# Climate Investment Funds

SREP/SC.20/Inf.2 January 24, 2019

Meeting of the SREP Sub-Committee Ouarzazate, Morocco Friday, February 1, 2019

SREP COUNTRY PORTFOLIO

## Scaling Up Renewable Energy Program in Low-Income Countries COUNTRY PORTFOLIO REPORT

1. The COUNTRY PORTFOLIO REPORT is an information document which provides project information and status updates for each SREP supported country. The country summary gives a snapshot of the overall endorsed funding, approvals and expected co-financing with a detailed breakdown under the project list. It also provides a brief progress update for each project. Project data is as of October

2. At the June 2016 meetings, committee members requested for more substantive information on project circumstances, specifically their submission and approval delays as well as reasons for slow disbursement. In response, the Climate Investment Funds Administrative Unit (CIFAU) identified reasons for submission delays and possible causes for low disbursement (see Annex A). Multilateral Development Banks (MDBs) contributed by providing inputs (project-by-project basis) on remedial measures that fast track project clearances. They also shared disbursement deviation information and planned actions to ramp up funds utilization. This report encapsulates these findings, including advanced stage projects' implementation status and additional details.

#### **REASONS FOR APPROVAL DELAY OR DISBURSEMENT DEVIATION**

REASONS FOR	CIF TFC/SC AND MDB APPROVAL DELAY
•	Natural Disaster/Epidemic: Includes earthquakes, hurricanes, disease outbreaks, etc.
•	Political or Social Unrest: Includes civil wars, coup d'états, riots, etc.
•	Government Restructuring: Includes changes in government (elections), or in staffing of the relevant Ministries or participating governmental institutions.
•	Government Approval Process: Includes lengthy approvals processes, reviews and pre-approvals in several steps and by multiple ministries or government hierarchies.
•	Project Design Phase: Includes project design development, recruitment of technical experts, consultations with different stakeholders, negotiations etc.
•	Safeguards Compliance: Includes fulfilling all safeguards requirements that need to be included in the project documents.
•	MDB Approval/Review Process: Includes internal delays in project approval or review processes, staffing shortages or administrative problems, etc.
•	Other
REASONS FOR	DISBURSEMENT DEVIATION
•	Natural Disaster/Epidemic: Includes earthquakes, hurricanes, disease outbreaks, etc.

Political or Social Unrest: Includes situations such as civil wars, coup d'états, riots, etc.

Government Restructuring: Includes changes in government (elections), or in staffing of the relevant Ministries or participating governmental institutions, delays due to new or special processes created internally by the government, etc.

- Government Approval Process: Includes lengthy disbursements processes, approval in several steps and by multiple ministries or government hierarchies. Especially loan projects, which need approval by parliament.
- Establishment of the Project Management Unit (PMU): Includes recruitment of the PMU staff/ technical team, capacity building, legal establishment of PMU within Government, setting up funding channels, etc.
- Procurement/Bidding Issues: Includes implementation of complex and large-scale bidding processes, adhering to MDBs procurement policies, identification of suitable candidates / qualified offers, etc.
- Project Restructuring: Includes fundamental changes in project design or other project amendments.

