

MSU in Mozambique: Support to Policy Analysis and Agricultural Research



Presentation to the Launch meeting for the
*Platform for Agricultural Research and Innovation
for Mozambique*

Gilead Mlay, Cynthia Donovan, and Raul Pitoro
19 April 2010 IIAM, Maputo

MINAG
IIAM DE

MICHIGAN STATE
UNIVERSITY



Evolution of MSU activities in Mozambique with USAID

- **1990-97: Transition from emergency assistance to development**
 - Create and Agricultural Market Information System (SIMA)
 - Design and implement household surveys and special studies on smallholder agriculture, as well as rural markets and their performance
- **1998-2004: Evidence-based policy analysis**
 - Create a unit for policy analysis within MINAG
 - Develop capacity for rural household income and production survey implementation
- **2004- present: Challenge of low agricultural productivity**
 - Develop capacity for socio-economic studies at IIAM, including value chain approaches
 - Strengthen the linkages between technology, policy and markets

MSU Project with USAID: Strengthening Mozambican Capacity to Harness Technology, Markets & Policies for Accelerated Productivity Growth & Poverty Reduction (2004-10)

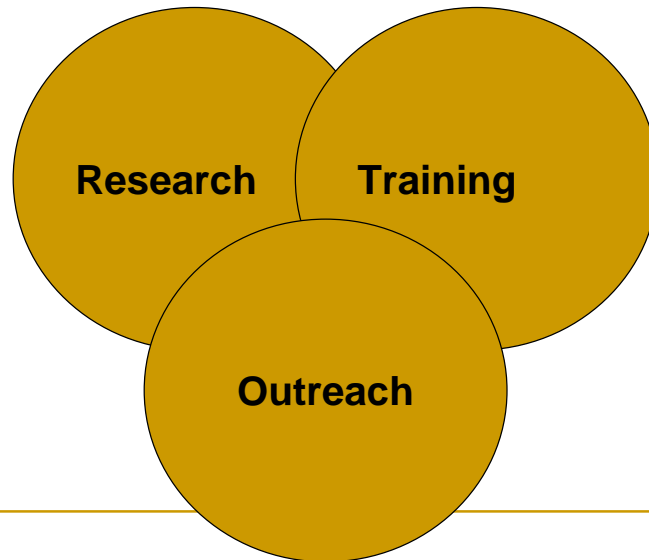
- Strengthen the capacity of IIAM to identify and disseminate profitable agricultural technologies,
 - Increase the supply and demand for the results of policy analysis concerning current topics in agricultural development
 - Strengthen the institutional capacity to produce and disseminate agricultural statistics (TIA surveys) and agricultural market information (SIMA)
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Principal partners

- Directorate of Economics (DE) of MINAG
 - Department of Statistics (TIA and SIMA)
 - Department of Policy Analysis
 - Mozambican Institute of Agricultural Research (Instituto de Investigação Agrária de Moçambique, IIAM)
 - Center for Socio-economic Studies (CESE)
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Approach to Capacity Building

