# Workshop Proceedings

Agriculture Public Expenditure Analysis Country Experience Sharing Workshop

WHITE SANDS CONFERENCE CENTER DAR ES SALAAM TANZANIA JUNE 13-14, 2013

**Sponsored by:** 

NPCA FAO World Bank Bill and Melinda Gates Foundation CAADP Multi-Donor Trust Fund

# **Table of Contents**

Overview
Objectives
Participation
Program
Session 1. Welcome Remarks
Session 2. Methods and Process
Session 3. Preliminary Synthesis Results17
Session 4. Discussion Summary
Session 5. Country Presentation: Togo, by Mr. Treku
Session 5. Country Presentation: Ghana, by Mr. Ohemeng-Boateng
Session 5. Country Presentation: Burkina Faso, by Mr. Taondyande60
Session 6. Discussion of Country Presentations71
Session 7. Specialized Analysis: Case of Tanzania voucher program NAIVS, by Mr. Mink73
Session 7. Discussion of Specialized Analysis76
Session 8. Panel: Process
Session 9. Panel: Analytical Results77
Session 10. Panel: Achieving Impact79
Sessions 14 and 15. Synthesis and Closing Remarks81
Annex 1: Workshop Participants List
Annex 2: Breakout Groups for Discussion of Process, Analytical Results, and Achieving Impact87

### **Overview**

The NEPAD Agency jointly with the World Bank and FAO, with funding from the Bill and Melinda Gates Foundation and CAADP Multi-Donor Trust Fund, organized a two-day workshop on Agriculture Public Expenditure Reviews undertaken recently in sub-Saharan countries. The workshop took place on June 13-14, 2013 at the White Sands Conference Center outside of Dar es Salaam, Tanzania.

The country-based studies of agricultural public expenditure were undertaken with support from the FAO's Monitoring African Food and Agricultural Policies (MAFAP) Program or the World Bank's Strengthening National Comprehensive Agricultural Public Expenditure in Sub-Saharan Africa (AgPE) program, with both of these programs provided amongst the instruments of support from the NPCA to countries participating in CAADP.

In all, seventeen countries participated in the workshop. Many of these have recently completed a public expenditure analysis of their agricultural sectors, with the resulting reports publically available, while other countries were in the midst completing analysis, while a handful of countries were at the initial stages of preparing TOR and mobilizing consulting teams. This workshop built on earlier workshops sponsored by either the FAO or WB that focused on methods and process for countries just initiating public expenditure analysis with support from the programs.

The two day workshop opened with an overview of objectives, then a review of the methods and processes deployed in undertaking the MAFAP and AgPE programs. Next, a synthesis of results across the country studies was presented that drew on those that were completed by the time of the workshop. This was followed by country representatives from Togo, Ghana and Burkina Faso presenting their country experiences with and results from the public expenditure studies undertaken under these two programs. After a lively discussion of issues raised by workshop participants, the final session of the first day turned to two types of more specialized public expenditure analysis – impact assessment and medium-term expenditure (MTEF) planning – with the former illustrated with preliminary results from a case study of the Tanzania input subsidy voucher program (NAIVS).

The second day mobilized three panels to focus on three aspects of carrying out agricultural public expenditure analysis – process, analytical results (findings and implications) and achieving impact with study results. Each panel was asked to address a number of prepared questions, and then fielded questions from other participants. After the mid-day break, break-out groups provided an opportunity for workshop participants to have smaller group discussions on each of the same three topics, with group discussions reported back to the plenary. The workshop then provided a session in which each country delegation was provided the time to discuss workshop implications for their specific country contexts, and to begin preparation of any summary report they needed to prepare on return home. The workshop then concluded with summary remarks from the FAO and World Bank before being closed by the NPCA.

### **Objectives**

The purpose of the workshop was to enable participants to learn from each other through sharing their country experiences in undertaking agricultural sector public expenditure analyses over the past several years. This was intended to focus both on experiences in carrying out public expenditure analysis and also on the substantive analytical results and emerging recommendations.

The workshop was also expected to begin pulling together implications of, and ideas from, the experiences in conducting these studies, to help inform the design of possible next phases of support to countries to strengthen agricultural public expenditure analysis as an input to more effective planning and implementation of such expenditure in the sector.

### **Participation**

The workshop was targeted at technical persons from the countries which have participated in one or both of the FAO's MAFAP and World Bank's AgPE Analysis programs. The NEPAD Agency invited Governments to invite up to three persons to take part in the workshop, preferably members of the technical team or coordinating committee that Ministries of Agriculture had established to facilitate the recent collaborative work on agricultural public expenditure work. Participants also included representatives from other ministries that played a core role in guiding the public expenditure analyses, such as ministries of finance and of planning. In all, seventeen countries were represented at the workshop. Apart from government participants nominated by their ministries, other participants included consultant experts that undertook the country studies, and representatives from organizations such as the Regional Economic Commissions, FAO, World Bank, IFPRI and ReSAKSS. Participants are listed in annex.

### Program

### Agriculture Public Expenditure Analysis Country Experience Sharing Workshop

	Time	Session	Presenter/Moderator
		Wednesday Check-In and 7:00p – 8:00p Early R	Registration
		Thursday June 13, 2013	
	8:00-8:30a	Registration	
1.	8:30-9:15a	Welcome, Overview, Objectives	NPCA, MAFAP, WB
2.	9:15-10:15a	Methods and Process	MAFAP & WB
	10:15-10:30a	Break	
3.	10:30-11:30a	Preliminary Results: Cross-Country Synthesis	MAFAP & WB
4.	11:30-12:45	Discussion	MAFAP
	12:45-2:00p	Lunch	
5.	2:00-3:15	Country Presentations : Togo, Ghana, Burki- na Faso	Country Teams – Togo, Gha- na, Burkina Faso
	3:15-3:30	Break	
6.	3:30-4:30	Country Presentations Discussion	WB
7.	4:30-5:30	Specialized Analysis – MTEF, Impact Assess- ment	WB, Consultants
	7:00p	Cocktail	
	·	Friday June 14, 2013	•
8.	8:30-9:30a	Process – Data gathering; participation;	Moderator: WB
-		timeframe; costs	Panel: Country Reps, Con- sultants
9.	9:30-10:30a	Analytical Results – Findings, Implications	Moderator: MAFAP Panel: Country Reps, Con- sultants
	10:30-11:00a	Break	
10.	11:00-12:00	Achieving Impact	Moderator: NPCA Panel: Country Reps, Con- sultants
	12:00-1:30p	Lunch	
11.	1:30-2:45p	<ul> <li>Experiences and Implications: Break-out session 1 (2 groups per topic)</li> <li>Process</li> <li>Analytical Results</li> <li>Achieving Impact</li> </ul>	Intro: MAFAP/WB Facilitators in each group
12.	2:45-3:30p	Country Teams break-out session 2: individ- ual country teams draw lessons, plan next steps	
	3:30-4:00p	Break	
	4:00-5:30p	Plenary: Groups' Report Back	WB/MAFAP
13.			
13. 14.	5:30-6:00	Synthesis Remarks	WB/MAFAP

### Session 1. Welcome Remarks

The management of the NEPAD Agency appreciates the efforts made by countries and RECs in promoting the CAADP agenda; the progress realized over the last 10 years is evidently a result of collective action and responsibility. NPCA commits to continued brokering technical and financial support to foster agriculture-led efforts in countries and RECs – especially in light of the new focus on transformation of the agriculture sector and in line with "Sustaining CAADP Momentum".

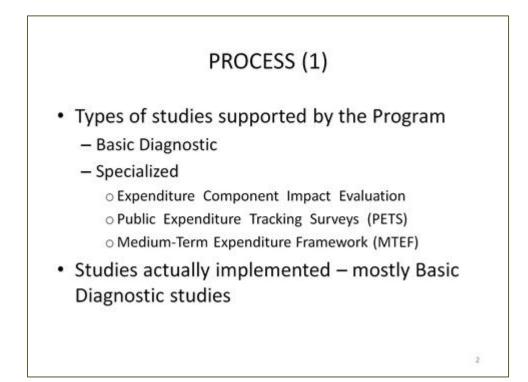
We strongly maintain that the 10% budget allocation and the 6% agriculture growth-rate targets are important but: a) we need to ensure that public expenditures bring about the desired growth and development and trigger private sector investments; and b) link between impacts / results and value for money. In this regard, NPCA places importance on strengthening the evidence base, and accordingly promotes the application of instruments such as joint sector reviews and agriculture public expenditure studies.

The NEPAD Agency registers thanks to the various partners that have been part of strengthening the evidence-base specifically in the agriculture public expenditure landscape. Gratitude goes out to the World Bank (a special mention of Stephen Mink for his personal efforts and drive) for partnering with NPCA on the AgPE Programme for Sub-Saharan Countries. Appreciation also goes to the Gates Foundation for providing the financial resources that have been used in undertaking AgPE studies in 19 countries. The support provided by FAO to 10 Sub-Saharan countries to undertake agriculture public expenditure studies on the "Monitoring African Food and Agricultural Policies" (MAFAP) Project.

The NEPAD Agency will continue delivering on its mandate on delivering on the CAADP agenda – including inter alia translating policy and political decisions into technical frameworks and guidelines; brokering technical and financial support & partnerships; and facilitating information / knowledge generation and sharing. This cross-country learning event on agriculture public expenditure studies is one of such events in which information sharing and peer learning among countries is promoted. I encourage you to learn from one another and leave you with an inspiration drawn from a West African saying thus: "the left hand washes the right hand, and similarly the right hand washes the left hand". **Session 2. Methods and Process** 

Session on Process and Methods

1



# PROCESS (2) Countries joined the Program in three rounds 2011: Togo, Senegal, Malawi, Ethiopia, Mozambique, CAR 2012: Burkina Faso, Ghana, Cote d'Ivoire, Guinea, Sierra Leone, Guinea, South Africa, Nigeria, Togo (Phase 2) 2013: Botswana, Chad, DRC and Lesotho Teams: consultants, technical teams, coordinating committees Time frame: 6 mos. (plan) -> 10 mos. (often) Budget cost: up to US\$ 100,000 per study

# PROCESS (3)

### • Steps:

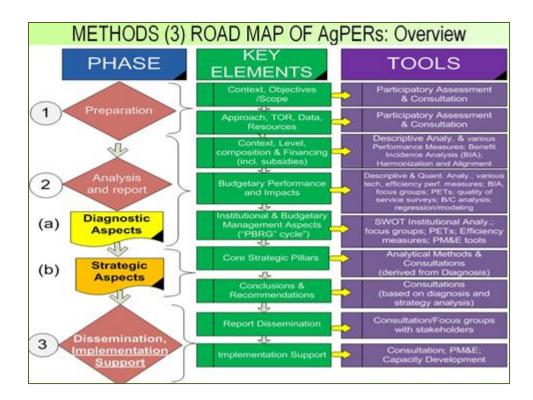
- Preparation, clarification of key questions, of scope
- Method of analysis: choice then data base creation and analysis application
- Recommendations in various areas
- Return to entry points for use of results

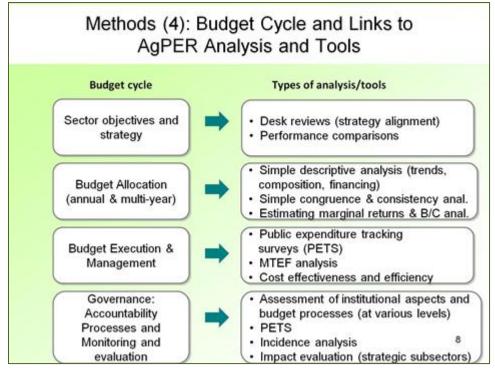
# METHODS (1)

- Focus today mostly on Basic Diagnostic studies
- Methodology covered in detail in earlier training workshops: Accra (2011), Abidjan (2012); materials on the Program website

# METHODS (2)

- Scope defined by Guidelines for CAADP agriculture expenditure tracking:
  - COFOG classification of agriculture, to cover crops, livestock, production forestry, fisheries
  - Scope typically covers multiple Ministries, and changing Ministries over the period;
  - Agencies food security agencies, input subsidy implementers, research institutes, ...
  - State enterprises (net flows with public budget)
  - Central and local government spending
  - Rural infrastructure: irrigation yes; rural roads no (->COFOG plus)
  - Off-budget expenditure on public goods (mostly a donor finance issue; data collection
  - Permits comparison with Maputo 10%





# METHODS (5) – Allocative Efficiency

- Allocative Efficiency: extent to which the budget allocation is aligned to the national & sectoral development strategy.
  - Does it address constraints?
  - How has this changed from previous years?
  - Wage and non-wage?
  - Recurrent and capital?

### IS MONEY ALLOCATED TO THE RIGHT THINGS?

# METHODS (6) – Technical Efficiency

- Technical Efficiency: what is the efficiency of achieving strategic outputs and outcomes?
  - Budget execution (planned vs. actual)?
  - Unit costs?
  - Leakages?
  - Thematic focus as part of basic diagnostic studies e.g. input subsidies, irrigation, private/public goods
  - Assessed through using different tools: public expenditure tracking surveys, cost-efficiency, incidence analysis, impact evaluation.

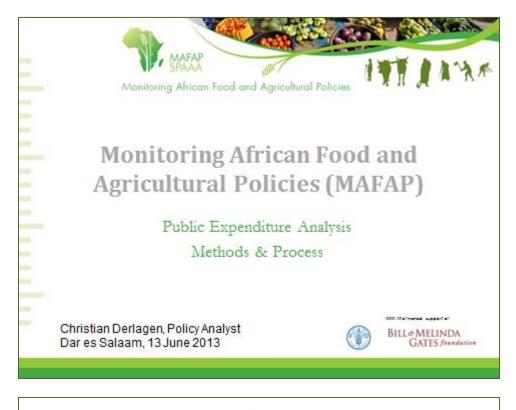
### IS IMPLEMENTATION EFFECTIVE?

