

EGERTON



UNIVERSITY

**TEGEMEO INSTITUTE OF AGRICULTURAL
POLICY AND DEVELOPMENT**

Transforming Agriculture for Inclusive Growth & Sustainable Livelihoods

Conference Overview and Objectives

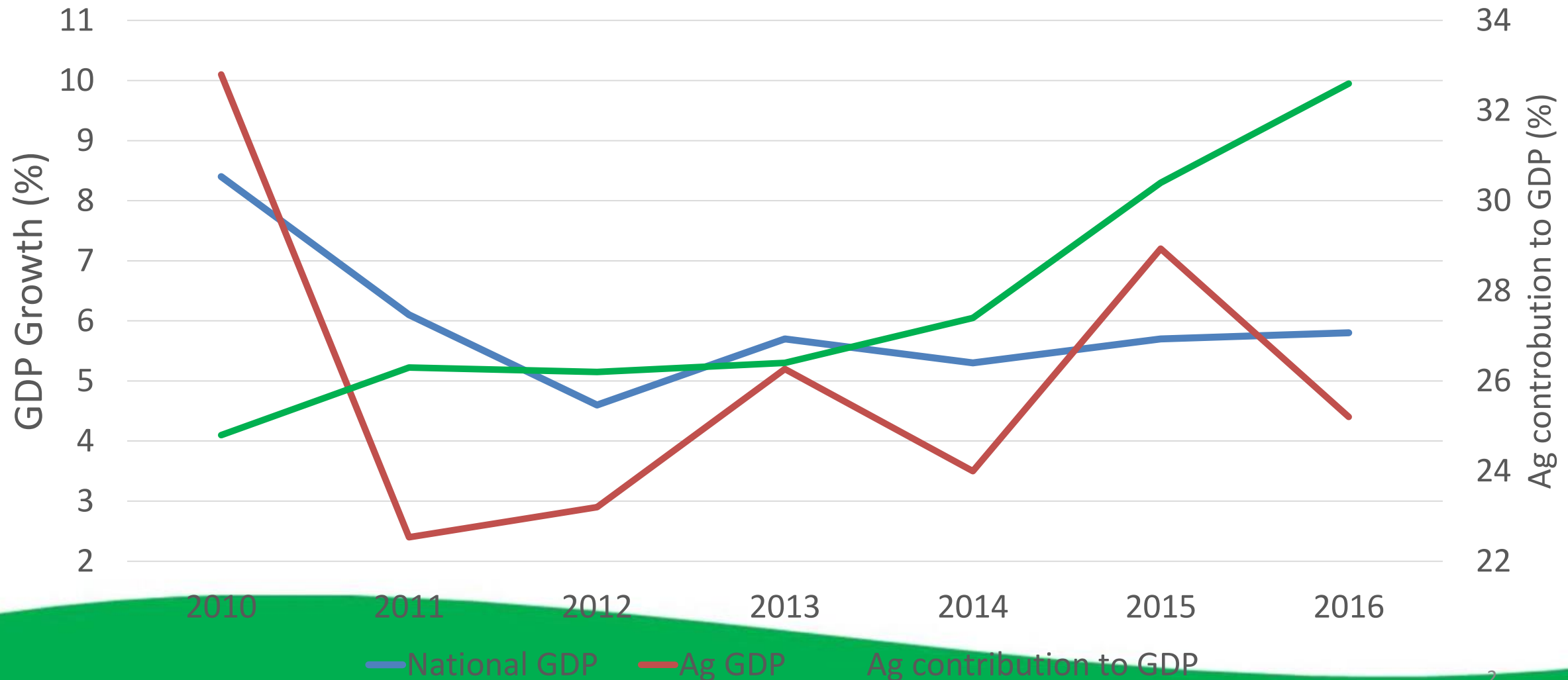
Miltone Ayieko

Tegemeo Conference 2017:

Transforming Agriculture for Inclusive Growth & Sustainable Livelihoods
Kenya Institute of Curriculum Development , Nairobi

Introduction

Importance of Agriculture to the Kenyan Economy



Introduction.../2

- As a key component of the economic pillar of the Kenya Vision 2030,
 - The sector is a key driver of economic growth
- This can only be achieved if the Visions objectives are realized
 - Agricultural transformation for increased productivity & value
 - Highly commercial
 - Export oriented
- However, the sector has faced challenges
 - Growth not inclusive – Women, youth, vulnerable populations left behind
 - Ag transformation not yet a reality for many smallholder farmers

