



# IICA's technical cooperation and support to agricultural research

XVI Annual Meeting, Board of Directors  
***Cooperative Program in Agricultural Research and  
Technology for the Northern Region***  
26-27 February, 2015  
San José, Costa Rica

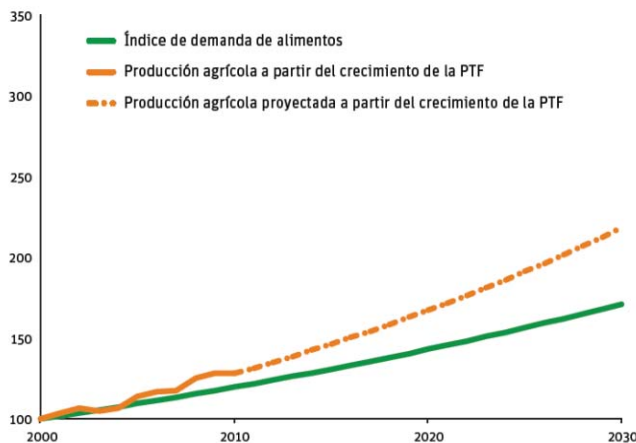


# Outline

- Agriculture of LAC and the Americas
- IICA's MTP 2014-2018 and its technical cooperation model
- IICA's support to agricultural research
- The PROCIs
- FORAGRO

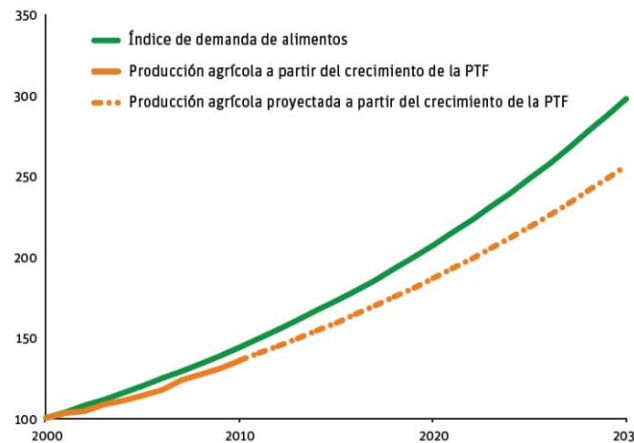
# LAC, a food basket for the world?

## AMÉRICA LATINA Y EL CARIBE



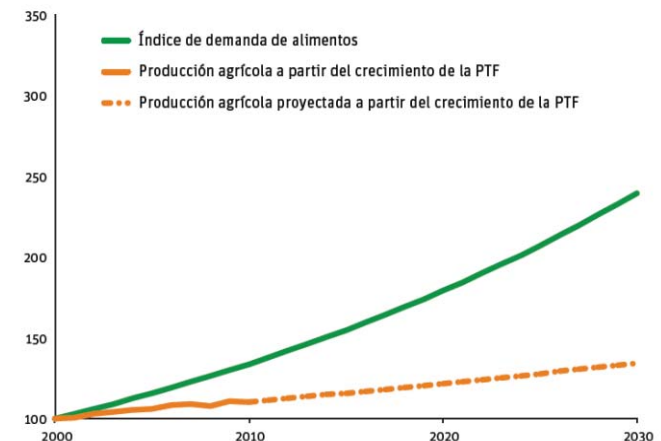
**166%** de la demanda total se puede satisfacer manteniendo la actual tasa de crecimiento de la PTF.

