



INTERNATIONAL FOOD
POLICY RESEARCH INSTITUTE
sustainable solutions for ending hunger and poverty

Modeling Workshop on Biofuels and Food Security

Welcome and Introduction to Workshop

IFPRI, Washington DC, October 28th 2009

Workshop Objectives

- Revisit the project timeline & milestones
- Review progress and insights from country studies
- Compare experiences with other country studies
- Discuss policy implications of our field observations and modeling results
- Discuss further improvements needed for data and modeling – including the new components we're adding on land use and yield potential
- Set priorities for the remainder of 2009 and prepare for activities that will take place in 2010

Overview of key project components

- Three-year project duration
- Start at the global level, improve and refine the modeling tools used to build scenarios of energy and agricultural growth – link IMPACT and GTAP-based global CGE model
- Agronomic yield estimates will be built into the global modeling framework – to better understand the limits and potential for productivity growth of key feedstock crops (maize, sugarcane, cassava, etc.)

Major project components

- Country-case studies will
 - illustrate energy and food production/consumption patterns and national-level policies towards biofuels
 - link household data to national-level models and to global scenarios – to allow us to trace pathways of impact from global to local-level welfare
- Will evaluate technology options at country-level and policy options to mitigate impacts of national and global-level biofuels growth – to derive the necessary investments to improve technology and strengthen the agricultural sector

Workshop Program

- Discuss global-level issues in global
 - Discuss latest results and extensions of GTAP modeling
 - Discuss production/management experiences of biofuels that apply to all cases & think about **technology**
- Discuss case study country experiences & results
 - Overview of policies in Senegal, Mozambique & India
 - Discussion of modeling results & progress in all 3
- Discuss other country studies and compare
- Linkages b/w agronomic and policy models
- Review outreach activities, tasks & timeline

Moving Forward

At the end of the workshop, we can...

- Finish writing up country-level insights we've learned – and start seriously on the scenarios
- Start planning for the linkages between global and country-level models
- Evaluate the progress of our work relative to other ongoing efforts to look at biofuels and impacts
- Share what we've already learned about the pathways of impact through the website
- Start thinking about the outreach we will do in 2010

Welcome !!

