



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: 13 | ARCHIVED on 27-Feb-2023 | ISR54756 |

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

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: 30-Jun-2024

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 Unsatisfactory	<input type="checkbox"/> Moderately Satisfactory
Overall Implementation Progress (IP)	<input type="checkbox"/> Moderately Satisfactory	<input type="checkbox"/> Moderately Satisfactory
Overall Risk Rating	<input type="checkbox"/> Substantial	<input type="checkbox"/> Moderate

Implementation Status and Key Decisions

In December 2022, an 18-month project extension was requested by the Government of Vietnam and approved by the World Bank. Most project activities, including all investments under 8 out of 16 subprojects, have now been completed. The extension is expected to allow for the completion of all remaining activities and full achievement of project PDO. Ongoing activities include the establishment of the Mekong Delta Center by MONRE, upgrading of August dykes in An Giang, construction of August dykes and sluice gates in Dong Thap, construction of sluice gates and embankments in Ben Tre, construction of river dykes in Soc Trang, construction of a freshwater reservoir in Ca Mau, and construction of sluice gates and the dredging of canals in Bac Lieu. Livelihoods activities have progressed well since ISM10, with the total number of farm households



adopting climate-resilient land and water management practices reaching over 118,000 (more than 85 percent of the project-end targets) by end of 2022.

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	☐ Moderate	☐ Moderate
Institutional Capacity for Implementation and Sustainability	☐ Substantial	☐ Substantial	☐ Moderate
Fiduciary	☐ Substantial	☐ Moderate	☐ Moderate
Environment and Social	☐ Substantial	☐ Substantial	☐ Substantial
Stakeholders	☐ Moderate	☐ Moderate	☐ Moderate
Other	--	--	--
Overall	☐ Substantial	☐ Substantial	☐ Moderate

Results

PDO Indicators by Objectives / Outcomes

<ul style="list-style-type: none"> Enhance tools for climate-smart planning in the Mekong Delta 				
<ul style="list-style-type: none"> ▶ 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	1.00	1.00	4.00
Date	01-Mar-2016	30-May-2022	20-Nov-2022	30-Jun-2024
Comments:	The indicator is measured as an index (a score of 0–4) based on stages, that is, data collection, drafting, consultation, finalization, and adoption by MONRE. Therefore, the targets are the following: No action (0), Data for preparing a draft assessment is collected (1), Stakeholder consultation to discuss a draft assessment is carried out (2), Assessment is finalized for submission to MONRE review (3), Assessment is adopted by MONRE (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	1,889.00	1,889.00	1,500.00
Date	01-Mar-2016	30-May-2022	20-Nov-2022	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	150,777.00	165,193.00	200,000.00
Date	01-Mar-2016	30-May-2022	20-Nov-2022	30-Jun-2024

► 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	75.33	80.00	75.00
Date	01-Mar-2016	30-May-2022	20-Nov-2022	30-Jun-2024

► Direct project beneficiaries, (of which female) (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	613,185.00	787,885.00	1,200,000.00
Date	01-Mar-2016	30-May-2022	20-Nov-2022	30-Jun-2024

Comments: Unit of measure: Number. Target is based on 240,000 households with an average household size of five people. This includes a sub-indicator (below) for percentage of beneficiaries who are female.

□ Percent of female beneficiaries (Percentage, Custom Supplement)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	49.00	49.00	40.00

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	30-May-2022	20-Nov-2022	30-Jun-2024
Comments:	The construction and establishment of the Mekong Delta Center is behind schedule with construction and IT setup ongoing. Construction commenced in June 2022 and procurement for IT works is being finalized. The full duration of the project extension is expected to be needed to achieve this indicator.			

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

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	1.00	2.00	4.00
Date	01-Mar-2016	30-May-2022	20-Nov-2022	30-Jun-2024
Comments:	Note that the end target of this indicator is actually 3 instead of 4 (typo mistake).			

