



Sustainable Management of Agricultural Research and Technology Dissemination (SMARTD) (P117243)

EAST ASIA AND PACIFIC | Indonesia | Agriculture Global Practice |
IBRD/IDA | Investment Project Financing | FY 2013 | Seq No: 13 | ARCHIVED on 16-Dec-2018 | ISR35099 |

Implementing Agencies: Indonesian Agency for Agricultural Research and Development (IAARD), IAARD - SMARTD

Key Dates

Key Project Dates

Bank Approval Date: 02-Aug-2012

Effectiveness Date: 25-Oct-2012

Planned Mid Term Review Date: 04-May-2015

Actual Mid-Term Review Date: 28-Mar-2015

Original Closing Date: 30-Sep-2017

Revised Closing Date: 30-Jun-2019

Project Development Objectives

Project Development Objective (from Project Appraisal Document)

The objective of the Project is to improve the institutional capacity and performance of the Indonesian Agency for Agricultural Research and Development (IAARD) to develop and disseminate relevant and demand-driven innovative technologies, meeting the needs of producers and of the agri-food system.

Has the Project Development Objective been changed since Board Approval of the Project Objective?

No

Components

Name

Development and Management of Human Resources:(Cost \$40.00 M)
Improvement in Research Infrastructure and Facilities:(Cost \$35.00 M)
Research Management and Policy Support:(Cost \$15.00 M)
Project Management and Monitoring and Evaluation:(Cost \$10.00 M)

Overall Ratings

Name	Previous Rating	Current Rating
Progress towards achievement of PDO	● Moderately Satisfactory	● Moderately Satisfactory
Overall Implementation Progress (IP)	● Moderately Satisfactory	● Moderately Satisfactory
Overall Risk Rating	● Substantial	● Substantial

Implementation Status and Key Decisions

SMARTD's three project components have continued to deliver significant achievements. Further progress was made in upgrading research facilities, training of researchers, and developing technology and innovation through collaborative research. As noted during previous missions, a number of factors necessary for fully achieving the PDO are outside of the project's scope, such as influencing HR policies, and budgetary allocations. Since the last mission, progress has been made in tracking the performance of indicators, with data now available for all but two of the indicators. While progress is being made toward the project's PDO, this is not reflected by the results of all indicators. Further analysis continues to be needed to finalize the data used for results reporting and interpretation.



The project will end in June 2019 and all project activities and investments will be concluded during the early part of 2019. An Implementation Completion and Results report will be drafted in March 2019 and will focus on documenting results and performance of the project.

Risks

Systematic Operations Risk-rating Tool

Risk Category	Rating at Approval	Previous Rating	Current Rating
Political and Governance	--	● Moderate	● Moderate
Macroeconomic	--	● Moderate	● Moderate
Sector Strategies and Policies	--	● Substantial	● Substantial
Technical Design of Project or Program	--	● Moderate	● Moderate
Institutional Capacity for Implementation and Sustainability	--	● Substantial	● Substantial
Fiduciary	--	● Moderate	● Moderate
Environment and Social	--	● Low	● Moderate
Stakeholders	--	● Low	● Low
Other	--	--	--
Overall	--	● Substantial	● Substantial

Results

PDO Indicators by Objectives / Outcomes

PDO indicators				
▶ Clients who have adopted an improved agr. technology promoted by the project (Number, Corporate)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	30.00	50.00	50.00	50.00
Date	01-Jul-2012	30-Mar-2017	30-Mar-2017	28-Jun-2019
Comments:	The indicator, as defined in the Loan Agreement, only measures effectiveness of the dissemination activities that are directly supported by SMARTD. Up to 2015 this was the Multi-Channel Dissemination Program which was replaced by the Jarwo Super program which is exclusively concerned with improved rice production. This large-scale demonstration program was taken over by the DG for Food Crops (DG Tanaman Pangan) in 2017. Measurement of Indicator P1 has remained problematic as the program on which measurement was based, has been discontinued and no alternative methodology for measuring has been developed. A farmer survey on technology adoption is planned which will provide a meaningful alternative measurement.			
▶ Technologies demonstrated in the project areas (number) (Number, Custom)				



