



## Mekong Delta Integrated Climate Resilience and Sustainable Livelihoods Project (P153544)

EAST ASIA AND PACIFIC | Vietnam | Environment, Natural Resources & the Blue Economy Global Practice | IBRD/IDA | Investment Project Financing | FY 2016 | Seq No: 11 | ARCHIVED on 30-Mar-2022 | ISR50482 |

Implementing Agencies: State Bank of Viet Nam, Ministry of Agriculture and Rural Development, Ministry of Planning and Investment, Ministry of Natural Resources and Environment, Vietnam

**Key Dates****Key Project Dates**

Bank Approval Date: 10-Jun-2016

Effectiveness Date: 23-Nov-2016

Planned Mid Term Review Date: 14-Oct-2019

Actual Mid-Term Review Date: 22-Oct-2019

Original Closing Date: 31-Dec-2022

Revised Closing Date: 31-Dec-2022

**Project Development Objectives**

Project Development Objective (from Project Appraisal Document)

The project development objectives (PDO) are to enhance tools for climate-smart planning and improve climate resilience of land and water management practices in selected provinces of the Mekong Delta in Vietnam.

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

No

**Components Table**

Name

Component 1: Enhancing Monitoring, Analytics, and Information Systems:(Cost \$56.40 M)

Component 2: Managing Floods in the Upper Delta:(Cost \$79.20 M)

Component 3: Adapting to Salinity Transitions in the Delta Estuary:(Cost \$81.60 M)

Component 4: Protecting Coastal Areas in the Delta Peninsula:(Cost \$81.90 M)

Component 5: Project Management and Implementation Support:(Cost \$10.90 M)

**Overall Ratings**

Name	Previous Rating	Current Rating
Progress towards achievement of PDO	<input type="checkbox"/> Moderately Satisfactory	<input type="checkbox"/> Moderately Unsatisfactory
Overall Implementation Progress (IP)	<input type="checkbox"/> Moderately Satisfactory	<input type="checkbox"/> Moderately Unsatisfactory
Overall Risk Rating	<input type="checkbox"/> Substantial	<input type="checkbox"/> Substantial

**Implementation Status and Key Decisions**

The project continues to accelerate implementation and progress toward achieving its objectives, but still lags behind original implementation plans with less than a year to the closing date. Upgrading of the data collection system has further progressed. Construction of all monitoring stations (for both groundwater and surface water) and the remote sensing station upgrade are in final phase and expected to be completed by June 2022.

Monitoring data and study reports (resulting from project activities) have been made available to relevant beneficiary agencies. The Mekong Delta Regional Master Plan was approved by the Prime Minister on February 28, 2022. The construction of sluices, dikes, embankments and other civil works in all project provinces are underway. Participating provincial and central government agencies recognize the need to continue accelerating the pace of implementation, especially of the livelihood transformation activities and adoption of climate-smart practices at the household level, and



have put in place mechanisms to facilitate further implementation progress and achievement of project results. Some indicators and targets were formally revised (in February 2022) to more accurately reflect specific project activities and investments and better capture outcomes. A detailed assessment of delayed subprojects and investment activities is underway. The results of this assessment could lead to consideration of further project restructuring or closing date extension.

Risks

Systematic Operations Risk-rating Tool

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

Results

PDO Indicators by Objectives / Outcomes

• Enhance tools for climate-smart planning in the Mekong Delta				
▶ Access to relevant data and information on key parameters from MONRE for informing climate resilient planning (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.50	1.00	4.00
Date	01-Mar-2016	20-May-2020	31-Dec-2021	31-Dec-2022
Comments:	Unit of measure: Score (0-4)			
▶ Provincial and central stakeholders engagement informed the formulation of the Mekong Integrated Regional Master Plan (Number, Custom)				



	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	1,266.00	1,889.00	1,500.00
Date	01-Mar-2016	20-May-2020	31-Dec-2021	31-Dec-2022

• Improve climate resilience of land and water mgmt practices in selected Mekong Delta provinces

▶ Area with climate resilient land and water management practices supported by the project (Hectare(Ha), Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	3,270.00	99,857.00	200,000.00
Date	01-Mar-2016	20-May-2020	31-Dec-2021	31-Dec-2022

▶ Project supported farm households who have adopted climate resilient land and water management practices (Percentage, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	49.50	75.00
Date	01-Mar-2016	20-May-2020	31-Dec-2021	31-Dec-2022

▶ Direct project beneficiaries, (of which female) (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	48,145.00	392,854.00	1,200,000.00
Date	01-Mar-2016	20-May-2020	31-Dec-2021	31-Dec-2022

Comments: Unit of measure: Number (%). This indicator comes with a sub-indicator measuring the percentage of female beneficiary (%). The target for female beneficiaries is 40%.

