



## Agricultural Development Support Project (P147629)

EAST ASIA AND PACIFIC | Myanmar | Agriculture Global Practice |  
IBRD/IDA | Investment Project Financing | FY 2015 | Seq No: 10 | ARCHIVED on 21-Jun-2019 | ISR36308 |

Implementing Agencies: Republic of the Union of Myanmar, Ministry of Agriculture, Livestock and Irrigation

### Key Dates

#### Key Project Dates

Bank Approval Date: 23-Apr-2015	Effectiveness Date: 29-Sep-2015
Planned Mid Term Review Date: 24-Apr-2019	Actual Mid-Term Review Date: 25-Apr-2019
Original Closing Date: 30-Jun-2022	Revised Closing Date: 30-Jun-2022

### Project Development Objectives

Project Development Objective (from Project Appraisal Document)

The Project Development Objective is to increase crop yields and cropping intensity in the selected existing irrigation sites in the Recipient's Bago East, Nay Pyi Taw, Mandalay, and Sagaing regions.

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

Yes

Board Approved Revised Project Development Objective (If project is formally restructured)

The Project Development Objective is to increase crop yields and cropping intensity in the selected existing irrigation sites in the Recipient's Bago East, Nay Pyi Taw, Mandalay, and Sagaing regions, and, in the event of an Eligible Crisis or Emergency, to provide immediate and effective response to said Eligible Crisis or Emergency.

### Components

Name

1. Irrigation and Drainage Management:(Cost \$74.41 M)
2. Farm Advisory and Technical Services:(Cost \$16.20 M)
3. Project Coordination and Management:(Cost \$4.40 M)
4. Contingent Emergency Response:(Cost \$4.99 M)

### Overall Ratings

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

### Implementation Status and Key Decisions



The overall project implementation has significantly improved during the 2018/19 Annual Work Plan and Budget (AWPB). The current disbursement stood at about US\$30 million, accounting a third of the total IDA budget. As per the approved work plan and budget, there was positive progress observed in all the project component activities. Those include completion of irrigation systems structures and canal lining in North Yamar and Sinthe Irrigation systems; awareness campaigns and sensitization training in Malay Nattaung and Swa system areas; provision of advisory services to the project beneficiaries such as use of agricultural machinery demonstrations, extension services, farm field demonstrations of several technologies, nutrition training etc. (capacity building). Such services were provided by the responsible implementing departments and divisions of the Ministry of Agriculture, Livestock and Irrigation (MOALI). Technology demonstrations to farmers in the irrigation systems were continued during the monsoon season. Project also mobilized resources to address immediate responses to the Swa Chaung broken spillway in East Bago irrigation system and the construction of a temporary weir.

## Risks

### Systematic Operations Risk-rating Tool

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

## Results

### PDO Indicators by Objectives / Outcomes

Beneficiaries reached				
▶ Direct project beneficiaries (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	22,252.00	33,688.00	120,000.00
Date	30-Oct-2014	30-Oct-2018	07-May-2019	30-Jun-2022
Comments:	Actual data reflected based on 2017 Annual Progress Report and the May implementation support mission findings.			
▲ Female beneficiaries (Percentage, Custom Supplement)				



	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	21.00	23.00	25.00
<b>►Farmers reached with agricultural assets or services (Number, Corporate)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	8,400.00	33,688.00	120,000.00
Date	30-Oct-2014	30-Oct-2018	07-May-2019	30-Jun-2022
<b>▲Farmers reached with agricultural assets or services - Female (Number, Corporate Supplement)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	280.00	7,863.00	2,200.00