Joint Products Models

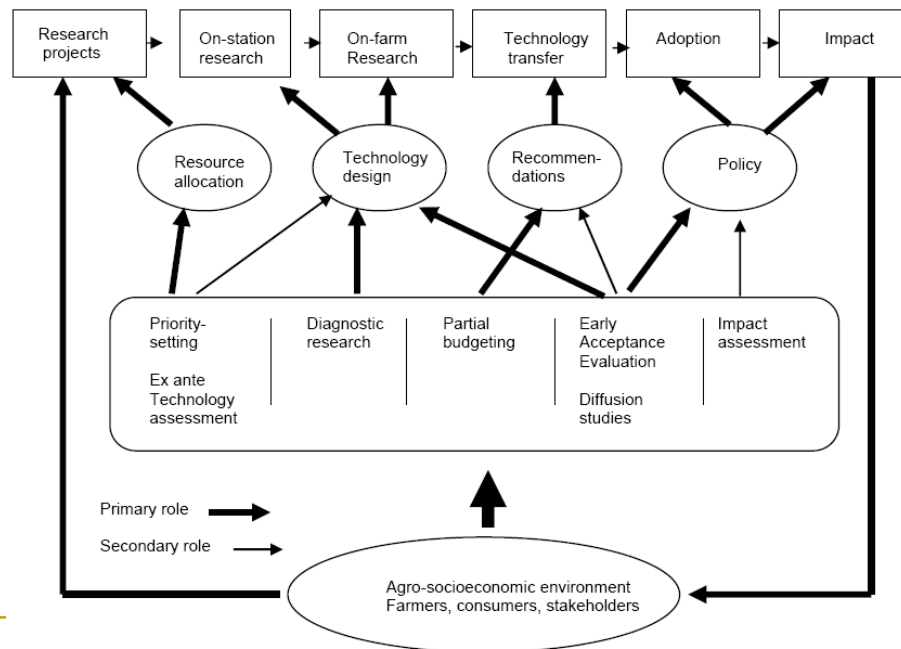


Socio-economic capacity in IIAM: CESE

- Contracting and training of young professionals
- Creation of CESE
- Integration of social scientists in the Zonal Centers



Role of Social Scientists in the development and transfer of technologies



Alguns trabalhos feitos baseado na figura anterior

- [Prospects for BT Cotton In Mozambique](#)
- Analysis of Adoption of Orange-Fleshed Sweet Potatoes: The Case Study of Gaza Province in Mozambique
- [Priority Setting for Public-Sector Agricultural Research in Mozambique with the National Agricultural Survey Data](#)
- [Economic Impact on Food Security of Varietal Tolerance to Cassava Brown Streak Disease in Coastal Mozambique](#)
- Investment Plan for the Period 2007-2011

Work Plan for 2009/10

1. Research

- Subsector and value chain analysis for maize, cassava, rice, and horticultural crops
 - Profitability analysis for selected agricultural technologies for cashew, maize, cotton, rice, and cassava
 - Impact evaluation of market information
 - Market integration- maize markets
 - Adoption and adaptation of Conservation Agriculture (with minimum tillage)
 - Evaluation of the potential contribution of livestock in poverty reduction
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2. Human resource development in MINAG & IIAM

- Training of staff of SIMA & DAP in agricultural price and market analysis
 - Training of staff of DE & CESE in statistical packages and applied statistics
 - Training of staff of IIAM in participatory research methods
 - Training of staff of DE in food systems and policy analysis
 - MS training in agricultural economics (IIAM)
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Strengthening Institutional Capacity in IIAM and MINAG

- Modernization of SIMA: ICTs and provincial SIMAs, new products (inputs, horticultural products)
 - Contribute to the preparation of the Agricultural Strategic Plan (PEDSA) and IIAM's Strategic Plan
 - Contribute to the development of the CAADP process in Mozambique
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Expected Results

- Research
 - Research reports and policy briefs
 - Crop budgets and recommended practices validated to guide agricultural research as well as policy decisions
 - Training
 - Trained technical staff of DE & IIAM
 - Institutional capacity building
 - Dynamic market information system
 - Improved ability to respond to demand for empirical analysis
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Possible vision for the future

- Continue to strengthen capacity in IIAM and MINAG
 - Climate change
 - Bio-security
 - Technology transfer
 - Impact assessment
 - Evaluation of adoption of agricultural technologies
 - Apoiar no treinamento de curto e longo prazos
 - IIAM, MINAG, UEM
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Other Projects of MSU in Mozambique

- MCC/MCA: Farmer Income Support Project (FISP) in Coconut zones
 - Baseline survey on farmer incomes, productivity
 - MCC/MCA Land Law Implementation and Land Tenure project
 - Impact assessment, with baseline and follow-up surveys
 - GISAMA (Gates Foundation) Regional Staple Food Markets
 - Maize, Cassava, and Horticultural marketing
 - MIS
 - Dry Bean Pulse Collaborative Research Support Program (CRSP)
 - Value chain research on common beans and cowpeas
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Thanks



Sources for information

- Mozambique USAID Project: <http://www.aec.msu.edu/fs2/mozambique/index.htm>
 - GISAMA: <http://www.aec.msu.edu/fs2/gisama/index.htm>
 - MCA Mozambique: <http://www.mca.gov.mz/en/>
 - Pulse CRSP: <http://pulsecrsp.anr.msu.edu/>
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