



## Integrated Forest Ecosystem Management (P151102)

EUROPE AND CENTRAL ASIA | Kyrgyz Republic | Environment, Natural Resources & the Blue Economy Global Practice | IBRD/IDA | Investment Project Financing | FY 2016 | Seq No: 15 | ARCHIVED on 30-Sep-2022 | ISR52622 |

Implementing Agencies: Kyrgyz Republic, Ministry of Agriculture

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

Bank Approval Date: 24-Nov-2015

Effectiveness Date: 28-Apr-2017

Planned Mid Term Review Date: 10-Jun-2019

Actual Mid-Term Review Date: 03-Jun-2019

Original Closing Date: 30-Sep-2021

Revised Closing Date: 30-Sep-2022

**Project Development Objectives**

Project Development Objective (from Project Appraisal Document)

The Project Development Objective is to strengthen the capacity of government institutions and communities to improve sustainable forest ecosystem management through investments in management planning, ecosystem restoration, and infrastructure.

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

No

**Components Table**

Name

Forest Sector Institutional Reform:(Cost \$0.88 M)

Strategic Investments and Piloting of Sustainable Management Approaches:(Cost \$11.38 M)

Information and Monitoring and Evaluation:(Cost \$2.78 M)

Project Management, Monitoring and Evaluation:(Cost \$1.07 M)

**Overall Ratings**

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

**Implementation Status and Key Decisions**

This ISR reflects the findings of the last Implementation Support Mission conducted in September 19-23, 2022. Out of 90 sub-projects on green houses, processing workshops, bridges, plantation, and rehabilitation of offices, 89 have been completed with the exception of one irrigation sub-project. 10 micro-projects for local beneficiaries have also been completed. The Project development object is rated as Moderately Satisfactory as



the three outcome indicators have been mostly achieved: (i) 'Government institutions provided with capacity building to improve management of forest resources' – 48 government institutions have been provided with training, equipment and knowledge (*partially achieved* as forest code amendments were not approved); (ii) Land area where sustainable land management practices were adopted - 174,500 ha, against the end target of 160,000 ha; (*achieved*); and (iii) 'Forest areas brought under management' – 970, 337 ha against the end target of 864,700 ha (*achieved*). The project results were confirmed by the final social and beneficiary assessment and the Final Project Review workshop on September 22, 2022, which highlighted the benefits of the project supported activities to the strengthening of the forest governance and institutions and sustained financing for these resources.

## Risks

### Systematic Operations Risk-rating Tool

Risk Category	Rating at Approval	Previous Rating	Current Rating
Political and Governance	<input type="checkbox"/> Substantial	<input type="checkbox"/> Substantial	<input type="checkbox"/> Moderate
Macroeconomic	<input type="checkbox"/> Moderate	<input type="checkbox"/> Moderate	<input type="checkbox"/> Moderate
Sector Strategies and Policies	<input type="checkbox"/> Substantial	<input type="checkbox"/> Substantial	<input type="checkbox"/> Moderate
Technical Design of Project or Program	<input type="checkbox"/> Low	<input type="checkbox"/> Low	<input type="checkbox"/> Low
Institutional Capacity for Implementation and Sustainability	<input type="checkbox"/> Substantial	<input type="checkbox"/> Substantial	<input type="checkbox"/> Substantial
Fiduciary	<input type="checkbox"/> Substantial	<input type="checkbox"/> Substantial	<input type="checkbox"/> Substantial
Environment and Social	<input type="checkbox"/> Moderate	<input type="checkbox"/> Moderate	<input type="checkbox"/> Moderate
Stakeholders	<input type="checkbox"/> Low	<input type="checkbox"/> Moderate	<input type="checkbox"/> Moderate
Other	--	--	--
Overall	<input type="checkbox"/> Substantial	<input type="checkbox"/> Substantial	<input type="checkbox"/> Moderate

