



AGRICULTURAL TECHNOLOGY TRANSFER ACCELERATION Indonesia Experiences

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LIST OF PRESENTATION



**RELEVANT INSTITUTION FOR TECHNOLOGY
TRANSFER IN AGRICULTURE**



**Key Sectors Partnership for Technology
Transfer**



**Lessons learnt from the Past Experiences :
Obstacles**



**Opportunities and Challenges in Scalling
Up the Current Instructional Lingkage to
Regional Level**



RELEVANT INSTITUTION FOR TECHNOLOGY TRANSFER IN AGRICULTURE



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STRATEGY R&D OF

Indonesia Center for Agricultural Research and Development (IAARD)

- Self - sufficiency and sustainable self sufficiency in prioritized commodities
- Food diversification
- Added – value, competitiveness and export of agriculture commodities
- Improve farmers' welfare

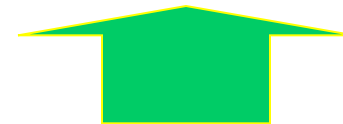


**Agricultural
Development
Targets**

IAARD program is directed to
innovate the competitive
technologies and superior varieties

Through:

Developing of the innovative, efficient and effective science and technology through fostering scientific principles and contributing to the development of science and technology.



Scientific based activities → Up-
stream research
Impact based activities → Down-
stream research



