



Socioeconomic Impact Evaluation
Topics, Methods and ongoing work


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 www.ciat.cgiar.org
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Outline

- Introduction: CIAT – DAPA
- Impact Evaluation Unit: Objective and current conditions
- Ongoing work
- LACbiosafety project

 *Agricultura Eco-Eficiente para Reducir la Pobreza*



**INTERNATIONAL FOR
CENTER TROPICAL
AGRICULTURE**


Mission: To reduce hunger and poverty, and improve human health in the tropics through research aimed at increasing the eco-efficiency of agriculture.



(CGIAR)



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Agro biodiversity research

Beans

Cassava

Tropical Forages

Rice (LAC)


Climate Change and Capacity Strengthening

Decision and Policy Analysis (DAPA)

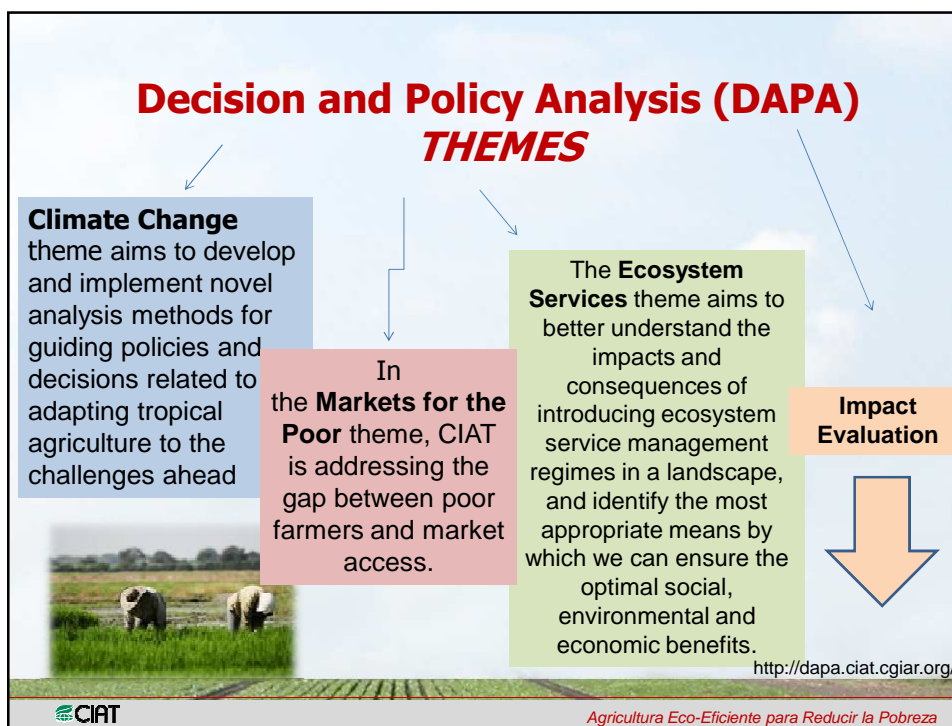
Tropical Fruits

Capacitation

GENETIC RESOURCES



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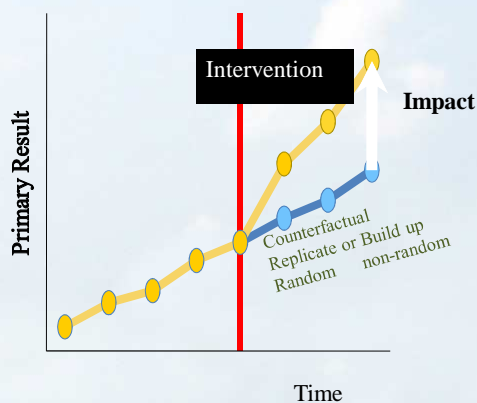
IMPACT EVALUATION (IE)

- ✓ **Our vision:** We strongly believe in the power of information for making better decisions about agricultural and natural resource investment, from the farm – to the global- level.
- ✓ **Our *modus operandi*:** converting data to information to policy and decision insights
- ✓ **Demand-driven** by other CIAT programs and partners need in the World (specially in LAC)

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Impact Evaluation (IE)

✓ **The objective** is the **assessment** (*ex ante* / *ex post*) for targeting, documenting and increasing the effectiveness of research and development



