



SHOWCASING RESULTS AND DEMONSTRATING IMPACT

Subject 3 - Delivery: Demonstrating integrated impacts at national level

Investing in agricultural research to achieve food security: results in Asia and the Pacific

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ACIAR Impact Assessment Program

Systematic assessment of research outcomes and impacts to assist in:

- Priority setting
- Resource allocation
- Project development
- Accountability

-> improves the efficiency and effectiveness of ACIAR investment





Impact Assessments

- Conducted at least 5 years after project completion
- Sample of projects – 90 to date
- Independent economic evaluations
- Counterfactual scenario presented
- Prospective benefits with analysis projected 30 years
- Social and environmental outcomes sometimes described qualitatively



Impacts of ACIAR Research

- Independent impact assessments of 156 ACIAR bilateral projects have estimated:
 - total benefits, A\$12.3 billion attributable to ACIAR
 - total expenditure on all ACIAR projects since 1982, A\$2.5 billion (in 2012 dollar values)
 - benefit:cost ratio (BCR), 5:1
- Examples:
 - Irrigation, Vietnam (BCR 17:1)
 - Oil palm, Papua New Guinea (BCR 22:1)
 - Fisheries, Indonesia (BCR 52:1)
 - Australian trees, Vietnam (BCR 79:1)
 - Breeding and feeding pigs, Vietnam (BCR 118:1)

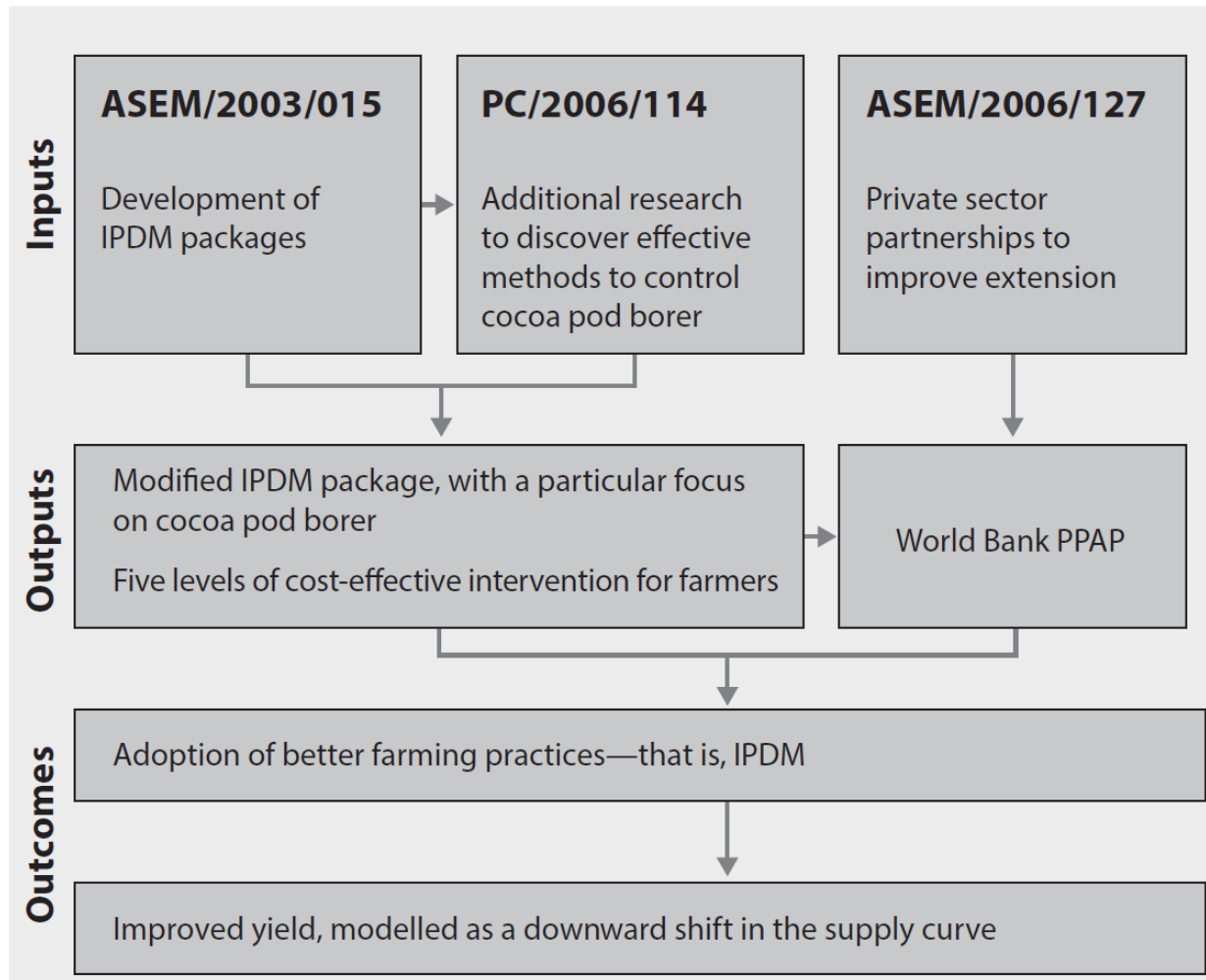
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Sustainable cocoa production in Indonesia and PNG

- 2005-2015 bundle of projects
- Aim to improve the livelihoods of smallholder producers of cocoa
- Challenges: ageing trees, disease, pests, rapid yield decline
- Public and private interaction
- -> IPDM techniques, high yielding clones, new extension methods, higher yields, entrepreneurial farmers
- Expenditure in the two countries ~\$12 million led to:
 - total benefits (measured as an increase in economic surplus, in real, present-value terms) of \$58.4 million
 - Benefit : cost ratio of 5 to 1

PNG projects links to output and outcomes



IPDM - Integrated pest and disease management
PPAP Productive Partnerships in Agriculture Project

Impact is greater than measurable economic benefit

- Cultural change
- Farming systems approach
- Capacity development
- National priority
- Relationships -NARS and private sector





Concluding remarks

Complex outcomes

- Relationships and cultural change
- Incorporating a more mixed methods approach within evaluation is needed

Private sector engagement

- Need to understand and evaluate potential impacts better in order to consistently replicate and maximize benefits

Thank you



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