



## 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: 12 | ARCHIVED on 15-Jun-2018 | ISR33000 |

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, for example, in upgrading research facilities and in the training of researchers. As noted during previous missions, however, 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 is 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 soon be concluded. The next Implementation Support Mission is scheduled for November 2018 and will focus on reporting and documenting results and measuring impact 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	● Low
Stakeholders	--	● Low	● Low
Other	--	--	--
Overall	--	● Substantial	● Substantial

## Results

### Project Development Objective Indicators

#### ► Farmers adopting improved agricultural technology (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	62.00	234.00	72.00
Date	01-Jul-2012	30-Mar-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	579.00	1,157.00	1,290.00
Date	01-Jul-2012	20-Nov-2017	31-Dec-2017	28-Jun-2019

Comments

This indicator is being reviewed as new data has been made available.

► External Funding (Percentage, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	9.30	2.28	11.90	12.50
Date	01-Jul-2012	30-Mar-2017	31-Dec-2017	28-Jun-2019

**Comments**

This indicator is being reviewed as new data has been made available.

**Overall Comments**

All indicators are currently being reviewed and updated with new data that has recently been made available.

**Intermediate Results Indicators**

▶ percentage of IAARD staff that are researchers (Percentage, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	26.00	24.95	26.00	33.00
Date	01-Jul-2012	30-Mar-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
Date	01-Jul-2012	--	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	1,140.00	67.00	59.40
Date	30-Oct-2013	30-Mar-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.



--

► IAARD Budget devoted to research and dissemination (Percentage, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	25.00	100.00	23.00	35.00
Date	01-Jul-2012	30-Mar-2017	31-Dec-2017	28-Jun-2019

Comments

This indicator is being reviewed as new data has been made available.

► number of laboratories supported under SMARTD accredited nationally and internationally (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	13.00	22.00	26.00	21.00
Date	30-Oct-2013	30-Mar-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	0.00	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	5.00	6.00	10.00
Date	01-Jul-2012	30-Mar-2017	31-Dec-2017	28-Jun-2019

► Collaborative research/extension sub-projects under implementation/completed (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	773.00	713.00	503.00	668.00
Date	01-Jul-2012	30-Mar-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	112.00	133.00	77.00
Date	01-Jul-2012	30-Mar-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	23.00	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.

Overall Comments

All indicators are currently being reviewed and updated with new data that has recently been made available, which will affect baseline data and targets. A full assessment of the project's M&E function and interpretation of latest results will be reported on during the next ISM in November 2018.

## Data on Financial Performance

### Disbursements (by loan)

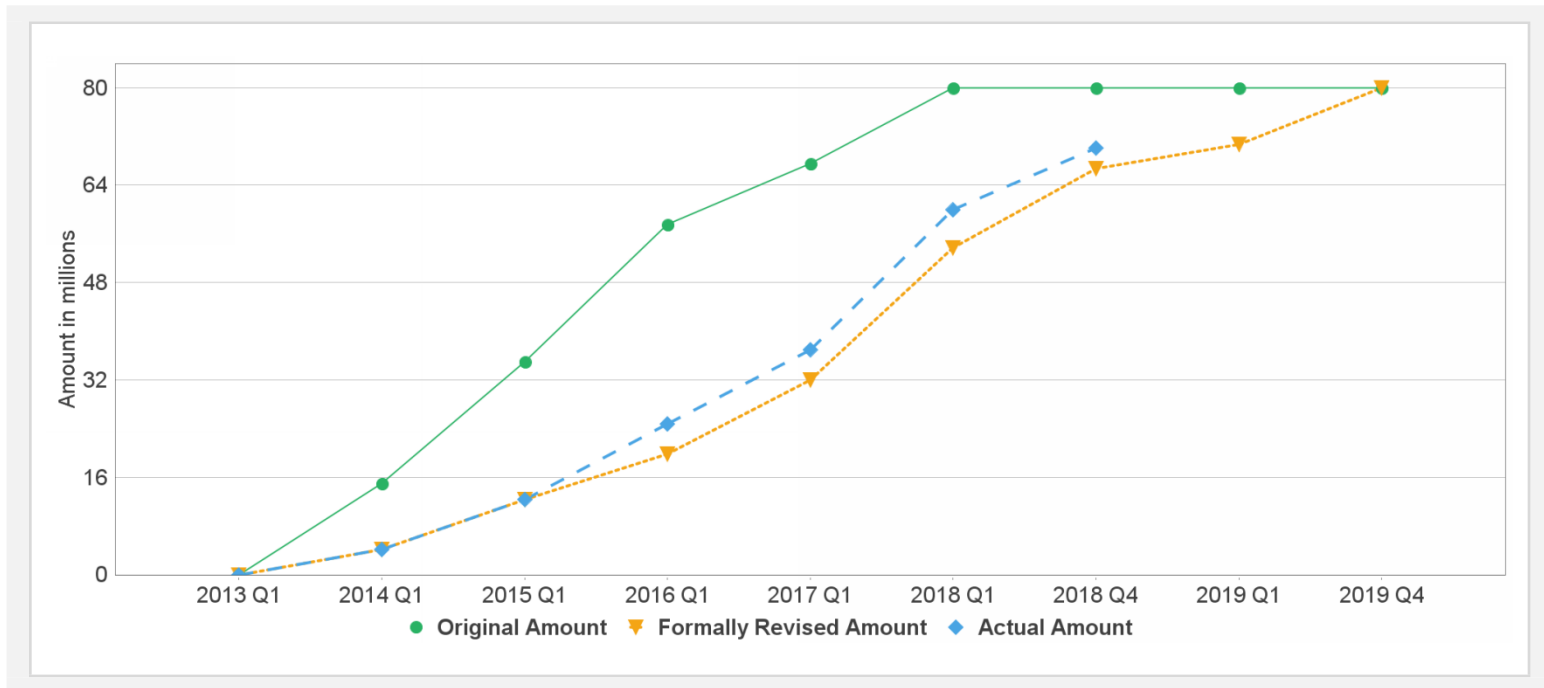
Project	Loan/Credit/TF	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	Disbursed
P117243	IBRD-81880	Effective	USD	80.00	80.00	0.00	70.12	9.88	 88%

### Key Dates (by loan)

Project	Loan/Credit/TF	Status	Approval Date	Signing Date	Effectiveness Date	Orig. Closing Date	Rev. Closing Date
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.