## ASIA ORIENTAL



**79%** de la demanda total se puede satisfacer manteniendo la actual tasa de crecimiento de la PTF.

## ÁFRICA SUBSAHARIANA

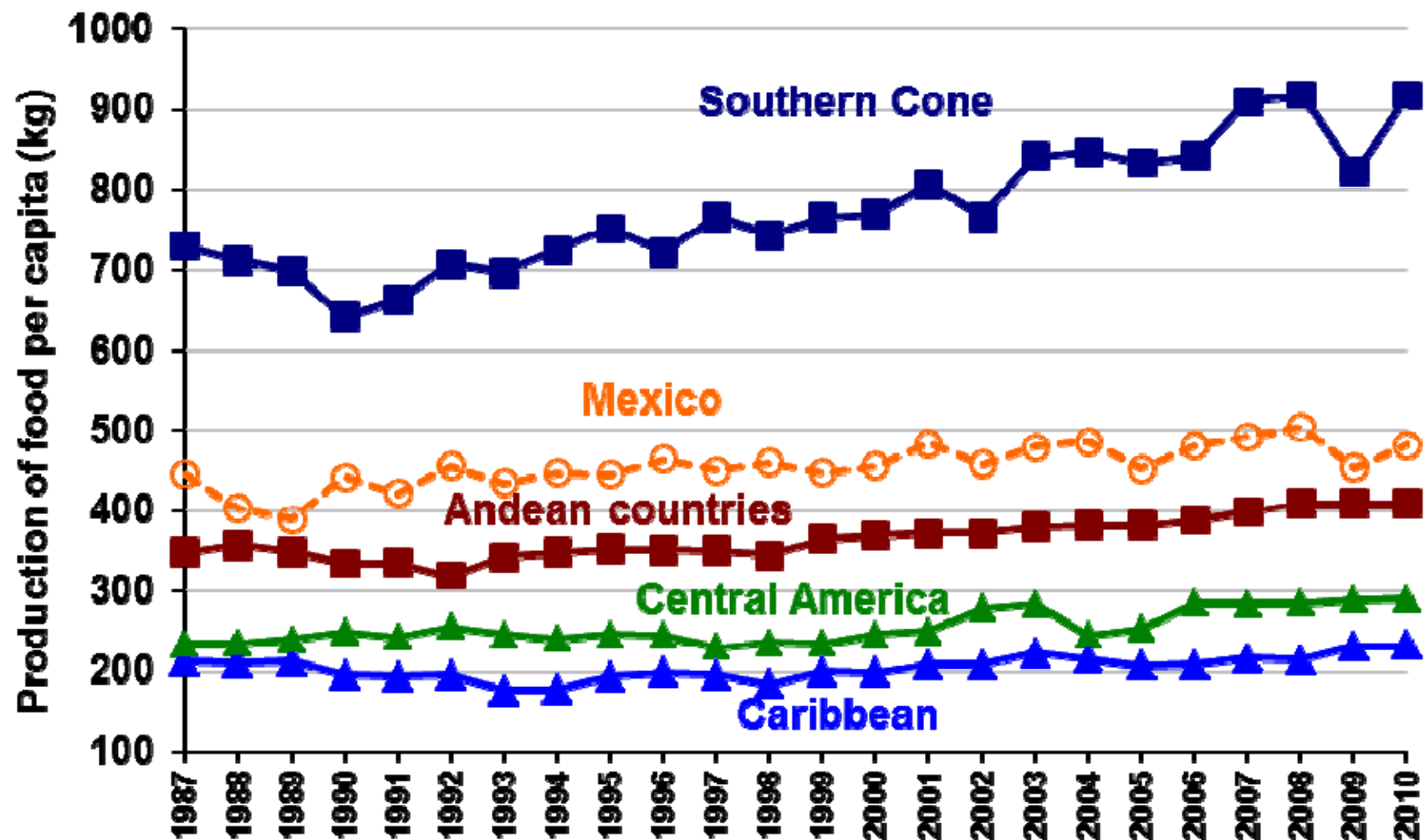


**25%** de la demanda total se puede satisfacer manteniendo la actual tasa de crecimiento de la PTF.

## Total factor productivity and the potential of LAC as a global food basket

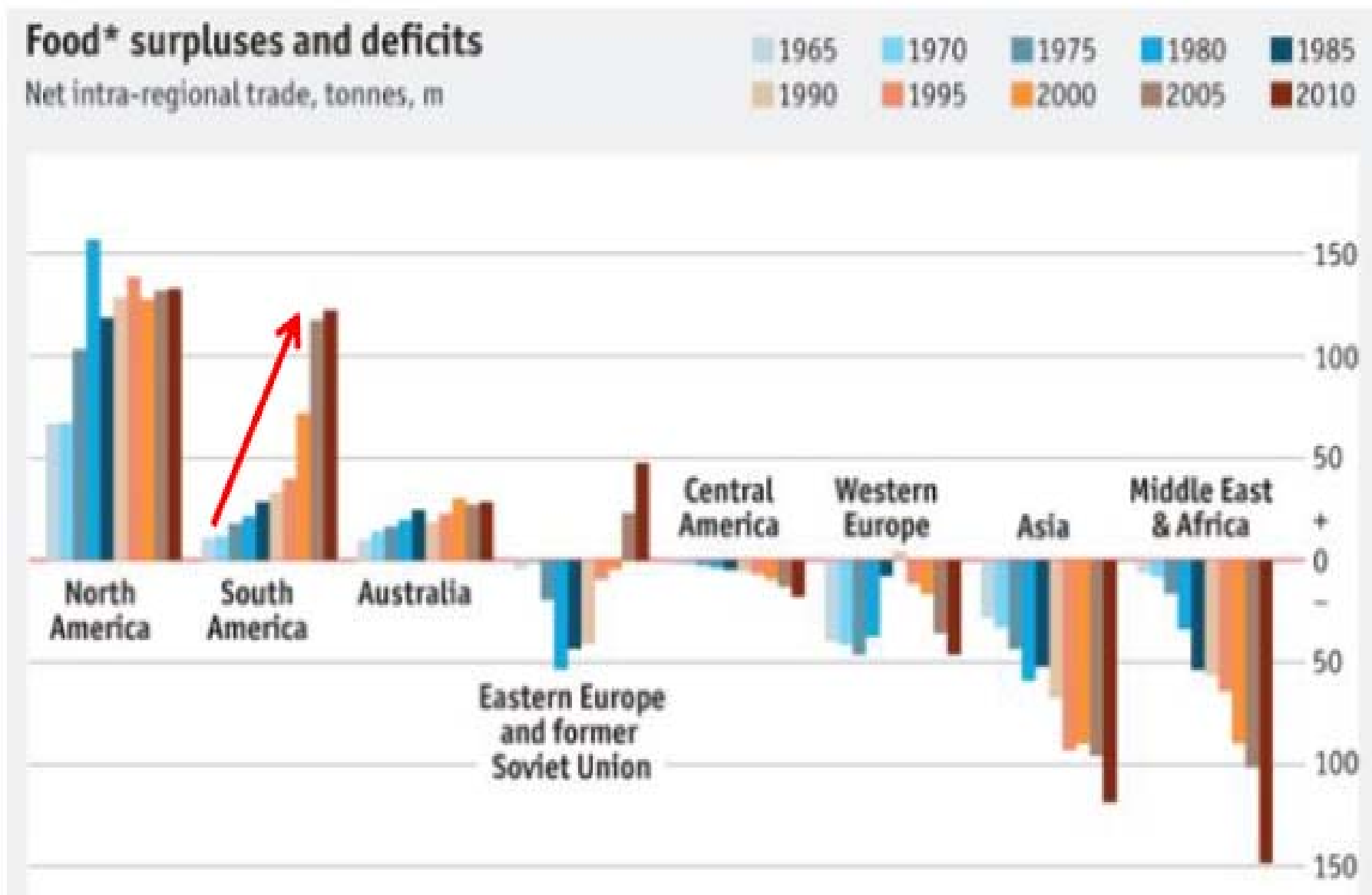
