

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

EAST ASIA AND PACIFIC | Indonesia | Agriculture Global Practice |
 IBRD/IDA | Specific Investment Loan | FY 2013 | Seq No: 7 | ARCHIVED on 30-Dec-2015 | ISR21471 |

Implementing Agencies:

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-Sep-2017

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 Unsatisfactory	● Moderately Unsatisfactory
Overall Implementation Progress (IP)	● Moderately Unsatisfactory	● Moderately Unsatisfactory
Overall Risk Rating	● Substantial	● Substantial



Implementation Status and Key Decisions

Since the mid-term review (March 16-28, 2015), the mission observed some progress in the project implementation. The mission noted significant progress in training under Component A. The project has already sent 96 researchers to pursue a Master's degree (60) and PhD degree (36). Fifteen researchers (out of a target of 69) are participating in the postdoctoral program. Less participants attending international workshops/seminars/conferences due to a Ministry of Agriculture (MOA) policy that restricts government staff from traveling abroad (71 only out of 818). Evaluation of returned trainees has been conducted to assess their contribution upon their return to their respective working units.

Nano technology under Indonesia Center for Agriculture Post Harvest Technology Research Development (ICAPOSTRD) has been fully functional, and is recognized by other research institutions and private sectors.

The competitive research grants under Component C continued progressing and implemented successfully. It was reported that 42 technologies have been disseminated by AIAT and are being applied by farmers surrounding technology demonstration sites.

Under Component D notable progress has been made toward completing the M&E System, the completion of which is recognized as a high priority, an online monitoring and evaluation system is at completion stage, and is expected to be operational by end of January 2016.

Action plan has been recommended to accelerate the project implementation and it will be reviewed at the next mission in March / April 2016.





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

- ▶ Clients who have adopted an improved agr. technology promoted by the project (Number, Core)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	30.00	--	46.00	50.00
Date	01-Jul-2012	01-May-2015	30-Sep-2015	31-Oct-2017

▲ Clients who adopted an improved agr. technology promoted by project – female (Number, Core Breakdown)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	1.00	--	3.40	1.00
Date	24-May-2013	31-May-2014	30-Sep-2015	31-Oct-2017

▶ Technologies demonstrated in the project areas (number) (Number, Core)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	32.00	330.00	52.00	72.00
Date	01-Jul-2012	01-May-2015	30-Sep-2015	31-Oct-2017

Comments

The current achievement is only focused on technology disseminated by Assessment Institute for Agricultural Technology (AIATs) in current year using a census method. While the previous figures are obtained from all research centers which might not all for dissemination purposes. AIATs has a mandate to disseminate technologies from research centers to end users, particularly farmers. While research centers has a mandate to produce new technologies, and in some cases research centers collaborate with farmers to test technologies.

▶ Publications in international peer reviewed journals (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	9.00	65.00	514.00	41.00
Date	01-Jul-2012	31-Mar-2015	30-Sep-2015	30-Sep-2017

Comments

The previous figure is obtained only from Indonesia Center for Agricultural Library which counts only articles financed by this center. While the current figure is obtained from IAARD personnel data base in which one of the data collected is publications produced by each research publicized in international peer reviewed journals. Hence, the current figure is increased significantly.



► External Funding (Percentage, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	3.80	11.00	0.35	12.50
Date	01-Jul-2012	01-May-2015	30-Sep-2015	31-Oct-2017

Comments

the decline of the external funding is due to the current policy under IAARD indicating that the external funding with less than IDR 500 billions is rejected.

Overall Comments

Overall the mission rates the monitoring and evaluation performance of the project as *Moderately Satisfactory* with the condition that remaining issues are addressed latest by next IS mission and by June 2016 by which date the project will have a fully functional M&E system which is being used for evaluation purposes.

The mission noted that there has been significant progress in the development of the M&E system since the MTR. The PMU has developed a data-collection schedule, has assigned responsibilities for M&E, is close to completing the MIS, and is putting in place remaining monitoring methodologies and definitions. This progress is commendable, given the scale of the M&E issues that were highlighted during the MTR. However, the mission notes that the remaining tasks for completing the M&E system will require substantial attention and effort.

