



## Madagascar - Least-Cost Electricity Access Development Project - LEAD (P163870)

EASTERN AND SOUTHERN AFRICA | Madagascar | Energy & Extractives Global Practice |  
IBRD/IDA | Investment Project Financing | FY 2019 | Seq No: 7 | ARCHIVED on 26-Jun-2022 | ISR52141 |

Implementing Agencies: JIRAMA, Ministère de l'Eau, de l'Energie et des Hydrocarbures, REPUBLIC OF MADAGASCAR

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

Bank Approval Date: 01-Mar-2019

Effectiveness Date: 19-Jul-2019

Planned Mid Term Review Date: 14-Nov-2022

Actual Mid-Term Review Date:

Original Closing Date: 30-Jun-2024

Revised Closing Date: 30-Jun-2024

**Project Development Objectives**

Project Development Objective (from Project Appraisal Document)

The Project Development Objective is to increase access to electricity services for households, enterprises, and health facilities in Madagascar.

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

No

**Components Table**

Name

Grid Electrification:(Cost \$80.00 M)

Off-grid Electrification:(Cost \$55.00 M)

Technical Assistance and Project Implementation Support:(Cost \$15.00 M)

**Overall Ratings**

Name	Previous Rating	Current Rating
Progress towards achievement of PDO	<span style="color: orange;">□</span> Moderately Satisfactory	<span style="color: orange;">□</span> Moderately Satisfactory
Overall Implementation Progress (IP)	<span style="color: orange;">□</span> Moderately Satisfactory	<span style="color: orange;">□</span> Moderately Satisfactory
Overall Risk Rating	<span style="color: red;">□</span> High	<span style="color: red;">□</span> High

**Implementation Status and Key Decisions**

Overall project progress is Moderately Satisfactory even with delays experienced in grid electrification, which was mainly due to a reorganization of the activities to accelerate the implementation of the lifeline connections. Critical progress could be reached on the off-grid segment with the publication of the inter-ministerial decree implementing the exemption of customs duties and import taxes on solar kits and the letter from the Ministry detailing the qualifications of the Offgrid Management development fund (OMDF) beneficiaries. The Jiro sy Rano Malagasy's business plan is still ongoing and needs to be officially adopted. Finally, the connection policy needs to be updated for a better visibility of the provisions related to the non-social connections.



## Risks

### Systematic Operations Risk-rating Tool

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

## Results

### PDO Indicators by Objectives / Outcomes

Households electricity access				
► People provided with new or improved electricity service (Number, Corporate)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	29,710.00	51,208.00	1,680,000.00
Date	01-Jul-2019	16-Dec-2021	21-Jun-2022	30-Jun-2024
Comments:	Based on the solar kits sold as of today by the OMDF			
► Enterprises provided with new or improved electricity services (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	4,259.00	10,000.00
Date	01-Jul-2019	16-Dec-2021	21-Jun-2022	30-Jun-2024
Comments:	Measures number of enterprises with new or improved electricity services through LEAD.			



► Health centers provided with new or improved electricity services (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	28.00	47.00	750.00
Date	01-Jul-2019	16-Dec-2021	21-Jun-2022	30-Jun-2024
Comments:	Measures number of health centers with new or improved electricity services			

**Intermediate Results Indicators by Components**

Grid Electrification				
► Households provided with new on-grid electricity access (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	100,000.00
Date	01-Jul-2019	16-Dec-2021	21-Jun-2022	30-Jun-2024
Comments:	Measures number of households provided with new on-grid electricity access			
► Enterprises provided with new on-grid electricity service (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	8,000.00
Date	01-Jul-2019	16-Dec-2021	21-Jun-2022	30-Jun-2024
Comments:	Measures number of enterprises provided with new on-grid electricity service			
► Health centers provided with new on-grid electricity service (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	250.00
Date	01-Jul-2019	16-Dec-2021	21-Jun-2022	30-Jun-2024
Comments:	Measures number of health centers provided with new on-grid electricity service			
► Public availability of customer satisfaction survey (Yes/No, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No	No	No	Yes



Date	01-Jul-2019	16-Dec-2021	21-Jun-2022	30-Jun-2024
Comments:	Citizen engagement indicator that captures the public availability of JIRAMA's customer satisfaction survey.			
<b>► New connection policy for grid connections approved (Yes/No, Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No	Yes	Yes	Yes
Date	01-Jul-2019	16-Dec-2021	21-Jun-2022	30-Jun-2024
Comments:	Measures whether the GoM has approved a new connection policy that will be applicable nationwide and will provide the process for, and cost to consumers of connections under Component.			
<b>► The Board of JIRAMA approves a financial recovery plan for the company (Yes/No, Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No	No	No	Yes
Date	01-Jul-2019	16-Dec-2021	21-Jun-2022	30-Jun-2024
Comments:	Approval of the outcome of the interagency working group on the financial recovery of JIRAMA.			