<b>Productivity improved</b>				
<b>►Average yields of selected crops in project areas increased (Percentage, Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	58.00	25.00
Date	30-Oct-2014	30-Oct-2018	07-May-2019	30-Jun-2022
Comments:	The Sinthe and North Yamar where main canal works has been completed will allow for yield monitoring next season.			
<b>▲Paddy rice (wet season) (Percentage, Custom Breakdown)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	70.00	25.00
Date	30-Oct-2014	30-Oct-2018	07-May-2019	30-Jun-2022
<b>▲Paddy rice (dry season) (Percentage, Custom Breakdown)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	48.00	30.00
Date	30-Oct-2014	30-Oct-2018	07-May-2019	30-Jun-2022
<b>▲Blackgram (Percentage, Custom Breakdown)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	0.00	30.00
Date	30-Oct-2014	--	07-May-2019	30-Jun-2022
<b>►Cropping intensity in project areas increased (Percentage, Custom)</b>				



	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	120.00	0.00	136.00	160.00
Date	30-Oct-2014	31-May-2018	07-May-2019	30-Jun-2022
<b>►Farmers adopting improved agricultural technology (Number, Corporate)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	8,088.00	22,000.00
Date	30-Oct-2014	30-Oct-2018	07-May-2019	30-Jun-2022
Comments:	Actual data has not yet been computed and awaiting survey.			
<b>▲Farmers adopting improved agricultural technology - Female (Number, Corporate Supplement)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	27.00	25.00
<b>▲Farmers adopting improved agricultural technology - male (Number, Corporate Supplement)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	73.00	75.00

## Overall Comments

Yield data (paddy- wet season and dry season and other crops) were taken from completed main canal irrigation rehabilitation areas of selected batch 1 sites only. These also reflect maximum yield per site and not overall average yield per site (some overestimation may have occurred with this approach). Since by end of this financial year, all four batch 1 sites main canal systems would have been rehabilitated, the overall project yields (maximum, minimum and average data) are expected to be reported on while taking in to account intra and inter variabilities in the fields of batch 1 irrigation sites.

## Intermediate Results Indicators by Components

<b>1. Irrigation and Drainage Management</b>				
<b>►Area provided with irrigation and drainage services (ha) (Hectare(Ha), Corporate)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	5,808.00	19,595.00	35,000.00
Date	30-Oct-2014	30-Oct-2018	07-May-2019	30-Jun-2022
Comments:	Actual data reflected based on 2017 Annual Progress Report and the May implementation support mission findings.			



▶Share of irrigable area where rehabilitation works have been completed under the project (Hectare(Ha), Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	3,900.00	3,900.00	35,000.00
Date	30-Oct-2015	30-Oct-2018	07-May-2019	30-Jun-2022
▶Pre-feasibility land assessment of command area completed (Hectare(Ha), Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	26,866.00	26,866.00	35,000.00
Date	30-Oct-2015	30-Oct-2018	07-May-2019	30-Jun-2022
Comments:	Actual data reflected based on 2017 Annual Progress Report and the May implementation support mission findings.			
▶Water users provided with new/improved irrigation and drainage services (number) (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	77.00	2,863.00	22,000.00
Date	30-Oct-2014	30-Oct-2018	07-May-2019	30-Jun-2022
Comments:	Actual data reflected based on 2017 Annual Progress Report and the May implementation support mission findings.			
▲Water users provided with irrigation and drainage services - female (number) (Number, Custom Breakdown)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	3.00	86.00	2,200.00
Date	30-Oct-2014	30-Oct-2018	07-May-2019	30-Jun-2022
▶Operational water user associations created and/or strengthened (number) (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	6.00	6.00	280.00
Date	30-Oct-2014	30-Oct-2018	07-May-2019	30-Jun-2022
Comments:	Actual data reflected based on 2017 Annual Progress Report and the May implementation support mission findings.			