Key Challenges experienced in the Ag sector

- Low productivity
- Declining soil quality
- Crop pests and diseases
- Weak linkages btw research-extension-farmers
- Low technology uptake
- credit
- Low market participation
- Declining land sizes
- Limited access to water for irrigation
- Climate change

Tegemeo continues to do research to address some of these challenges & inform on policy direction

Tegemeo Institute

- Tegemeo Institute is a Policy research Institute under Division of R&E of Egerton University
 - Established through Egerton University's Statutes under the University Act, 2012 (no. 42 of 2012).
 - Policy research and analysis since 1990
 - Leading Centre in agricultural policy research
 - Reservoir of knowledge on rural livelihoods
 - Large network of collaborators/partners

Mandate

To conduct policy research and disseminate the findings in an objective manner

Vision

A people forever free from hunger and poverty

Mission

To conduct pro-active policy research and advocacy that enhance food security, create wealth and sustain the environment

Values

- ✓ *Commitment to quality*
- ✓ *Integrity, transparency and accountability*
- ✓ *Teamwork*
- ✓ *Empowerment*
- ✓ *Consultation*

Tegemeo Institute's Main Activities

Research: To generate and promote evidence-based research to inform and influence policy direction on Kenya's agricultural and rural sectors.

Outreach – work with policy makers and other stakeholders to identify appropriate policy options

Monitoring and Evaluation: to monitor changes in the Ag sector and assess impacts of alternative policies for Government, development partners and other stakeholders

Capacity Building: seek to build capacity in data collection and management and policy analysis for public sector and other stakeholders

Research Activities

- Studies to inform reform agenda (Early 90's)
- Sub-sector studies (maize, tea, coffee, dairy, pyrethrum, horticulture)
- Regional Studies – competitiveness (maize, wheat, rice)
- Value Chain Analysis - maize, horticulture
- Food Security studies - consumption patterns, affordability of foods in urban areas
- Poverty studies
- Climate change

Broader questions for this conference

- How can the agricultural sector achieve this transformation?
 - Is the transformative agenda inclusive? How are women & youth affected?
- What type of support is required to achieve transformation?
 - Which groups, populations require this support?
- How is devolution of functions to County governments shaping the transformation agenda?
- How can we sustainably achieve transformation? What is required? What are the key challenges?

Government interventions....

- To address these challenges and transform smallholder agriculture, the government has launched a number of interventions
 - Input subsidy programs
 - Large scale Irrigation e.g. Galana-Kulalu scheme
 - Social protection
 - Innovations e.g. the e-Extension programme, mechanisation
 - Land reforms & policy