**Intermediate Results Indicators by Components**

Component 1: Enhancing Monitoring, Analytics, and Information Systems

▶ Mekong Delta Center established (Yes/No, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No	No	No	Yes
Date	01-Mar-2016	20-May-2020	31-Dec-2021	31-Dec-2022

▶ Specialized studies supported by the project to facilitate climate resilient decision making (Number, Custom)



	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	4.00
Date	01-Mar-2016	20-May-2020	31-Dec-2021	31-Dec-2022
Comments:	Note that the end target of this indicator is actually 3 instead of 4 (typo mistake). This will be updated soon on the system.			
<b>► Monitoring stations established or upgraded through project support, and fully operational (Number, Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	38.00	38.00	50.00
Date	01-Mar-2016	20-May-2020	31-Dec-2021	31-Dec-2022

## Component 2: Managing Floods in the Upper Delta

**► Project supported farm households in selected provinces transitioned to third rice crop alternatives (Percentage, Custom)**

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	75.00
Date	01-Mar-2016	20-May-2020	31-Dec-2021	31-Dec-2022

**► Flood retention areas with water management infrastructure supported by the project (Hectare(Ha), Custom)**

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	24,000.00
Date	01-Mar-2016	20-May-2020	31-Dec-2021	31-Dec-2022

**► August dikes rehabilitated and operational supported by the project (Kilometers, Custom)**

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	15.00	61.00
Date	01-Mar-2016	20-May-2020	31-Dec-2021	31-Dec-2022

**► August dike sluice gates constructed and operational supported by the project (Number, Custom)**

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	2.00	15.00
Date	01-Mar-2016	20-May-2020	31-Dec-2021	31-Dec-2022



Component 3: Adapting to Salinity Transitions in the Delta Estuary

► Farm households in selected provinces who have transitioned to climate resilient alternatives livelihoods supported by the project disaggregated by: (Percentage, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	44.20	75.00
Date	01-Mar-2016	20-May-2020	31-Dec-2021	31-Dec-2022

□ Estuary Provinces (Percentage, Custom Breakdown)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	44.20	75.00
Date	01-Mar-2016	20-May-2020	31-Dec-2021	31-Dec-2022

□ Peninsula Provinces (Percentage, Custom Breakdown)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	44.20	75.00
Date	01-Mar-2016	20-May-2020	31-Dec-2021	31-Dec-2022

► Brackish water aquaculture area in estuary provinces and peninsula provinces with sustainable and climate resilient infrastructure supported by the project disaggregated by: (Hectare(Ha), Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	2,123.00	85,000.00
Date	01-Mar-2016	20-May-2020	31-Dec-2021	31-Dec-2022

□ Estuary Provinces (Hectare(Ha), Custom Breakdown)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	2,123.00	45,000.00
Date	01-Mar-2016	20-May-2020	31-Dec-2021	31-Dec-2022

□ Peninsula Provinces (Hectare(Ha), Custom Breakdown)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	40,000.00
Date	01-Mar-2016	20-May-2020	31-Dec-2021	31-Dec-2022

► River bank and coast line protection supported by the project: (Kilometers, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
--	----------	-------------------	------------------	------------



Value	0.00	0.00	40.00	71.00
Date	01-Mar-2016	20-May-2020	31-Dec-2021	31-Dec-2022
☐ Coastal line (Kilometers, Custom Breakdown)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	12.00	22.00
Date	01-Mar-2016	20-May-2020	31-Dec-2021	31-Dec-2022
☐ River bank (Kilometers, Custom Breakdown)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	28.00	49.00
Date	01-Mar-2016	20-May-2020	31-Dec-2021	31-Dec-2022
▶ River Bank and coastal sluiceways constructed and operational through project support (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	3.00	3.00	6.00
Date	01-Mar-2016	20-May-2020	31-Dec-2021	31-Dec-2022
▶ Operational manuals for systems completed and adopted (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	1.00	3.00
Date	01-Mar-2016	--	31-Dec-2021	31-Dec-2022

<b>Component 4: Protecting Coastal Areas in the Delta Peninsula</b>				
▶ Coastal sluice gates constructed and operational through project support (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	4.00	9.00
Date	01-Mar-2016	20-May-2020	31-Dec-2021	31-Dec-2022
▶ River bank and coast line protection supported by the project: (Kilometers, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	56.06	80.00



Date	01-Mar-2016	20-May-2020	31-Dec-2021	31-Dec-2022
□ Coastal line (Kilometers, Custom Breakdown)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	9.73	19.00
Date	01-Mar-2016	14-Nov-2019	31-Dec-2021	31-Dec-2022
□ River bank (Kilometers, Custom Breakdown)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	46.33	61.00
Date	01-Mar-2016	14-Nov-2019	31-Dec-2021	31-Dec-2022
▶ Operational manuals for systems completed and adopted (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	0.00	2.00
Date	01-Mar-2016	--	31-Dec-2021	31-Dec-2022