	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	32.00	234.00	234.00	72.00
Date	01-Jul-2012	31-Dec-2017	31-Dec-2017	28-Jun-2019
Comments:	This indicator is being reviewed as new data has been made available. Both the baseline and target values will change.			
►Publications in international peer reviewed journals (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	283.00	1,157.00	986.00	1,290.00
Date	01-Jul-2012	31-Dec-2017	31-Dec-2017	28-Jun-2019
Comments:	This indicator is still being reviewed as new data has been made available.			
►External Funding (Percentage, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	9.30	11.90	11.90	12.50
Date	01-Jul-2012	31-Dec-2017	31-Dec-2017	28-Jun-2019
Comments:	This indicator is being reviewed as new data has been made available.			

Overall Comments

Updated results are not available and will be entered once 2018 data have been analyzed by IAARD. At that time some baseline and interim results will also be updated, based on an ongoing data evaluation exercise.

Intermediate Results Indicators by Components

Development and Management of Human Resources				
►percentage of IAARD staff that are researchers (Percentage, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	26.00	26.00	26.00	33.00
Date	01-Jul-2012	31-Dec-2017	31-Dec-2017	28-Jun-2019
◄percentage of IAARD research staff that are female (Percentage, Custom Breakdown)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	44.00	52.00	52.00	52.00



Date	01-Jul-2012	30-Mar-2018	30-Mar-2018	28-Jun-2019
►IAARD Researchers with MSc and/or PhD (Percentage, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	54.00	67.00	67.00	59.40
Date	30-Oct-2013	31-Dec-2017	31-Dec-2017	28-Jun-2019
Comments:	This indicator is being reviewed as new data has been made available. The indicator is now expressed as a percentage, in conformity with the Loan Agreement.			

Improvement in Research Infrastructure and Facilities				
►number of laboratories supported under SMARTD accredited nationally and internationally (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	13.00	26.00	26.00	21.00
Date	30-Oct-2013	31-Dec-2017	31-Dec-2017	28-Jun-2019
Comments:	Baseline value has been updated with new information.			
►Number of Experimental Stations supported under SMARTD accredited nationally and internationally. (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	10.00	10.00	8.00
Date	01-Jul-2012	30-Mar-2017	30-Mar-2017	28-Jun-2019
►Number of laboratories supported under SMARTD involved in international research networking (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	6.00	6.00	10.00
Date	01-Jul-2012	31-Dec-2017	31-Dec-2017	28-Jun-2019

Research Management and Policy Support				
►Collaborative research/extension sub-projects under implementation/completed (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	773.00	503.00	503.00	668.00
Date	01-Jul-2012	31-Dec-2017	31-Dec-2017	28-Jun-2019
Comments:	This indicator is being reviewed as new data has been made available. Further review will identify changes in funding levels for collaborative research.			



►Patents and Licences (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	60.00	133.00	133.00	77.00
Date	01-Jul-2012	31-Dec-2017	31-Dec-2017	28-Jun-2019
Comments:	This indicator is being reviewed as new data has been made available.			
►Dissemination area (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	1.00	0.00	0.00	1.40
Date	01-Jul-2012	30-Mar-2017	30-Mar-2017	28-Jun-2019
Comments:	The Provincial Technical Committees which this indicator refers to were discontinued shortly after the project began. For this reason it is not possible to measure progress on this indicator and the indicator has become irrelevant.			
►IAARD Budget devoted to research and dissemination (Percentage, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	25.00	23.00	23.00	35.00
Date	01-Jul-2012	31-Dec-2017	31-Dec-2017	28-Jun-2019
Comments:	This indicator is being reviewed as new data has been made available.			

Overall Comments

Updated results are not available and will be entered once 2018 data have been analyzed by IAARD. At that time some baseline and interim results will also be updated, based on an ongoing data evaluation exercise.

