



## Montenegro Second Energy Efficiency Project (P165509)

EUROPE AND CENTRAL ASIA | Montenegro | Energy & Extractives Global Practice |  
IBRD/IDA | Investment Project Financing | FY 2018 | Seq No: 7 | ARCHIVED on 20-Jan-2022 | ISR49266 |

Implementing Agencies: Ministry of Health, Ministry of Capital Investments, Montenegro

### Key Dates

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Bank Approval Date: 04-Jun-2018

Effectiveness Date: 30-Aug-2018

Planned Mid Term Review Date: 15-Dec-2021

Actual Mid-Term Review Date: 24-Sep-2021

Original Closing Date: 31-Dec-2023

Revised Closing Date: 31-Dec-2023

### Project Development Objectives

Project Development Objective (from Project Appraisal Document)

The project development objective is to improve energy efficiency in health sector buildings, and to develop and demonstrate a sustainable financing model.

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

No

### Components Table

Name

Component 1 – EE investments in public sector buildings:(Cost \$7959015.00 M)

Component 2 – Technical assistance:(Cost \$406890.00 M)

Component 3 – Project implementation support:(Cost \$616500.00 M)

### Overall Ratings

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

### Implementation Status and Key Decisions

Project implementation is progressing with some minor delays related to the COVID-19 pandemic. The government has taken corrective actions to avoid further delays in procurement under the project.



**Risks**

**Systematic Operations Risk-rating Tool**

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

**Results**

**PDO Indicators by Objectives / Outcomes**

Improved energy efficiency in health sector public buildings				
▶ Projected energy or fuel savings (Mega Joules (MJ), Corporate)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	141,780,000.00	96,444,311.00	215,000,000.00
Date	04-Jun-2018	25-Jun-2021	08-Dec-2021	31-Dec-2023
Comments:	Construction works on 5 buildings are complete, and the results to date are from technical monitoring and verification for the five buildings completed. Technical monitoring and verification is expected to be completed for the rest of buildings after the 2021 heating season.			
☐ Projected lifetime fuel savings (Mega Joules (MJ), Corporate Breakdown)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	123,000,000.00	57,362,413.00	192,000,000.00
Date	04-Jun-2018	25-Jun-2021	08-Dec-2021	31-Dec-2023
☐ Projected electricity generation savings (Mega Joules (MJ), Corporate Breakdown)				
	Baseline	Actual (Previous)	Actual (Current)	End Target



Value	0.00	18,780,000.00	39,081,898.00	23,000,000.00
Date	04-Jun-2018	25-Jun-2021	08-Dec-2021	31-Dec-2023

Developed and demonstrated sustainable energy efficiency financing model

► Develop and demonstrate a sustainable financing model (Text, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No sustainable financing model	TA in progress but the (a) Energy savings capture model is being implemented; (b) arrangements for MEEP2 energy savings have been adopted; (c) proposal for long-term EE investment framework submitted to Government.	TA in progress but the (a) Energy savings capture model is being implemented; (b) arrangements for MEEP2 energy savings have been adopted; (c) proposal for long-term EE investment framework submitted to Government.	(a) Energy savings capture model implemented; (b) arrangements for MEEP2 energy savings adopted; (c) proposal for long-term EE investment framework submitted to Government
Date	04-Jun-2018	01-Jun-2021	08-Dec-2021	31-Dec-2023
Comments:	Development of the sustainable financing model is complete. Energy cost savings of 97,395 Euro have been allocated to the Ministry of Economy for EE investments in 2021. PIU has started preparing the ToRs to hire consultant to develop the Operations Manual and proposals for the Eco-Fund to become an functional institution for EE.			

Intermediate Results Indicators by Components

Component 1: Energy efficiency investments in public sector buildings

► Net greenhouse gas emissions (Tones/year, Corporate)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	2,420.13	9,508.95	-3,211.27
Date	04-Jun-2018	25-Jun-2021	08-Dec-2021	31-Dec-2023

► Number of buildings retrofitted (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	8.00	8.00	18.00
Date	04-Jun-2018	25-Jun-2021	08-Dec-2021	31-Dec-2023

Comments: Construction works on 3 buildings finished implementation in 2019, on 2 buildings in 2020, and on another 3 buildings in 2021. The implementation is on track.



