



## Marine Fisheries and Socio-Economic Development Project (P163980)

Eastern and Southern Africa | Kenya | Environment, Natural Resources & the Blue Economy Global Practice | IBRD/IDA | Investment Project Financing | FY 2020 | Seq No: 4 | ARCHIVED on 06-May-2022 | ISR50989 |

Implementing Agencies: Ministry of Agriculture, Livestock, Fisheries and Cooperatives, The Republic of Kenya

### Key Dates

#### Key Project Dates

Bank Approval Date: 10-Mar-2020

Effectiveness Date: 10-Aug-2020

Planned Mid Term Review Date: 05-Dec-2022

Actual Mid-Term Review Date:

Original Closing Date: 31-Mar-2025

Revised Closing Date: 31-Mar-2025

### Project Development Objectives

Project Development Objective (from Project Appraisal Document)

The Project Development Objective is to improve management of priority fisheries and mariculture and increase access to complementary livelihood activities in coastal communities.

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

No

### Components Table

Name
Component 1 - Governance and Management of Marine Fisheries:(Cost \$49.80 M)
Component 2 - Coastal Community Empowerment and Livelihoods:(Cost \$41.10 M)
Component 3 - Project Management, and Monitoring and Evaluation:(Cost \$9.10 M)

### Overall Ratings

Name	Previous Rating	Current Rating
Progress towards achievement of PDO	<input type="checkbox"/> Satisfactory	<input type="checkbox"/> Moderately Satisfactory
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 KEMFSED Project was approved by the Bank's Board of Directors on March 10, 2020, and declared effective on August 10, 2020. The project was officially launched in Mombasa by the President of Kenya on June 26, 2021, with high-level representation from central and county governments, relevant stakeholders, and media coverage.

The Project Development Objective is to improve the management of priority fisheries and mariculture and increase access to complementary livelihood activities in coastal communities. National and county-level project governance structures are in place, but implementation has been delayed largely due to covid-19 pandemic travel and meeting restrictions.

Component 1 activities need to accelerate implementation. Component 2 activities are progressing satisfactory and counties teams have been able to engage with a large number of local communities and initiate the preparation of subprojects. In relation to Component 3 activities, the project has submitted the proposed Annual Work Plan and Budget (AWP&B) for the year 2022-2023. The mission advised the project team to increase efforts to start monitoring the progress for achieving the indicators of the project result's framework.



During the mission, the Bank and project team agreed an implementation acceleration plan. This will enable the Project to recover the lost time and expedite implementation.

## Risks

### Systematic Operations Risk-rating Tool

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

## Results

### PDO Indicators by Objectives / Outcomes

Improve management of priority fisheries				
► Fisheries management plans implemented (Number, Corporate)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	2.00
Date	10-Mar-2020	15-Jun-2021	15-Jun-2021	31-Mar-2025
Comments:	This indicator measures the number of fisheries management plans that have been implemented through operations supported by the World Bank. This indicator relates to the actual application and enforcement of measures to control fishing in a determined geographic area. Fishing units accessing the fisheries are identifiable (registered, marked, possibly licensed), and management measures (such as gear and spatial or period restrictions) are applied and enforced (as demonstrated by a minimum rate of control of the target fleet each year, and prosecution of identified delinquents).			



► Proportion of nearshore waters under improved management (Percentage, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	45.00
Date	10-Mar-2020	15-Jun-2021	15-Jun-2021	31-Mar-2025
Comments:	The indicator is measured as the area (km <sup>2</sup> ) within the JCMAs developed and/or supported by the project, as a % of all nearshore waters. Total area under nearshore waters is (including territorial seas to 12nm) is 10,860 Km <sup>2</sup> . 'Improved management' to be assessed against three criteria where all three must be met: 1) JCMA plan prepared and approved by national and county authorities; 2) JCMA plan includes, at a minimum: (i) defined boundaries agreed by communities; (ii) at least one no-take area agreed by communities; and (iii) management measures for at least two priority fisheries that explicitly control fishing effort (spatial or seasonal closure; gear restrictions, gear or fisher numbers etc.); and 3) BMU surveillance reports indicate a stable or improving trend in non-compliance per patrol effort. Cumulative targets.			