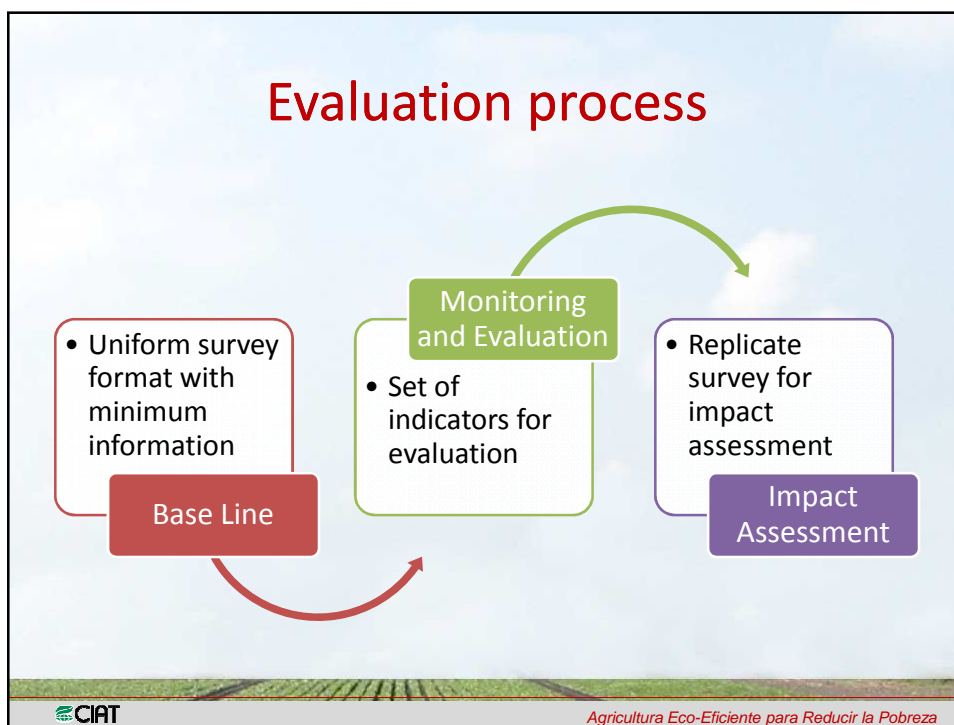
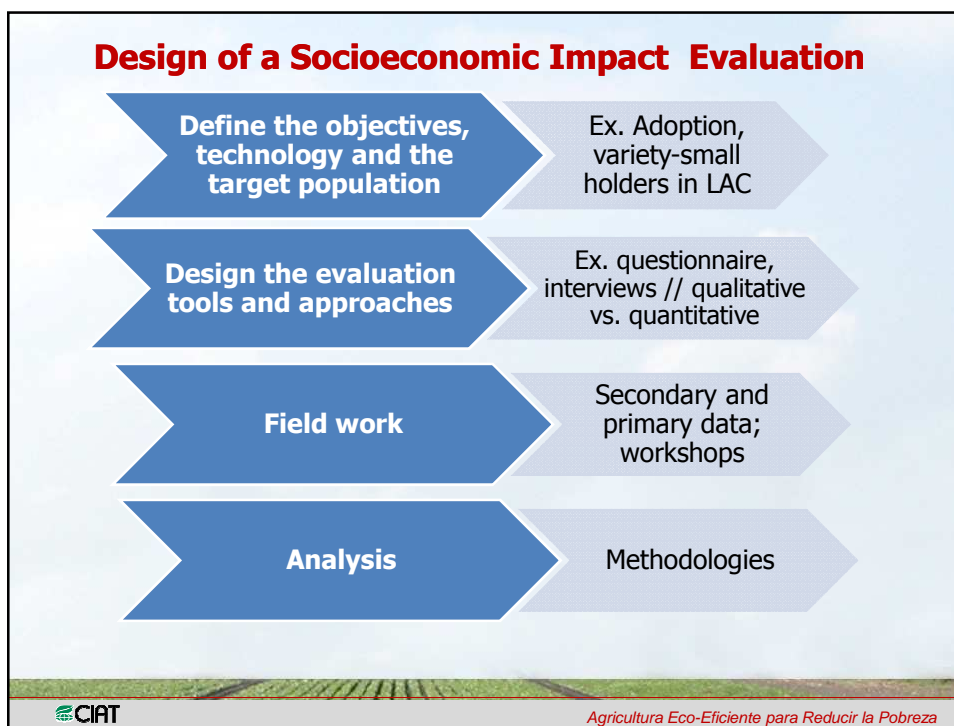
IMPACT EVALUATION