## 2. Farm Advisory and Technical Services

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

	Baseline	Actual (Previous)	Actual (Current)	End Target
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Value	0.00	27.00	22.00	56.00
Date	30-Oct-2014	30-Oct-2018	07-May-2019	30-Jun-2022
Comments:	Actual data reflected based on 2017 Annual Progress Report and the May implementation support mission findings.			
<b>►Clients who have adopted an improved agr. technology promoted by the project (Number, Corporate)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	8,088.00	11,000.00
Date	30-Oct-2014	30-Oct-2018	07-May-2019	30-Jun-2022
Comments:	Actual data reflected based on 2017 Annual Progress Report and the May implementation support mission findings.			
<b>▲Clients who adopted an improved agr. technology promoted by project – female (Number, Custom Breakdown)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	2,158.00	1,100.00
Date	30-Oct-2014	30-Oct-2018	07-May-2019	30-Jun-2022
<b>►Targeted clients satisfied with agricultural services (percentage) (Percentage, Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	75.00	60.00
Date	30-Oct-2014	30-Oct-2018	07-May-2019	30-Jun-2022
Comments:	Actual data reflected based on 2018 Annual Progress Report and the May implementation support mission findings.			
<b>▲Targeted clients satisfied with agricultural services - male (number) (Number, Custom Supplement)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	10,613.00	90,000.00
<b>▲Targeted clients satisfied with agricultural services - female (number) (Number, Custom Supplement)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	4,628.00	30,000.00
<b>▲Targeted clients- male (number) (Number, Custom Supplement)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	22,965.00	90,000.00
<b>▲Targeted clients – female (number) (Number, Custom Supplement)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target



Value	0.00	0.00	7,860.00	30,000.00
<b>►Land area where sustainable land mgt. practices were adopted as a result of proj (Hectare(Ha), Corporate)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	2.00	35.40	10,500.00
Date	30-Oct-2014	30-Oct-2018	07-May-2019	30-Jun-2022
Comments:	Actual data reflected based on 2017 Annual Progress Report and the May implementation support mission findings.			
<b>►Land users adopting sustainable land mgt. practices as a result of the project (Number, Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	8,030.00	6,500.00
Date	30-Oct-2014	30-Oct-2018	07-May-2019	30-Jun-2022
Comments:	Actual data reflected based on 2017 Annual Progress Report and the May implementation support mission findings.			
<b>▲Land users adopting SLM practices as a result of the project - female (Number, Custom Supplement)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	2,099.00	600.00
<b>►Client days of training provided (number) (Number, Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	25.00	38,100.00	30,000.00
Date	30-Oct-2014	30-Oct-2018	07-May-2019	30-Jun-2022
Comments:	Actual data reflected based on 2017 Annual Progress Report and the May implementation support mission findings.			
<b>▲Client days of training provided - Female (number) (Number, Custom Breakdown)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	5.00	7,349.00	3,000.00
Date	30-Oct-2014	30-Oct-2018	07-May-2019	30-Jun-2022

### 3. Project Coordination and Management

#### ►Project progress reports submitted on time (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	2.00	5.00	14.00



Date	30-Oct-2014	30-Oct-2018	07-May-2019	30-Jun-2022
Comments:	Actual data reflected based on 2017 Annual Progress Report and the May implementation support mission findings.			
<b>►Annual audit report submitted on time (Yes/No, Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No	No	Yes	Yes
Date	30-Oct-2014	30-Oct-2018	07-May-2019	30-Jun-2022
Comments:	Actual data reflected based on 2017 Annual Progress Report and the May implementation support mission findings.			

<b>4. Contingent Emergency Response</b>				
<b>►Goods procured and distributed as outlines in the CERIP (Yes/No, Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No	No	Yes	Yes
Date	14-Jun-2016	30-Oct-2018	07-May-2019	14-Jun-2017
Comments:	UNPOS have delivered the goods but are only partially distributed by DOA-MOALI as per implementation support mission findings.			