Tegemeo Data: TAPRA 1 Panel

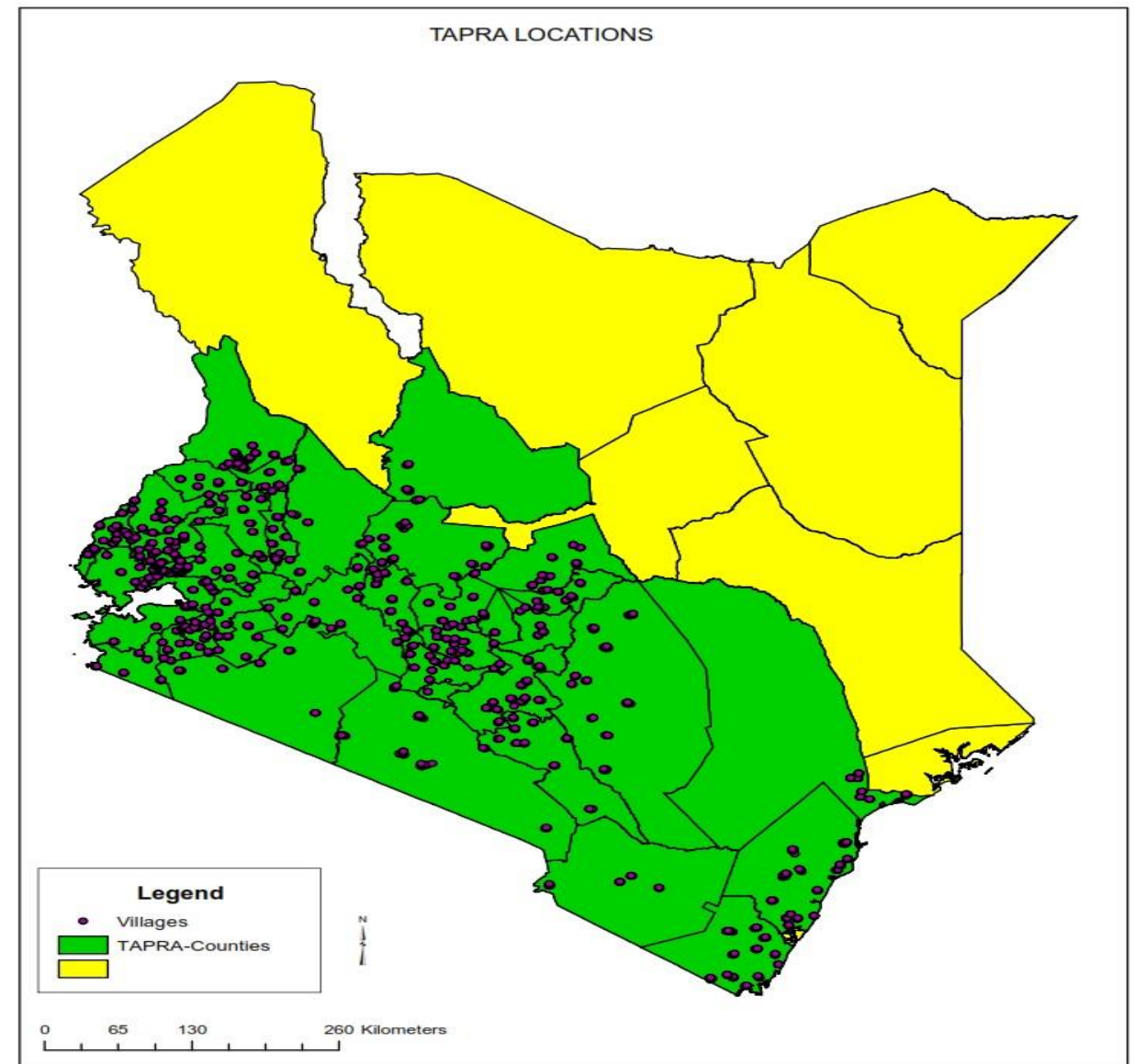
Cropping Year	No of Respondents
1999/00	1,428
2003/04	1,324
2006/07	1,275
2009/10	1,245

Tegemeo Panel Sample

Agro-regional zones	Counties/Districts	No. of households
Coastal lowlands	Kilifi, Kwale	74
High potential maize areas	Bungoma, Kakamega, Bomet, Nakuru, Narok, Trans-Nzoia and Uasin-gishu	331
Western lowlands	Kisumu and Siaya	149
Central Highlands	Meru, Nyeri and Muranga	241
Marginal Rain shadow	Laikipia	34
Western transitional	Bungoma (Kanduyi), Kakamega (Kabras/ Mumias)	145
Eastern lowlands	TaitaTaveta, Kitui, Machakos and Makueni	141
Western Highlands	Kisii and Vihiga	128
		1,243