Intermediate Results Indicators

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

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	25.23	24.35	24.37	33.00
Date	01-Jul-2012	31-Mar-2015	30-Sep-2015	31-Oct-2017

▶ IAARD Researchers with MSc and/or PhD (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	1161.00	1154.00	1591.00	1624.00
Date	30-Oct-2013	31-Mar-2015	30-Sep-2015	31-Oct-2017

▶ IAARD Budget devoted to research (Percentage, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	26.12	68.00	100.00	35.00
Date	01-Jul-2012	31-Dec-2014	30-Sep-2015	31-Oct-2017

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

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	15.00	15.00	15.00	21.00
Date	30-Oct-2013	30-Oct-2013	30-Sep-2015	31-Oct-2017

Comments

in September 2015 the IAARD accreditation team is still working in preparing documents for accreditation application

▶ 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	0.00	8.00
Date	01-Jul-2012	16-Nov-2014	30-Sep-2015	30-Sep-2017

Comments

in September 2015 the IAARD accreditation team is still working in preparing documents for accreditation application

▶ Number of laboratories supported under SMARTD involved in international research networking (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	7.00	5.00	10.00
Date	01-Jul-2012	31-Mar-2015	30-Sep-2015	31-Oct-2017

Comments

Two networking is no longer exist

▶ Collaborative research/extension sub-projects under implementation/completed (Number, Core)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	181.00	370.00	565.00	668.00
Date	01-Jul-2012	31-Mar-2015	30-Sep-2015	30-Sep-2017

▲ Collaborative research or extension sub-projects - under implementation (Number, Core Breakdown)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	181.00	196.00	218.00	200.00
Date	01-Jul-2012	16-Nov-2014	30-Sep-2015	30-Sep-2017

▲ Collaborative research or extension sub-projects - completed (number) (Number, Core Breakdown)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	508.00	347.00	300.00
Date	01-Jul-2012	31-Mar-2015	30-Sep-2015	30-Sep-2017

► Patents and Licences (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	29.00	85.00	100.00	37.00
Date	01-Jul-2012	16-Nov-2014	30-Sep-2015	30-Sep-2017

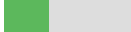
► Dissemination area (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	1.00	1.00	13.00	1.40
Date	01-Jul-2012	31-Oct-2013	30-Sep-2015	30-Sep-2017

Overall Comments

Progressive incremental gains by intermediate results indicators were noted during the mission.

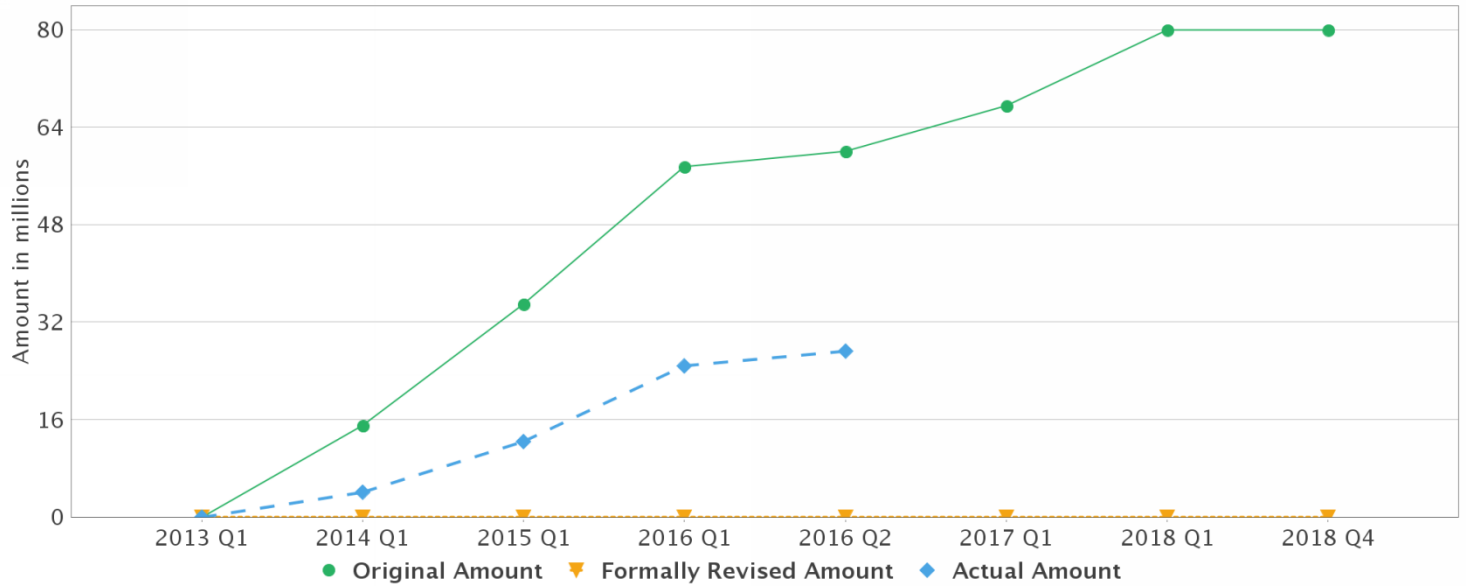
Data on Financial Performance
Disbursements (by loan)

Project	Loan/Credit/TF	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	Disbursed
P117243	IBRD-81880	Effective	USD	80.00	80.00	0.00	27.26	52.74	 34%

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-Sep-2017

Cumulative Disbursements



Restructuring History

There has been no restructuring to date.

Related Project(s)

There are no related projects.