► Monitoring stations established or upgraded through project support, and fully operational (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	51.00	58.00	50.00
Date	01-Mar-2016	30-May-2022	20-Nov-2022	30-Jun-2024

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	100.00	100.00	75.00
Date	01-Mar-2016	30-May-2022	20-Nov-2022	30-Jun-2024

► 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	30-May-2022	20-Nov-2022	30-Jun-2024

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

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	37.45	80.59	61.00



Date	01-Mar-2016	30-May-2022	20-Nov-2022	30-Jun-2024
► August dike sluice gates constructed and operational supported by the project (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	25.00	34.00	15.00
Date	01-Mar-2016	30-May-2022	20-Nov-2022	30-Jun-2024

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	76.00	82.19	75.00
Date	01-Mar-2016	30-May-2022	20-Nov-2022	30-Jun-2024
Comments:	Data for estuary and peninsula provinces is currently not disaggregated. Updates will be made in the next ISR to verify the percentage of estuary and peninsula provinces.			
□ Estuary Provinces (Percentage, Custom Breakdown)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	76.00	82.19	75.00
Date	01-Mar-2016	30-May-2022	20-Nov-2022	30-Jun-2024
□ Peninsula Provinces (Percentage, Custom Breakdown)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	76.00	82.19	75.00
Date	01-Mar-2016	30-May-2022	20-Nov-2022	30-Jun-2024
► 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	12,816.00	60,190.00	85,000.00
Date	01-Mar-2016	30-May-2022	20-Nov-2022	30-Jun-2024
□ Estuary Provinces (Hectare(Ha), Custom Breakdown)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	3,259.00	5,033.00	45,000.00



Date	01-Mar-2016	30-May-2022	20-Nov-2022	30-Jun-2024
<input type="checkbox"/> Peninsula Provinces (Hectare(Ha), Custom Breakdown)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	9,557.00	55,157.00	40,000.00
Date	01-Mar-2016	30-May-2022	20-Nov-2022	30-Jun-2024
► River bank and coast line protection supported by the project: (Kilometers, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	53.00	58.00	71.00
Date	01-Mar-2016	30-May-2022	20-Nov-2022	30-Jun-2024
<input type="checkbox"/> Coastal line (Kilometers, Custom Breakdown)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	21.00	22.00	22.00
Date	01-Mar-2016	30-May-2022	20-Nov-2022	30-Jun-2024
<input type="checkbox"/> River bank (Kilometers, Custom Breakdown)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	32.00	36.00	49.00
Date	01-Mar-2016	30-May-2022	20-Nov-2022	30-Jun-2024
► 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	4.00	6.00
Date	01-Mar-2016	30-May-2022	20-Nov-2022	30-Jun-2024
► Operational manuals for systems completed and adopted (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	1.00	1.00	3.00
Date	01-Mar-2016	30-May-2022	20-Nov-2022	30-Jun-2024

Component 4: Protecting Coastal Areas in the Delta Peninsula



▶ Coastal sluice gates constructed and operational through project support (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	9.00	9.00	9.00
Date	01-Mar-2016	30-May-2022	20-Nov-2022	30-Jun-2024
▶ River bank and coast line protection supported by the project: (Kilometers, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	56.06	64.69	80.00
Date	01-Mar-2016	31-Dec-2021	20-Nov-2022	30-Jun-2024
Comments:	The river bank kilometers was incorrectly reported as 46.33 km in the previous ISR as works that were not fully completed were included in the reporting. The current value is 38.14 km.			
☐ Coastal line (Kilometers, Custom Breakdown)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	9.73	26.55	19.00
Date	01-Mar-2016	31-Dec-2021	20-Nov-2022	30-Jun-2024
☐ River bank (Kilometers, Custom Breakdown)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	46.33	38.14	61.00
Date	01-Mar-2016	31-Dec-2021	20-Nov-2022	30-Jun-2024
▶ Operational manuals for systems completed and adopted (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	2.00
Date	01-Mar-2016	30-May-2022	20-Nov-2022	30-Jun-2024

Performance-Based Conditions

Data on Financial Performance

Disbursements (by loan)