## Data on Financial Performance

### Disbursements (by loan)

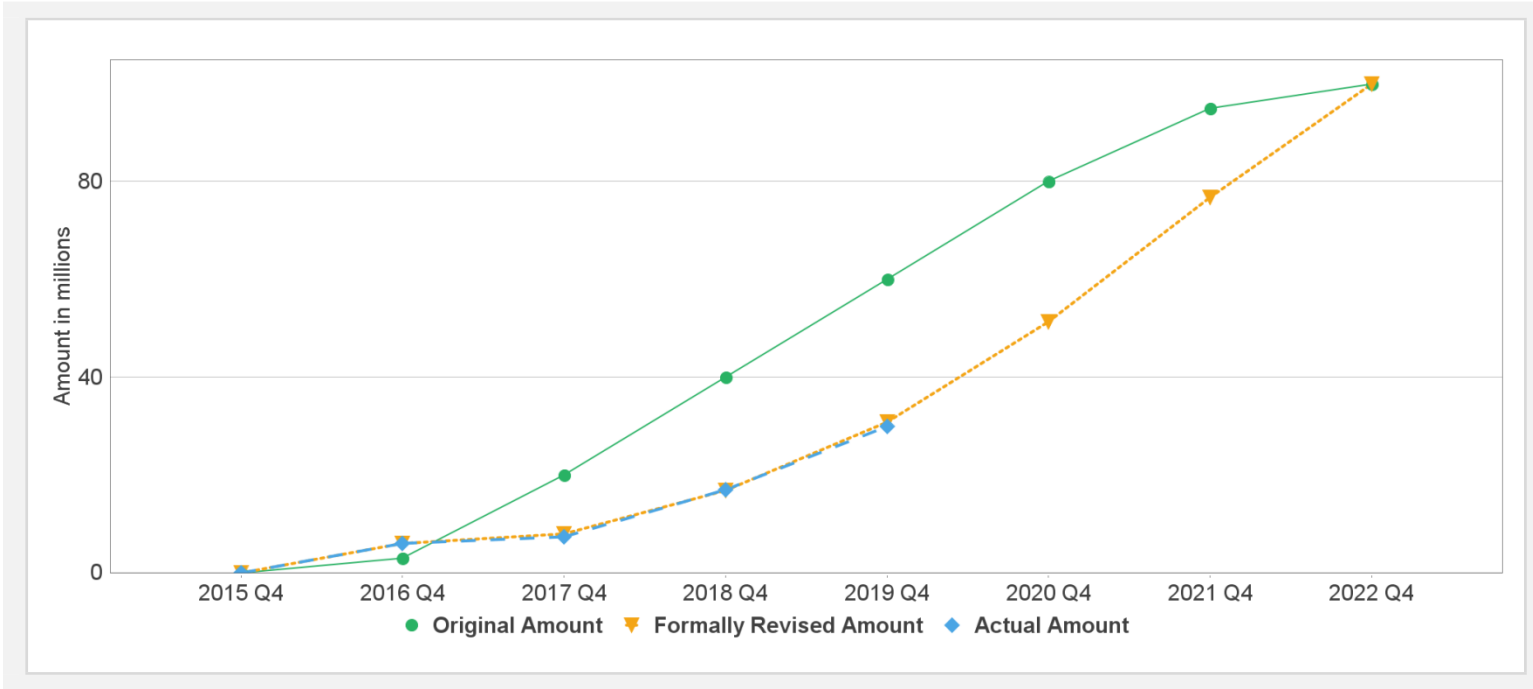
Project	Loan/Credit/TF	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	% Disbursed
P147629	IDA-56240	Effective	USD	100.00	100.00	0.00	29.86	68.95	30%

### Key Dates (by loan)

Project	Loan/Credit/TF	Status	Approval Date	Signing Date	Effectiveness Date	Orig. Closing Date	Rev. Closing Date
P147629	IDA-56240	Effective	23-Apr-2015	09-Sep-2015	29-Sep-2015	30-Jun-2022	30-Jun-2022

### Cumulative Disbursements





### Restructuring History

Level 1 Approved on 14-Jun-2016 ,Level 2 Approved on 05-Apr-2018

### Related Project(s)

There are no related projects.