BID. 2014. La próxima despensa global: cómo América Latina puede alimentar al mundo: un llamado a la acción para afrontar desafíos y generar soluciones. <http://publications.iadb.org/handle/11319/6436>

# per capita production of food in LAC



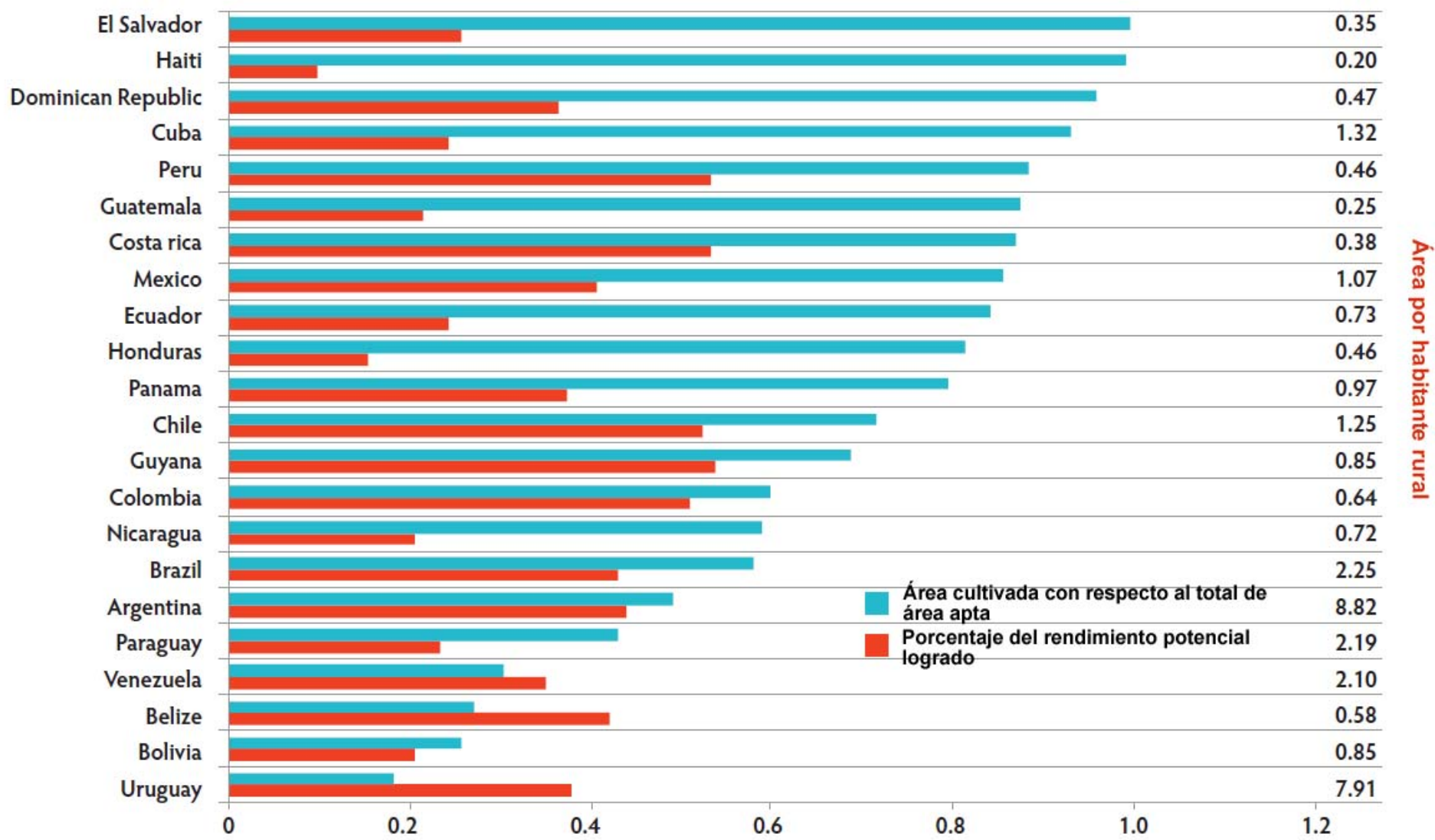
Source: Data from FAO, analysis IICA - Innovation Program