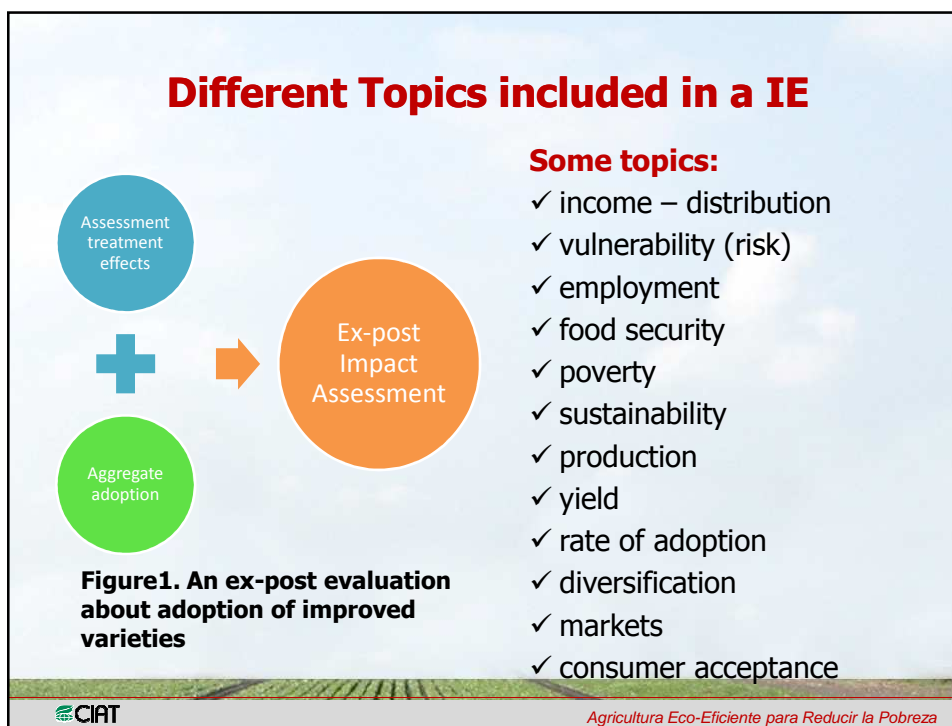
Impact targeting: Where and how we should do research to have a development impact.

Impact assessment: Quantifying and communicating the impact of a project/institution



*Large-scale, multicountry, and beyond adoption
(consumer and industrial sector)*





Some projects

- Defining impact of improved bean varieties in Sub-Saharan Africa; rice varieties in Latin America and improved cassava varieties in South-east Asia.
- Consumer Acceptance of Second Generation GM Foods: The Case of Biofortified Cassava in the Northeast of Brazil

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Ongoing work

- Evaluation on CAFÉ practices
 - Assessing the benefits for smallholders due to fare price and associations
- Economic analysis on Boarder Coffee
 - Establishing base line, monitoring and indicators and assessing impact
- Ex-ante analysis of cassava
 - Assessing producer and consumer surplus of using transgenic cassava



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LACBiosafety Project


Latin America: Multi-country Capacity Building for Compliance with the Cartagena Protocol on Biosafety Project (GEF-WB)



(Brazil, Colombia, Costa Rica, Peru)