10

# Summary: Process and Methods

Budget Cycle	Public Spending Analysis Scope/ Questions	Data Requirements	Types of Analysis	Areas of Recommendations	Potential Entry pointa
Sector	Intended facus of public spending				
Objectives & Strategy	Questions: What are the government national and sector objectives and strategoed? Is the policy environment conducive to investment returns?	Government targets: (e.g.) Agricultural growth, food security, poverty reduction Brodagy components Policies (e.g.) Net taxation	Desk review Performance compartuaris	Strategy alignment Potential gains from policy improvements vs. public spending	Sector reviews Strategy updates
	Allocative efficiency of public spending				
Budget Allocation	Scopp: The broader the coverage the greater the scope for analysis of allocative efficiency ( <u>Bostform</u> : How can allocative efficiency of public specificity to improved? (In memory being allocated to the right things?) What aspects of the budget process have led to current levels of efficiency?	Rudget ellocations: Levels Functional composition Development vs. recurrent Capital vs. current Wage vs. non-wage Public vs. private National vs. sub-ostional	Simple inductive analysis Simple congruence analysis Extimating marginal returns	Changes to spending aflocations across spending categories	Ministry/liecal government budget guidelines Permulas used in allocation decisions Sector review inhages
	Technical efficiency of public spending	Acress previnces/districts			
Budget Execution	Scope: The deeper the coverage the greater the scope for analysis of technical efficiency <u>Questions</u> inov can technical efficiency of public spending teory over 20 (to implementation effective?) What aspects of the budget process have led to current levels of efficiency?	Budget everytion: Budgeted v. allocated vs. extual Timing of releases Indicators on: Quality of services	Public expenditure tracking Cest effectiveness	Budget releases Technical design Procurement and foluciery capacity	Ministry of Finance budget management Reviews of sub-program Ministry of Agriculture/Local Government guidelines for project appraisal Training and HR plans
	Accountability of public spending				
Monitoring & Evaluation	Quantizes: What indicators are used to measure performance? Who is accountable for public spending autoames, and to whom are they accountable?	Coverage of services impact of services Fermal channels of accountability to stakeholders	incidence analysis impact evaluation	Program Largeting Implementation Accountability mechanisms	Ministry/local government budget guidelines Ministry M&E system
					11





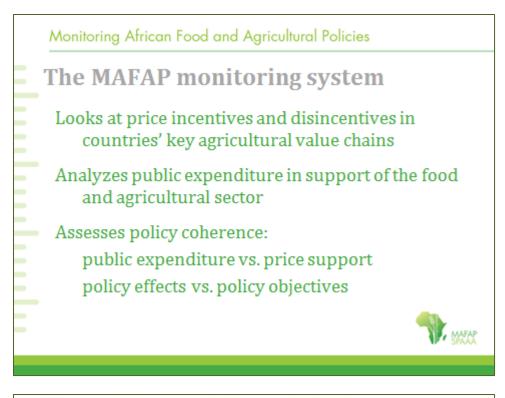
### Monitoring African Food and Agricultural Policies

# What is MAFAP?

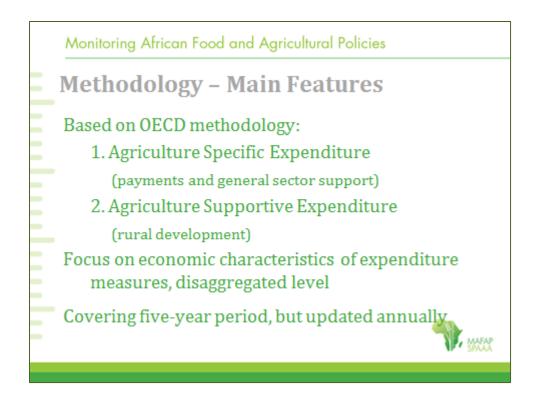
- a system to monitor the effect of policy on agricultural producers in Africa
- analysis and information for evidence-based policy making and investment decisions

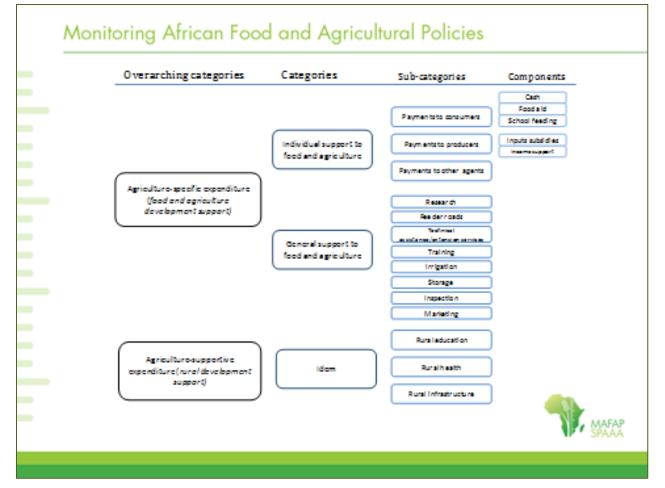
MAFAP

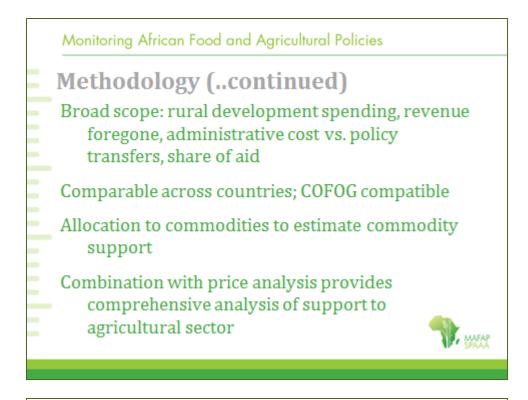
- quantitative tool to monitor progress towards CAADP and national policy objectives
- built and implemented by FAO with national partners – government & research













# Country-Level Approach

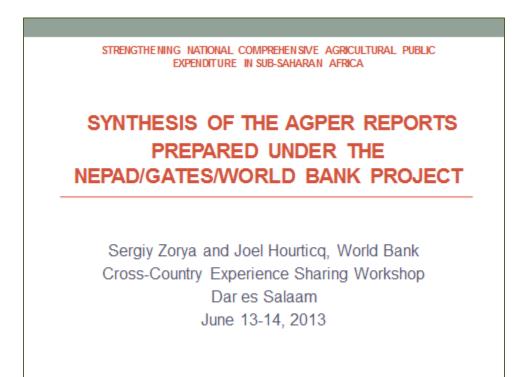
Structural collaboration with national teams to develop a sustainable policy monitoring system

- Ministry of Agriculture Research Institutes
- Ministry of Finance

Responsible for data collection, analysis and uptake through policy dialogue

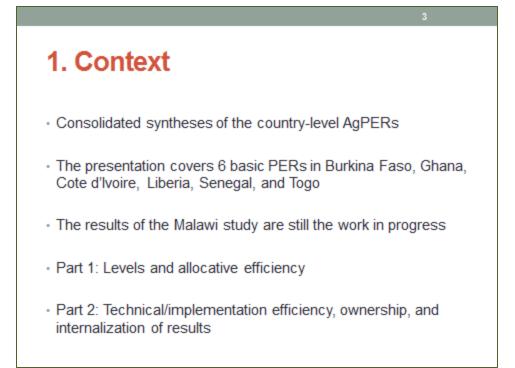


### Session 3. Preliminary Synthesis Results



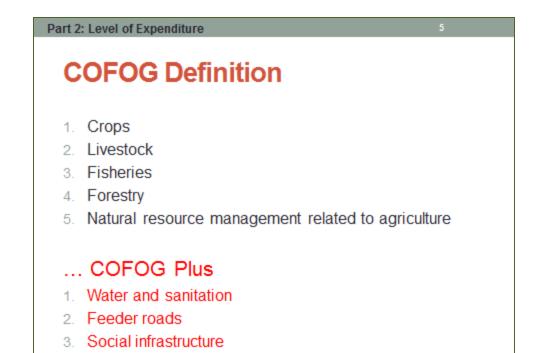
# Outline

- 1. Context
- 2. Levels of Expenditure
- 3. Allocative Efficiency
- 4. Technical Efficiency
- 5. Links between Expenditure and Sector Outcomes
- 6. Challenges



# 2. Levels of Expenditure

- Total agricultural budget and trends
- % of total national expenditure, GDP, and Ag GDP
- % of donor funds
- % of off-budget funds



### Part 2: Level of Expenditure

# Total Agricultural Budget [US\$ million]

Countries	2005	2009	2011	% Change
Burkina Faso	125	250	274	119%
Côte d'Ivoire	72	133	-	85%
Ghana*	125	251	333	167%
Liberia	1	45	56	1580%
Senegal*	190	360	-	89%
Тодо	15	37	66	352%

# Ag. Expenditure per Capita of Rural Population [US\$]

Countries	2005	2009	2011
Burkina Faso	11.2	20.8	22.0
Côte d'Ivoire	12.3	19.1	-
Ghana*	13.0	25.8	33.9
Liberia	0.7	4.7	10.0
Senegal*	29.8	51.1	-
Тодо	4.5	11.0	19.3

\* Off-budget expenditure not included.

### Part 2: Level of Expenditure

# Ag. Expenditure in Total Budget, %

Countries	2005	2009	2011
Burkina Faso	9.2	10.9	9.5
Côte d'Ivoire	2.8	3.3	-
Ghana*	8.4	10.3	11.2
Liberia	-	7.2	6.7
Senegal*	9.8	10.9	-
Togo	5.0	5.1	5.7

# Ag Expenditure in Ag GDP, %

Countries	2005	2009	2011
Burkina Faso	6.5	9.2	8.4
Côte d'Ivoire	1.9	2.3	-
Ghana*	3.1	5.0	3.6
Liberia	-	6.8	6.8
Senegal*	13.0	20.4	-
Togo	1.8	3.6	5.6

Part 2: Level of Ex	penditure			10
Ag. Exp	penditu	ure in C	GDP, %	)
Countries	2005	2009	2011	Budget revenue as% of GDP, 2011 (exc. Grants)
Burkina Faso	2.3	3.0	2.5	17
Côte d'Ivoire	0.4	0.6	-	-
Ghana*	1.2	1.8	0.9	17
Liberia	-	3.9	3.6	-
Senegal*	2.2	2.8	-	-
Тодо	-	1.2	1.9	17
Togo * Off-budget exp	- enditure not in		1.9	17

Share of Domestic Funds, %

Countries	2005	2009	2011
Burkina Faso	24	37	48
Côte d'Ivoire		62	
Ghana*	73	61	63
Liberia	-	21	38
Senegal*	45	41	-
Togo		64	

rt 2: Level of Expenditu Off-Budge		nds				12
Amount of Off-Budget						
Countries Burkina Faso	2005	2009	2011 55			
Côte d'Ivoire	23	49 54	00			
Ghana		• ·	-			
Gnana Liberia	n.a.	n.a. 28	n.a. 47			
Senegal	n.a. 5	n.a. 9	n.a. 4	Off Bu	idget Fund	e ae % of
Togo	0	э	4		Ag Budget	
		Countri	ies	2005	2009	2011
		Burkina	Faso	18	20	20
		Côte d'I	voire	19	40	-
		Ghana		n.a.	n.a.	n.a.
		Liberia		-	62	72
		Senegal		n.a.	n.a.	n.a.
		Togo		32	23	6

# 3. Allocative Efficiency

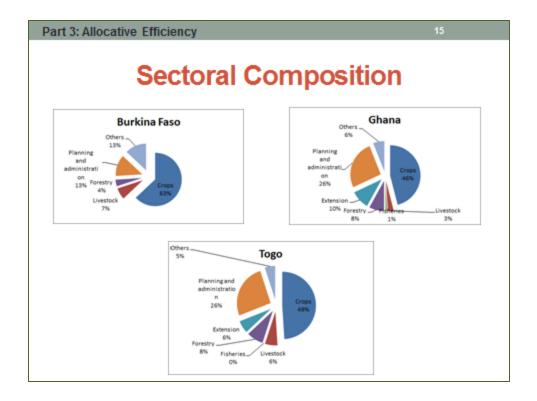
- Alignment with strategic priorities
- Sectoral composition
- Centralized vs. decentralized funds
- Economic composition
- Public vs. private goods

### Part 3: Allocative Efficiency

### 14

# **Alignment with Strategic Priorities**

- All reports assess the alignment of the expenditure with strategic priorities
- Some studies compare the expenditure shares with sub-sector GDP shares:
  - <u>Burkina Faso</u>: Livestock sector is clearly underfunded compared to its role in rural areas
  - Togo: since 2010 the alignment has improved, but still export crops receive most funds while livestock and research are underfunded
- · But, a thorough analysis is often missing:
  - Role of the government is not clearly defined
  - Little discussion of the allocative trade-offs
  - Lacking clarity of priorities



### Part 3: Allocative Efficiency

16

# But Often is Not Clear What Expenditure Is Spent On; Good Examples from MAFAP

Year 2010	Burkina Faso (billion FCFA)	Tanzania (billion T \$H)
Payments to producers	25,296	133.7
Input subsidies	24,404	116.3
Payment to consumers (food aid, cash transfers)	4,097	0.0
Payments to Input suppliers	571	0.0
Payments to processors, Intermediaries and transporters	52,183	3.0
General sector support	10,156	277.7
Agricultural research	3,936	49.1
Training and extension	27,000	184.2
Inspections	14,698	3.1
Infrastructure	1,593	3.5
Public storage	63,073	0.9
TOTAL AG BUDGET	76,984	414.4
	Source: MA	FAP.