Improve management of mariculture				
► Annual production in mariculture by small-scale producers supported by the project (Metric ton, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	37.00	37.00	37.00	300.00
Date	10-Mar-2020	15-Jun-2021	15-Jun-2021	31-Mar-2025
Comments:	The indicator measures the total annual mariculture production that is attributable to project interventions, particularly the development of the NAMARET. Production of seaweed will be measured in dry weight while the other species will be measured in fresh weight. Baseline is 2018 mass as per GoK estimates of 37 metric tons: of which seaweed (30 metric tons) and non-seaweed: milkfish (2.6 metric tons); prawn (1.2 metric tons); mud crabs (2 metric tons); marine tilapia (1 metric ton). Annual targets.			
☐ Seaweed (Metric ton, Custom Breakdown)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	30.00	30.00	30.00	200.00
Date	10-Mar-2020	15-Jun-2021	15-Jun-2021	31-Mar-2025
☐ Non-seaweed (Metric ton, Custom Breakdown)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	7.00	7.00	7.00	100.00
Date	10-Mar-2020	15-Jun-2021	15-Jun-2021	31-Mar-2025

Strengthen access to complementary livelihood activities in coastal communities				
► Beneficiaries in targeted coastal communities with access to complementary livelihood activities (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target



Value	0.00	0.00	0.00	217,000.00
Date	10-Mar-2020	15-Jun-2021	15-Jun-2021	31-Mar-2025
Comments:	This indicator measures the number of persons who have benefitted from any of the following activities under Component 2: 1) productive grants; 2) social and environmental grants; and 3) educational scholarship. Women are targeted to represent 50% of the total number of beneficiaries in each of the three groups. These activities are expected to reduce the beneficiaries' and their households' current socio-economic vulnerability by diversifying livelihood activities and increasing the productivity of natural resources. Beneficiaries of this activity are defined as members of individual households engaged in project activities. According to the most recent census, there is on average six members in a household in coastal communities. Cumulative Targets.			
<input type="checkbox"/> Beneficiaries in targeted coastal communities with access to complementary livelihood activities/women (Number, Custom Supplement)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	108,500.00
<input checked="" type="checkbox"/> Share of target beneficiaries with rating 'Satisfied' or above on project interventions (Percentage, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	65.00
Date	10-Mar-2020	15-Jun-2021	15-Jun-2021	31-Mar-2025
Comments:	This indicator estimates demand-side social accountability through engagement with project beneficiaries and extent to which project activities and outcomes are meeting beneficiaries' demands. This is based on perception survey administered on a representative sample to representative beneficiaries including VMG and focus on fisheries and aquaculture management and livelihoods diversification. Survey results will be disaggregated by sex. Citizen engagement indicator. Annual targets.			
<input type="checkbox"/> Share of target beneficiaries with rating 'Satisfied' or above on project interventions/women (Percentage, Custom Supplement)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	65.00

### Intermediate Results Indicators by Components

Component 1: Governance and Management of Marine Fisheries				
<input checked="" type="checkbox"/> Policies, regulations and national plans of action (NPOAs) for fisheries and mariculture completed and submitted to Cabinet (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	7.00
Date	10-Mar-2020	15-Jun-2021	15-Jun-2021	31-Mar-2025
Comments:	Policies, regulations and national plans of action (NPOAs) for fisheries and mariculture include: 1) National fisheries policy; 2) BMU regulations; 3) aquaculture policy; 4) Blue Capital Offset policy; 5) NPOA for sharks; 6) NPOA for IUU; and 7) NPOA for seabirds and turtles Cumulative targets.			