## Results

### PDO Indicators by Objectives / Outcomes

Strengthened capacity of public institutions for sustainable management of Leskhozoes				
▶ Govt institutions provided w/ capacity build to improve mgt of forest resources (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	48.00	48.00	46.00
Date	01-Oct-2015	31-Mar-2022	23-Sep-2022	30-Sep-2022
Comments:	The target on institutions includes the State Forest Services (1), their Leskhozoes (41), and participating municipalities (6 including their associated self-government bodies). Since 2021, the number of institutions from 46 (end target) became 48 due to reorganization of Leskhozoes. Since project start, there have been several mergers or divisions of Leskhozoes and forestries (sub-units in Leskhozoes). All Leskhozoes and the central unit have benefitted from a range of capacity building interventions, e.g., training in forest planning and management including FMIS, equipment/machinery for forest management, roadmap for resolving boundary conflicts. Municipalities have benefited from training in forest management, new infrastructure for forest management. There have also been institutional measures, namely proposed Amendments to			



the Forest Code, the introduction of Standardized Costs, Boundaries Clarification analysis and processes and installation of FMIS in all Leskhozoes and the Central Unit. Of these the approval of Amendments will be completed within December 2022, while the others have been approved. The FMIS is installed and in use. This indicator is partially achieved given that the amendments although submitted to the Council of Ministers were not approved by project closure and are expected to be approved by December 2022.

Land area where sustainable land management practices were adopted as a result of p. interventions

► Land area where sustainable land mgt. practices were adopted as a result of proj (Hectare(Ha), Corporate)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	34,253.00	174,500.00	160,000.00
Date	01-Oct-2015	31-Mar-2022	23-Sep-2022	30-Sep-2022

Comments:

The target has been achieved .The indicator includes areas within Leskhozoes and municipal forests in which SLM practices are adopted with support from the project. The indicator is measured against areas of plantation, forest nurseries and green houses, and areas served by bridges, cordons, firefighting equipment and irrigation.

► Forest area brought under management plans (Hectare(Ha), Corporate)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	970,337.00	970,337.00	864,700.00
Date	01-Oct-2015	31-Mar-2022	23-Sep-2022	30-Sep-2022

Comments:

This indicator denotes the total Project supported Leskhozoes areas brought under Integrated Natural Resource Management Plans and Municipal Forest Operational Plans. The end target has been overachieved.

### Overall Comments

The project is expected to reach its PDO outcomes by project closure i.e. September 30, 2022 despite the incurred delays and slow implementation.

### Intermediate Results Indicators by Components

Forest Sector Institutional Reform				
► Number of Leskhozoes and SAEPF that have operationalized three project supported instruments/interventions (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	13.00	13.00
Date	01-Oct-2015	31-Mar-2022	23-Sep-2022	30-Sep-2022
Comments:	The three instruments are: Forest Code, Standardized costs, and Boundaries clarification processes. Indicator includes specific types of interventions, and targets reflect adoption in project and			



other Leskhozoes for the remainder of project duration. All instruments have undergone considerable consultation and review. Amendments to the Forest Code are expected to be approved after project closure. Standardized costs and boundaries clarification roadmap have been approved.				
<b>► Number of Leskhozoes reporting confidence in ability to generate income for re-investing into sustainable ecosystem management (Number, Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	13.00	13.00
Date	01-Oct-2015	31-Mar-2022	23-Sep-2022	30-Sep-2022
Comments:	The indicator covers the potential to reinvest as assessed by Leskhoz directors. All project Leskhozoes in the project evaluation reported that they had confidence in their ability to generate income for re-investing in forest management. Findings from the project evaluation, report that greenhouses, nurseries, orchards and beekeeping are seen as key sources of increased income. About 77% of project Leskhoz staff surveyed reported that they had confidence that Leskhozoes were absolutely/largely /moderately sure that they could become self-financing.			
<b>► Proportion of Leskhozoe staff in pilot Leskhozoes reporting increased/improved capacities for sustainable forest management (Percentage, Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	58.50	50.00
Date	01-Oct-2015	31-Mar-2022	23-Sep-2022	30-Sep-2022
Comments:	This indicator assesses change in capacities in Leskhoz staff. Of those surveyed, 69.3% (knowledge improved significantly), 95% (considered training useful). The figure reported in the results framework is the proportion reporting that they are using information gained during the project.			