у			17					
Centralized and Decentralized Spending								
Burkina Faso	Ghana	Liberia	Togo					
	51%	100%	70%					
	21%		28%					
92%	72%	100%	98%					
8%	27%	0%	2%					
	Burkina Faso 92%	Burkina Faso     Ghana       51%       21%       92%     72%	Burkina FasoGhanaLiberia51%100%21%92%72%100%					

Dart	2.	Allo	cativ		ffici	ioneu
Pair	э.	Allu	cauv	ес	IIICI	iency

18

# Economic Composition [1]

# Share of Recurrent Funds in Total Funds, %

2005	2009	2011
	20-25	
	66	
58	60	40
68	83	79
39	39	-
	73	
	58 68	20-25 66 58 60 68 83 39 39

# **Economic Composition**[2]

### Share of Wages in Total Funds, %

Countries	2005	2009	2011
Burkina Faso	10-15		
Côte d'Ivoire	36		
Ghana	27	22	27
Liberia	35	48	27
Senegal	7	6	-
Togo	29	17	9

### Part 3: Allocative Efficiency

20

# Public vs. Private Goods [1]

### Fertilizer(/input) subsidy

Countries	Year	% subsidy in market price	Share of subsidy in ag budget, %
Burkina Faso	2008-11	40	5
Ghana	2008-10	?	33
Liberia	2008-10	100	7
Malawi	2008-11	95	~ 60
Senegal	2005-09	?	23
Тодо	2005-10	35-40	28

Public vs. Private Goods [2] Public Ag. Research Spending as % of Ag. GDP			
Countries	IFPRI 2008 or 2009	AG PER Studies, 2011 or 2012	
Burkina Faso	0.36	0.33 (2004-2011)	
Côte d'Ivoire	0.54		
Ghana	0.60		
Liberia	n.a.		
Malawi	0.71		
Senegal	0.87		
Тодо	0.37	0.21 (2005-2010)	
		Source: IFPRI, 2013.	

22

# 4. Technical Efficiency

- · Execution rates: budget preparation and execution issues
- Monitoring and evaluation

# Execution rates: budget preparation and execution issues

General trends:

1. Overall: unsatisfactory agriculture sector performance

	< Natio		et performance stry performance
Burkina Faso MAH 2004-2011:	66%	97%	
Côte d'Ivoire 1999-2010:	62%		
Ghana MOFA 2001-2011:	72%		
Liberia MoA 2007-2010:	76%		95%
Senegal national resources 2005-2010:	90%		
Togo MAEP 2002-2010:	56%	77%	90%

### Part 4: Technical Efficiency

# Execution rates: budget preparation and execution issues

2. Wages > Non-wage recurrent > Internally funded development/capital > Donor funded development/capital

Burkina Faso MAH 2004-2011: 90% - 72% - 84% - 59% Côte d'Ivoire 1999-2010: Senegal national resources 2005-2010: 100% - 94% - 89% - ? Togo MAEP 2002-2010:

90% - 62% - 35% - 23% 104% - 71% - 69% - 23%

# Execution rates: budget preparation and execution issues

3. Central level performance > Decentralized services performance

Ghana 2001-2011: MOFA HQs 130% - Tech. Dir. 68% - RADUs/DADUs 33%

### Part 4: Technical Efficiency

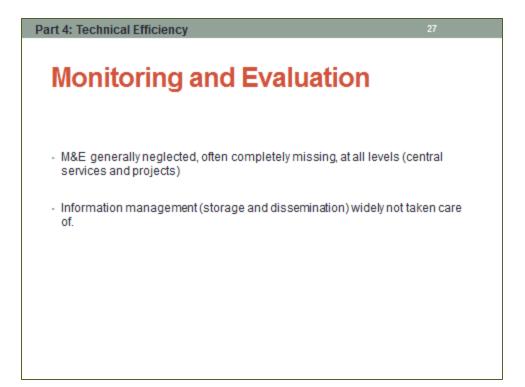
```
26
```

# Execution rates: budget preparation and execution issues

Example of significant improvement in execution rates: Burkina Faso

		2004-2005	2006-2008	2009-2011
	Recurrent	74%	92%	92%
MAH	GoBF funded investment	76%	66%	95%
	Donor funded investment	61%	68%	49%
	Recurrent	67%	88%	99%
MRA	GoBF funded investment	25%	52%	93%
	Donor funded investment	67%	38%	52%

Also observed in Côte d'Ivoire and Senegal.



5. Links between Expenditure and Sector Outcomes

At first sight there seems to be a correlation between levels of agricultural spending and agricultural growth...

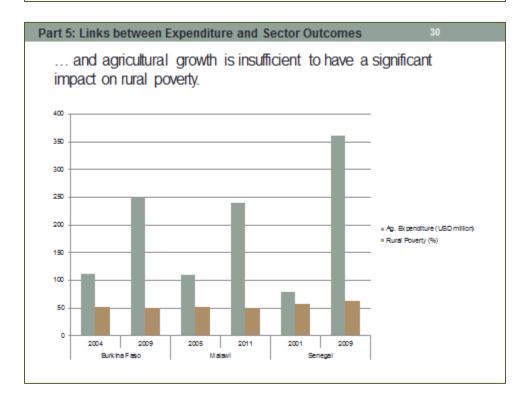
Country	Share of Ag Spending in national budget, 2009,%	Ag Spending per capita, 2009, \$	Share of Ag Spending in Ag GDP, 2009,%	Output Growth 2001-2009, %
Burkina Faso	10.9	20.8	9.2	3.22
Côte d'Ivoire	3.3	19.1	2.3	1.40
Ghana	10.3	25.8	5.0	4.17
Liberia	7.2	4.7	6.8	1.05
Senegal	10.9	51.1	20.4	3.62
Тодо	5.1	11.0	3.6	1.39

### Part 5: Links between Expenditure and Sector Outcomes

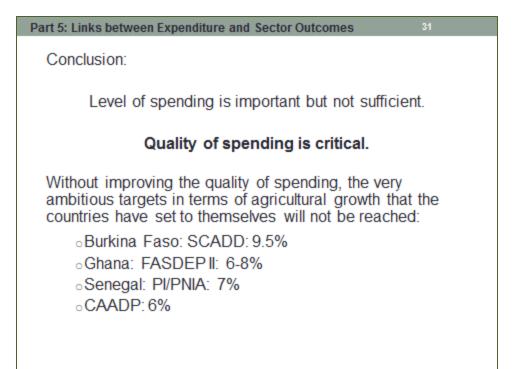
... however output growth is generally mostly accounted for by agricultural area extension (largely driven by population growth) rather than yield increase...

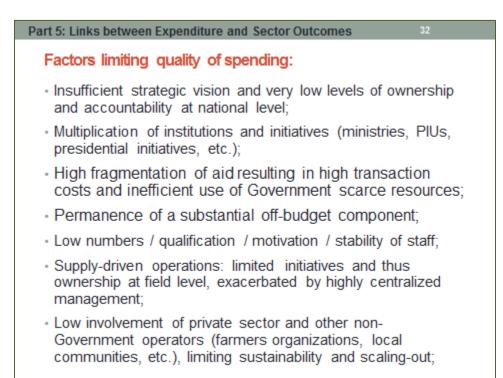
BURKINA- FASO	Av. yields 2005-2007,	Av. yields 2008-2011,
FA30	tons/ha	tons/ha
Mil	0,90	0,78
Maize	1,63	1,54
Paddy	2,02	2,09
Sesame	0,46	0,65
Groundnuts	0,70	0,79
Soja	1,21	1,58
Niébé	0,63	0,73
Sorghum	1,06	0,95

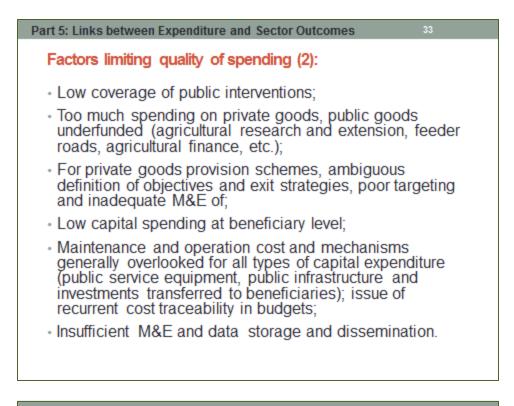
	Av. yields	Av. yields
SENEGAL	2000-2004,	2005-2009,
	tons/ha	tons/ha
Mil	0,66	0,67
Maize	1,81	1,74
Paddy	2,58	3,23
Groundnuts	0,84	0,84
Cassava	5,63	7,54
Sorghum	0,79	0,88



25



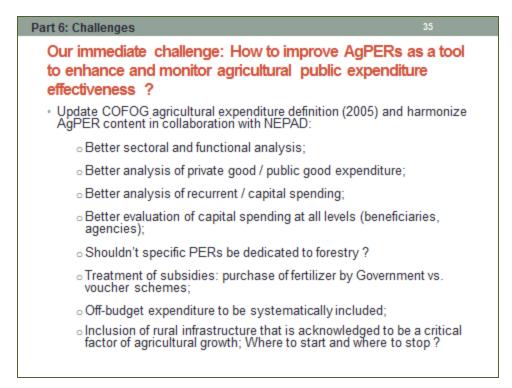




6. Challenges

Ultimate challenge: How to improve the effectiveness of agricultural public expenditure ?

- Review budget planning and execution process and improve technical efficiency, including M&E;
- Enhance general coordination, ownership and accountability through adoption and effective operationalization of ASWAP and output-based budgets;



### Part 6: Challenges

# How to improve AgPERs as a tool to monitor agricultural public expenditure effectiveness ? (2)

- Develop and maintain regional and international unit cost databases for major agricultural interventions to serve as benchmarks;
- Shouldn't AgPERs be systematically accompanied by better agricultural public expenditure impact assessment studies ? Productivity statistics being highly influenced by climate on a short study period, which indicators could be relatively easily measured to track change in agriculture and agribusiness sector and assess medium-term sustainable growth prospects?
- What has happened with the AgPERs that have been produced ? Have they been a stimulus for change ? How to monitor their impact ?
- How to institutionalize a lighter form of AgPER to be carried out annually together with sector reviews ?

### Session 4. Discussion Summary

Central and Southern Africa countries participants observed that their countries were not adequately represented in the first batch of studies. It was explained that this was due to their late completion of the CAADP process and that they would catch up in the subsequent phase that aims to include Botswana Cameroon, Chad, Lesotho and South-Africa. An AgPER was planned to be carried out in Central Africa Republic but had to be postponed for security reasons.

The difficulty to collect comprehensive data in countries such as Nigeria where a substantial share of agricultural public expenditure is provided by numerous State budgets (36 States in Nigeria) was underlined. Existing studies (IFPRI in Nigeria), innovative methods (sample analysis) and sub-national expenditure tracking systems already used in Asian countries where similar decentralized expenditure structure prevails (Indonesia, Vietnam) will have to be used.

The necessity to provide an inter-sectoral picture to show how agricultural budgets compare with other sectors budgets was stressed.

The low execution rates observed by most country studies on externally funded capital (or development or investment depending on countries) budgets were judged surprising given the engagements taken years ago under Paris and Accra agreements on the efficiency of aid. Partly, these low execution rates are due to the inadequate capture by national expenditure tracking systems of both the planned budgets (often overestimated) and actual expenditures (often underestimated) of donor funded activities. However, even in the case national external expenditure tracking systems would improve in the future (countries like Burkina Faso are engaging reforms in that direction), execution rates on externally funded activities are expected to remain lower than those on internally funded expenditures due to the difficulty of national authorities to master multiple and complex donor procedures and insufficient communication and training issues. These results, troubling but consistent across countries, highlight the need for donors to make a greater use of national execution and reporting procedures, to move whenever possible from project to budget support and for countries to increase their reliance on locally generated resources.

The danger of generalizing the use of "blind" ratios was emphasized on several occasions during the workshop (for example recurrent over capital expenditure, public goods over private goods, share of expenditure in favor of a subsector compared to its share in the AgGDP, etc.). Participants agreed that it should be kept in mind that there is no optimum ratio across countries and subsectors, the optimum may vary greatly from a country to the other and from a subsector to the other, and, within a country or a subsector, according to its level of development (for example an expenditure funded by the State may be taken over by the private sector at a more advanced stage, rightly reducing the level of Government expenditure in that subsector). It should also be kept in mind that one type of expenditure is not superior to the other (for example investment over recurrent), this also depends on situations and development stages. However, the use of ratios is still recommended as they are useful to prompt questions when apparently overly unbalanced situations are detected (for example, when a subsector that represents a high share of the rural economy receives negligible support).

The issue of the link between expenditure and sectoral outcomes was discussed. This was a difficult and sensitive part of the AgPER work in most countries. Clarifications were requested on the figure presenting stagnating (or increasing) rural poverty incidence despite increasing agricultural expenditures in Burkina Faso, Malawi and Senegal. This observation highlights the urgent need for improving the quality of agricultural spending to obtain agricultural growth rates high enough to reduce rural poverty.

It was suggested that off-budget expenditure should not be taken into account when calculating the Maputo rate because it is not always aligned with Government priorities. However, as these resources are being brought into the countries by CAADP signatories and are the object of an agreement with the Government, they must be recognized as being part of Government options to finance the sector and thus included in the Maputo rate. Their share in the agricultural total expenditure, relatively substantial in most countries, must be emphasized and their progressive inclusion in Government procedures and accounts recommended.