▶ Percentage of project beneficiaries reporting an improvement in building comfort level, disaggregated by gender (Percentage, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	30.00
Date	04-Jun-2018	25-Jun-2021	08-Dec-2021	31-Dec-2023
Comments:	Social monitoring and evaluation is carried out for this indicator. The following five healthcare facilities were chosen to take part in the social monitoring and evaluation: GH Bar, GH Nikšić, HC Ulcinj, HC Tivat and HC Podgorica-Golubovci. Social monitoring prior to the investment was completed, and will be carried out after the works are completed. However, the PIU interviews stakeholders during their supervision missions, and feedback is incorporated into ongoing design works.			
□ Percentage of male project beneficiaries reporting an improvement in building comfort level (Percentage, Custom Breakdown)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	30.00
Date	04-Jun-2018	25-Jun-2021	08-Dec-2021	31-Dec-2023
□ Percentage of female project beneficiaries reporting an improvement in building comfort level (Percentage, Custom Supplement)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	30.00

Component 2: Technical Assistance				
▶ Increase in women's awareness of EE (Percentage, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	10.00
Date	04-Jun-2018	25-Jun-2021	08-Dec-2021	31-Dec-2023
▶ Captured energy cost savings (Amount(USD), Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	97,395.00	97,395.00	1,200,000.00
Date	04-Jun-2018	25-Jun-2021	08-Dec-2021	31-Dec-2023

**Performance-Based Conditions**

**Data on Financial Performance**



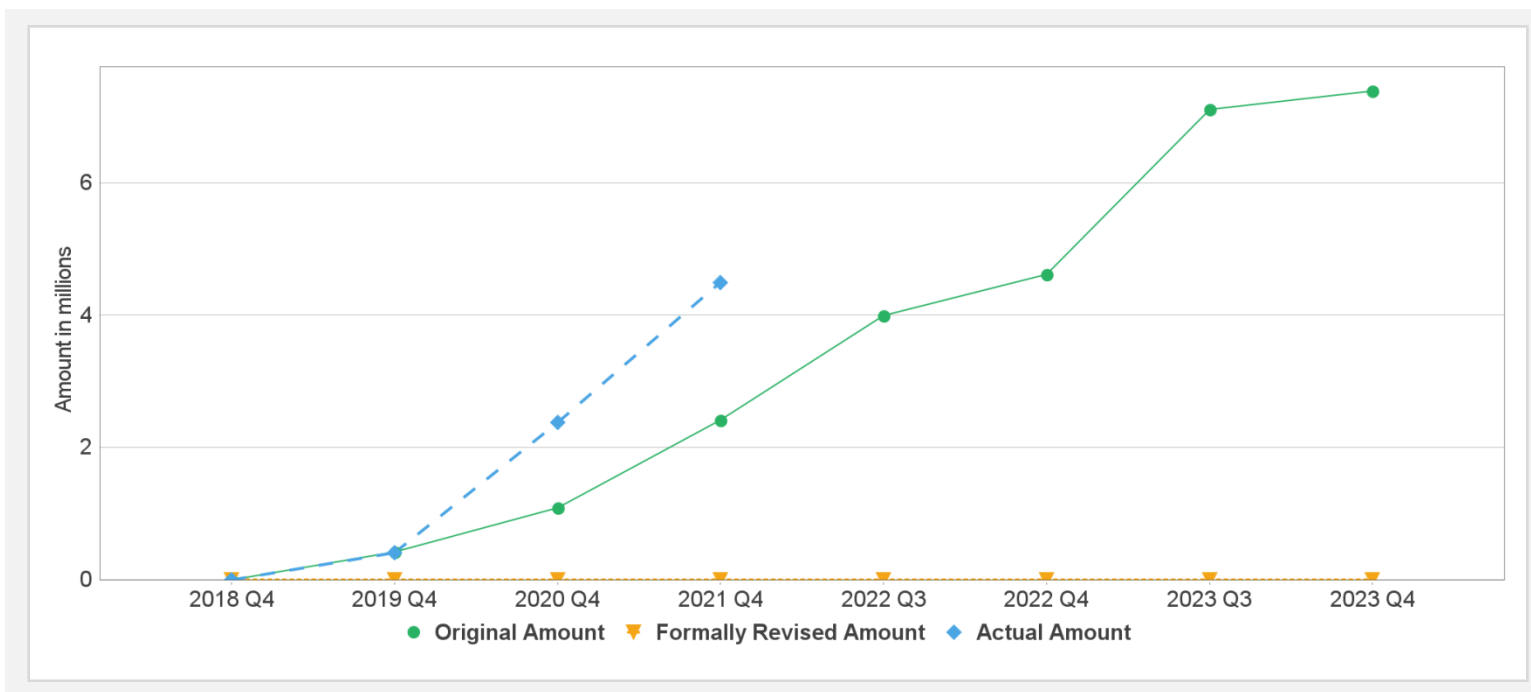
**Disbursements (by loan)**

Project	Loan/Credit/TF	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	% Disbursed
P165509	IBRD-88700	Effective	USD	7.39	7.39	0.00	4.96	2.06	71%

**Key Dates (by loan)**

Project	Loan/Credit/TF	Status	Approval Date	Signing Date	Effectiveness Date	Orig. Closing Date	Rev. Closing Date
P165509	IBRD-88700	Effective	04-Jun-2018	02-Jul-2018	30-Aug-2018	31-Dec-2023	31-Dec-2023

**Cumulative Disbursements**



**PBC Disbursement**

PBC ID	PBC Type	Description	Coc	PBC Amount	Achievement Status	Disbursed amount in Coc	Disbursement % for PBC

**Restructuring History**

There has been no restructuring to date.

**Related Project(s)**



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There are no related projects.

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