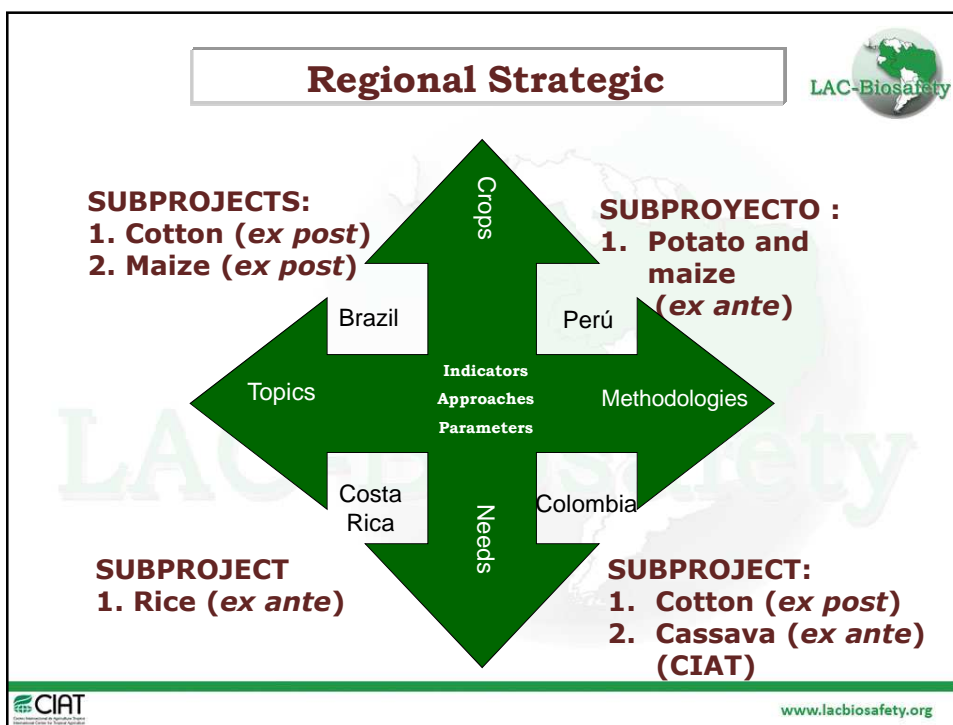


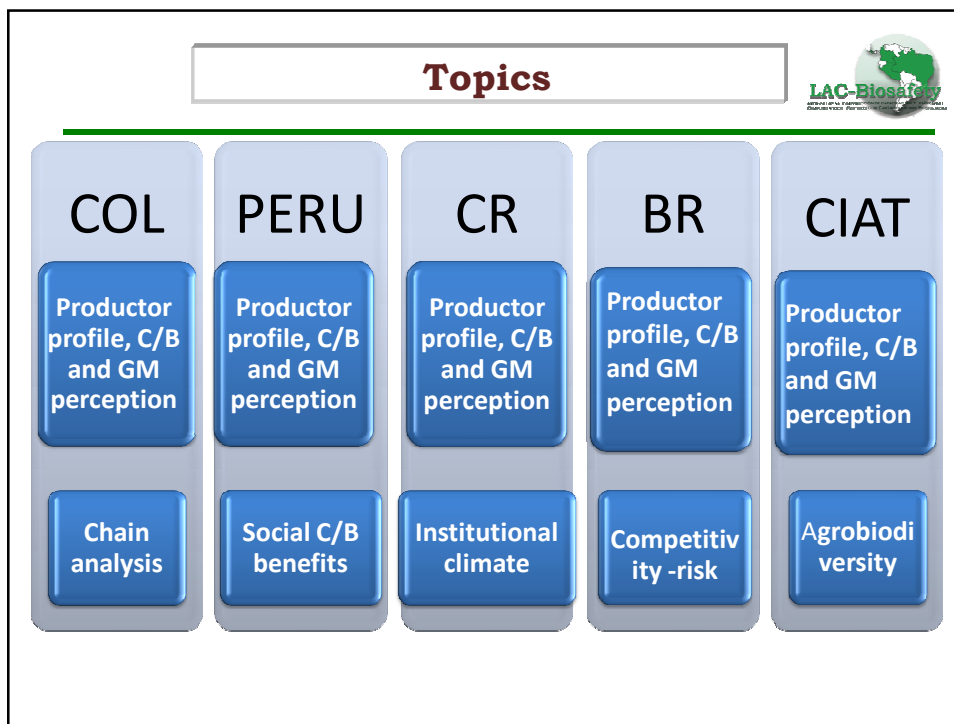
OBJECTIVE

To improve understanding of the socio-economic impacts associated with the use of transgenic crops in tropical Latin America and to improve the capacity of countries in the region to carry out assessments of the effects of LMOs.


How?


1. Strengthening of technical capacity for socio-economic impact assessment:
 - a. Adaptation of methods and tools for socioeconomic impact assessment of LMOs in the tropics: *Methodologies for conventional agricultural technologies*
 - b. Development of analytical skills for analysis of potential socio-economic impacts of LMOs in centers of crop diversity: *especially those involving environmental impacts or consumer acceptance issues*





Some results

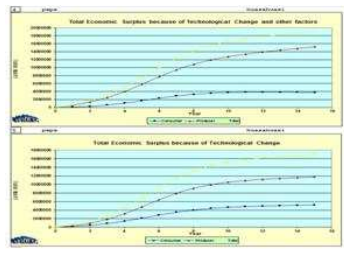




Net Mapping – Cotton Chain (ex post) (Colombia)

Informe "Seed" Systems and the Management of Gene Flow in Traditional Agroecosystems: The Case of Cassava in Cauca, Colombia.
George A. Diaz, Carlos Escobar, & Diana Carolina Lopez

1. The New Biotech System: Cargill/Cholula, Colombia (2011-2012), email: gpedra@cholula.com.co
2. Cargill/Cholula Biotech System: Universidad Cauca for Tropical Agriculture (2011), Universidad Cauca, Cauca, Colombia, email: gpedra@cholula.com.co
3. The Biotech System: Universidad Cauca for Tropical Agriculture (2011), A.B. 8711, Cauca, Colombia, email: gpedra@cholula.com.co
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C/B surplus analysis maize and potato (ex ante) (Peru)

Analysis of Informal "Seed" Systems and the Management of Gene Flow in Traditional Agroecosystems: The Case of Cassava in Cauca, Colombia