Finally, the need for improving the consistency between the various AgPER studies being produced and updating NEPAD guidelines and COFOG definition was stressed. A harmonization between the FAO/MAFAP and the World Bank/AgPER approaches was also suggested. Session 5. Country Presentation: Togo, by Mr. Treku

# AGRICULTURE SECTOR PUBLIC EXPENDITURES REVIEW IN TOGO

Process, results, follow up

NEPAD-World Bank-FAO Agriculture Public Expenditure – Cross-Country Experience-Sharing Workshop

Dar Es Salam, June 13th-14th 2013

## Structure of the presentation

## 1- Context

- 1.1- Institutional context
- 1.2- Organisational context
- 1.2- Timeframe
- 2- Objectives and scope of the Ag. Public Exp. Review

## 3- Data collection

- 3.1- Difficulties met
- 3.2- Solutions
- 4- Conclusions and recommendations
- 5- Follow up

## 1.1-Institutional context

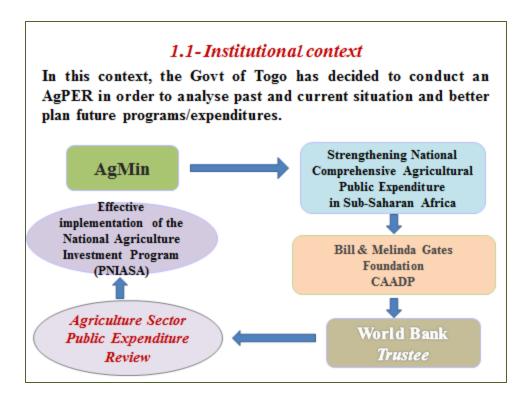
- Political stability and economic growth since 2007, following 15 years of economic difficulties \_(1990 to 2005).
- Several PFM reform initiated in Sept 2010 following a series of PFM systems diagnostics (2005-2009) : Public Expenditure Management and Financial Accountability Review (PEMFAR WB/ADB/UNDP/French Cooperation – 2006) and Public Expenditure and Financial Accountability (PEFA-UE 2009)
- Several Agriculture sector Reviews (<u>ReSAKSS 2009 and</u> <u>ReSAKSS 2010</u>)
- > Agriculture Sector Public Expenditure Review (1996)
- Study on economic growth opportunities (WB/UNDP 2008)

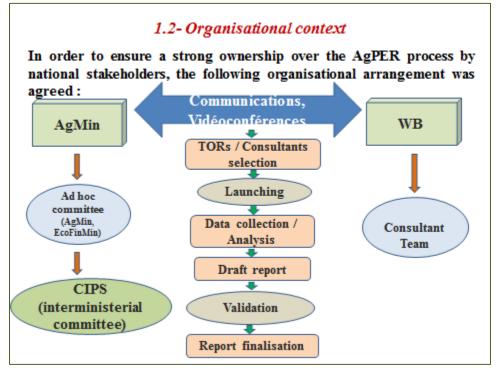
## 1.1- Institutional context

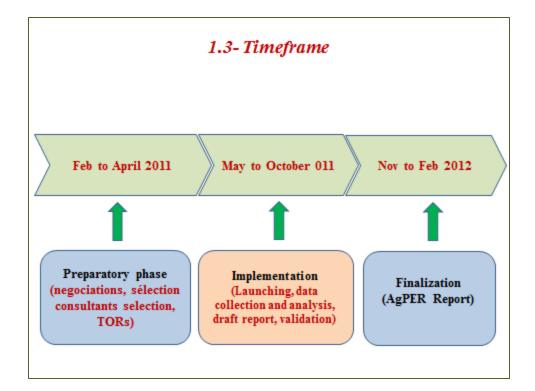
From 1992 to 2011, Togo has elaborated and adopted a series of document of policy/ strategic or programmatic nature for the Agriculture Sector, increasingly coherent with the overall national policy objectives (DSRP) as well as sub-regional and regional priorities (ECOWAS, AU, CAADP)

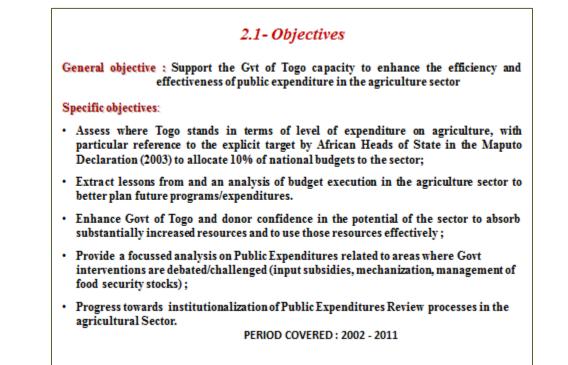
- First Agricultural Development Policy (DPDA 1993-1997)
- Second Agricultural Development Policy (2007-2011)
- National Agriculture Investment Program (PNIASA 2010-2015) (3 projects about to start)
- National Poverty Reduction Strategy (DSRP-I and DSRP-C).

Existence of a Joint Govt of Togo / Development Partners Working Group for the Agriculture Sector (GPTF/SAPNIASA).









2.2-Scope of the AgPER : expenditures

The sectoral scope of the study was guided by the classification of the functions of government (COFOG\*) system.

All types of expenditures (personnel, operating, transfers and investments) related to all sub-sectors of the overall agriculture sectors were considered : livestock, forestry, fisheries, applied research, etc.

Expenditures incurred by projects, including when NGO or UN implemented with limited involvement from the AgMinistry, were taken into account (as much as possible)

The TORs invited the team to deepen the analysis on three important expenditures : fertilizer program, food security interventions (purchases of cereals) and support to argciutlural mechanziation.

\* Rural roads taken into account but treated separately

## 2.2-Scope : stakeholders / sources of data

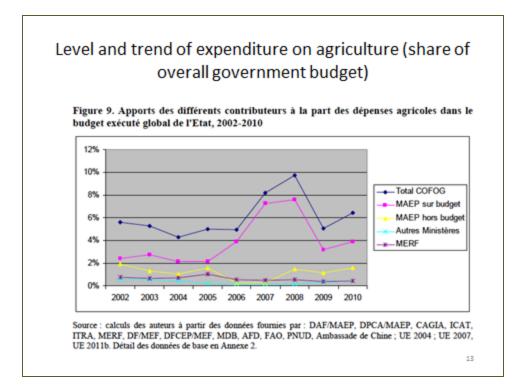
- Ministries involved in the Agriculture Sector:
  - Ministry of Agriculture, Livestock and Fisheries
  - Delegated Ministry in charge of rural infrastructures
  - Ministry of Environment and Forest Resources
  - Ministry of grassroots development
- Ministry of Economy and Finance, Ministry of Planning, Dévelopment and Territorial Planning
- NGOs, Development Partners

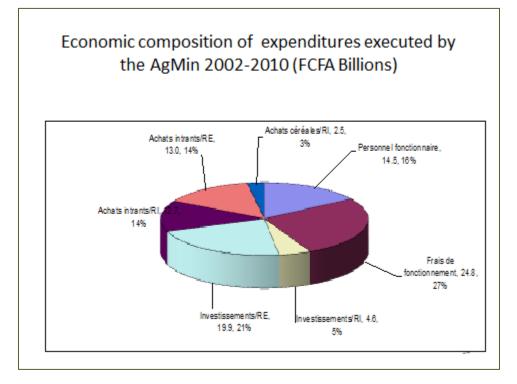
# **Data Collection**

- What main difficulties were encountered in completing the analytical data base for the study?
  - Number of years of available data? 10 years
  - Availability of computerized data? Not systematically
  - Responsiveness of data providers? Variable
  - Collecting off-budget and/or external partner finance and expenditure information? Difficult
  - Staff information related to personnel costs?
  - Clean separation of recurrent and capital expenditure? No
- What if any solutions were found to overcome these constraints? It has not been always possible to overcome every constraint.

## 3- Main results and conclusions

- A sharp increase of public spending for the Agriculture Sector pour le secteur (multiplied by 3,5 in current and by 3 in constant terms between 2011 and 2011)
- But a gap between planned budgets, approved budgets and actual budget outturn (overall 56%; Govt budget 77%).
- Level of expenditures for agriculture remains bellow Maputo commitment (6,4% of Govt budget in 2010)
- Investments remain a minor share of expenditures (in particular for government financed expenditures)
- Wage expenses are low (only 2% of the overall State expenses) considering the position of agriculture in the economy (40% of national GDP, 20% of exports value, du PIB et 20% des recettes d'exportation).
- Spatial allocation should be improved (over 50% of spending concentrated in the "Maritime" area, where the Capital City is).
- Allocations to livestock (3%), fisheries (0,4%), Research (5%), Extension (6%) appear to be bellow needs
- Very significant allocations to the fertilizer subsidy and the food security/cereal marketing operations, with limited results/impacts





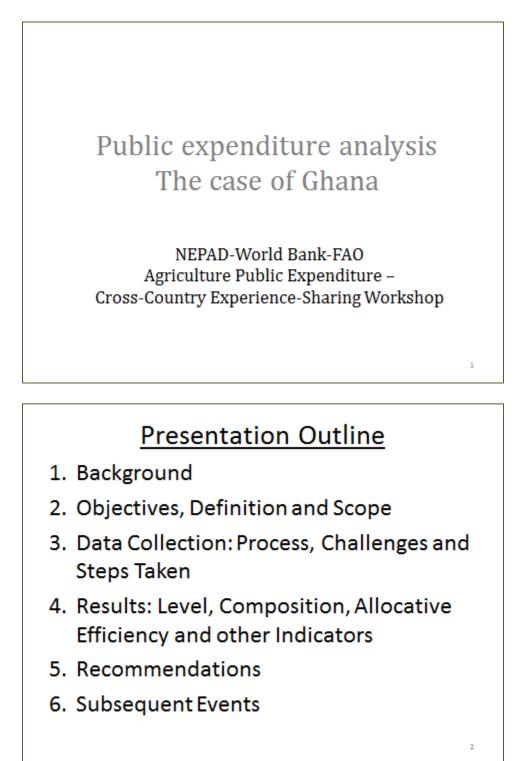
# What main recommendations for policy-makers were made by the study?

- Necessity to commission three studies / policy studies aiming at enhancing the following policies : fertiliser subsidization mechanism, food security / state managed cereals commercialization scheme, support to agricultural mechanisation development.
- Necessity to elaborate more realistic annual budgets (only projects / action that are fully ready to be implemented should be budgeted)
- AgPER process and outcomes should become institutionalized

## Making use of the AgPER / Follow up

- Donors better know and comprehend the Agriculture Sector (finances): led to higher level of interest and engagement;
- As a follow up exercise, an Agriculture Sector MTEF was elaborated in 2012 for the period covering 2013 to 2015;
- Initiating the Sectoral approach during the AgPER has facilitated adoption of the sectoral approach during the Ag-MTEF exercise. The AgPER working groups have easily been remobilized during the CDMT work.
- Decision taken to perform AgPER every year if resources are available (if not, every two years). A new AgPER will start and be completed in 2013.
- The formulation of the new National Agricultural Development Policy has greatly benefited from the analysis / conclusions from the AgPER.
- Specific studies commissioned in order to improve effectiveness/efficiency of allocations to some sub-sectors : mechanization and fertilizer subsidies (on going), marketing of cereals (to start).





## Session 5. Country Presentation: Ghana, by Mr. Ohemeng-Boateng

# 1. Backgound: Public expenditure analysis in country

- Agricultural sector public expenditure analysis prior to present study:
- Institutional context for the present public expenditure analysis.
- Consult arrangements, any letters of agreement, with who from what institution?
- How long to do the study?

## Public Expenditure Analysis Background (1)

- MAPUTO 2003 (10% v/s 6%, by b2008)
- Comprehensive African Agricultural Development Programme (CAADP).
- Agricultural Policy of the Economic Community of West African States.
- Ghana Poverty Reduction Strategy II (GPRS II).
- Food and Agriculture Sector Development Programme II (FASDEP II).
- METASIP 2011-15.

## Public Expenditure Analysis:Background

In 2008, MOFA carried out a Public Expenditure and Institutional Review (PEIR) in the agricultural sector through the International Food Policy Research Institute (IFPRI). The current assignment calls for an update and enhancement of the 2008 database to provide a solid foundation for subsequently carrying out specialized studies, such as Public Expenditure Tracking Surveys (PETS).

The current AgPER covers the period 2001–2011, to include periods before and after the Maputo Declaration as required by the CAADP.

# 2. Objectives and scope

- What were the objectives of the study?
- What was the scope : definition of "agriculture", expenditure considered, period analyzed etc.?

# Objectives of the Study

- Promote the articulation and implementation of the Medium Term Agricultural Sector Investment Plan (METASIP 2011-2015) so as to build consensus for increased levels of public expenditure in Ghana's agricultural sector and to enhance its efficiency, effectiveness, and equity.
- Compile a coherent and comprehensive analytical database to enable assessment of recent years' agricultural public expenditure levels and composition

## **Definition and Scope**

Definition and scope guided by the UN's Classification of the Functions of Government (COFOG) system, which places the agricultural sector in the group of Economic Services. As defined in the Economic Services Group, the sector comprises agriculture (crops and livestock), forestry, fishing, and hunting.

NOTE:

Comment on COFOG and COFOG+

# Scope

The review covers: MDAs in the agricultural sector and their respective expenditure from government and donor sources; and agricultural projects, programs, and special expenditure in the sector that are not part of the sector budget (e.g., President's Special Initiatives and the Millennium Development Authority (MIDA).

# 3. Data Collection

- What main difficulties were encountered in completing the analytical data base for the study?
  - Number of years of available data?
  - Availability of computerized data?
  - Responsiveness of data providers?
  - Collecting off-budget and/or external partner finance and expenditure information?
  - Staff information related to personnel costs?
  - Clean separation of recurrent and capital expenditure?
- What if any solutions were found to overcome these constraints?

## Data Collection (1): Process

- Team: Counterpart Team, Technical Working Group, Consultants, TTL.
- Scope: The review covers: MDAs in the agricultural sector and their respective expenditure from government and donor sources; and agricultural projects, programs, and special expenditure in the sector that are not part of the sector budget (e.g., President's Special Initiatives and the Millennium Development Authority (MIDA)).
- Process: Basic expenditure data were compiled to assess the extent to which expenditures reflect and contribute to stated national sectoral priorities. Lessons were drawn from the analysis to provide insights to enhance the efficiency and effectiveness of the agriculture sector.

# Data Collection (2): Process

Counterpart team and Inception Workshop provided inputs to reach a common understanding of the scope, nature and sources of the study. Required data included: approved budget; actual expenditure; and releases under the four budget line items disaggregated by functional directorates and units. Templates for the basic data collection were prepared and agreed upon by the consultants, the counterpart team, and the Technical Working Group, and

were distributed to MDAs in the agricultural sector.



# Data Collection Challenges (1)

- The review required that expenditures be linked to sector priorities and objectives. However, funds released to the units in the MDAs were generally not tagged to specific field activities under the various objectives in the budget. Other challenges included the following:
- Donor expenditure data were limited for the earlier years of the review period;
- Expenditure data for 2001 were unavailable for some of the MDAs;

Data Collection Challenges (2)

13

- Disaggregated data from some MDAs needed to enable comprehensive functional analysis were not available;
- There was a lack of precise expenditure data for agricultural mechanization and irrigation; and
- Some data did not fully cover the 11-year study period; e.g., data on feeder roads were not available for 2001-2007; expenditure data on debt service were not available for 2001, 2010, and 2011.