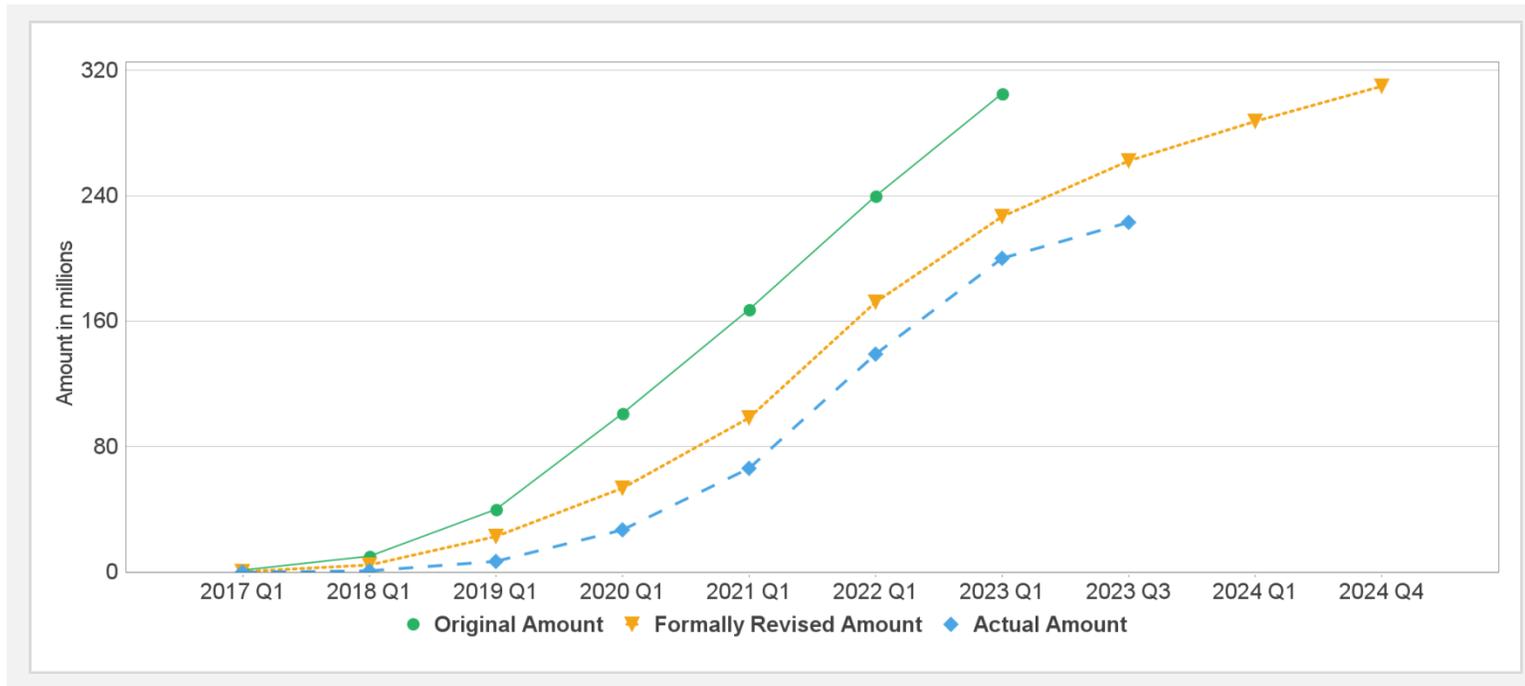


Project	Loan/Credit/TF	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	% Disbursed
P153544	IDA-58450	Effective	USD	310.00	310.00	0.00	223.21	77.54	74%
P159976	TF-A8261	Effective	USD	6.09	6.09	0.00	2.58	3.51	42%

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	30-Jun-2024
P159976	TF-A8261	Effective	12-Oct-2018	12-Oct-2018	12-Oct-2018	31-Dec-2022	30-Jun-2024

Cumulative Disbursements



Restructuring History

Level 2 Approved on 10-Feb-2022 ,Level 2 Approved on 31-Dec-2022

Related Project(s)

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