**Research activity
orientation**

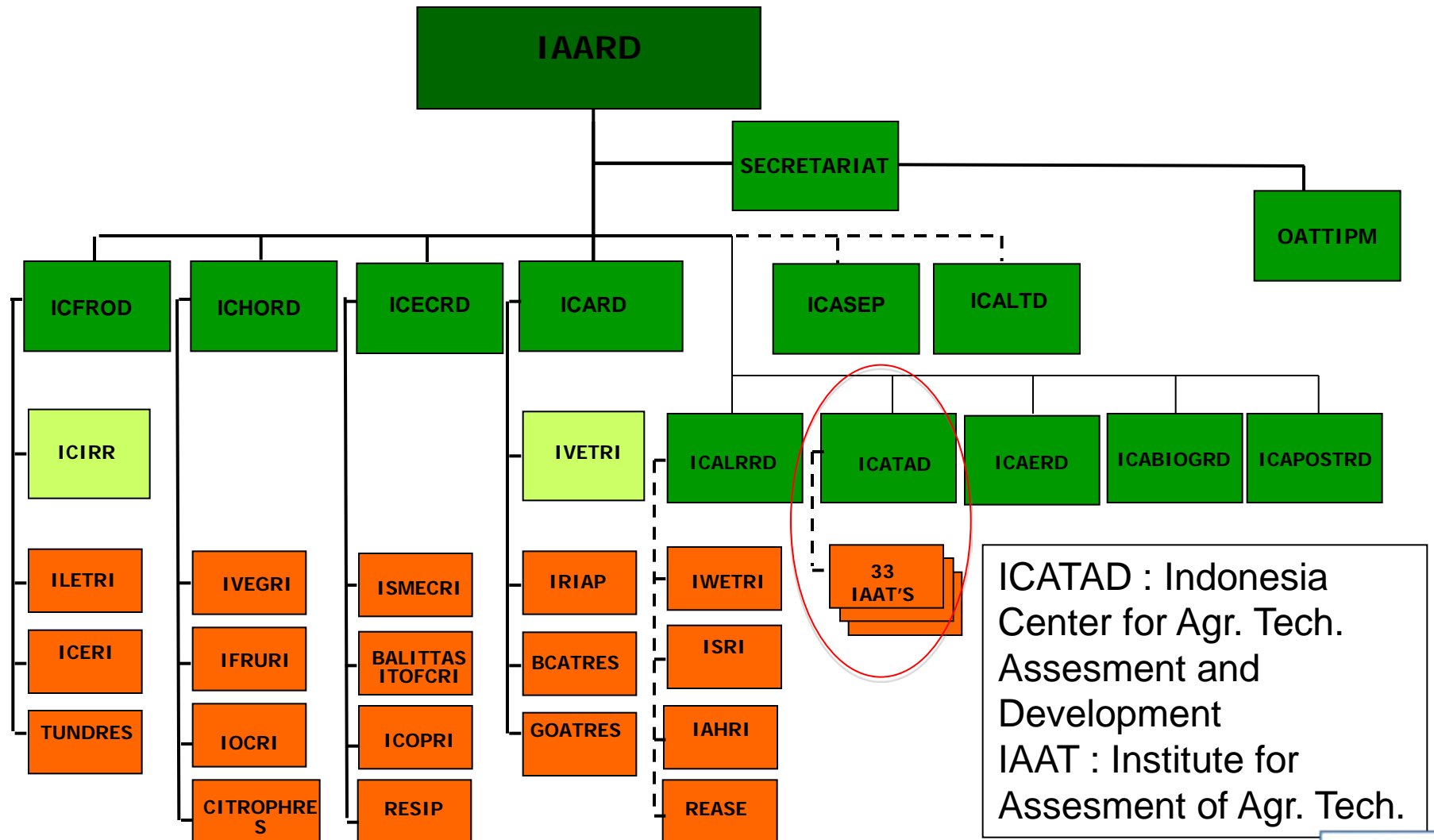


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NATIONAL AGRICULTURAL RESEARCH SYSTEM

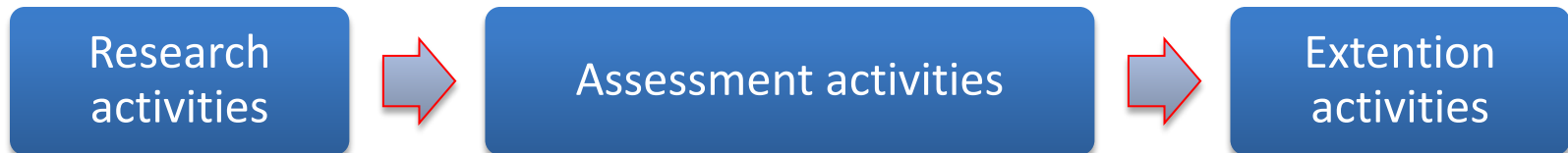
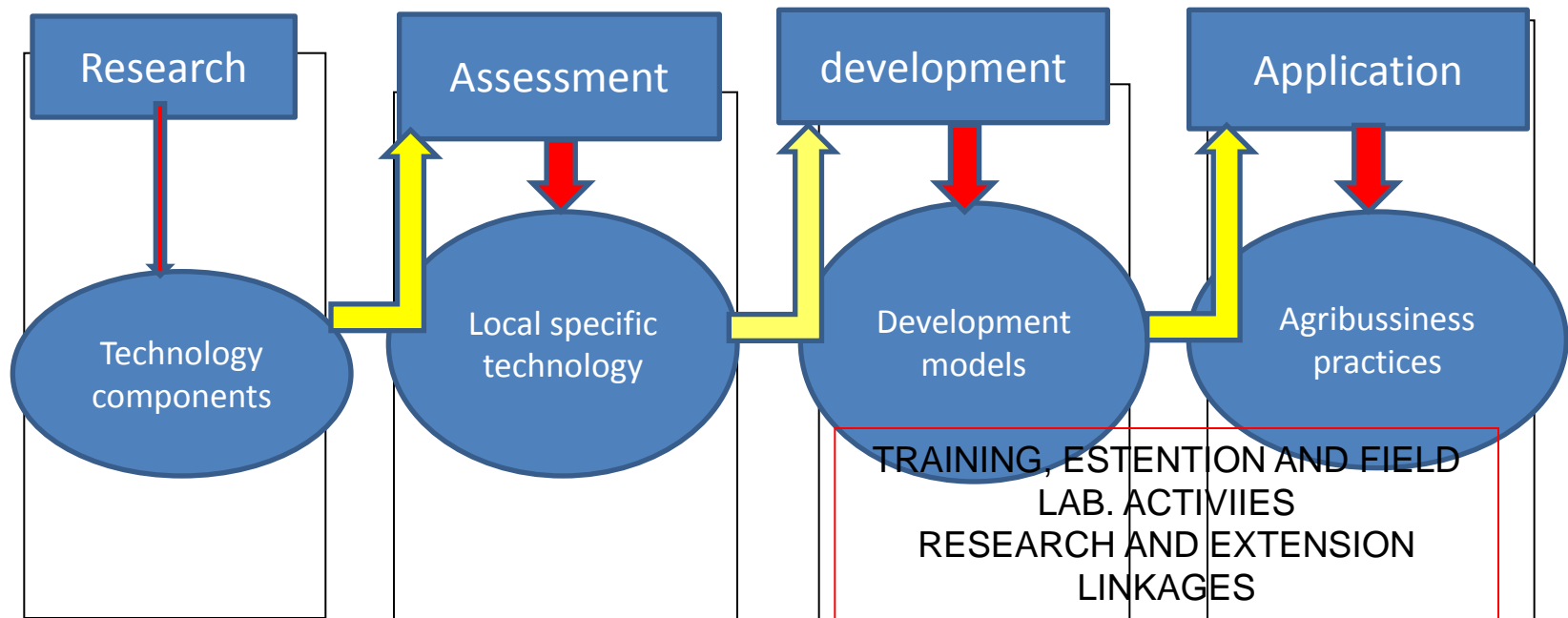
ORGANIZED BY INDONESIA AGENCY FOR AGRICULTURAL RESEARCH AND DEVELOPMENT (IAARD)
IAARD Organization Structure