► Score on Fishery Information and Monitoring System (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	3.00
Date	10-Mar-2020	15-Jun-2021	15-Jun-2021	31-Mar-2025
Comments:	The indicator measures whether the FIMS is established and operational based on a scoring system: 1) at least 75% of monthly vessel-gear-location catch record targets are achieved per year, and verified to have been entered into the database; 2) the most recent frame survey or BMU effort data is verified to have been entered into the database; and 3) extrapolated catch estimates and other dashboard analyses are generated automatically and can be accessed on monitors nationally at KeFS and in all of the five County fisheries departments by project completion. Cumulative targets			
► BMUs achieving a minimum of 4 performance targets (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	42.00
Date	10-Mar-2020	15-Jun-2021	15-Jun-2021	31-Mar-2025
Comments:	The indicator measures the number of BMUs, out of approx. 84 along the KE coast, achieving at least 4 annual performance targets: 1) at least 6 out of 12 monthly meetings of BMU Executive Committee are conducted and minutes submitted to, and available at, county fisheries department; 2) at least 2 BMU members' assembly meetings conducted and minutes submitted to, and available at, county fisheries department; 3) BMU has an annually updated register of fishers and vessels, with at least 75% of fishers having licenses; 4) members of BMU monitoring, control and surveillance (MCS) sub-committee participate in at least one patrol, in at least 6 out of 12 months; 5) at least 65% of annual required budget is received in revenue for the previous calendar year; and 6) BMU has collected and submitted at least 80% of the target number of catch records for catch monitoring in at least 10 out of 12 months. Cumulative targets.			
► Operational surveillance activities in Kenyan marine fisheries (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	20.00
Date	10-Mar-2020	15-Jun-2021	15-Jun-2021	31-Mar-2025
Comments:	Number of fisheries surveillance activities undertaken per annum as a measure of the functionality of the MCS strategy including: 1) air patrols; 2) offshore sea patrols; 3) nearshore sea patrols; 4) VMS system reporting; 5) joint MCS operations with navy/county/regional; and, 6) no. of vessels inspected under port state measures (PSM). An increase in the number of MCS activities per annum reflects the cohesion of the MCS system and integration of the MCS strategy elements Cumulative targets.			
► Score on Marine Spatial Planning (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	9.00
Date	10-Mar-2020	15-Jun-2021	15-Jun-2021	31-Mar-2025
Comments:	The indicator measures the state of MSP using a scoring system based on number of key interventions completed: 1) Multi agency steering committee formed; 2) Framework for MSP implementation prepared;			



3) SEA completed; 4) comprehensive data capture/procurement program developed; 5) data needs assessment completed; 6) national level marine spatial clearing mechanism established; 7) data collection gaps filled 8) MSP at EEZ level completed and submitted; and 9) MSP at nearshore level developed with zoning maps and JCMAs integrated. Cumulative targets.

► Priority fisheries for which Bench Marking Tool (BMT) exercise has been undertaken (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	6.00
Date	10-Mar-2020	15-Jun-2021	15-Jun-2021	31-Mar-2025

Comments: The indicator captures the annual implementation of the identified priority fisheries (including octopus, snapper, basket trap, shallow water prawn, small-scale tuna line, and small-scale purse seine) through the BMT. Aggregate performance for all priority fishery increases by approximately 10% per year from baseline and is at least 50% for all fisheries by end-project: 1) octopus (baseline: 0.33; end-target: 0.85); 2) snapper (baseline: 0.17; end-target: 0.85); 3) basket trap (baseline: 0.46; end-target: 0.83); 4) shallow water prawn (baseline: 0.43; end-target: 0.88); 5) small-scale tuna line (baseline: 0.31; end-target: 0.89); and 6) small-scale purse seine (baseline: 0.32; end-target: 0.82). Annual targets.

Component 2: Coastal Community Empowerment and Livelihoods

► Grants delivered to members of Common Interest Group (CIG) (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	22,000.00
Date	10-Mar-2020	15-Jun-2021	15-Jun-2021	31-Mar-2025

Comments: This indicator captures the access to improved overall livelihood conditions of eligible poor fisher and smallholder farmer households through implementation of subprojects aimed at supporting productive, and environmental and social interventions. Cumulative targets.

□ Grants delivered to members of Common Interest Group (CIG)/women (Number, Custom Breakdown)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	11,000.00
Date	10-Mar-2020	15-Jun-2021	15-Jun-2021	31-Mar-2025

► Improvement in basic social infrastructure to benefit coastal households (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	160.00
Date	10-Mar-2020	15-Jun-2021	15-Jun-2021	31-Mar-2025

Comments: This indicator measures the number of basic social infrastructure supported under the project in coastal sub-counties, to benefit coastal households. Social basic infrastructure is defined as improved schools, health posts, boardwalks, public toilets, community halls, etc. Cumulative targets.