# Food surpluses in the Americas



CEPAL, FAO & IICA (2013)

# Gaps in food yield and land availability



Fuente: Deiningner, K et. al. 2011 Rising Global Interest in Farmland. Can it Yield Sustainable and Equitable Benefits? Washington DC, World Bank

# Challenges facing agriculture in the Americas: Driving forces of IICA's MTP 2014-2018

- Stagnation of agriculture productivity, which limits competitiveness
- Socioeconomic issues such as poverty malnutrition and exclusion of some indigenous and social groups
- Risks associated with vulnerability to climate change
- Small scale family farming that demands differentiated policies and avenues for development

# The 2014-2018 MTP is based on:

- Strategic Plan 2010-2020 (objectives)

- The IABA resolutions: Innovation and integrated management of water resources

- The challenges of agriculture: productivity and competitiveness, sustainability, inclusion and food and nutrition security

1) To improve the productivity and competitiveness of the agricultural sector.

2) To strengthen agriculture's contribution to the development of territories and the well-being of the rural population.

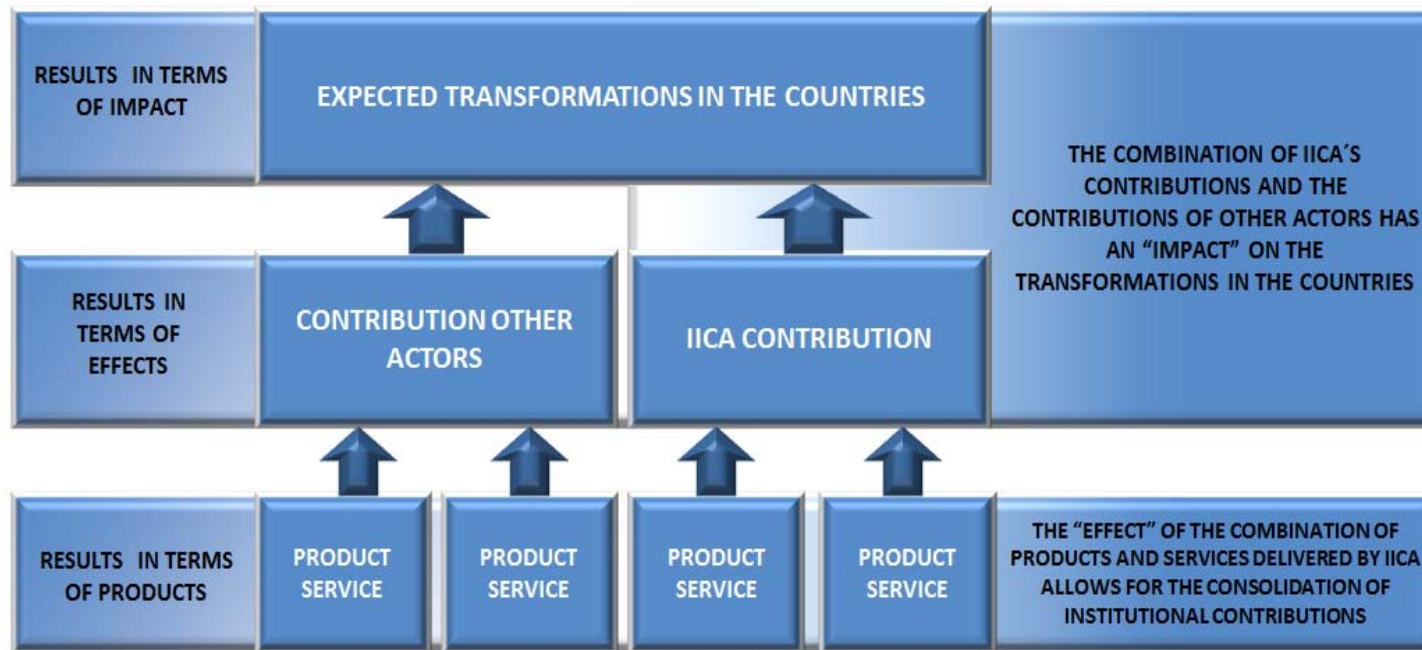
3) To improve agriculture's capacity to mitigate and adapt to climate change and make better use of natural resources.