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National Research-Extension System

Stages of agriculture technology transfer



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EXTENSION INSTITUTION SERVICES

No	Level	Unit	Total	%
1.	National	1		100
2.	province	33	34	97
3.	district	333	508	65,5
4.	Sub district	5.016	6.694	74,9
5.	Village	10.727	77. 465	13,85





AGRICULTURE EXTENSION WORKER

FARMER
FACILITATOR :
8.107

PUBLIC EXT
WORKER : 27.761

CONTRACTUAL
EXT WORKER :
22.216

TEMPORARY EXT
WORKER : 1.251



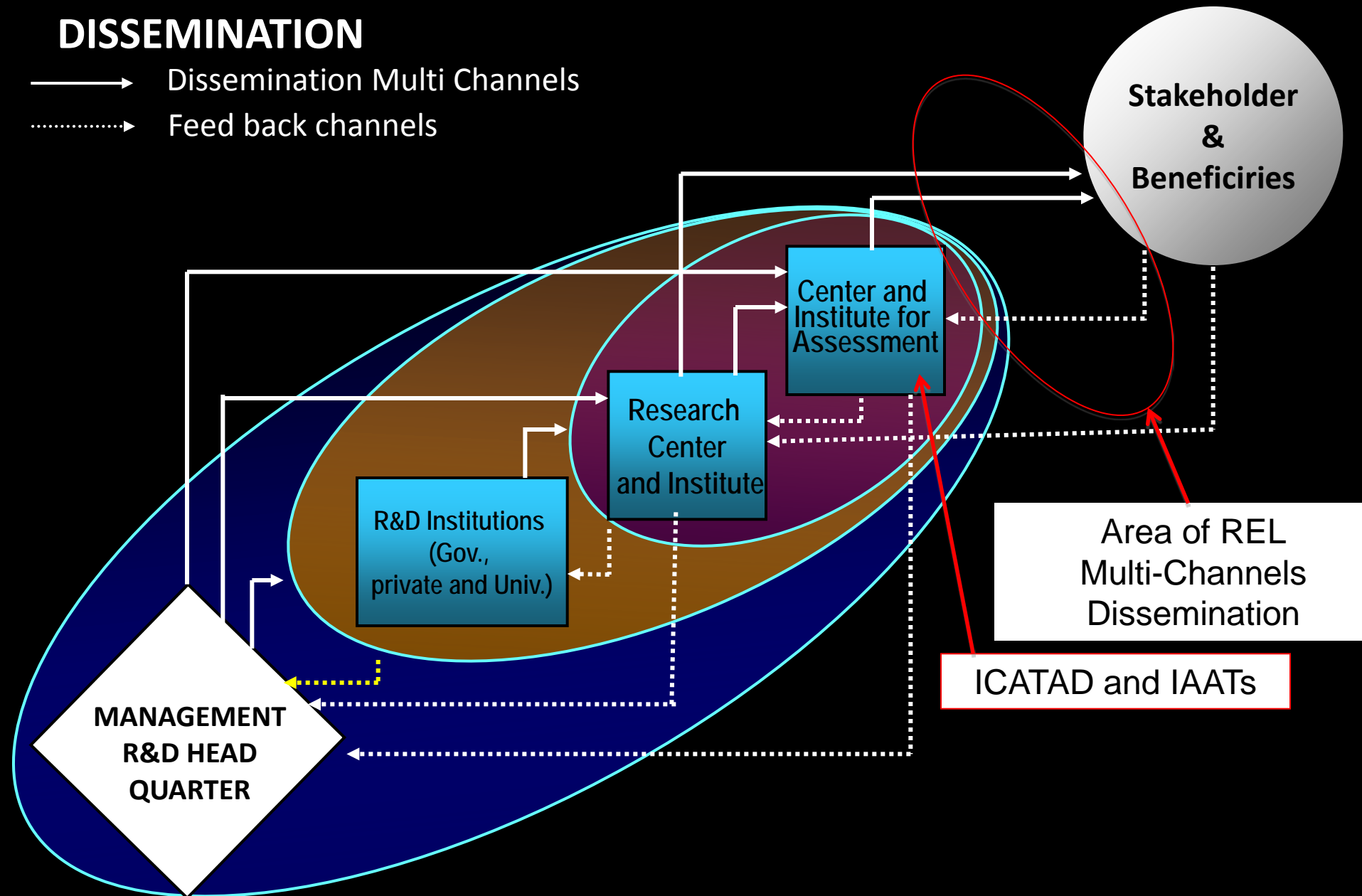
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NATIONAL INSTITUTION SYSTEM OF AGR. TECHNOLOGY DISSEMINATION