<b>Off-grid Electrification</b>				
<b>► Households and businesses provided with new off-grid electricity access (Number, Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	5,942.00	55,645.00	300,000.00
Date	01-Jul-2019	16-Dec-2021	21-Jun-2022	30-Jun-2023
Comments:	Measures number of households and businesses provided with new off-grid electricity access			
<b>► Enterprises provided with new off-grid electricity service (Number, Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	4,259.00	2,000.00
Date	01-Jul-2019	16-Dec-2021	21-Jun-2022	30-Jun-2024
Comments:	Measures number of enterprises provided with new off-grid electricity service			
<b>► Health centers provided with new or improved electricity access (Number, Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target



Value	0.00	28.00	47.00	500.00
Date	01-Jul-2019	16-Dec-2021	21-Jun-2022	30-Jun-2024
Comments:	Measures number of health centers connected to off-grid solutions			
<b>► Beneficiaries reached with financial services (Number, Corporate)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	55,000.00	150,000.00
Date	01-Jul-2019	16-Dec-2021	21-Jun-2022	30-Jun-2024
<input type="checkbox"/> Beneficiaries reached with financial services, of which: female borrowers (Number, Custom Breakdown)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	28,600.00	75,000.00
Date	01-Jul-2019	16-Dec-2021	21-Jun-2022	30-Jun-2024
<input type="checkbox"/> Number of SMEs with a loan or line of credit (Number, Corporate Breakdown)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	2.00	3.00	3.00
Date	01-Jul-2019	16-Dec-2021	21-Jun-2022	30-Jun-2024
<b>► Volume of results-based financing channeled to private companies (Number, Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	10,900,000.00	11,700,000.00	20,000,000.00
Date	01-Jul-2019	16-Dec-2021	21-Jun-2022	30-Jun-2024
Comments:	Measures amount of funding disbursed to solar distributors in the form of RBF			
<b>► Volume of debt financing extended to private companies (cumulative) (Number, Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	1,312,000.00	10,000,000.00
Date	01-Jul-2019	16-Dec-2021	21-Jun-2022	30-Jun-2024
Comments:	Measures amount of funding disbursed to solar distributors in the form of working capital finance			
<b>► Number of participating participating firms and financial Institutions under the OMDf (Number, Custom)</b>				



	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	12.00	12.00	5.00
Date	01-Jul-2019	16-Dec-2021	21-Jun-2022	30-Jun-2024
Comments:	Measures total number of solar distributors that have drawn down either on the RBF or the working capital facilities of the OMDF			

► OMDF has operational tracking system to monitor portfolio quality of loans/credit extended by participating FIs and OGS companies (Yes/No, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No	Yes	Yes	Yes
Date	01-Jul-2019	16-Dec-2021	21-Jun-2022	30-Jun-2024
Comments:	Measures whether the OMDF has operationalized a risk tracking system to monitor the portfolio quality of participating FIs and OGS companies.			

► Generation capacity of energy constructed or rehabilitated (Megawatt, Corporate)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.30	3.00
Date	01-Jul-2019	16-Dec-2021	21-Jun-2022	30-Jun-2024

☐ Renewable energy generation capacity (other than hydropower) constructed under the project (Megawatt, Corporate Breakdown)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.30	3.00
Date	01-Jul-2019	16-Dec-2021	21-Jun-2022	30-Jun-2024

Technical Assistance and Project Implementation Support

► Beneficiaries of job-focused interventions (Number, Corporate)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	150.00
Date	01-Jul-2019	16-Dec-2021	21-Jun-2022	30-Jun-2024

☐ Monitoring in place of follow-up actions by participants of job-focused interventions (Yes/No, Custom Supplement)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No	No	No	Yes

► Consumer awareness campaign completed (Yes/No, Custom)



	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No	Yes	Yes	Yes
Date	01-Jul-2019	16-Dec-2021	21-Jun-2022	30-Jun-2024
Comments:	Measures whether the consumer awareness campaign on solar household technology has been completed			
<b>► Lighting Global quality standards for solar home systems adopted and published (Yes/No, Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No	Yes	Yes	Yes
Date	01-Jul-2019	16-Dec-2021	21-Jun-2022	30-Jun-2024
Comments:	Measures whether Lighting Global quality standards for solar home systems have been adopted and published			
<b>► Response rate to GRM complaints (Percentage, Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	100.00	100.00	100.00
Date	01-Jul-2019	16-Dec-2021	21-Jun-2022	30-Jun-2024
Comments:	Measures response rate to GRM complaints			
<b>► Geospatial analysis and planning platform established and operational (Yes/No, Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No	No	Yes	Yes
Date	01-Jul-2019	16-Dec-2021	21-Jun-2022	30-Jun-2024
Comments:	Measures whether geospatial planning platform used during detailed geospatial exercise has been transferred to JIRAMA and relevant JIRAMA staff have been trained on its use			
<b>► National Electrification Investment Plan developed and adopted (Yes/No, Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No	No	No	Yes
Date	01-Jul-2019	16-Dec-2021	21-Jun-2022	30-Jun-2024
Comments:	Measures whether National Electrification Investment Plan has been developed and adopted			