4) To improve agriculture's contribution to food security.



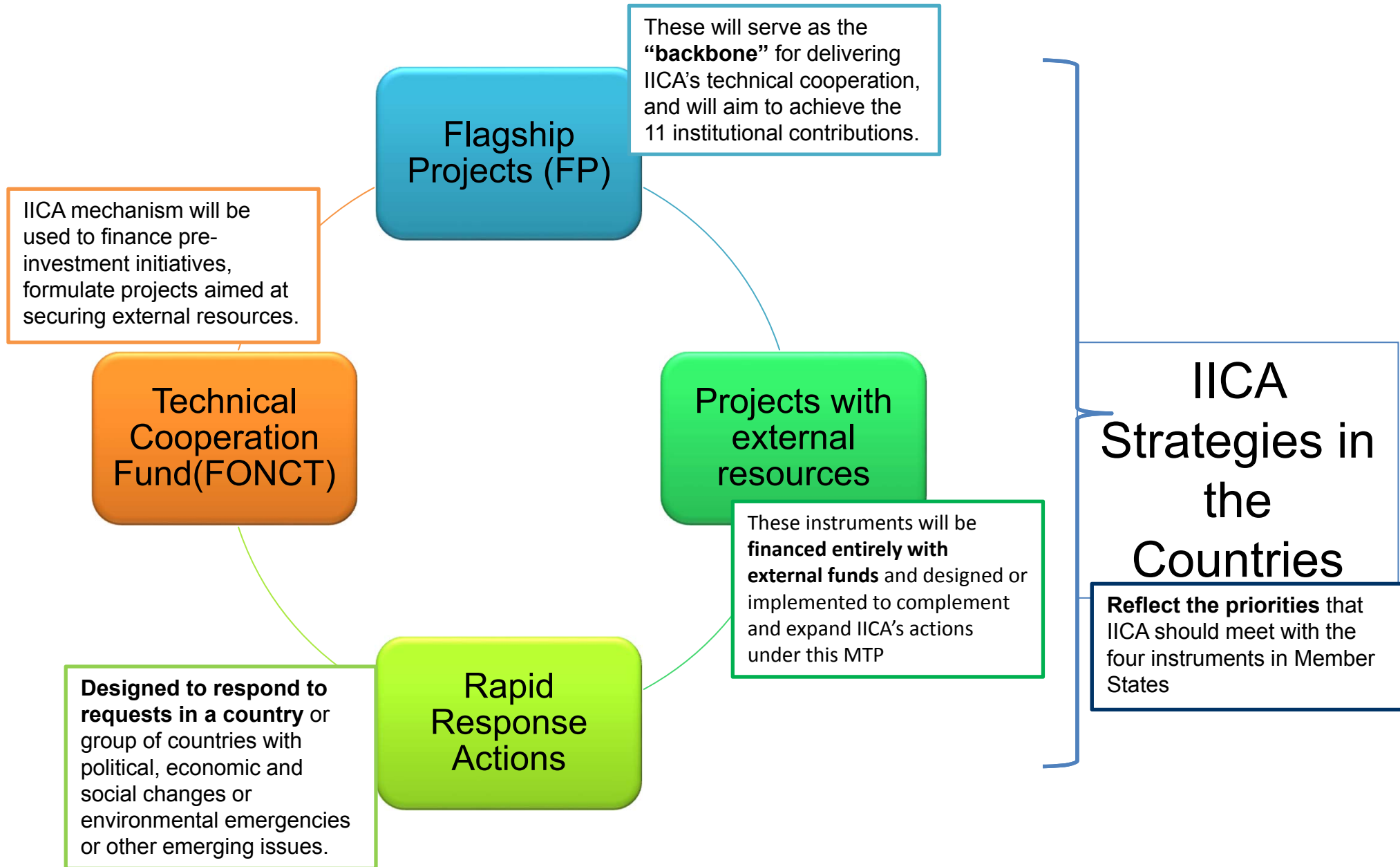
# IICA's MTP 2014-2018: Results oriented