—————> Dissemination Multi Channels

.....> Feed back channels



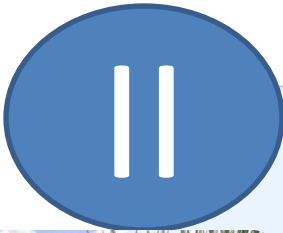


33 IAATs are located in every province



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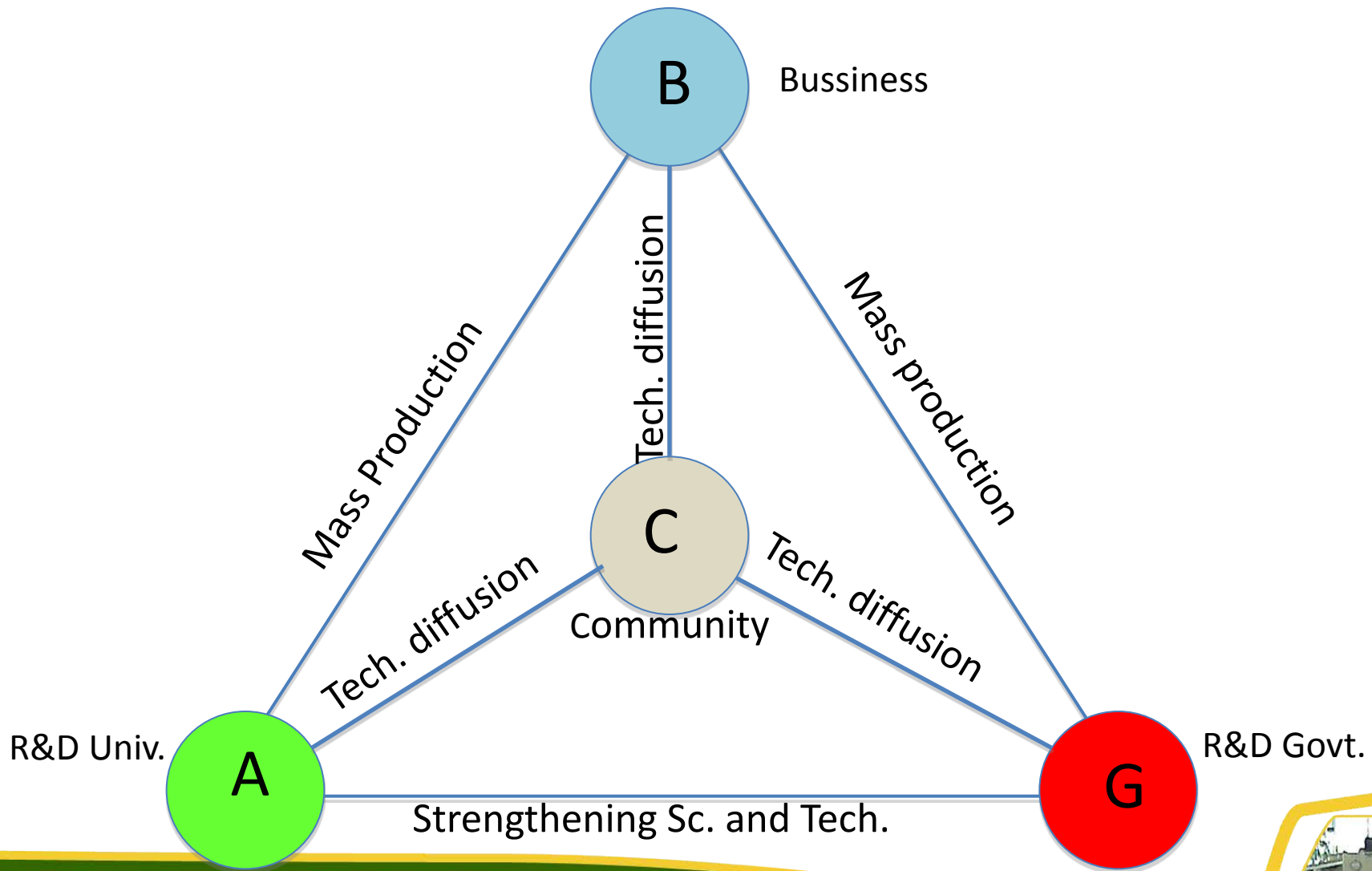
Key Sectors Partnership for Technology Transfer