Other

				Country Portfoli	o Summary Page				
Country/Region	Endorsement Date	Revised Endorsement Date	Number of Projects	Indicative Pipeline Allocation (\$M)	SC Approvals (\$M)	Approval Rate	MDB Approval (\$M)	Expected Cofinancing (\$M)	Disbursement as of June 2018 (\$M
Armenia	Jun-14	-	3	39.97	39.97	100%	10.97	246.60	7.4
Bangladesh	Nov-15	-	3	68.17	52.67	77%	23.42	568.85	0.3
Cambodia	Jun-16	-	4	30.25	16.25	54%	2.25	22.50	0.2
Ethiopia	Mar-12	-	3	31.63	29.63	94%	29.63	313.15	11.0
Ghana	May-15	-	3	40.0	1.51	4%	1.51	186.0	
Haiti	May-15	-	4	27.12	19.62	72%	19.62	80.0	
Honduras	Nov-11	Apr-17	7	29.06	29.06	100%	9.68	285.42	1.9
Kenya	Sep-11	-	2	32.50	32.50	100%	32.50	456.48	16.5
Liberia	Oct-13	-	2	50.0	50.0	100%	26.50	7.98	4.5
Lesotho	Dec-17	-	2	18.80	1.80	10%	1.80	57.60	0.2
Madagascar	Jun-18	-	2	20.30	0.30	1%	0.30	16.50	0.2
Maldives	Oct-12	-	2	25.90	25.90	100%	25.90	170.44	8.3
Mali	Nov-11	-	3	28.61	28.61	100%	19.91	89.84	6.1
Mongolia	Nov-15	-	3	29.91	29.91	100%	29.91	64.10	1.6
Nepal	Nov-11	-	2	39.80	39.80	100%	39.80	68.82	3.3
Nicaragua	May-15	-	2	15.0	7.50	50%	7.50	95.89	
Pacific_Region	May-15	-	1	2.0	2.0	100%	2.0	3.74	0.4
Rwanda	Nov-15	-	1	50.0	50.0	100%	50.0	51.0	5.8
Solomon_Islands	Jun-14	-	2	13.41	13.41	100%	6.86	24.0	0.6
Tanzania	Sep-13	-	3	37.18	37.18	100%	15.45	218.37	8.
Uganda	Nov-15	-	2	16.20	4.18	26%	4.18	49.10	
Vanuatu	Nov-14	-	2	14.0	14.0	100%	14.0	36.0	0.6
PSSA	Jun-14	-	6	85.15	53.55	63%	45.94	569.81	3.4

Investment Plan	ARMENIA
Endorsement Date	Jun-14
Last Revision Date	
No. of Projects	3

Indicative Pipeline Allocation (\$M)	39.97
SC Approvals (\$M)	39.97
Approval Rate	100%
MDB Approval (\$M)	10.97
Expected Cofinancing (\$M)	246.60
Disbursement as of June 2018 (\$M)	7.48 7.



#### MDB Approved Projects/Programs

XSREAM034A Geothermal Exploratory Drilling Project IBRD Jun-15 8.68 108.60 Disbursing Other The reasons for the delay are twofold: (i) an No implementation activities in the reporting period unexpected change in the Director of the PIU	Project ID	Project Title	MDB	Approval Date	Funding	Expected Co Financing	Status		Main Reason for Disbursement Deviation	Please Describe:	Implementation Highlights
(i.e. R2E2), and (ii) political changes in Armenia.	XSREAM034A	1 , 5 ,	IBRD	Jun-15	8.68	108.60	Disbursing	Other		unexpected change in the Director of the PIU (i.e. R2E2), and (ii) political changes in	1 31

#### **Committee Approved Projects/Programs**

Project ID	Project Title	MDB	Expected Approval Date	Funding	Expected Co Financing	Status	Reasons for Delay in MDB Approval	Brief Summary of the Situation	Planned Remedial Actions to Expedite MDB Approval
XSREAM035A	Private Sector Utility Scale Solar Power Support Project	IBRD	Mar-18	28.0	124.0	Committee Approved		The winning bidder for the Masrik-1 project (55 MW), FRV, received the letter of award from the Government in May 2018. FRV is currently in the process of signing mandates with the lenders. Once the financing sources are lined up, it will be confirmed whether the IBRD/SREP guarantee will be required and, if so, in which amount. The deadline for financia close is January 2019.	
PSREAM039A	Development of Geothermal Heat Pumps and Solar Water Heaters	EBRD	Jun-18	3.0	14.0	Committee Approved		0	

Investment Plan	BANGLADESH
Endorsement Date	Nov-15
Last Revision Date	
No. of Projects	3