- Social and economic development, brought about by a chain of results from specific interventions
- From project outputs to contributions (outcomes) to transformations (impact)



- Results, base of planning, programming, implementation, monitoring and evaluation
- Indicators for Products/Services, Contributions and Transformations

# Instruments for Technical cooperation



# Articulation of instruments for technical cooperation

## Strategic Objectives

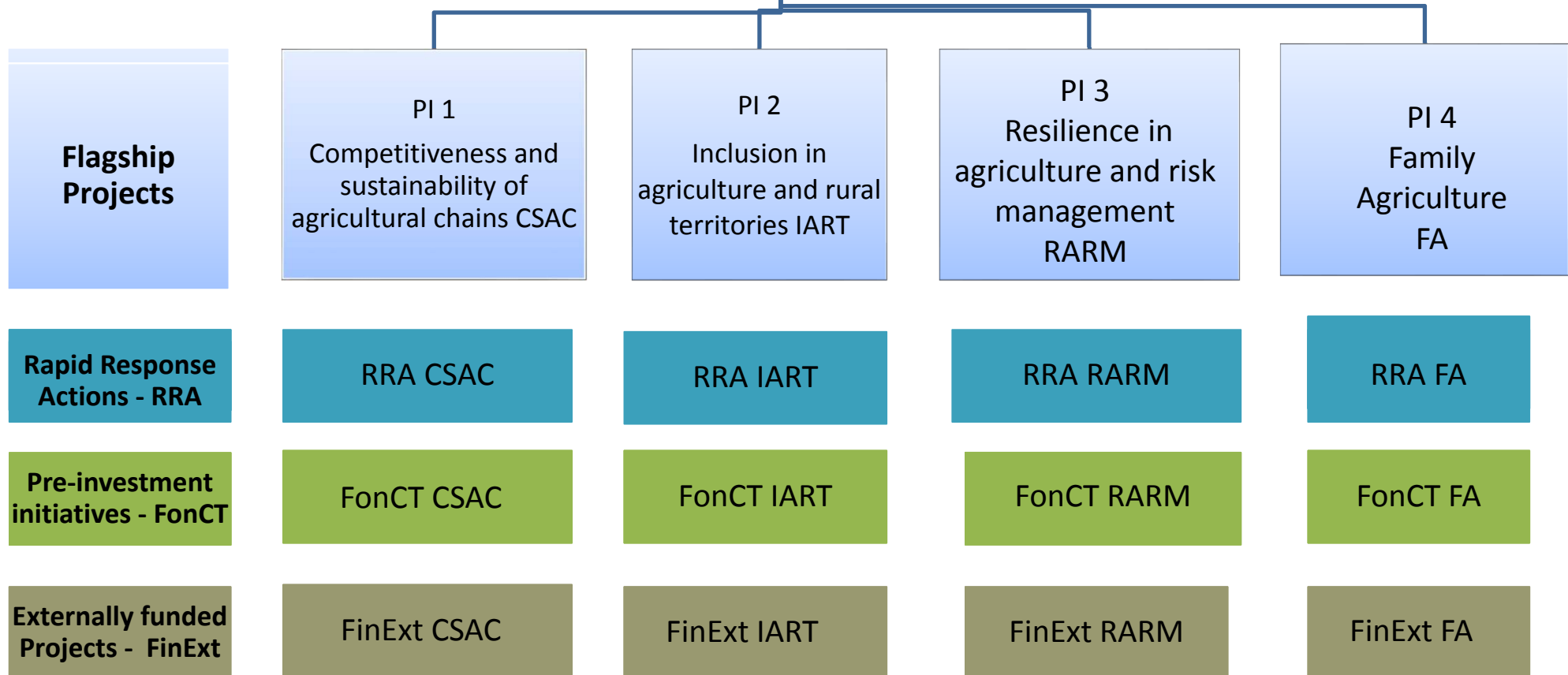
1. Improve the productivity and competitiveness of agricultural sector