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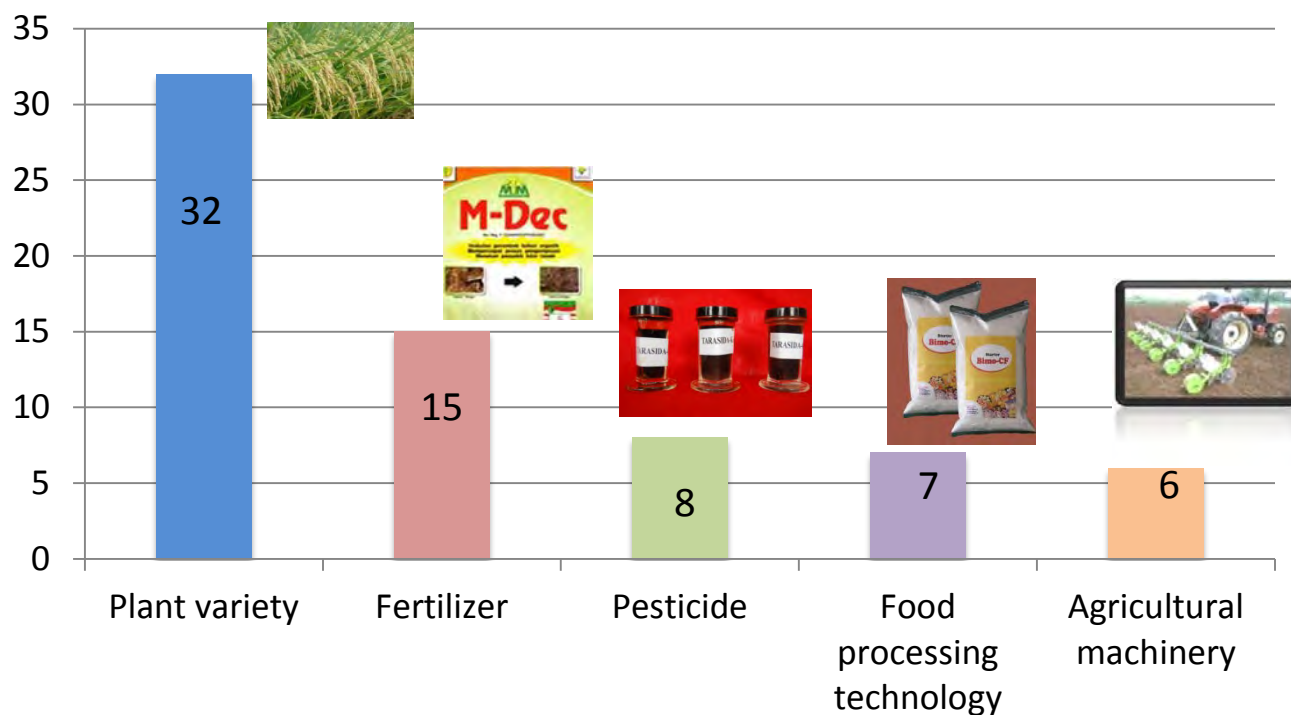