#### Strategic Investments and Piloting of Sustainable Management Approaches

**► Number of persons in project sites provided with access to assets and services as a result of participating in project interventions (disaggregated by gender) (Number, Custom)**

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	11,829.00	10,500.00
Date	01-Oct-2015	31-Mar-2022	23-Sep-2022	30-Sep-2022
Comments:	This indicator captures persons participating in micro projects, able to collect NTFPs, trained, receiving equipment, planting materials and other assets, employed in project activities, benefiting from irrigation, provision of planting materials, etc. From final survey, about 11829 persons, out of them 4975 women (or 42%) have directly benefited access and services from project interventions.			

**□ Number of female persons in project sites provided with access to assets and services as a result of participating in project interventions (Percentage, Custom Supplement)**

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	42.00	25.00

**► Area of forest planted and under assisted regeneration through project interventions (Hectare(Ha), Custom)**

	Baseline	Actual (Previous)	Actual (Current)	End Target
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Value	0.00	1,880.00	2,539.37	2,400.00
Date	01-Oct-2015	31-Mar-2022	23-Sep-2022	30-Sep-2022
Comments:	This indicator captures all areas planted and under assisted regeneration. Status: achieved and exceeded, total of 2539,37 out of which 1864,07 ha in LHs and 675,3 ha in LSGBs (local governments)			
<b>► Proportion of issues lodged with the PIU that are satisfactorily resolved as needed in agreed time frames (Percentage, Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	100.00	100.00	100.00
Date	01-Oct-2015	31-Mar-2022	23-Sep-2022	30-Sep-2022
Comments:	Percentage of issues that are resolved and documented by project management in line with agreed procedures.			
<b>► Proportion of public in project areas satisfied with citizen engagement processes in planning and management of Leskhozoes lands (Percentage, Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	49.60	50.00
Date	30-Apr-2020	31-Mar-2022	23-Sep-2022	30-Sep-2022
Comments:	This indicator aims at measuring the satisfaction of communities in project areas with the engagement in preparation of the integrated natural resources management plan, prioritization of investments and their implementation. Of those surveyed in the project evaluation, 49.6% reported that they were satisfied with their participation in the planning and management of project Leskhozoes lands.			

#### Information and Monitoring and Evaluation

##### ► National forest inventory updated for Kyrgyz Republic (Yes/No, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No	No	Yes	Yes
Date	01-Oct-2015	31-Mar-2022	20-Jul-2022	30-Sep-2022
Comments:	Five key outputs: a) a validated relational database with plausibility checks completed; b) main NFI report (including a section comparing this NFI with the previous NFI); c) plan for NFI#3; d) land cover classification map; and e) allometric equations as developed for the analysis have been prepared. It is partial Yes.			

##### ► Area in hectares updated for forest management planning purposes using FMIS. (Hectare(Ha), Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	75,000.00	882,709.00	150,000.00
Date	01-Oct-2015	31-Mar-2022	23-Sep-2022	30-Sep-2022



Comments:	Indicator provides information on the use of the system in forest management planning. To date 882,709ha have been updated in detail under the forest cadaster using FMIS and available for the purposes of forest management planning. Initial estimate was for project Leskhoztes but the the project supported adoption in all Leskhoztes.			
► Number of Leskhoztes making use of FMIS (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	39.00	42.00	40.00
Date	01-Oct-2015	31-Mar-2022	23-Sep-2022	30-Sep-2022
Comments:	Indicator assesses roll-out of both FMIS I and FMIS II to all Leskhoztes, and access by LH staff to FMIS to support forest operations and decision-making. The achievement includes State Forest Services, 13 project Leskhoztes, and the remaining Leskhoztes in the country all of which have the FMIS installed, and have received training.			