# Steps Taken

Customized templates and questionnaires were prepared and administered to the relevant MDAs through interviews by the consultants. The consultants, the counterpart team, and the Technical Working Group discussed the type of data collected using templates that had been developed for the exercise. The Technical Working Group met at specified periods to discuss progress and challenges in gathering the data. These meetings were used as platforms to discuss and validate the data.

# 4.1(a) Results: Level

(Budgetary Allocation to the Agricultural Sector and Actual Expenditure)

#### Budgetary allocation to the Agric Sector

- Annual average (in 2001 constant prices) GHC 193 million. Increased nearly 5 times from GHC 65 million in 2001 to GHC 315 million in 2011.
- Average share in overall national budget 6.8 percent (fell below 10 percent target over the 2001-2011 period).

#### Actual Expenditure in the Agricultural Sector

- Annual average (in 2001 constant prices) GHC 169 million.
- Average share in overall national expenditure 9.3 percent.
- Share exceeded 10 percent in 2009 (10.3 percent), 2010 (16.0 percent), and 2011 (11.2 percent).

#### Sector Expenditure relative to GDP and AgGDP

- Av. expenditure relative to GDP- 1.2 percent; declined from 1.8 percent in 2008 to 0.9 percent in 2011.
- Av. expenditure relative to AgGDP-3.6 percent; declined from 5.3 percent in 2008 to 3.6 percent in 2011.

16

# 4.1 (b) Results: Level

(GoG and Donor Budgetary Allocation and Actual Expenditure)

Average Shares of GoG and Donor in Budgetary Allocation (2001-2011)

- GoG GHC 119 million– 62 percent
- Donor GHC 74 million 38 percent

# Average Shares of GoG and Donor in Actual Sector Expenditure (2005-2011)

- GoG GHC 157 million 69 percent
- Donor GHC 71 million 31 percent
- Sector GHC 228 million
- Allocations and expenditures in 2001 constant prices

17

# 4.2 (a) Results: Composition (Sub-sectors )

## Sub-sector Share in Agricultural Sector Expenditure-2001-2011)

- Non-cocoa crops 58.0 percent;
- Cocoa 33.0 percent;
- Livestock 2.0 percent;
- Fisheries 1.0 percent; and
- Forestry 6.0 percent.

# <section-header><section-header><section-header><section-header><section-header><list-item><list-item><list-item><list-item><section-header><section-header>

## 4.2 (c) Results: Composition (Recurrent vs. Investment Expenditure – 2001-2011)

GoG: Balance between Recurrent and Investment Expenditure (2001-2011)

- Average Recurrent Expenditure GHC 87.96 million (71%)
- Average Investment Expenditure GHC35.43 million (29%)

### Donor: Balance between Recurrent and Investment Expenditure (2005-2011)

- Average Recurrent Expenditure GHC 17.03 million(24%)
- Average Investment expenditure GHC 58.37 million (76%)

# 4.3 (a)Results: Allocative Efficiency & Other Indicators

- · Misalignment of expenditure at the sub-sector level.
- Imbalance in budgetary allocation to line items and Directorates at the MDA level.
- Agricultural research About 89 percent of expenditure is on Personnel Emolument, 9 percent on non-wage recurrent and 2 percent on investment.
- > Relatively high concentration of expenditure at MOFA's headquarters.
- > Under-funded Directorates within MOFA -
  - ✓ Women in Agric Development (0.3%)
  - ✓ Plant Protection and Regulatory Services (0.4%)
  - ✓ Extension Services (0.7%)
  - ✓ Agric Engineering (1.0%)
- Relatively high expenditure on fertiliser subsidy in the sector

21

## 4.3 (b) Results: Allocative Efficiency

(Sub-sector : Share in Sector Expenditure relative to Contribution to AgGDP - 2006-2011)

a	b	c	d=b:c
Sub-sector	Share in Agricultural Sector Expenditure (2006-2011)	Average Contribution to AgGDP (2006-2011)	Share in expenditure relative to contribution to AgGDP
Non-cocoa crops	58.5	62.0	0.9:1
Cocoa	31.2	10.0	3.1:1
Livestock	2.7	8.0	0.3:1
Fisheries	1.2	8.0	0.2:1
Forestry	6.3	12.0	0.5:1
Total	99.9	100.0	

# 4.3 (c) Results: Allocative Efficiency Fertiliser Subsidy - 2008-2011

#### Total cost (real) to Govt - GHC 862.39 million

- MOFA programme GHC 107.75 million (12.5%)
- Cocoa programme GHC 754.64 million (87.5%)

#### Total Cost to Govt relative to Agric Sector Expenditure

- Total cost relative to Ag sector expenditure 79.1 %
- Cost of MOFA's programme relative to Ag sector expenditure 9.9%
- Cost of Cocoa's programme relative to Ag sector expenditure 69.2%.

#### **Rate of Subsidy**

MOFA programme: 42 percent (average) Cocoa programme : 65-85 percent

## 4.3 (d) Results: Allocative Efficiency Pre-METASIP (2009-2010) and METASIP (2011) Implementation

Budgetary allocation to the sector from 2011 for METASIP implementation is envisaged to exceed the 2009 level by at least 10 percent.

- Budgetary allocation to the agricultural sector in 2011 fell below the 2010 level in real terms by 1.6 percent, while it exceeded the 2009 allocation by only 7.1 percent.
- Budgetary allocation to the fisheries subsector in 2011 fell below the 2009 and 2010 budget levels by almost 86% and 2% respectively.

24

# **Budget Execution**

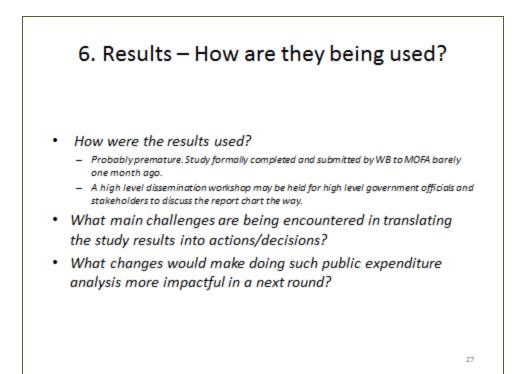
## Share of approved sector budget actually spent

- Average 2002-2011 86 percent
- Average 2005-2011 92 percent.

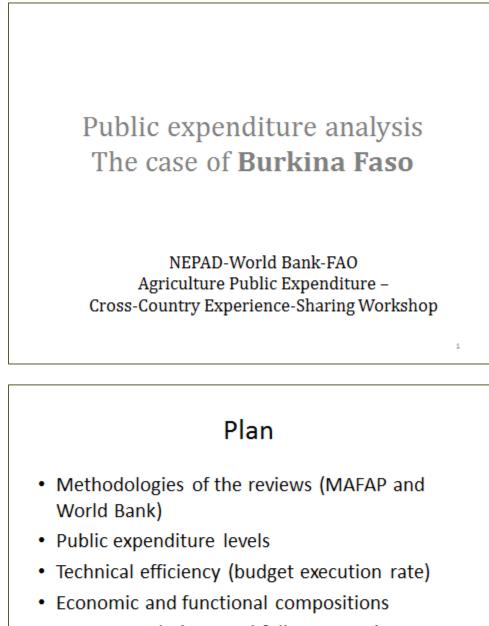
# 5. Recommendations

- Budgetary allocation to the agricultural sector must continue to increase in real terms.
- As much as possible, funds must be released in substantial amounts and on time to ensure efficient utilisation for the intended purpose.
- Budgetary allocation to the subsectors needs to be reconsidered along the lines of sub-sector performance and contribution to AgGDP.
- Budgetary allocation to line items must be balanced for all MDAs and within MDAs.
- Budgetary allocation to the agricultural sector and the corresponding MDAs must be real and reflect the expectations for effective implementation of METASIP and other sector plans.
- In view of the increased budgetary allocation to the agricultural sector and expenditure over the years, the relatively under-performance of the sector in recent years needs to be assessed through special studies such as expenditure tracking and impact assessment of selected special projects, programmes and initiatives.

26







Session 5. Country Presentation: Burkina Faso, by Mr. Taondyande

## • Recommendations and follow-up actions

# Comparison with previous PER Works

- > Both reviews built on previous works:
- Sector level:
  - DGPER/ReSAKSS West Africa; WB/PER 2009;
  - MAFAP/FAO works

#### National level:

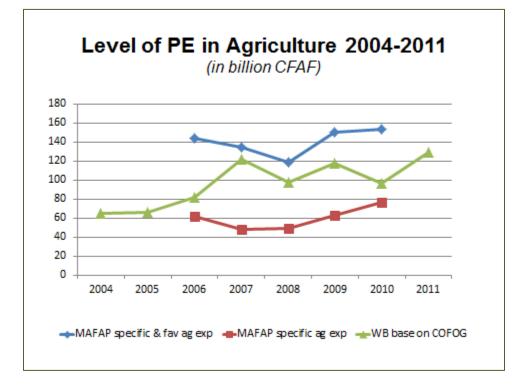
- Public Expenditure Review: Roadmap for successful decentralization and more efficient public expenditure (WB 2009)
- Measuring the performance of public expenditure management using the PEFA method (Ministry of Economy and Finance 2010).

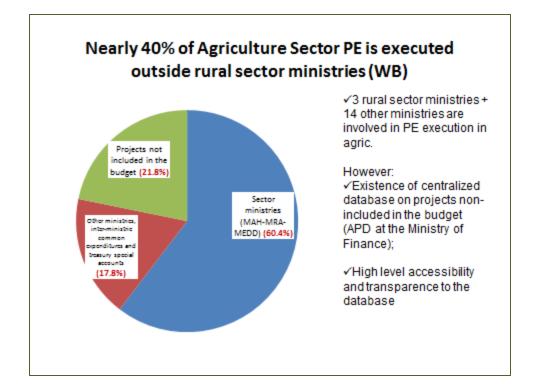
### However:

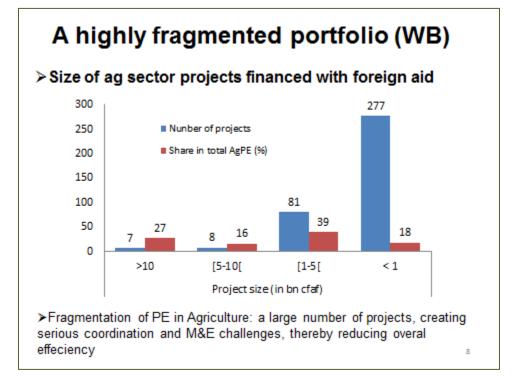
- Agriculture sector expenditures were not exhaustively covered in past reviews;
- Surestimation of the Maputo ratio by including clean water and sanitation expenditures in agriculture sector expenditures;
- Limited disaggregation of expenditures at the regional level (54%).

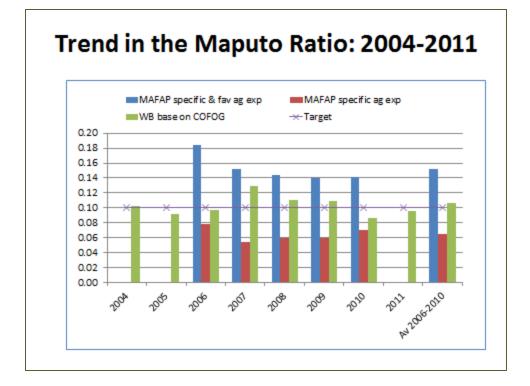
Timeline of the 2 reviews				
	World Bank	MAFAP		
Period of the review	2004-2011	2006-2010		
- Study begins	May 2012: - Setting-up of a Steering Committee (about 20 members/focal points) - Orientation for data collection and analysis	October 2011: - Constitution of a thematic group comprising focal points in participating institutions (DGPER, SP/CPSA) with FAO support - Direct involvement of staff (civil servants) in the analyses		
- Launching workshop	May 2012	October 3, 2011		
- Mid-review support missions	July-August 2012	<ul> <li>- 3 training workshops organized</li> <li>for focal points</li> <li>- Consultation workshops with Mali</li> </ul>		
- Workshopto present first results	December 2012	n.a.		
- Validation workshop	May 2013	September 2012		
- Duration	8 months	9 months 4		

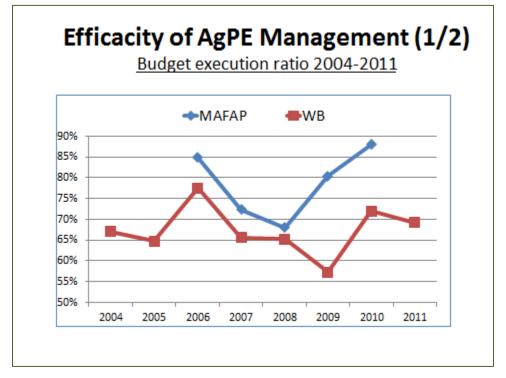
Comparison WB/MAFAF Methodologies			
	WB Public Expenditure Review	MAFAP Public Expenditure Analysis	
Objective	Ensure effective, efficient and transparent execution of public expenditures in agriculture for greater impact while ensuring alignment with national development priorities	Inform policy makers and stakeholders on the nature of expenditures, and examine the coherence between the composition and national agricultural and price policies	
Scope	<ul> <li>Expenditure monitoring: Agriculture, Livestock, Fishery, Forestry &amp; Hunting</li> <li>Based on COFOG Classification</li> </ul>	<ul> <li>Agriculture-specific expenditures (including transfers to consumers) and expenditures favorable to agriculture (heath, education, infrastructure in rural areas)</li> <li>Based on OECD classification, but compatible with COFOG</li> </ul>	
	- Period: 2004-2011	-Period: 2006-2010	
Partner	All rural sector ministries and other	Same as WB	
Institutions	ministries that executed agricultural expenditures		
Classifications	Functional classification based on:	Classification based on:	
disaggregatio n & analyses	<ul> <li>Existing disaggregation (operational, investments, sub-sectors)</li> <li>National sector objectives (PNSR in Burkina) → comparability issue with other countries.</li> <li>Specific analyses : inputs, irrigation,</li> </ul>	<ul> <li>How expenditures are executed (direct payments to producers, general support to agriculture, expenditures favorable to agricultures)</li> <li>Aid products and types (loans, grants)</li> </ul>	
	livestock, and forestry (+ ag research, rural roads and NGOs)	5	