Indicative Pipeline Allocation (\$M)	68.17
SC Approvals (\$M)	52.67
Approval Rate	77%
MDB Approval (\$M)	23.42
Expected Cofinancing (\$M)	568.85
Disbursement as of June 2018 (\$M)	0.39



#### MDB Approved Projects/Programs

Project ID	Project Title	MDB	Approval Date	Funding	Expected Co- Financing	Status	Main Reason for Disbursement Deviation	Please Describe:	Implementation Highlights
XSREBD064A	Off-Grid Solar PV-Solar Irrigation	ADB	Jul-18	22.22		MDB Approved	0		0 The project was ADB approved on 5 July 2018 and becomes effective on 9 August 2018. The first disbursement will be Q3 2019, and final disbursement could be Q2 2021. Currently, there is no perceived deviation from the programmed disbursement.

#### **Committee Approved Projects/Programs**

Project ID	Project Title	MDB	Expected Approval Date	Funding	Expected Co Financing	- Status	Reasons for Delay in MDB Approval	Brief Summary of the Situation	Planned Remedial Actions to Expedite MDB Approval
XSREBD076A	Scaling Up Renewable Energy	IBRD	Mar-18	29.25	402.	Committee Approved	Government Approval Process	the Government of Bangladesh of project proposals by Implementing Agencies and the	The Bank Decision Review Meeting was held in April, 2018. The Resettlement Action Plan (RAP) is being finalized for disclosure, the project appraisal is expected to follow the completion of the RAP. The Government approvals of IA's sub-project proposals are expected during the requested extension period which was approved by SREP Sub-Committee. Upon the Government approvals, the Project will be able to proceed with negotiations. The Bank Board approval will be sought by November 2018.

Project ID	Project Title	MDB	Expected Approval Date	Funding	Expected Co Financing	Status	Reasons for Delay in SC Approval	Brief Summary of the Situation	Planned Remedial Actions to Expedite SC Approval
PSREBD062A	Grid Connected Renewables: Investment in Utility-scale solar, wind and rooftop solar (including technical assistance)	IFC	Sep-18	15.50	140.25		Establishment of the Project Management Unit(PMU)	The team continues working on preparing the investment project. Client is keen on moving forward, but, given challenging regulatory conditions, negotiations are taking time	Continued engagement with the client

Investment Plan	CAMBODIA
Endorsement Date	Jun-16
Last Revision Date	
No. of Projects	4

Indicative Pipeline Allocation (\$M)	30.25	
SC Approvals (\$M)	16.25	
Approval Rate	54%	
MDB Approval (\$M)	2.25	46% -
Expected Cofinancing (\$M)	22.50	
Disbursement as of June 2018 (\$M)	0.28	



#### **Committee Approved Projects/Programs**

Project ID	Project Title	MDB	Expected Approval Date	Funding	Expected Co Financing	Status	Brief Summary of the Situation	Planned Remedial Actions to Expedite MDB Approval	Other Information
XSREKH077A	National Solar Parks Program	ADB	Jun-18	14.65	22.50		The project is scheduled for ADB approval in January 2019		

Project ID	Project Title	MDB	Expected Approval Date	Funding	Expected Co- Financing	Status	Reasons for Delay in SC Approval	Brief Summary of the Situation	Planned Remedial Actions to Expedite SC Approval
PSREKH078A	Private Sector Solar Development -	ADB	Dec-19	6.0	- (	Concept	0	Project is under reserved pipeline.	
	Rooftop Solar				I	Endorsed			
PSREKH078B	Private Sector Solar Development -	ADB	Sep-18	5.0	- (	Concept	Establishment of the Project Management Unit(PMU)	The project is linked with the public sector Solar	On-going discussion with potential transactions.
	Utility-Scale/Parks				I	Endorsed		Park Program by extending financing to the IPP	
								project(s).	
XSREKH074A	Policy Support and Public Awareness	ADB	Jan-19	3.0	- (	Concept	0	The project is under reserved pipeline.	
					ļ	Endorsed			