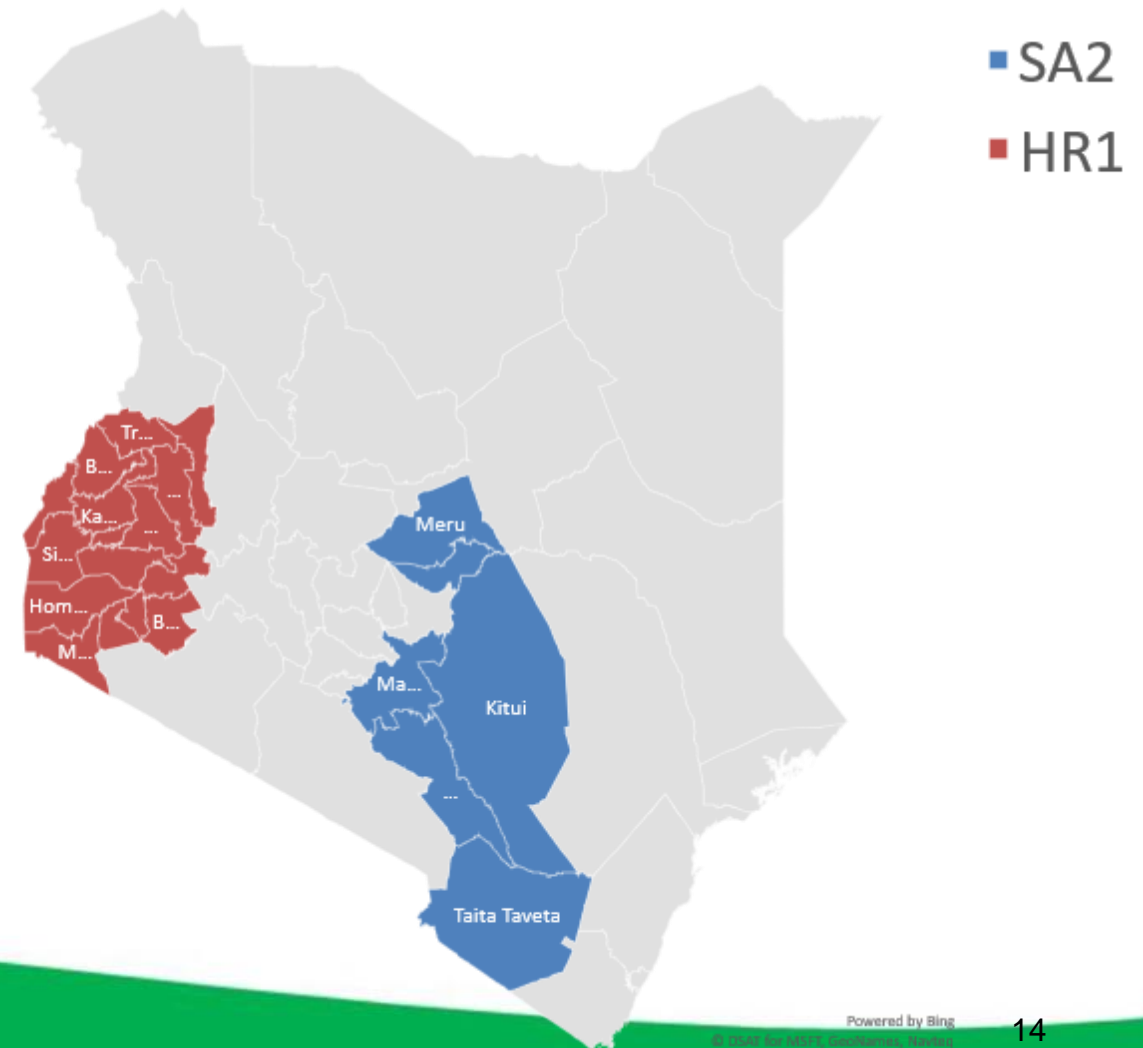
TAPRA II Panel

AEZ	No. of HH
Coastal Lowlands	609
Lower Highlands	1,125
Lower Midland (1-2)	921
Lower Midlands (3-6)	1,082
Upper Highlands	698
Upper Midlands(0-1)	854
Upper Midlands (2-6)	1,223



Population Based Surveys

Zone	No. of HH	
	2013	2015
High Rainfall Areas	1,875	1,175
Semi Arid Areas	750	1,650
TOTAL	2,625	2,825



Conference objectives

- Present our research findings to stakeholders and experts
 - Elicit debate & feed back from the participants
- Lay some background for a wider discussion on policy options/interventions
 - Transform smallholder agriculture
 - Effectively address poverty & wealth creation
 - Address food & nutrition security challenges

Tegemeo conference 2017

- Core theme : ***“Transforming Agriculture for Inclusive Growth and Sustainable Livelihoods”***
- Sub-themes
 - **Agricultural transformation under Devolution**
 - **Transformation and sustainable production systems**
 - **Productivity & Input use**
 - **Sustainable Livelihoods and Inclusivity in Agriculture**
 - **Consumption and Welfare**

Conference program

	Day 1 December 5th 2017	Day 2 December 6th 2017
Morning Session	Session I: Opening	Session V: Recap of Day 1
	Session II: Keynote Address: Agricultural transformation under Devolution	Session VI: Sustainable Livelihoods and Inclusivity in Agriculture
	Session III: Transformation and sustainable production systems	Session VII: Consumption and Welfare Session VIII: Panel Discussion
Lunch Break		Lunch break and departure
Afternoon Session	Session IV: Productivity & Input use	

Acknowledgements

- On behalf of Tegemeo/MSU team, support from various organization and institutions are recognized
 - USAID for the support of the TAPRA program under which this research work falls. More specifically for their support in the collection of the rich panel data and maintenance of the same
 - Egerton University
 - Bill & Melinda Gates Foundation
 - Rockefeller Foundation
 - Government of Kenya
 - Universities
 - Private sector
 - Research organizations
 - Farmers & other stakeholders
- **Most of all appreciation to you all for availing yourself today**

*We are looking forward to a very enlightening,
stimulating and productive discussion today....so
don't go away!*

Thank you