**Performance-Based Conditions**



**Data on Financial Performance**

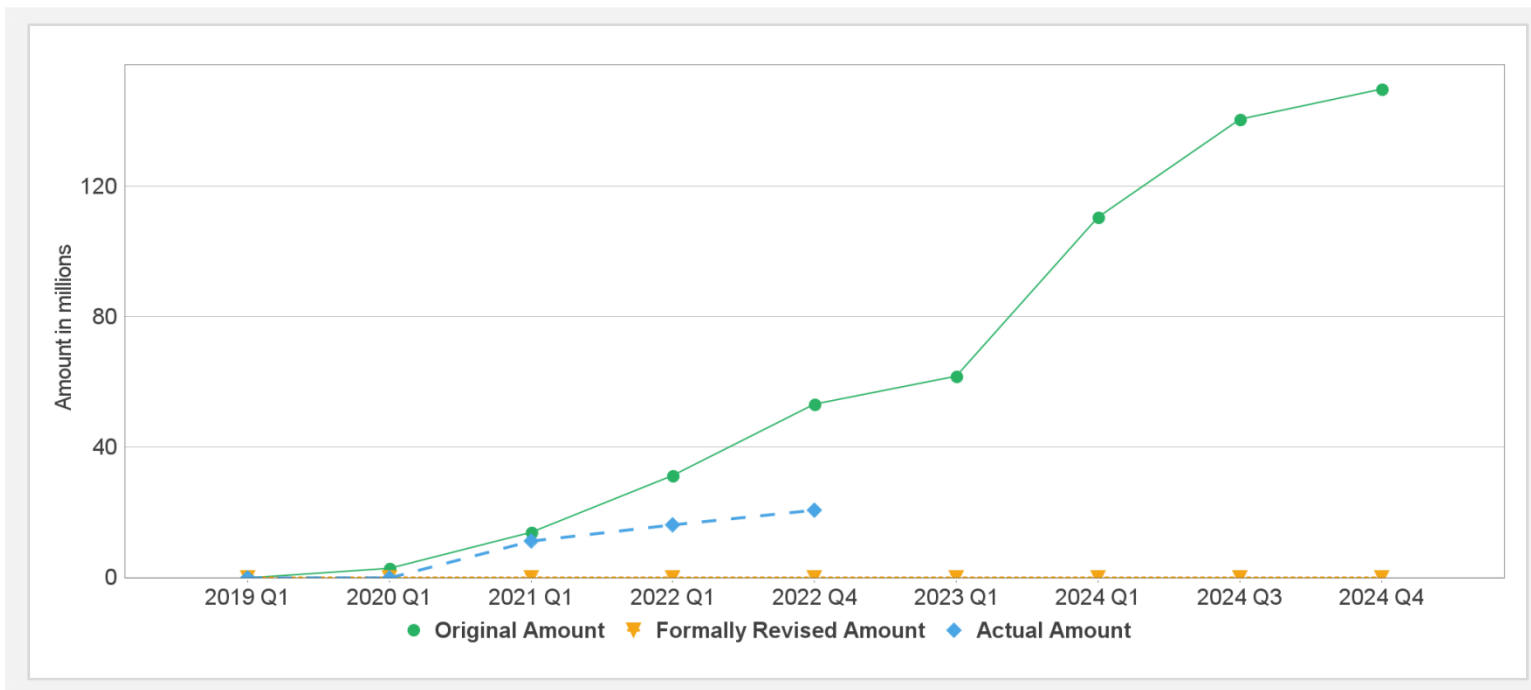
**Disbursements (by loan)**

Project	Loan/Credit/TF	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	% Disbursed
P163870	IDA-63730	Effective	USD	150.00	150.00	0.00	20.72	125.55	14%

**Key Dates (by loan)**

Project	Loan/Credit/TF	Status	Approval Date	Signing Date	Effectiveness Date	Orig. Closing Date	Rev. Closing Date
P163870	IDA-63730	Effective	01-Mar-2019	26-Mar-2019	19-Jul-2019	30-Jun-2024	30-Jun-2024

**Cumulative Disbursements**



**Restructuring History**

There has been no restructuring to date.

**Related Project(s)**

There are no related projects.