### Performance-Based Conditions

#### Data on Financial Performance

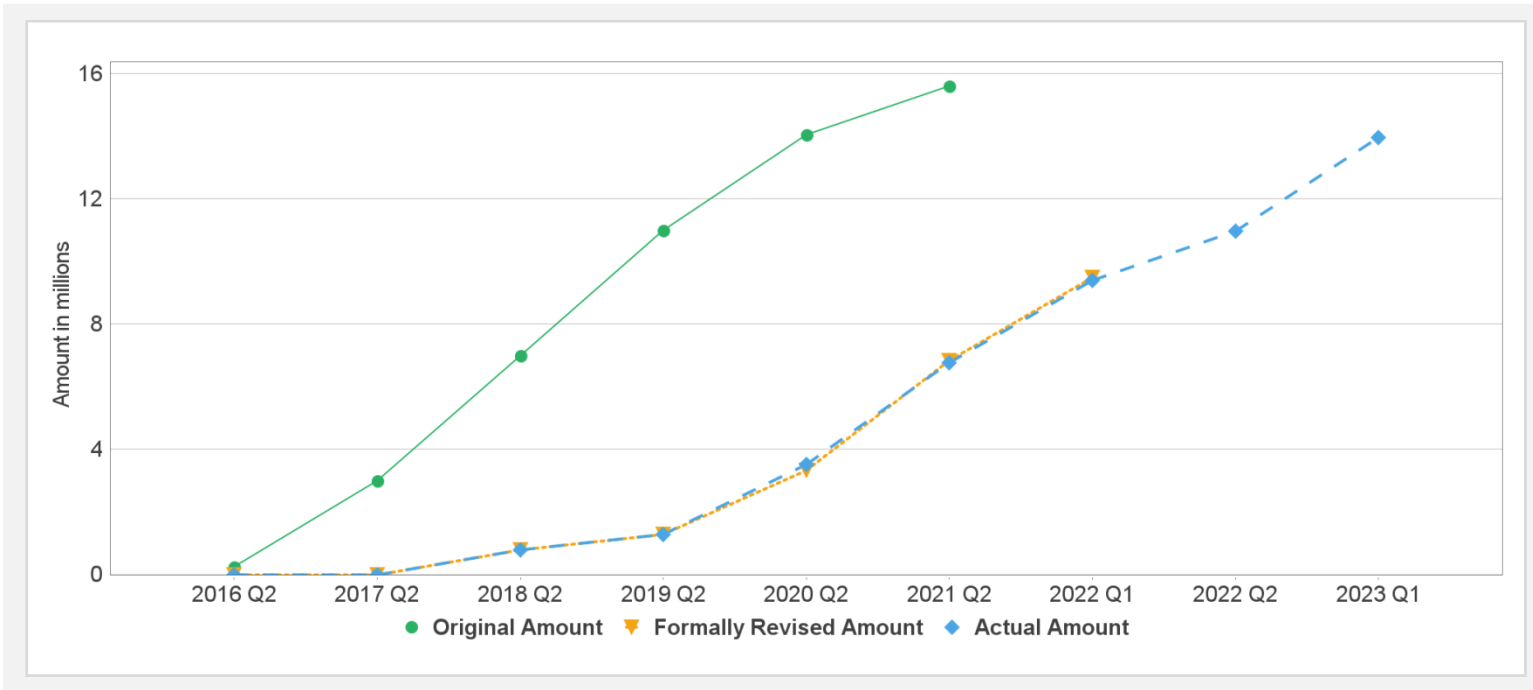
##### Disbursements (by loan)

Project	Loan/Credit/TF	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	% Disbursed
P151102	IDA-57430	--	USD	6.60	6.60	0.00	5.15	1.37	79%
P151102	IDA-D0950	--	USD	5.40	5.40	0.00	5.27	0.14	97%
P153721	TF-A0750	--	USD	4.11	4.11	0.00	3.55	0.56	86%

##### Key Dates (by loan)

Project	Loan/Credit/TF	Status	Approval Date	Signing Date	Effectiveness Date	Orig. Closing Date	Rev. Closing Date
P151102	IDA-57430	--	24-Nov-2015	18-Jan-2016	28-Apr-2017	30-Sep-2021	30-Sep-2022
P151102	IDA-D0950	--	24-Nov-2015	18-Jan-2016	28-Apr-2017	30-Sep-2021	30-Sep-2022
P153721	TF-A0750	--	18-Jan-2016	18-Jan-2016	28-Apr-2017	30-Sep-2021	30-Sep-2022

### Cumulative Disbursements



**Restructuring History**

Level 2 Approved on 19-May-2020 ,Level 2 Approved on 11-May-2021

**Related Project(s)**

P151102-Integrated Forest Ecosystem Management ,P153721-Integrated Forest Ecosystem Management