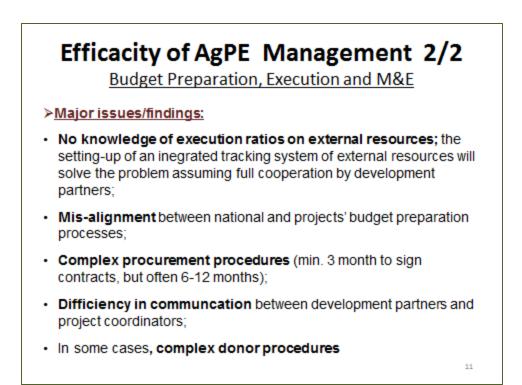


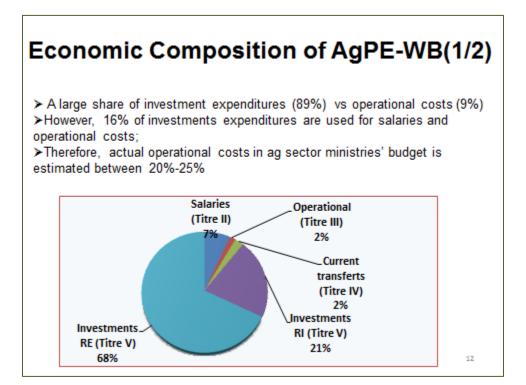


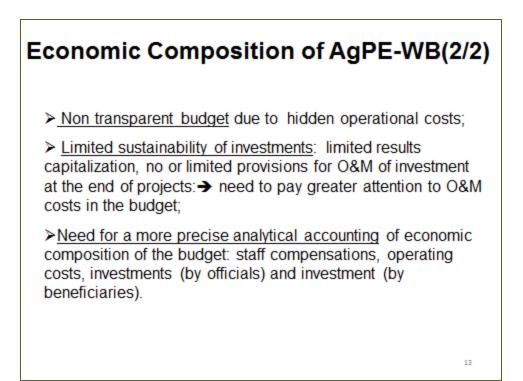


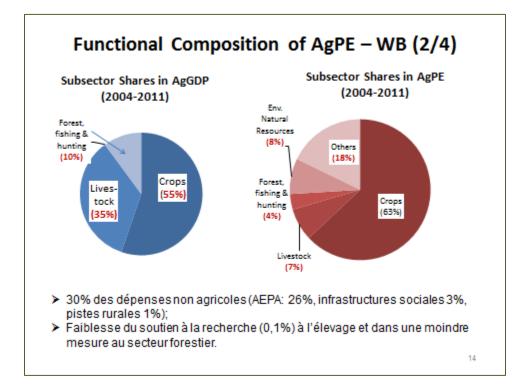


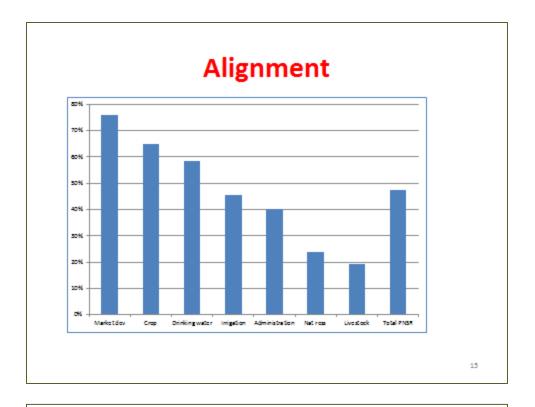


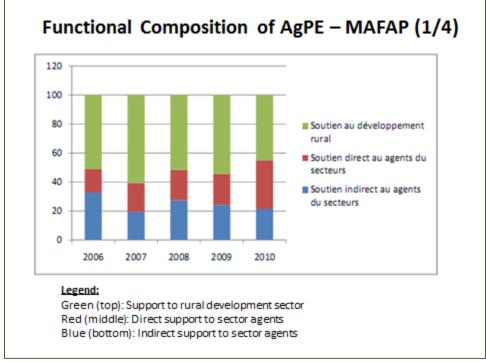


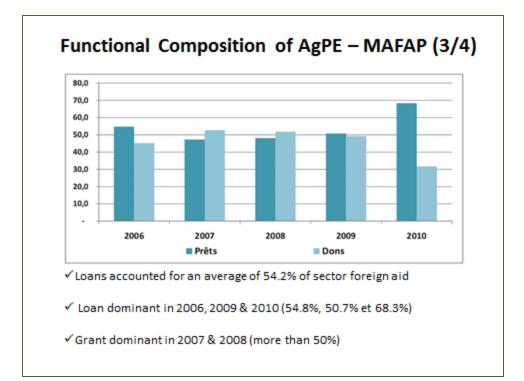












# Functional Composition of AgPE (3/4)

## Difficulties and possible solutions

>Limitations of the functional disaggregation:

Overall, weak analytical accounting;

 ✓ Inadequate MAFAP classification of the national ag sector program (PNSR)

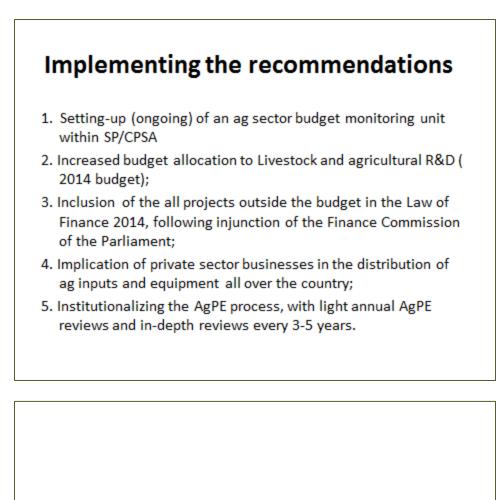
➤Possible solutions:

✓Use activity reporting from projects (tedious)

✓ A more global solution would be to define and systematically apply an analytical accounting system in the rural sector all over the country.

# <section-header><section-header><list-item><list-item><list-item><list-item><list-item>

<section-header><list-item><list-item><list-item><list-item><list-item><list-item><list-item><list-item>



# Thank you!

#### **Session 6. Discussion of Country Presentations**

The Togo team made clear that the new national agricultural policy (PNDA) that was elaborated following the AgPER was consistent with the already existing sector investment plan (PNIASA). A new policy had to be elaborated given that the period covered by the previous *Note de Politique Agricole* was coming to an end.

Some methodological points were also clarified by the Togo team. Concerning superior education institutes involved in agriculture/agronomy training, the budget of the institute in charge of training the technicians who then work directly in the agricultural sector was included in the AgPER while higher level institutions (university) were not included, in accordance with NEPAD guidelines. Expenditures to support the agro-processing subsector were included as it is directly linked to and essential for agricultural development.

The inclusion of debt service in agricultural COFOG Plus expenditure in Ghana, along with feeder roads, was noted as being exceptional and a response to a special request by Ghana's Government. It was observed that this could be double accounting as the expenditure that the loans financed were already taken into account.

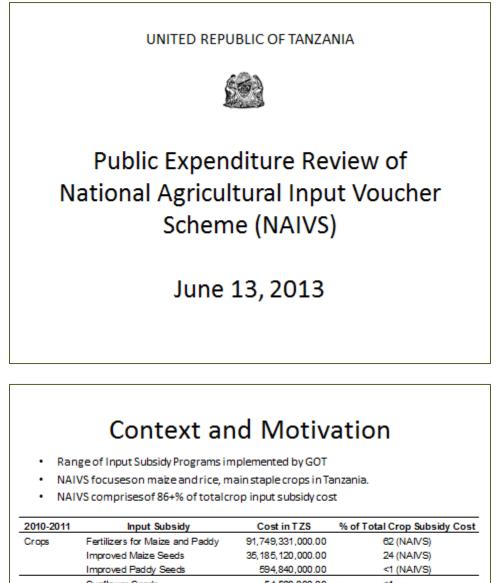
Still in Ghana, it was observed that the subsidy on fertilizers purchased by cocoa producers should not have been taken into account in the agricultural public expenditure as it is part of an arrangement between cocoa producers and the cocoa authority and comes in compensation for lower than market cocoa purchasing prices. This illustrates the difficulty encountered by some of the AgPER teams in the treatment of state enterprises operations.

In the case of Burkina Faso that has benefited of both an AgPER and a MAFAP study, the necessity to highlight consistent results and recommendations was emphasized.

Still in Burkina Faso, the high level of ownership of the AgPER by the Government, including the Ministry of Finance, was given as the main reason explaining why the Government is already engaging in implementing some of the study recommendations. High level of ownership was obtained through the formation of a committee that gave orientations to the AgPER team so that the study would respond to Government needs. In particular, the fact that the team positively responded to the committee's request to have past agricultural expenditure organized along current agricultural strategy (PNSR) budget categories was greatly appreciated, as it provides policy makers with a reference situation against which PNSR implementation can be measured. The substantial effort put on regional disaggregation was also very much appreciated as it produced completely new data. The importance of associating Parliament and development partners was also emphasized. The Parliament reacted by writing to the Government to ensure that some recommendations would be implemented (inclusion of off-budget expenditure in national accounts).

It was noted that the studies cannot come up with an optimum intra-sectoral and functional composition for agricultural expenditures but can provide policy makers with evidence on how the past and current composition compare to what was planned in strategy documents. Again, comparing the share of expenditure in favor of a subsector to that subsector's share in the AgGDP was judged possibly oversimplistic as the contribution of a subsector to the economy may go beyond its share in the AgGDP (contribution to food security, to poverty reduction, to foreign exchange earnings, etc.). A subsector may also need greater support because of its greater development potential. The need for better indicators for agricultural development (including not only output growth but also food security, poverty reduction, level of investment, etc.) was underlined.

### Session 7. Specialized Analysis: Case of Tanzania voucher program NAIVS, by Mr. Mink



	Improved Paddy Seeds	594,840,000.00	<1 (NAIVS)
	Sunflower Seeds	54,580,000.00	<1
	Sorgham Seeds	305,440,000.00	<1
	Improved Cotton Seeds	1,537,400,000.00	1
	Cotton Agrochemical	8,518,350,000.00	6
	Cashew Agrochemical	6,890,850,000.00	5
	Improved Coffee Seedling	1,800,000,000.00	1
	Improved Tea Seedling	1,800,000,000.00	1
Livestock	Veterinary Support	Data not available	Data not available
Source: Min	istry of Agriculture, Food and Coo	peratives	

### Main Questions

- Costs:
  - Analyze relationship between planned and actual expenditures
  - Trends over time and across regions
  - Number of beneficiaries
- Gains:
  - Evaluate benefits derived from NAIVS programme and measures of success
  - Production and Productivity gains
  - Food security and income gains experienced by farmers
- Cost-Benefit Analysis:
  - Value of production gains relative to investment costs
  - Sensitivity analysis to evaluate investment trade-offs
  - Alternative implementation decisions

### **Preliminary Results**

- Heterogeneity in Effects across Regions and Crops
- Maize:
  - Program most effective in Arusha, Iringa, Mbeya, Rukwa, Ruvuma
  - Program least effective in Morogoro, Kigoma
- Paddy:
  - Program most effective in Morogoro and Rukva
  - Least effective in Arusha, Kilimanjaro, Iringa, Mbeya, Ruvuma
- · Program cost-effective for Maize in most regions but not for paddy
- · Weak improvements in overall productivity in lower rainfall regions
- Graduates continue to purchase seeds and fertilizers commercially
- NAIVS improved adoption rates of improved seeds and fertilizers

## Possible Use of the Results

- Targeting/Scale
  - Poorer or middle income farmer
  - Alternative regions of the country
  - More responsive crops

#### Graduation and Sustainability

- Do graduates continue to purchase seed and fertilizer
- Challenges of agricultural credit supply for staple grains
- Sustainable commercial seed and fertilizer supply

#### Displacement

- Building sustainable input markets
- Investment by seed and fertilizer companies
- Reducing implementation costs and irregularities electronic vouchers?

### Session 7. Discussion of Specialized Analysis

Regarding Togo's agriculture sector MTEF, the team explained that the country medium-term budgetary framework they used was provided by the Ministry of Finance.

Regarding the NAIVS impact evaluation study, it was noted that although its cost could seem high at first sight (approximately USD 250,000, jointly financed by a Government, World-Bank financed project and the Bill and Melinda Gates Foundation), it only represented 0.2% of the total expenditure over the first three years of the input subsidy program, which is a minor addition to monitoring and evaluation costs. Precisions were given on the sampling methodology (2,000 households belonging to the three categories: participants, eligible not participating and not eligible) and on the project objectives (explicitly food production increase, hence targeting productive rather than subsistence smallholders).

### Session 8. Panel: Process

Panelists: Nancy Laibuni (KIPPRA Research Institute, Kenya), Ousman Tall (Ministry of Agriculture, Liberia), Daniel Ohemeng-Boateng (Ministry of Agriculture, Ghana). Facilitator: Stephen Mink (World Bank).

The Facilitator drew on the questions below to request responses from the panelists drawing on the experience of the country study with which they were involved.

### Question 1: What were the most difficult and time consuming aspects of the basic data collection?

The main points reported by the panelists are:

- Disaggregated data is scattered in many institutions. Solution to overcome this is to bring on board, from the beginning of the study, all relevant Ministries and data holders. If possible, this could be done through a working committee with representatives of each institution, to identify and fill the gaps more easily (example of Ghana).
- Socio-political turmoil affecting the quality of data from previous years.

# Question 2: Are the technical teams sufficiently involved to be able to replicate/update the analysis in subsequent rounds?

In order to replicate the study, the panelists put forward the need to build a team of trained technicians that are able to carry out the analysis independently through the years (Ghana example). The team needs to be set in an institution of which it is the mandate (statistics or other) so that is accountable. NEPAD could make public expenditure monitoring/review part of the CAADP compacts to ensure the States internalizes this function. CABRI is also a new network on PE analysis – building a network of practitioners in Africa may reduce dependency on technical assistance from Rome or Washington.