Investment Plan	ETHIOPIA
Endorsement Date	Mar-12
Last Revision Date	
No. of Projects	3

Indicative Pipeline Allocation (\$M)	31.63
SC Approvals (\$M)	29.63
Approval Rate	94%
MDB Approval (\$M)	29.63
Expected Cofinancing (\$M)	313.15
Disbursement as of June 2018 (\$M)	11.03



#### MDB Approved Projects/Programs

Project ID	Project Title	MDB	Approval Date	Funding	Expected Co- Financing	Status	Main Reason for Disbursement Deviation	Please Describe:	Implementation Highlights
XSREET001A	Geothermal Sector Development Project (GSDP)	IBRD	May-14	24.50	304.0	Disbursing	Safeguards Compliance		Bidding for Aluto site drilling rigs supply and operation contact has been concluded in May 2018 and is currently under evaluation. The results of the procurement packages hasn't been analysed. The project restructuring is expected to be decided following the analysis after the contract award. The draft bidding documents for Alalobad site contracts and training plan were prepared. A consultative workshop on institutional structure of geothermal in Ethiopia has been held in September, 2018.
PSREET003A	Geothermal Sector Strategy and Regulations	IFC	Mar-14	1.50		MDB Approved			The project is completed and closed
PSREET005A	Lighting Ethiopia / Clean Energy SMEs Capacity Building and Investment Facility	IFC	Dec-14	2.0		MDB Approved			Advisory project is under implementation

Project ID	Project Title	MDB	Expected Approval Date	Funding	Expected Co Financing	- Status	Reasons for Delay in SC Approval	Brief Summary of the Situation	Planned Remedial Actions to Expedite SC Approval
PSREET005B	Clean Energy SMEs Capacity Building	IFC	Jun-19	2.0	8.0	Concept		Given luck of market appetite, the project is	
	and Investment Facility					Endorsed		currently not under active development	

Investment Plan	GHANA
Endorsement Date	May-15
Last Revision Date	
No. of Projects	3

Indicative Pipeline Allocation (\$M)	40.0
SC Approvals (\$M)	1.51
Approval Rate	4%
MDB Approval (\$M)	1.51
Expected Cofinancing (\$M)	186.0
Disbursement as of June 2018 (\$M)	



96% \_

Project ID	Project Title	MDB	Expected Approval Date	Funding	Expected Co Financing	Status	Reasons for Delay in SC Approval	Brief Summary of the Situation	Planned Remedial Actions to Expedite SC Approval
XSREGH044A	RE Mini-Grids and Stand Alone Solar PV Systems	AFDB	Jun-20	12.79	65.50	Concept Endorsed		Project is under reserved pipeline.	
XSREGH045A	Solar PV Based Net Metering with Battery Storage	AFDB	Jun-20	17.21	80.50	Concept Endorsed		Project is under reserved pipeline.	
PSREGH046A	Utility-scale Solar PV/Wind Power Generation	IFC	Dec-18	10.0	40.0	Concept Endorsed	Government Approval Process	The project is at a very advanced stage and is awaiting for the government to sign certain agreements	WB is assisting the government in the overall power sector overhaul

Approval	Analysis
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Investment Plan	HAITI
Endorsement Date	May-15
Last Revision Date	
No. of Projects	4

Indicative Pipeline Allocation (\$M)	27.12
SC Approvals (\$M)	19.62
Approval Rate	72%
MDB Approval (\$M)	19.62
Expected Cofinancing (\$M)	80.0
Disbursement as of June 2018 (\$M)	