QUARTRO HELIX OF PPP Components

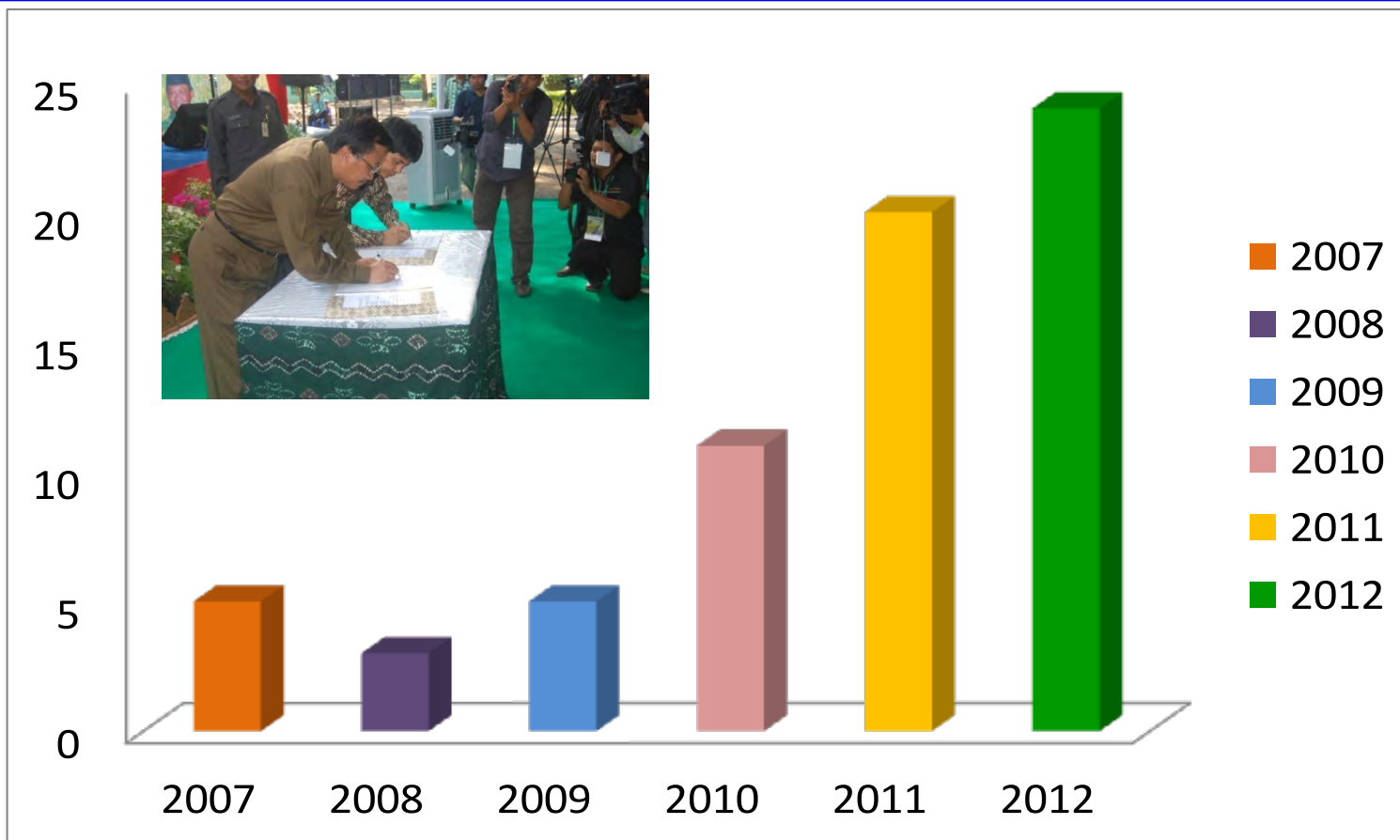


NUMBER OF PPP IMPLEMENTED FOR MASS PRODUCTION OF AGRICULTURE R&D RESULTS 2007 - Sept. 2012

Number of PPP for mass production of tech.



NUMBER OF PPP IN AGRICULTURE R&D RESULTS BY YEAR (2007-2012)





Lessons learnt from the Past Experiences : Obstacles



Obstacles: Research Extension Linkages

- Limited Number and skilled of RE workers
(3,000 researcher, 21,000 skilled Extensionists, 30,000 unskilled Extensionists)
- Less linkage program of RE Institutions national and regional level
- Less corporate program of R-E which are related to research results dissemination
- Limited number publication of the latest agricultural innovation through Multi Media Channels (Printing, Cyber extension, TV dan Radio)



IV



Opportunities and Challenges in Scaling Up the Current Instructional Lingkage to Regional Level



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CORPORATE OUTREACH PROGRAM of **REL**