2. To strengthen agriculture's role in territories development and well being of rural people

3. To improve the agriculture's capacity to mitigate and adapt to climate change and NR use

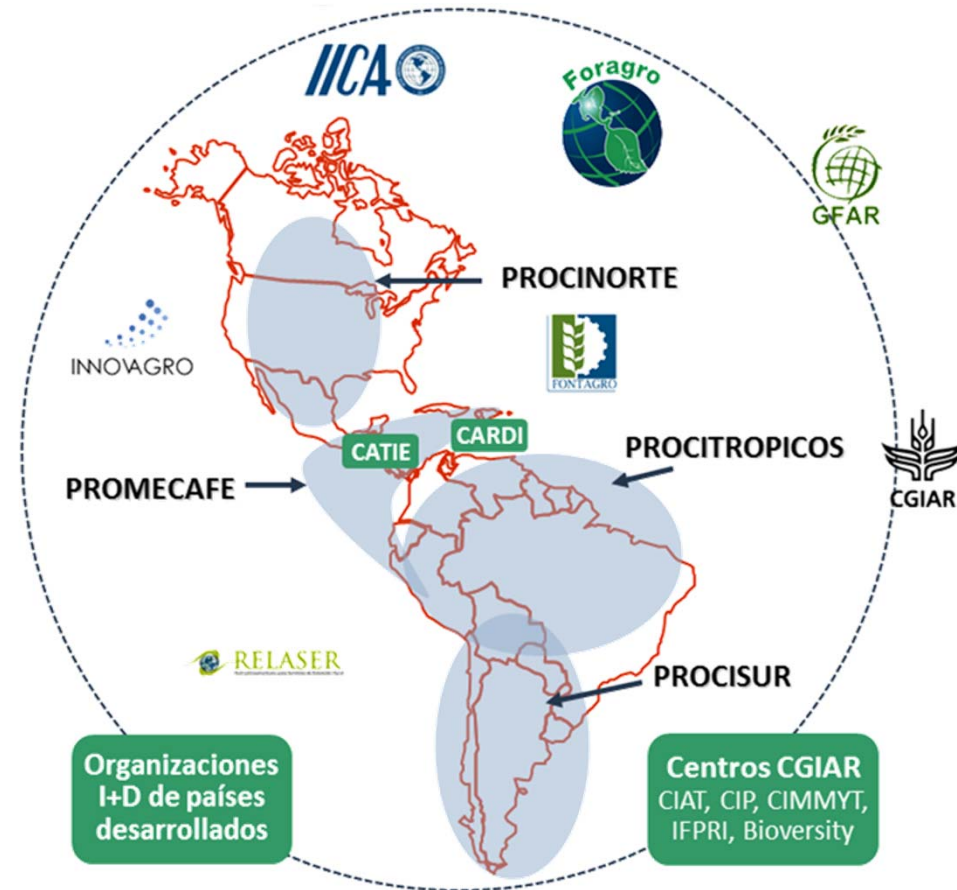
4. To improve agriculture's contribution to food security

## Contributions A - K



# IICA's support to agricultural research

- Regional research and education centers: CATIE, CARDI
- Support to specific NARI: creation of Embrapa in 1972, on-going support to IPTA (Paraguay), INIAF (Bolivia) and INTA (Costa Rica), among others
- Regional Cooperative Research Programs (PROCIs): PROCINORTE, PROCISUR, PROMECAFE, PROCITRÓPICOS, SICTA-TGI
- Regional and global research forums and systems (FONTAGRO, GFAR, FORAGRO, GCARD, CGIAR):
- Joint activities with other research Centers: CIRAD
- Networks: Innovagro



# PROCI achievements and opportunities

- Platforms and networks that promote and facilitate collaborative work
- Consortia of institutions with shared vision and resources, more effective in solving common problems than individual institutional efforts
- Technology development, institutional innovation
- Knowledge management, technology inventories, policy and technology observatories, among others
- Facilitated participation in regional international organizations (FORAGRO, FGAR, GCARD)
- **Strength**, political support
- **Areas for improvement**, links with extension services and private suppliers of inputs, services and knowledge to farmers

# Agendas of PROCIs

- Strategic issues to address food security, poverty alleviation, productivity, environmental sustainability, competitiveness and trade:
  - ✓ Genetic resources, conservation, breeding, improved germplasm deployment
  - ✓ Plant and animal health, food safety
  - ✓ Soil and water management, resource conservation
  - ✓ Markets
  - ✓ Policies and institutions
- Yet:
  - ✓ Rather limited collaborative work among PROCIs .... and in some cases with IICA's core capacities
  - ✓ How could we create and exploit synergies?
  - ✓ PROCINORTE, huge potential to develop capacities beyond the sub-region
  - ✓ Any ideas?

