



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: 10 | ARCHIVED on 25-May-2017 | ISR27787 |

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) | ● Satisfactory | ● Satisfactory |
| Overall Risk Rating | ● Substantial | ● Substantial |

Implementation Status and Key Decisions

The SMARTD Project has clearly demonstrated that it has the necessary mechanisms and overall management capabilities in place to ensure efficient and effective implementation and is upgraded based on its satisfactory performance and its contribution to the Project development objectives. Along with the acceleration of disbursement since the midterm review (MTR), SMARTD has achieved significant progress in most investment activities and components. For example, SMARTD is contributing to the improvement of IAARD's staff capacity by financing 138 researchers to pursue degree programs (78 for MS degrees and 60 for PhD degrees) overseas and through training and exchange visits. Also, the program has led to the upgrading of 27 IAARD laboratories and 9 research stations of the IAARD system; and there has been substantial progress in funding research grants on prioritized and local need themes. The Competitive research grants projects to date are 421 packages. SMARTD dissemination activities are also in full swing. In 2016, large scale (min. of 10 ha) farming demonstration for "Jajar Legowo Super/Jarwo Super and high yield variety of rice was conducted in 13 provinces with a total coverage of 230 ha, involving 698 farmers as cooperators. In 2017, Large scale farming demonstration for "Proliga" technology package for shallot and chili is on-going.

Next Project implementation mission will be in October 2017 (date to be confirmed) where the SMARTD implementation status will be further reviewed.

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 | 57.00 | 57.00 | 50.00 |
| Date | 01-Jul-2012 | 17-Oct-2016 | 30-Mar-2017 | 28-Jun-2019 |

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

| | Baseline | Actual (Previous) | Actual (Current) | End Target |
|-------|-------------|-------------------|------------------|-------------|
| Value | 1.00 | 5.11 | 5.11 | 12.00 |
| Date | 24-May-2013 | 17-Oct-2016 | 17-Oct-2016 | 28-Jun-2019 |

► Technologies demonstrated in the project areas (number) (Number, Custom)

| | Baseline | Actual (Previous) | Actual (Current) | End Target |
|-------|-------------|-------------------|------------------|-------------|
| Value | 32.00 | 57.00 | 62.00 | 72.00 |
| Date | 01-Jul-2012 | 17-Oct-2016 | 30-Mar-2017 | 28-Jun-2019 |

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

| | Baseline | Actual (Previous) | Actual (Current) | End Target |
|-------|----------|-------------------|------------------|------------|
| Value | 9.00 | 536.00 | 536.00 | 41.00 |

| | | | | |
|------|-------------|-------------|-------------|-------------|
| Date | 01-Jul-2012 | 17-Oct-2016 | 30-Mar-2017 | 28-Jun-2019 |
|------|-------------|-------------|-------------|-------------|

► External Funding (Percentage, Custom)

| | Baseline | Actual (Previous) | Actual (Current) | End Target |
|-------|-------------|-------------------|------------------|-------------|
| Value | 3.80 | 0.19 | 0.19 | 12.50 |
| Date | 01-Jul-2012 | 17-Oct-2016 | 30-Mar-2017 | 28-Jun-2019 |

Overall Comments

Note the data points are estimates and the data for 2016/17 are being processed.

Intermediate Results Indicators

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

| | Baseline | Actual (Previous) | Actual (Current) | End Target |
|-------|-------------|-------------------|------------------|-------------|
| Value | 25.23 | 24.95 | 24.95 | 33.00 |
| Date | 01-Jul-2012 | 17-Oct-2016 | 30-Mar-2017 | 28-Jun-2019 |

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

| | Baseline | Actual (Previous) | Actual (Current) | End Target |
|-------|-------------|-------------------|------------------|-------------|
| Value | 1,161.00 | 1,140.00 | 1,140.00 | 1,624.00 |
| Date | 30-Oct-2013 | 17-Oct-2016 | 30-Mar-2017 | 28-Jun-2019 |

▶ IAARD Budget devoted to research (Percentage, Custom)

| | Baseline | Actual (Previous) | Actual (Current) | End Target |
|-------|-------------|-------------------|------------------|-------------|
| Value | 26.12 | 100.00 | 100.00 | 100.00 |
| Date | 01-Jul-2012 | 17-Oct-2016 | 30-Mar-2017 | 28-Jun-2019 |

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

| | Baseline | Actual (Previous) | Actual (Current) | End Target |
|-------|-------------|-------------------|------------------|-------------|
| Value | 15.00 | 22.00 | 22.00 | 21.00 |
| Date | 30-Oct-2013 | 17-Oct-2016 | 30-Mar-2017 | 28-Jun-2019 |

▶ 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 | 17-Oct-2016 | 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 | 5.00 | 10.00 |
| Date | 01-Jul-2012 | 17-Oct-2016 | 30-Mar-2017 | 28-Jun-2019 |