# Question 3: Did coordinating mechanisms adequately encompass the institutions covered in the scope of analysis?

No note.

# Question 4: Did the analysis become available in a timely way in relation to the annual budget process?

In Ghana, the results are embedded in the policy process of METASIP through the METASIP steering committee, and once endorsed will be used for budget preparation.

# Question 5: Was involvement of sector stakeholders adequate through workshops (launch, validation) and meetings by the studies' teams?

There are two aspects to take into consideration to involve other stakeholders On one hand, highlevel representatives from the Ministries and other institutions need to be brought on board, for instance through the National Policy Framework steering committee/agency (Ghana or Burkina example). On the other hand, it is good to present sectoral results to raise interest, for instance results for a specific value chain or a policy (input subsidies). Kenya organized a successful national consultative workshop on tea/coffee/sugar.

The balance between committed technicians and policy-makers is crucial, and this should be thought of from the onset of the study.

### Session 9. Panel: Analytical Results

Panelists: Naman Keita (Rural Economics Institute, Mali), Isaac Shinyekwa (Research Institute, Uganda), Kofi Treku (Togo), Yapo Dagou (Ministry of Agriculture, Côte d'Ivoire). Facilitator: Jesus Barreiro-Hurlé (FAO, MAFAP)

The Facilitator drew on the questions below to request responses from the panelists drawing on the experience of the country study with which they were involved.

## Question 1: Are sector strategies sufficiently detailed so as to allow you to identify whether the public expenditure is aligned with these priorities?

Globally, the panelists made the point that policy strategies were sufficiently well defined to assess policy coherence between public expenditure and national objectives. This makes it all the more interesting to analyze public expenditure. However, policy priorities can shift due to a troubled socio-political context (Ivory Coast for instance) and public expenditure should also be analyzed in the light of these "emergency" policy objectives.

# Question 2: How convincing were the results based on the data you had obtained to guide policy processes?

The panelists did not question the fact that results were convincing and it seems their validity was recognized. Therefore, they triggered debate on three main points:

- Share of expenditure going to certain commodities compared to their weight in the agricultural production or importance for food security triggered intensive debate and lobbying from NGOS, FOs... (Ivory Cost, Uganda, Mali)
- Geographical and level of government allocation of expenditure was surprising and triggered debate (Ivory Coast, Togo)
- How the State did with regards to the Maputo target.

So, "it is not just how much you spend but also what and where"

### Question 3: What results in the analysis appeared to raise the most interest amongst other stakeholders?

All the panelists mentioned the same result: the Maputo target. Policy makers and stakeholders debated on the methodology used to obtain the Maputo target result:

- Close or far to Maputo target and why? Some surprising result (very low in Ivory Coast... quite high in Mali)
- Scope of expenditure going to agriculture taken into account in the calculation: rural development (or COFOG +) or not? The Ministry of Agriculture prefers not to: if the country is below Maputo target, it makes for easier advocacy to obtain funds from the Ministry of Finance. The Ministry of Finance prefers the opposite.
- Inclusion of recurrent versus investment and donor versus national. Certain people argue that donor expenditure should not be taken into account, (i.e. Mali were a large amount of donor money was pulled out after 2010) or that recurrent should not be taken into account.

### Question 4: Do you feel your findings can lead you to formulate strong recommendations?

All panelists formulated strong recommendations:

#### Process

- Increasing funding to Ministry of Agriculture (Ivory Coast)
- Better financial system: data collection, budget planning, coordination between Ministries (Ivory Coast);
- Increasing releases (actual versus) budget (Uganda)
- More capacity for staff in Ministry of Agriculture and more staff (Togo)

#### Composition

- Better targeting to commodities with relation to their importance in the economy and with more coherence with price policies (Mali, Uganda)
- Re-balance the sub-sectoral composition: mechanization, input subsidies...(Togo)

### **Open questions from the room (main points)**

1. Regional equality of expenditure in Togo and Ivory Coast : inequality is normal, every region have their own importance in the country's economy

Answer from panelists: This is true, but in Ivory Coast the surprise came from the fact that the nongovernmental zone (rebel) received the biggest share of money from the government. In Togo, the disparity was that the funds were mainly going to the region where the State central services are , and that more decentralization, not just deconcentration of offices, is needed.

2. Should one focus on actual or budget expenditure?

Answer from panelists: actuals were always used. It also allows assessing efficiency.

3. The study needs to involve from the onset the Planning and Finance Ministry. This is needed to have the best data.

Answer from panelists: They were included in most countries.

### **Session 10. Panel: Achieving Impact**

Panelists: Kofi Nouvé (Burkina Faso – World Bank consultant), Diop (Sénégal), Ourou-Bodi Tchassanti (Togo). Note: several non-panelists were asked to contribute by the facilitator. Facilitator: Simon Kisira (NEPAD NPCA)

The Facilitator drew on the questions below to request responses from the panelists drawing on the experience of the country study with which they were involved. Other country representatives were also engaged in the questions.

### Question 1: Which of the recommendations from the Togo study have policy-makers put in place?

- Recognition of the importance of agriculture in the economy.
- More resources to the Ministry of Agriculture.
- Consideration on increasing funding to research.
- Consideration of increased decentralization of funds.

### Question 2: In South Africa, how were the results of the study taken into account at central and provincial level?

- Realization from policy makers involved that institutional arrangement for decentralized budget are too complex.
- Greater will that the expenditure at provincial level matches with the policy objectives at national level.

# Question 3: In Burkina Faso, what decisions policy makers took based on the results, and what is the process to implement them?

- Debate in the Ministry on how to take off-budget expenditure into account.
- Thinking on having a better balance of resources to sectors based on their importance in the economy (i.e. livestock).
- Quality of public expenditure.
- Process: Implication of the Parliament, so the Ministry is now accountable to the Parliament on recommendations taken.

### Question 5: In Chad, how can recommendations be implemented and used by policy makers?

Policy-makers have their own agenda. They may or may not accept recommendations. Not given for granted: political economy is also important.

## Question 6: In Senegal, how to ensure that the policy makers take the recommendations into account?

• Report recently finalized. Validation workshop needed.

- The process is to go through the planning units, which have been involved in the study and will take recommendations into account.
- But the study gives the same results as a previous study (GASFP), so some recommendations (i.e. input subsidies) already taken into account.

### Question 7: In Ghana, how were various stakeholders involved to ensure buy-in of recommendations?

Project steering committee involving MPs, Finance Ministry, many stakeholders... Getting final comments on the report from them and then will disseminate results with their endorsement.

# Question 8: In Togo, how were results made accessible intellectually and physical for all stakeholders, from to level to grassroots?

- Working group with several Ministries, meetings with Parliament to share results.
- Workshop to present results with the producers' organizations invited. "Lobbying" to have them taken into account in the budget 2014.
- Launch a MTEF in MinAg since the study was made generates interests from other Ministries now.

### Question 9: "In Lesotho, what foras work to disseminate results?"

Farmer organizations, district-level associations: avenue to disseminate results at grassroots level. Umbrella NGOs too.

### Question 10: In Senegal, what is the role of civil society in the process in your country?

The National Investment Plan for Agriculture (PNIA) has put in place a good structure to disseminate results:

- Planning units
- PNIA committee (civil society, academia, ministries...)
- Pilot committee (technical advisors from ministerial cabinets)

# Question 11: In Burkina Faso, to what extent has the Ministry of Burkina Faso taken the lead in policy dialogue based on the results?

- Too many ministries (4) need of a coordination agency for agricultural policies.
- The Permanent Secretary to coordinate sectoral policies (SP/CPSA) acts in that sense and disseminates results to all Ministries involved in agricultural policies.
- But the worry is that the dissemination may stop at persons in the various committees of SP/CPSA but does not go deeply in their institution. Need follow-up.

### Question 12: In Kenya, how have recommendations made through the Agricultural sector Coordinating Unit go beyond the people involved in this policy arena?

A structure called ASCU coordinates the issues on agriculture from all Ministries and deal with them.

### Question 13: In Nigeria, how was the Ministry of Agriculture put in the lead of the process?

- Minister of Agriculture that is on the driving seat, committed
- Agriculture seen as a commercial activity.

• Need to ensure this energy is sustained institutionally after the Minister leaves.

# Question 14: "If the public expenditure review is done again, what should be done differently to ensure that it is very well used?"

- Monitor and evaluate how recommendations of the 1<sup>st</sup> study have been addressed before doing the 2<sup>nd</sup> study.
- Need of a pilot committee and orientation committee involving relevant stakeholders from the beginning. Need policy makers involved from the onset of the study.

### Question 15: How does COMESA, as a REC, see itself supporting the countries to do this?

Acting as a platform to bringing practitioners and policy makers together, mobilize technical resources and build peer learning and lessons sharing.

### Question 16: Togo, how can key decisions be taken into account in the budgeting?

- Forum put in place, for farmers to share their concerns with policy leaders.
- Creation of a Technical Pilot Committee of the PNISA for endorsement of results, then sent to a Strategic Pilot Committee bringing together Ministers.
- Use of an orientation review every year to define new budgetary orientations. Results from the study will be used for this orientation.

### Sessions 14 and 15. Synthesis and Closing Remarks

In his closing remarks, Mr. Stephen Mink, the World Bank Task Team Leader of the AgPE program, reminded participants that one of the key objectives of the workshop was to "keep the ball rolling". Against this metric and judging by the interest and enthusiasm generated throughout the two-day workshop, the overall assessment was that the workshop reached its stated objectives. To name a few results, the meeting the meeting was successful in getting the discussions going (i) among countries teams and consultants, (ii) on the AgPE tools, and (iii) on experience sharing between countries.

Mr. Mink's remarks underscored ten (10) key messages that have emerged from the workshop, and which are summarized below:

- 1. There was a clear agreement among meeting participants that there is a **need for a lighter model for the basic AgPE study**, which can be routinely and independently conducted by country teams. The methodology for this type of model needs to be tested and worked out in collaboration with countries;
- 2. There was a commonly perceived need for **creating a community of practitioners**, so as to continue the process of learning and exchanging between countries;
- 3. The rich set of experience available among countries participating in the AgPE studies creates an opportunity to **use exchange visits to facilitate cross learning**;
- 4. **Sustainability of the AgPE work is critical**, and there was a general agreement that there is a need to (i) put in place a pool of technical expertise; (ii) bring this expertise to a cutting-edge professional level through targeted capacity reinforcement, and (iii) facilitate countries' access to this pool of expertise;

- 5. **Building partnerships**—with IFPRI, ReSAKSS and other institutions—and continuing partnership with MAFAP will be critical in carrying this program forward and in continuing to make it relevant for countries' needs.
- 6. Two encouraging trends have emerged from workshop discussions: first, there was a vibrant **stakeholders' participation** in the planning and validation of AgPE studies, facilitated through active effort by the study teams in engaging these stakeholders in the AgPE process; second, there are **emerging evidence that the AgPE process is having initial impacts**, and some the studies' conclusions and recommendations has echoed favorably in policy decision-making circles in some countries.
- 7. Despite these initial impacts, however, it was made clear from discussions that the debates among participants disproportionately focused on "quantity", i.e. the type, level and composition of public expenditures in agriculture. To a large extent, discussions have been missing on expenditures "quality", i.e. their process and cost efficiencies. Consequently, it was agreed that **the quality agenda needs to receive greater attention.**
- 8. Discussions on the various AgPE analytical tools and concepts indicate that some of the tools need to be further clarified, improved, or simply dropped. For example, one could question the relevance of the comparison between subsectors' AgGDP share and their AgPE shares. The fundamental question for the work ahead is **how best to linked expenditures to outcomes?**
- 9. Moving ahead, additional work may be useful in articulating the rich complementarities between the AgPE approach used by the World Bank on the one hand, and the MAFAP approach supported by the FAO on the other hand. In essence, the scope of the MAFAP appears to be larger than AgPE scope, the latter being defined by COFOG classification. The inquiry could focus on questions such as: (i) Is the scope of AgPE under COFOG adequate? (ii) How can some of the powerful presentations or analyses using the MAFAP approach be mainstreamed in the AgPE approach? Overall, it is important for countries to understand that both tools are not competing but rather complementary; therefore countries should pick the right tool given the needs.
- 10. Finally, irrespective to the tool used, all participants emphasized the **need for quality data**. In that vein, capturing off-budget expenditures is a critical challenge that needs to be addressed as countries work toward institutionalizing AgPE activities.

The representative from FAO, Mr. Christian Derlagen, on behalf of the MAFAP team reinforced the ten key messages shared by Mr. Mink. In particular, he reiterated the following six messages:

- 1. Compared to MAFAP's price analysis work, which appears to have generated greater interest from stakeholders over the past two years, one is tempted to question the relevance the huge amount of work that has gone into the AgPE studies. The success of the workshop has squarely demonstrated that this doubt is unfounded, and the emerging impacts of the AgPE process clearly show that **the relevance of the AgPE programs is unquestionable**;
- 2. The MAFAP program is at the end of its first phase, and the workshop is very timely with respect to **the preparation of the second phase**, which could scale up what has worked, and revise what have not, and add what have been missed during the first phase;
- The collective experience from countries shows that access to data is difficult. Looking ahead, it would be useful to focus some of the activities on how to make data access more flexible, particularly in regards to specific data disaggregation. There is a need to move toward a common data handling methodology, so as to allow comparability over time (in the same country) and across space (between countries);
- 4. **Involving all stakeholders in the AgPE process is critical** to ownership and follow-up impacts. Data is nothing without interpretation, and interactions with stakeholders help put more meaning into the data;

- 5. Capacity building at all levels must be ensured for ownership and sustainability.
- 6. For greater impact, link of the AgPE process with the CAADP process must **build on existing** Steering Committees and M&E systems.

In addition to the concluding remarks by the World Bank and FAO, and before the closing remarks by NEPAD, two countries representatives have shared their thoughts on the workshop, and more broadly on the two AgPE programs. Representing Francophone countries, the representative from Togo, **Mr. Nasser Tchassanti**, thanked meeting organizers and participants, the World Bank, FAO and NEPAD as well as AgPE consultants and the B&M Gates Foundation for their technical and financial supports. He emphasized that on behalf of his colleagues, the main takeaway message was a call for actions. These actions should focus on continuing learning through regular exchanges among countries and on immediate implementation of recommendations from studies through the preparation and close monitoring of agreed follow-up actions.