# PROCIS, funding sources 2015

PROCI	\$ IICA			\$ Members contributions	Externally funded projects	
	Executive Secretary	SE Office operation	Program activities		Projects	\$
SICTA/TGI	15,000			45,000	1, PRIICA	6,372,011
PROCINORTE	45,000	15,000	50,000			
PROCISUR	90,000	70,000		545,172	1, FONTAGRO	371,515
PROMECAFE	80,000	15,000		170,000	5, Various	6,898,027
PROCITROPICOS	120,670	20,000		196,598	1, LANITT	400,000
CIAO	75,000	15,000		114,000		

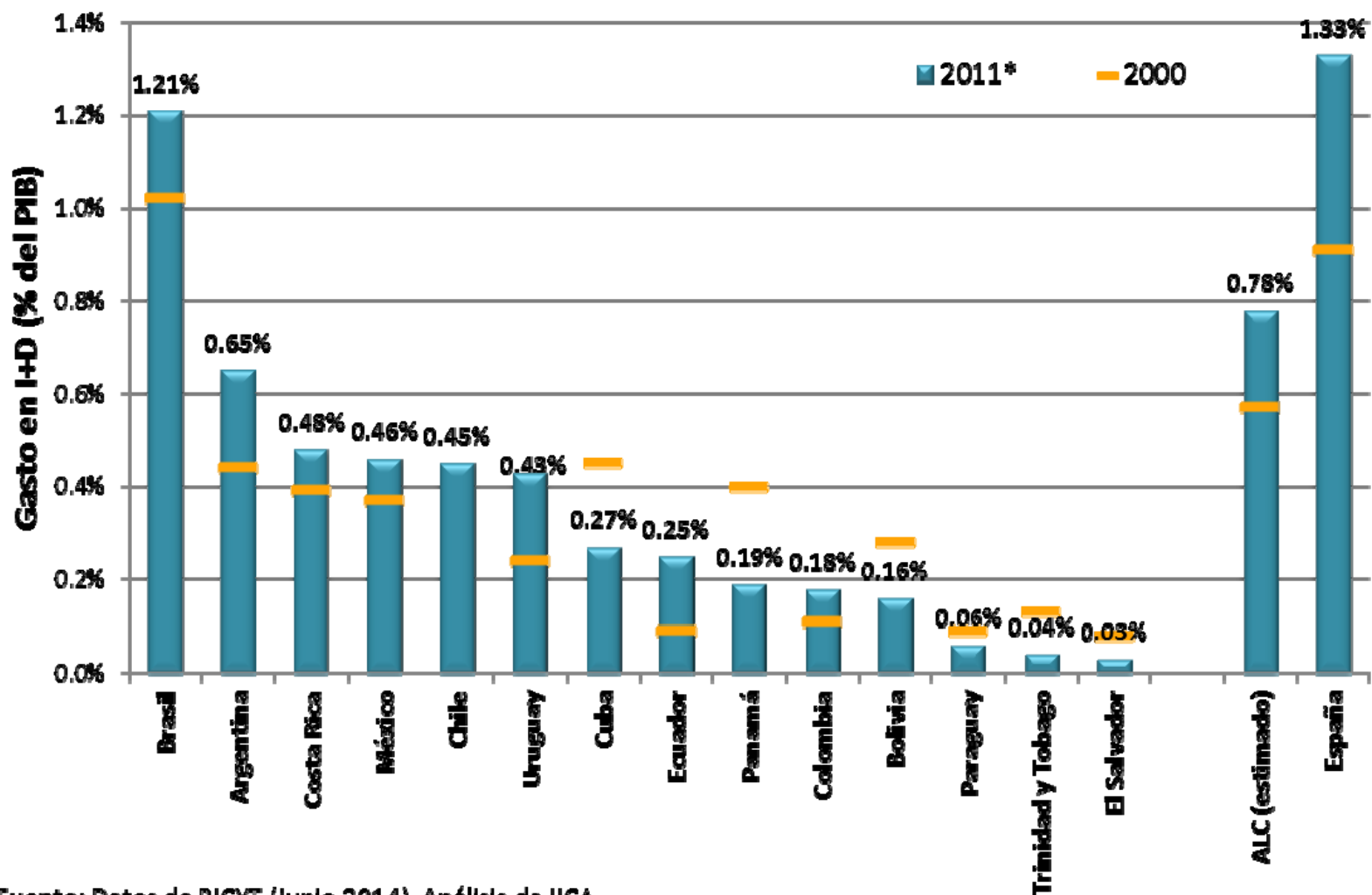
How could we diversify and increase funding for PROCIS?

# FORAGRO

- Important forum for developing regional research agendas and share information
- Implementation of agenda, and demonstrating value added to individual NARIs and contributions to agriculture remain a challenge
- How could we strengthen the Forum?....
- What role the PROCIs could have? ....



# Investments in agricultural research 2010-2011



Fuente: Datos de RICYT (Junio 2014), Análisis de IICA

\* Nota: el porcentaje consignado para cada país corresponde a la Intensidad en 2011 o en el último año disponible



# Resultados, nuestro compromiso



Instituto Interamericano de Cooperación para la Agricultura

