0
22. Number of local Zambian organisations benefiting from the CGF	0	0	3	3	3	0

<sup>2</sup> Baseline year 2010 refers to the period from October 2009 to September 2010, and subsequent years are aligned to this period

<b>STRATEGIC GOAL 3: SUPPORT THE USAID/ZAMBIA'S FEED THE FUTURE INITIATIVE</b>						
<b>Performance Indicator</b>	<b>Baseline value<sup>3</sup> 2009/10</b>	<b>Target Year 1 2010/11</b>	<b>Target Year 2 2011/12</b>	<b>Target Year 3 2012/13</b>	<b>Target Year 4 2013/14</b>	<b>Target Year 5 2014/15</b>
23. Number of pieces of analytical work provided for FTF	-	6	Number will vary depending on USAID/Zambia FTF program need			
24. Baseline survey successfully implemented and collection of data needed for FTF monitoring and evaluation requirements			July			
25. Baseline survey data cleaned by October 2012			October			
26. Report on initial baseline indicators for FTF M&E purposes			October			

<b>STRATEGIC GOAL 4: SUPPORT THE ZAMBIAN CAADP, SNDP AND REGIONAL FOOD POLICY ISSUES</b>						
<b>Performance Indicator</b>	<b>Baseline value<sup>4</sup> 2009/10</b>	<b>Target Year 1 2010/11</b>	<b>Target Year 2 2011/12</b>	<b>Target Year 3 2012/13</b>	<b>Target Year 4 2013/14</b>	<b>Target Year 5 2014/15</b>
27. High quality CAADP/CIP and SNDP developed			December			
28. Amount of financial support provided to MAL for the preparation of the CIP		\$15K	\$300K+			
29. Number of analytical processes/dialogues in the preparation of CIP facilitated/participated by MSU/IAPRI	3	5	5			
30. Number of analytical processes/reports in monitoring the implementation of CAADP by MSU/IAPRI (semi-annual analysis)	0	0	2	2	2	2
31. Number of policies/regulations/administrative procedures analysed ( <i>FTF indicator number 4.5.1-9</i> )	3	2	2	2	2	2
32. Number of policies/regulations/administrative procedures drafted and presented to public/stakeholder consultation ( <i>FTF indicator number 4.5.1-10</i> )	3	8	8	8	8	8
33. Number of policies/regulations/administrative procedures presented for legislation/decree ( <i>FTF indicator number 4.5.1-13</i> )	1	1	1	1	1	1
34. Number of policies/regulations/administrative procedures passed/approved ( <i>FTF indicator number 4.5.1-12</i> )	1	1	1	1	1	1
35. Number of policies/regulations/administrative procedures passed for which implementation has begun ( <i>FTF indicator number 4.5.1-11</i> )	1	1	1	1	1	1
36. Number of trade, investment environment and related diagnostics conducted	19	20	20	20	20	20
37. Number of trade, investment environment and related diagnostics consultations/dialogue held	34	20	20	20	20	20

<sup>3</sup> Baseline year 2010 refers to the period from October 2009 to September 2010, and subsequent years are aligned to this period

<sup>4</sup> Baseline year 2010 refers to the period from October 2009 to September 2010, and subsequent years are aligned to this period

<b>STRATEGIC GOAL 5: TO ENHANCE THE AGRICULTURAL INFORMATION DATABASE IN ZAMBIA TO CONTRIBUTE TO THE ACHIEVEMENT OF OUTREACH/REFORM OBJECTIVES UNDER COMPONENTS 1 THROUGH 4 ABOVE</b>						
<b>Performance Indicator</b>	<b>Baseline value<sup>5</sup> 2009/10</b>	<b>Target Year 1 2010/11</b>	<b>Target Year 2 2011/12</b>	<b>Target Year 3 2012/13</b>	<b>Target Year 4 2013/14</b>	<b>Target Year 5 2014/15</b>
38. Cleaned and appropriate survey databases readily available (CFS, PHS, Supplemental Surveys)	1	1	3	2	2	2
39. Number of media events in Zambia to raise public awareness of major agricultural issues and benefits of reform participated in	7	2	2	2	2	2
40. Number of outreach events/processes in Zambia and/or internationally that have implications for the design and/or implementation of CAADP investment plan	28	15	15	15	15	15

<sup>5</sup> Baseline year 2010 refers to the period from October 2009 to September 2010, and subsequent years are aligned to this period