Speaking on behalf of Anglophone countries, the representative from South Africa, Mr. Jacob Hlatshwayo, also expressed deep recognition for meetings organizers and participants, as well to supporting institutions and AgPE experts, for making the event such as success, and for their various support to countries. He emphasized the importance of knowledge and experience sharing among countries: drawing on the wisdom of an Africa proverb, he concluded by saying that "If you want to go fast, go alone; if you want to go far, go with others".

The final closing remarks were made by the representative of NEPAD, Mr. Simon Kisira. After thanking all participants, Mr. Kisira drew the meeting to closing while re-emphasizing the following six key messages, which are also an invitation for actions:

- 1. Continue providing opportunities for learning exchanges;
- 2. Establish a community of practitioners;
- 3. Focus on quantity is good; but **focus of quality is even better** (in reference to the types, level and composition of AgPE on the one hand, and to the cost/process efficiency of AgPE on the other);
- 4. Provide improved guidelines for AgPE through technical assistance and financial support;
- 5. **Political economy matters**; if AgPE studies are to lead to durable impacts on processes and outcomes;
- 6. Ensure greater coordination by **institutionalizing and mainstreaming AgPE studies** into joint sector reviews, joint accountability reviews and other joint, multiple stakeholders, dialogue platforms.

Mr. Kisira concluded by renewing NEPAD's readiness to support incoming countries as they engage themselves into the process of preparing AgPE studies.

### Annex 1: Workshop Participants List AgPE WORKSHOP - PARTICIPANTS LIST

LAST NAME	FIRST NAME(S)	ORGANISATION	TITLE	COUNTRY	EMAIL	TELEPHONE
AMPADU	Richard Ameyaw	STEPRI/CSIR	MAFAP Team Leader	Ghana	r.ampadu@yahoo.com	233 545 664 007
ASSIONGBON	Ekoue	World Bank	Consultant	Тодо	ekassiongbon85@yahoo.fr	221 901 06176
ВАҮ	Fatima	Ministry of Agriculture	Policy Analyst	Mozambique	fatimabibibay@yahoo.com	258 828 493280
BELACHEW	Zewdu	Ministry of Finance & Economic Devel- opment	Expert	Ethiopia	zwede fel@yahoo.com	251 911 459 399
BELLO	Afusat	Fed. Ministry of Agriculture		Nigeria	jokybello@gmail.com	234 803 918 6333
BENIN	Samuel	IFPRI	Research Fellow		s.benin@cgiar.org	1 530 400 3756
BOATENG-SIRIBOE	Adelaide	World Bank	Consultant	Ghana	absiriboe@yahoo.co.uk	233 244 380 037
BONGELI	Botikala	Ministry Budget DRC	CAADP Country Team	DRC	bongelibo@yahoo.fr	081 907 2945
CUMBE	Celia	Ministry of Agriculture	Director	Mozambique	cumbeceliaema@yahoo.com.br	258 82 52 23564
DAGOU	Үаро	Ministry of Animal Resource	Director	Cote d'Ivoire	dagouyapo@yahoo.fr	225 075 49803
DERLAGEN	Christian	FAO	Policy Analyst		christian.derlagen@fao.org	39 06 570 53608
DIARRA	Daba	Minister of Finance Mali	Inspector Finance	Mali	daba.diarra@yahoo.fr	76 27 24 72
DIENYA	Tom	Ministry of Agriculture	Food Security Officer	Kenya	tm.dienya@gmail.com	254 720 873 855
DIOP	Sokhna Mbaye	Ministry of Agriculture/DAPS	CAADP Focal Point	Senegal	soxou19@gmail.com	221 77 651 2043
DOTHI	William	COMESA Secretariat	CAADP M&E Expert		wdothi@comesa.int	260 974 068 230
EFFA	Dorothy	MOFA, Ghana	SAO	Ghana	daeffa@gmail.com	233 277 016 062
FRANCIS LEKU	Azenaku	MINADER Cameroon	Director	Cameroon	francislekuazenaku@ymail.com	237 776 06713
GHARTEY	James	World Bank	Consultant	Ghana	profghartey@yahoo.com	233 24 324 591
GICHERU	Samuel	Ministry of Agriculture	Economist	Kenya	samuel_gicheru@yahoo.com	254 722 632 610
GITUNDU	Samuel	Ministry of Agriculture	Agriculturist	Kenya	muhiugitundu@gmail.com	254 727 890 431
GNAMETCHO	Kojou	Ministry of Finance	Division Chief	Тодо	gnamnes@yahoo.fr	228 9001 0602
HAILEGIORGIS	Dawit	Ministry of Agriculture	Planning, M&E Expert	Ethiopia	dawitsetegny@yahoo.com	251 910 495 664
HLATSHWAYO	Jacob	DAFF	CFO	South Africa	jacobH@daff.gov.za	27 12 319 6638
HOURTICQ	Joël	World Bank	Consultant	Тодо	joel.hourticg@gmail.com	

КАМА	Berte	World Bank	Consultant	Cote d'Ivoire	bertekama@yahoo.fr	225 077 711 99
ΚΑΤΙΚΟ	Fikiri	Ministry of Agriculture	Economist	Tanzania	fmkatiko@gmail.com	0713 865 052
KEGORILOE	Cordelia	NEPAD Agency	Personal Assistant		cordeliak@nepad.oeg	27 11 256 3618
KEITA	Naman	Institut d'Economie Rurale		Mali	namankeita@yahoo.fr	223 76 16 82 53
KHADIDJA	Abdelkader	Ministry of Agriculture and Irrigation	CAADP Focal Point	Chad	khadidjaabdelkader@yahoo.fr	235 662 93269
KINGONZI	Nkambwa	Ministry of Agriculture DRC	CAADP Country Team	DRC	kingonziking2000@yahoo.fr	243 815 087 142
KISIRA	Simon	NEPAD Agency	M&E Officer		simonk2@nepad.org	27 11 256 3600
KIZWALO	Evangeline	Ministry of Agriculture	Principal Economist	Tanzania	ekizwalo@yahoo.co.uk	255 754 471 302
KOUASSI	Adjoua Jeannine	Ministry of Agriculture	Planning Officer	Cote d'Ivoire	Kajeachrist@yahoo.fr	255 076 35 168
KOUASSI	Mofoué Sonia	Ministry of Agriculture	Planning Officer	Cote d'Ivoire	mofouesonia@yahoo.fr	225 0572 3838
LAIBUNI	Nancy	Kenya Institute Public Policy, Research and Analysis	Policy Analyst	Kenya	nlaibuni@kippra.or.ke	254 249 36261
LEGESSE	Ermias	Ministry of Agriculture	Planning Expert	Ethiopia	ermias legass@yahoo.com	0911 174 732
MABJAIA	Emilio	Ministry of Agriculture	Technician	Mozambique	emathelane@yahoo.com.br	258 84 57 12331
MAKABANYANE	Itumeleng	DAFF S. Africa	Director	South Africa	winstom@daff.gov.za	27 72 755 6331
MAS APARISI	Alban	FAO	Policy Analyst		alban.masaparisi@fao.org	39 33 121 614 47
MASHINDANO	Oswald	Department of Economics, UDSM	Lecturer & Researcher	Tanzania	omashindano@esvf.or.tz	255 717 090 067
MINK	Stephen	World Bank	Lead Economist		smink@worldbank.org	202 458 5458
MODO	Lesedi	Ministry of Agriculture	Principal Economist	Botswana	Idmodoe@gov.bw; Idmo- doe@yahoo.com	267 713 882 59
MOHALE	Mathapelo	Ministry of Agriculture	Ass. Economic Planner	Lesotho	mletsepe@yahoo.com	266 6302 3143
ΜΟΚΙΤΙΜΙ	None	Ministry of Agriculture	Consultant	Lesotho	nonemokitimi@yahoo.com	266 588 83315
MOREL	Niels	World Bank	Consultant	Тодо	nielsmorel@gmail.com	1 301 275 9478
MOTLHAKO	Mokwadi	Ministry of Agriculture	Economist	Botswana	mmotlhako@gov.bw	368 9027
MWENECHANYA	Mbosonge	COMESA Secretariat	CAADP Facilitator		mbosonge@hotmail.com	260 974 192 764
SAREVA	Mwinjuma	Ministry of Agriculture	Economist	Tanzania	sarevamm2004@yahoo.co.uk	0754 865 087
NANGTOURBAYE	Tonmadjal	Ministry of Finance	Director Budget	Chad	nongtour@yahoo.fr	235 6631 0780
NDOBENI	Unathi	Department of Agriculture	Chief Director, Financial Management	South Africa	unathin@daff.gov.za	27 12 319 7061
NOUBADOUMADJI	Emery	Ministry of Economy and Planning	Economist	Chad	noubemery@yahoo.fr	235 66 41 89 41
NOUVE	Kofi	World Bank	Ag Economist		knouve@worldbank.org	226 5049 630
NWAFOR	Manson	IITA RESAKSS	Policy Analyst		m.nwafor@cgiar.org	234 80 68 07 2401

ΝΨΟΚΟ	Chinedum	World Bank/Policy Associates	Consultant	Nigeria	chinedumnwoko@gmail.com	234 803 963 9210
OHEMENG-BOATENG	Daniel	Ministry of Agriculture	Deputy Director	Ghana	ohemengboateng@yahoo.com	244 211 007
ORLOWSKI	Dieter		Consultant	Liberia	do@ximungo.net	49 171 369 6440
OUEDRAOGO	Ismael	World Bank	Consultant	Cote d'Ivoire	jsouedraogo@yahoo.com	
OWUSU-SEKYERE	Joshua	University of Cape Coast Ghana	Vice Dean	Ghana	jaydosus@yahoo.com	233 246 630 513
PASCAL	Нарру					
SABI	Serge	Ministry of Agriculture DRC	Point Focal CAADP	DRC	sabiserge@yahoo.fr	243 998 947 195
SADE	Patrice	World Bank	Program Assistant		psade@worldbank.org	1 202 458 0718
SALA SALA	Theodore	MINADER Cameroon	Director	Cameroon	salasalatheodore@yahoo.fr	237 773 03113
SECK	Alassane	Ministry of Agriculture	Analyst	Senegal	alassaneseck2000@yahoo.fr	221 775 782 517
SEFEFO	Khoabane	Ministry of Agriculture	Economist	Lesotho	khoabanesefefo@ymail.com	266 763 594 559
SENTALA	Thokozani	Ministry of Agriculture, Malawi	Economist	Malawi	thokozanisentala@yahoo.com	0999 382431
SHINYEKWA	Isaac	Economic Policy Research	Research Fellow	Uganda	ishinyekwa@eprc.or.ug	256 772 640 415
SOW	Papa Amadou	Ministry of Fisheries, Senegal	Monitoring Officer	Senegal	pamadou72@yahoo.fr	774 588 211
TALL	Ousman	Ministry of Agriculture	Assistant Minister	Liberia	ostall@yahoo.com	231 886 517 202
TAONDYANDE	Maurice	World Bank	Consultant	Burkina Faso	taond@yahoo.fr	226 7066 7884
TARR	Byron	World Bank/Development Consultants	Consultant	Liberia	byrontarr@hotmail.com	231 886 536 531
TCHASSANTI	Ouro-Bodi	Ministry of Agriculture	Director, Finance	Тодо	nassertchassanti@yahoo.fr	228 9005 8037
TEOUABA	Felix	MINADER Cameroon	CAADP Secretary	Cameroon	fteouaba@yahoo.com	237 9404 0513
TREKU	Koffi	Ministry of Agriculture	Chief Division	Тодо	pstreku@yahoo.fr	228 9011 1123
VAN-SEGBEFIA	Allan	Ministry of Finance, Ghana	Economic Officer	Ghana	asegbefia@mofep.gov.gh	233 542 123 687
WILTSHIRE	Wendy	World Bank	Consultant		wiltshire.wendy@gmail.com	
WONYENE	Harry	Ministry of Agriculture	Director	Liberia	harrystays@yahoo.com	231 886 573 318
ZACCHAEUS	Akerejola	Ministry of Agriculture Nigeria		Nigeria	zakerejola@rocketmail.com	234 805 715 9663
ZORYA	Sergyi	World Bank	Senior Economist		szorya@wb.org	

### Annex 2: Breakout Groups for Discussion of Process, Analytical Results, and Achieving Impact

#### 1.A Groupe processus - Francophone

1.B Process group - Anglophone

SALA SALA KHADIJA DAGOU SABI SOW TCHASSANTI DIARRA MINK, Facilitator MODO HAILEGORGIS OWUSU-SEKYERE SEFEFO GITUNDU WONYENE SENTALA BELLO MAKABANYANE KATIKO LAIBUNI VAN SEGBEFIA AMPADU DOTHI **NWAFOR** DERLAGEN, Facilitator

#### 2.A Groupe résultats et analyse - Francophone

TEOUABA NOUBADOUMADJI KOUASSI Sonia KINGONZI DIOP TCHEDRE KEITA KAMA MAS APARISI, Facilitator

#### 3.A Groupe impact - Francophone

LEKU NANGTOURBAYE KOUASSI Jeanine BONGELI TREKU SECK MOREL ASSIONGBON NOUVÉ HOURTICQ, Facilitator

#### 2.B Analysis and results group - Anglophone

BELACHEW EFFA GICHERU MOKITIMI MABJAIA CHINADUM NDOBENI MWINJUMA SHINYEKWA GHARTEY TAONDYANDE OUEDRAOGO ORLOWSKI BENIN BARREIRO-HURLÉ, Facilitator

#### 3.B Impact group - Anglophone

MOLTHAKO LEGESSE OHEMENG-BOATENG DIENYA MOHALE TALL CUMBE ZACCHAEUS HLATSHWAYO KIZWALO BOATENG-SIRIBOE TARR MASHINDANO MWENECHANYA ZORYA, Facilitator