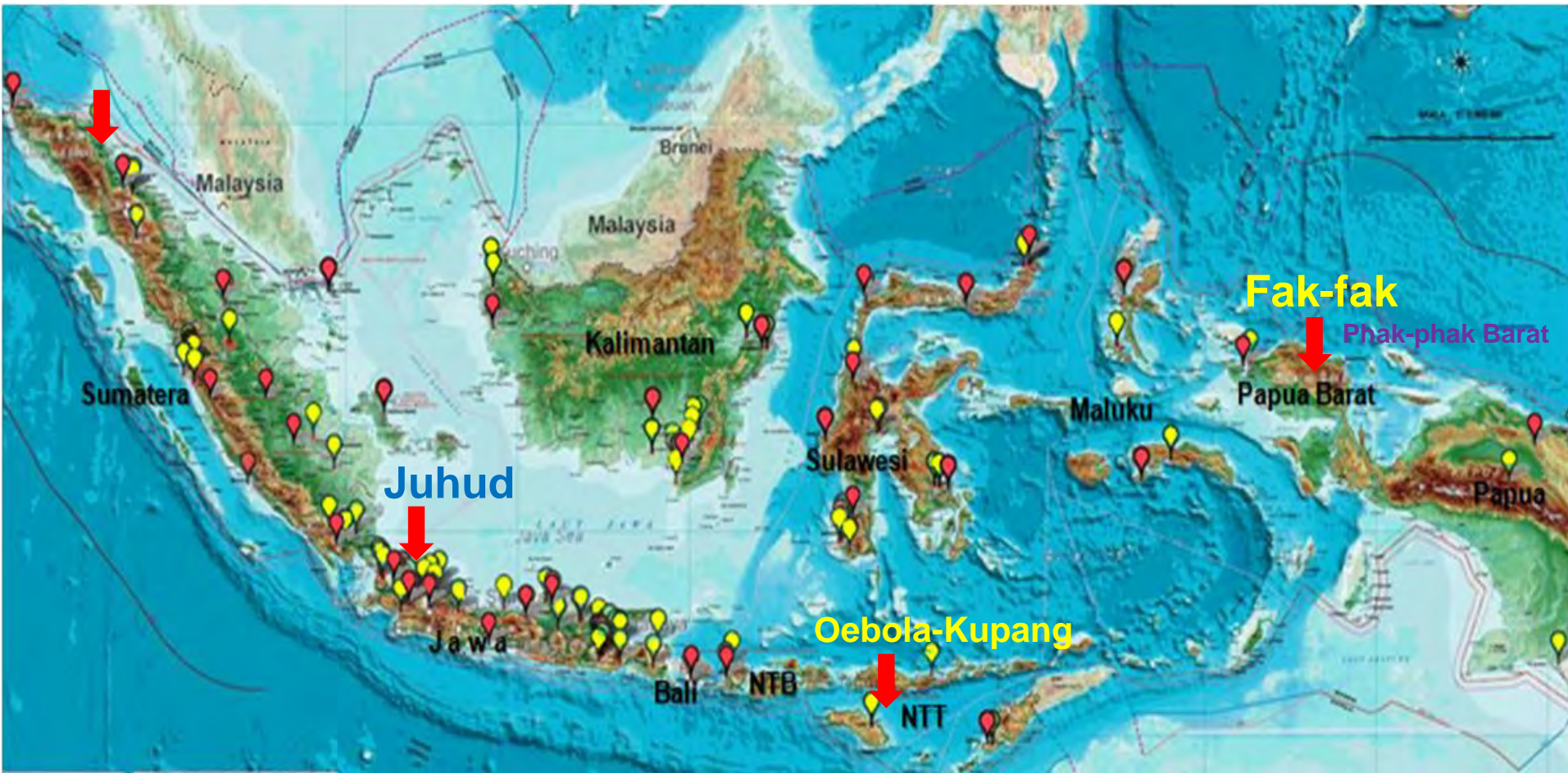
QUARTRO HELIX OF PPP

- ❑ Field Laboratories
- ❑ Field School for Integrated Crop Management (SL PTT) for rice, corn and other commodities
- ❑ Extended for: Field School of Crop Livestock Integrated System (SITTBL), Comprehensive Pest Management (PHT), and many others