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

| | Baseline | Actual (Previous) | Actual (Current) | End Target |
|-------|-------------|-------------------|------------------|-------------|
| Value | 181.00 | 713.00 | 713.00 | 668.00 |
| Date | 01-Jul-2012 | 17-Oct-2016 | 30-Mar-2017 | 28-Jun-2019 |

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

| | Baseline | Actual (Previous) | Actual (Current) | End Target |
|-------|-------------|-------------------|------------------|-------------|
| Value | 181.00 | 218.00 | 148.00 | 200.00 |
| Date | 01-Jul-2012 | 30-Dec-2015 | 30-Mar-2017 | 28-Jun-2019 |

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

| | Baseline | Actual (Previous) | Actual (Current) | End Target |
|-------|-------------|-------------------|------------------|-------------|
| Value | 0.00 | 447.00 | 447.00 | 300.00 |
| Date | 01-Jul-2012 | 17-Oct-2016 | 30-Mar-2017 | 28-Jun-2019 |

► Patents and Licences (Number, Custom)

| | Baseline | Actual (Previous) | Actual (Current) | End Target |
|-------|-------------|-------------------|------------------|-------------|
| Value | 29.00 | 112.00 | 112.00 | 37.00 |
| Date | 01-Jul-2012 | 17-Oct-2016 | 30-Mar-2017 | 28-Jun-2019 |


► Dissemination area (Number, Custom)

| | Baseline | Actual (Previous) | Actual (Current) | End Target |
|-------|-------------|-------------------|------------------|-------------|
| Value | 1.00 | 13.00 | 13.00 | 1.40 |
| Date | 01-Jul-2012 | 17-Oct-2016 | 30-Mar-2017 | 28-Jun-2019 |

Overall Comments

Data on Financial Performance

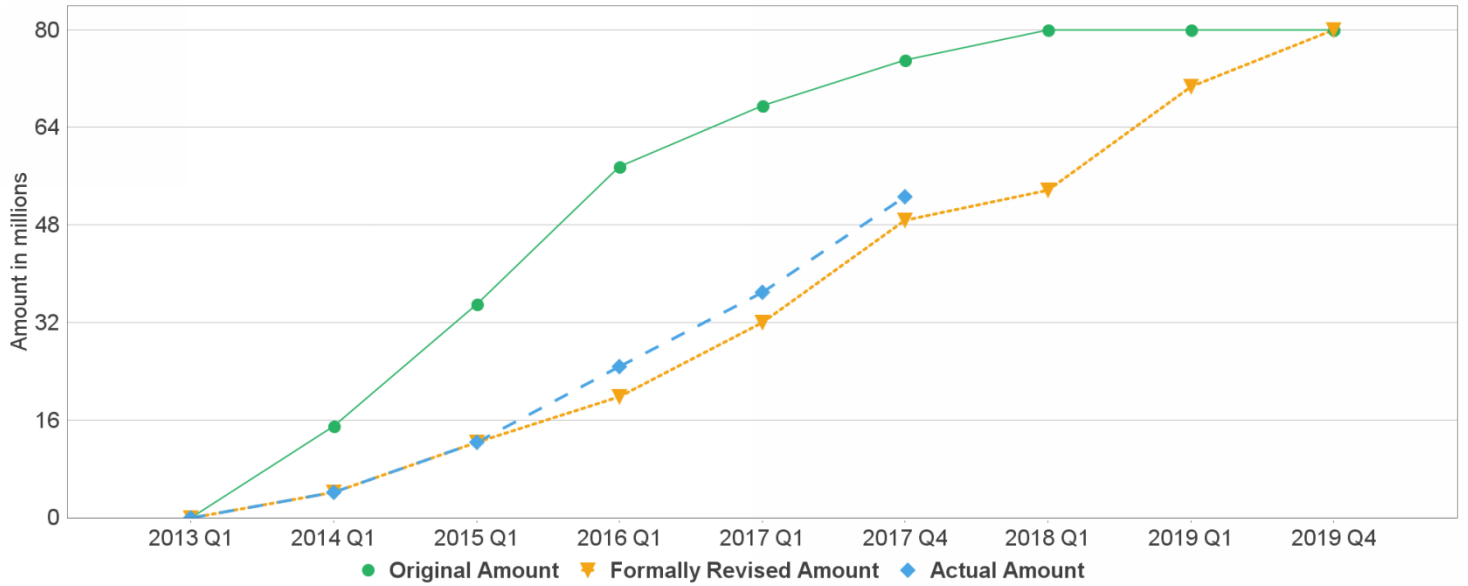
Disbursements (by loan)

| Project | Loan/Credit/TF | Status | Currency | Original | Revised | Cancelled | Disbursed | Undisbursed | Disbursed |
|---------|----------------|-----------|----------|----------|---------|-----------|-----------|-------------|---|
| P117243 | IBRD-81880 | Effective | USD | 80.00 | 80.00 | 0.00 | 52.65 | 27.35 |  66% |

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.