Data on Financial Performance

Disbursements (by loan)

Project	Loan/Credit/TF	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	% Disbursed
P117243	IBRD-81880	Effective	USD	80.00	80.00	0.00	78.21	1.79	98%

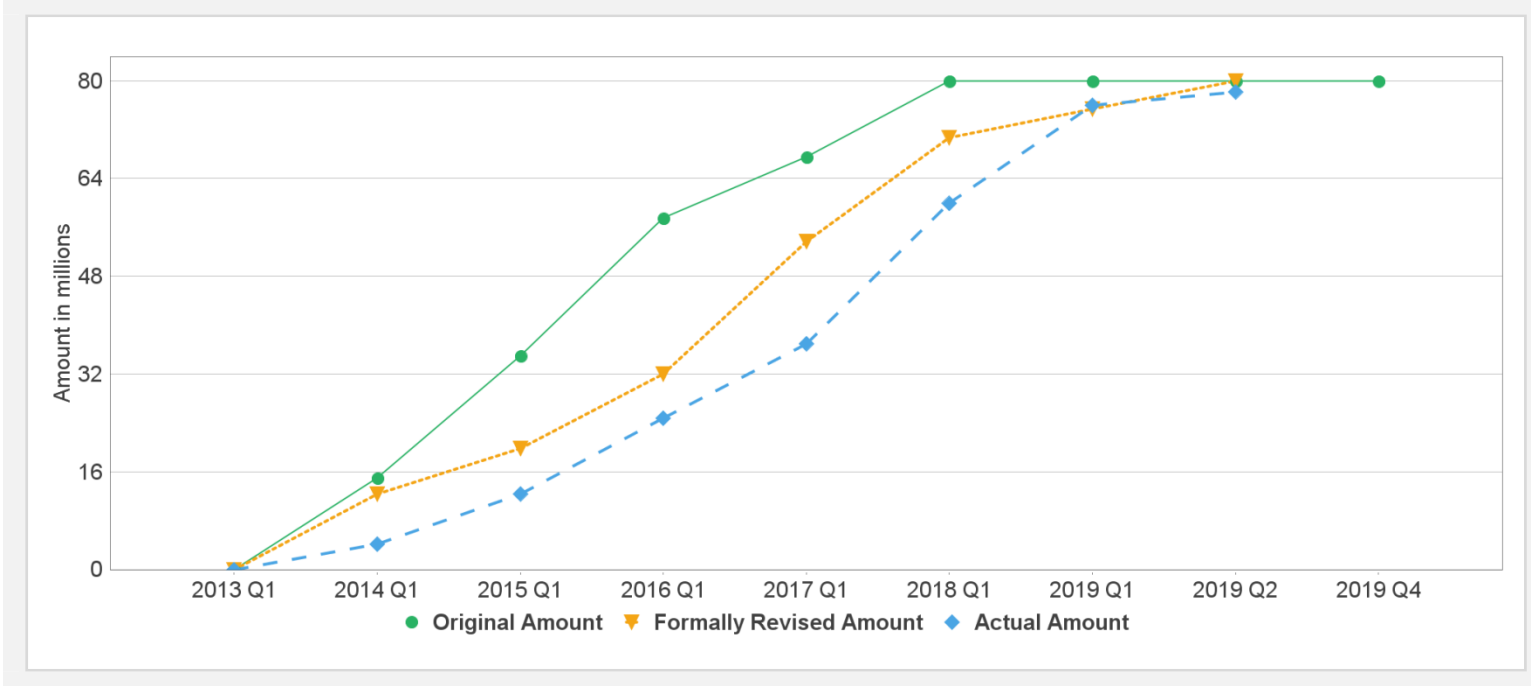
Key Dates (by loan)

Project	Loan/Credit/TF	Status	Approval Date	Signing Date	Effectiveness Date	Orig. Closing Date	Rev. Closing Date
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P117243 IBRD-81880 Effective 02-Aug-2012 12-Sep-2012 25-Oct-2012 30-Sep-2017 30-Jun-2019

Cumulative Disbursements



Restructuring History

Level 2 Approved on 09-Jun-2016

Related Project(s)

There are no related projects.