INDONESIA EXPERIENCES ON REL SYSTEMS

Research Centers, Research Experiment Stations and Field



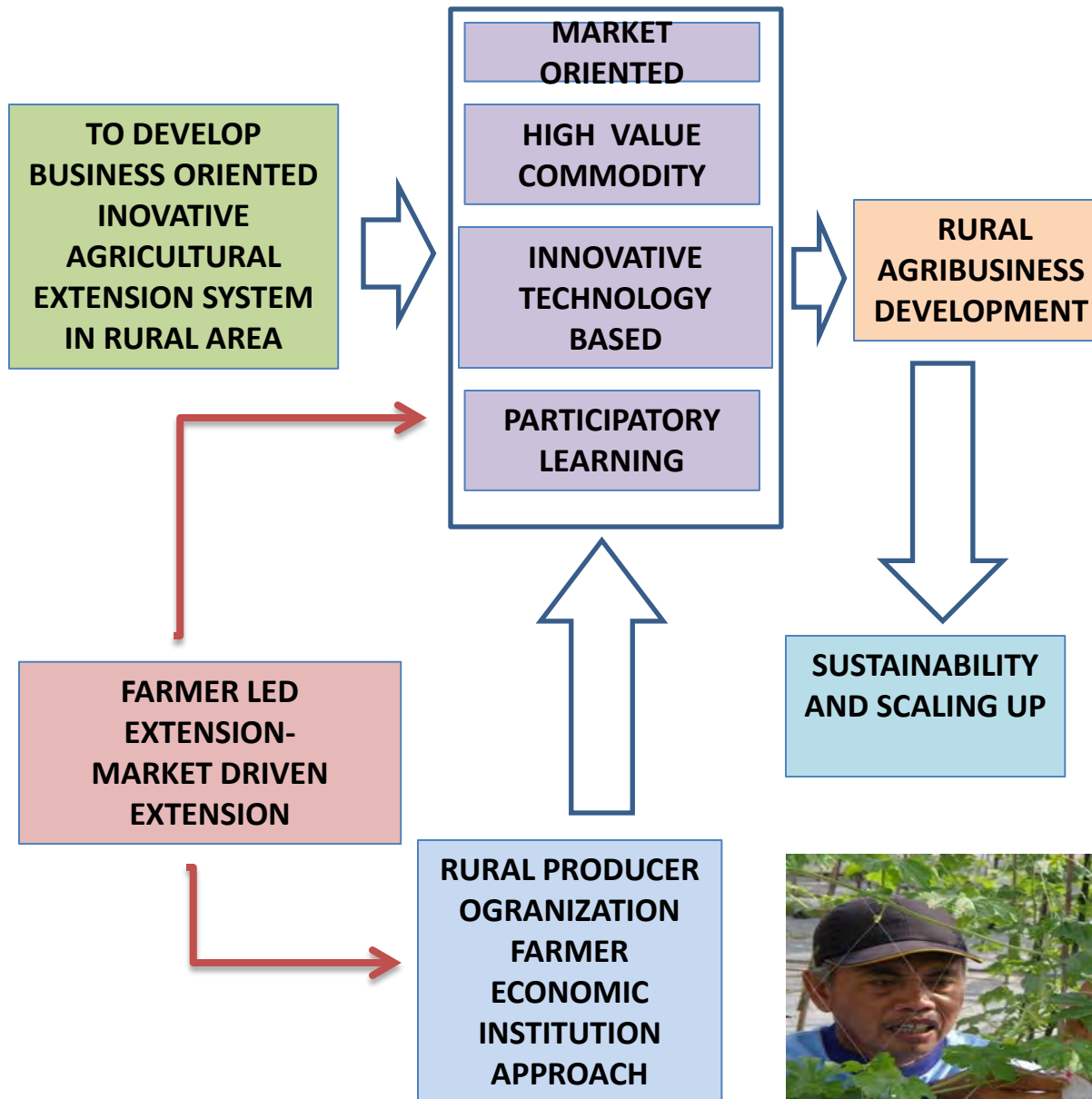
● Research Center and Research Institute : 77 units

● Field experiment station: 107 locations

↓ ↓ Field Laboratory: 14 FIs

Source: ICALRRD, 2012

FARMER MANAGED EXTENSION ACTIVITIES (FMA)



1. To carried out technology development and training for the farmers, collaboration with agro input suppliers with an assistance from extension and research institutions
2. Introduce ICT (Cell phone, internet) to broaden the farmers in getting information faster and marketing network



TT : INTEGRATED AGRICULTURE DEVELOPMENT IN SWAMPY AREA-KALIMANTAN





THANK YOU