► Beneficiaries with access to livelihood-related training and/or technical assistance supported by the project (Number, Custom)



	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	90,000.00
Date	10-Mar-2020	15-Jun-2021	15-Jun-2021	31-Mar-2025
Comments:	This indicator will quantify the number of eligible beneficiaries participating in training events and/or receiving technical assistance provided in the context of the different phases of the subproject cycle, as well as to ensure adequate utilization of investments received from the project. Gender Indicator. Cumulative targets.			
<input type="checkbox"/> Beneficiaries with access to livelihood-related training and/or technical assistance supported by the project/women (Number, Custom Supplement)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	22,000.00

**Performance-Based Conditions**

**Data on Financial Performance**

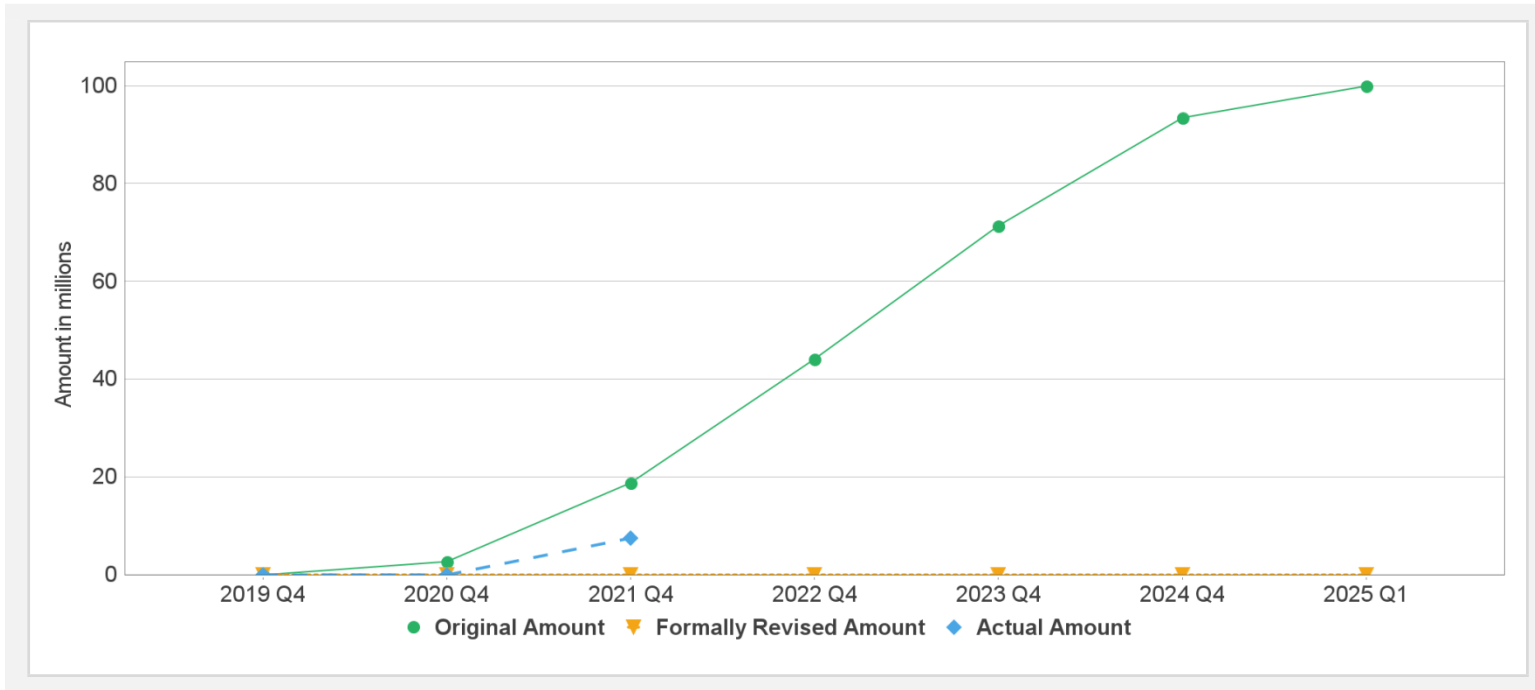
**Disbursements (by loan)**

Project	Loan/Credit/TF	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	% Disbursed
P163980	IDA-65400	Effective	USD	100.00	100.00	0.00	11.14	87.87	11%

**Key Dates (by loan)**

Project	Loan/Credit/TF	Status	Approval Date	Signing Date	Effectiveness Date	Orig. Closing Date	Rev. Closing Date
P163980	IDA-65400	Effective	10-Mar-2020	02-Jun-2020	10-Aug-2020	31-Mar-2025	31-Mar-2025

**Cumulative Disbursements**



### Restructuring History

There has been no restructuring to date.

### Related Project(s)

There are no related projects.