## Performance-Based Conditions

### Data on Financial Performance

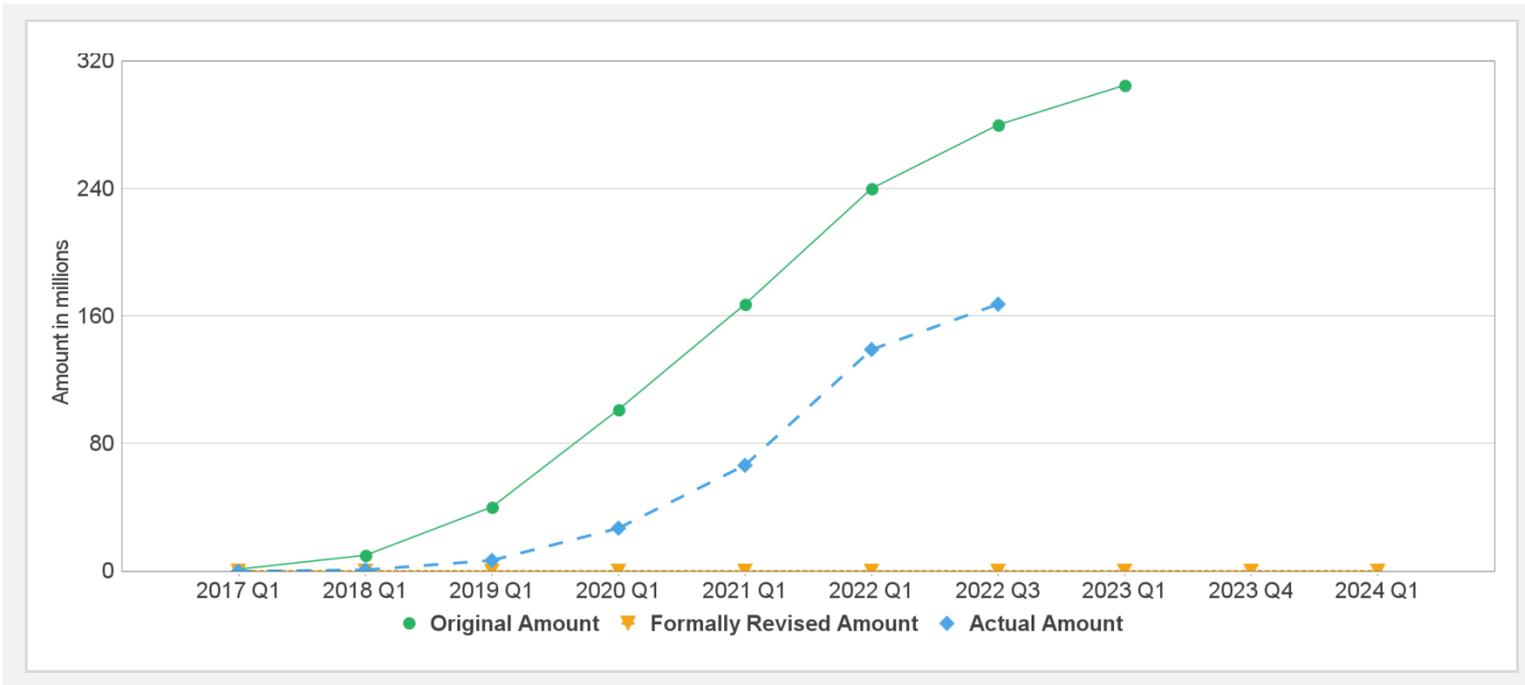
#### Disbursements (by loan)

Project	Loan/Credit/TF	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	% Disbursed
P153544	IDA-58450	Effective	USD	310.00	310.00	0.00	167.45	137.53	55%
P159976	TF-A8261	Effective	USD	6.09	6.09	0.00	1.03	5.06	17%

#### Key Dates (by loan)

Project	Loan/Credit/TF	Status	Approval Date	Signing Date	Effectiveness Date	Orig. Closing Date	Rev. Closing Date
P153544	IDA-58450	Effective	10-Jun-2016	11-Jul-2016	23-Nov-2016	31-Dec-2022	31-Dec-2022
P159976	TF-A8261	Effective	12-Oct-2018	12-Oct-2018	12-Oct-2018	31-Dec-2022	31-Dec-2022

## Cumulative Disbursements



### Restructuring History

Level 2 Approved on 10-Feb-2022

### Related Project(s)

P159976-GEF Mekong Delta Integrated Climate Resilience and Sustainable Livelihoods Project