28% -

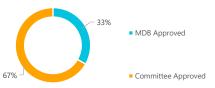
#### MDB Approved Projects/Programs

Project ID	Project Title	MDB	Approval Date	Funding	Expected Co Financing	Status	Main Reason for Disbursement Deviation	Please Describe:	Implementation Highlights
XSREHT047A	Renewable Energy and Access for All	IBRD	Oct-17	8.62		MDB Approved			Key actions achieved during the reporting period were the finalization of the Project Operations Manual and the staffing of the Project Implementation Unit. The World Bank team conducted several missions to Haiti over the reporting period, and noted the substantial progress made to fulfill the conditions precedent to effectiveness.
XSREHT050A	Renewable Energy for the Metropolitan Area	IBRD	Dec-17	11.0		MDB Approved			Key actions achieved during the reporting period were the finalization of the Project Operations Manual and the staffing of the Project Implementation Unit. The World Bank team conducted several missions to Haiti over the reporting period, and noted the substantial progress made to fulfill the conditions precedent to effectiveness.

Project ID	Project Title	MDB	Expected Approval Date	Funding	Expected Co Financing	Status	Reasons for Delay in SC Approval	Brief Summary of the Situation	Planned Remedial Actions to Expedite SC Approval
PSREHT048A	RE for the Port-Au-Prince Metropolitan Area	IFC	Jun-18	0.50	-	Concept Endorsed		This advisory component will likely be submitted for the Sub-Committee review together with the investment component	
PSREHT049A	Off-Grid Electricity Services for productive, Social and Household Uses Project	IFC	Jun-18	7.0	15.0	Concept Endorsed		Development of an investment project continues and IFC expects to be able to soon present the program for the Sub-Committee review	

Investment Plan	HONDURAS
Endorsement Date	Nov-11
Last Revision Date	Apr-17
No. of Projects	7

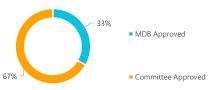
Indicative Pipeline Allocation (\$M)*	29.06
SC Approvals (\$M)*	29.06
Approval Rate	100%
MDB Approval (\$M)*	9.68
Expected Cofinancing (\$M)	285.42
Disbursement as of June 2018 (\$M)	1.99



Project ID	Project Title	MDB	Approval Date	Funding	Expected Co Financing	o- Status	Main Reason for Disbursement Deviation	Please Describe:	Implementation Highlights
XSREHN006A	Strengthening the Renewable Energy Policy and Regulatory Framework Program (FOMPIER), Part I	IADB	Dec-12	0.02	0.09	Disbursing			Due to rapid changes in the Honduran context, this operation was closed, and SREP resources were reused in a new, redesigned operation (XSREHN080A), which was approved by the SREP Subcommittee
PSREHN008A	Grid-Connected RE Development Support (ADERC) - Generation / H- REFF	IADB	Sep-15	6.12	24.0	MDB Approved			In August 2016 two investments were approved by the Investment Committee, one Q1-2018 and three more expected for Q3-2018. Technologies include solar PV (off and on-grid), small hydro, and biomass. Projects are in Honduras and other Central American countries (H-REFF allows some resources to be invested outside Honduras). Total capitalization is currently \$33m and the General partner is fundraising to take it to \$50m. In 2017, HREFF entered a co-investment agreement with CABEF, the Caribbean basin Energy Efficiency and Renewable Energy Fund to together procure investment of up to US\$ 27.5 million in Honduras.
PSREHN011A	Sustainable Rural Energization (ERUS) – Part I & III: Promoting Sustainable Business Models for Clean Cook stoves Dissemination / Sustainable Rural Energization(ERUS)-Part II: Promoting Sustainable Business Models for Clean Cookstoves Dissemination	IADB	Nov-13	2.44	3.03	MDB Approved			The project made progress assigning funds to 4 winners to develop technology innovations to improve stoves performance. It is also strengthening the sustainability of the cookstoves market through microcredit and increased commercialization of portable stoves. The project also works on a strategic initiative to secure and sustain firewood supply for seven clusters of brick and lime producers. This energy security strategy includes the conformation of an association of businesses' owners committed to work towards energy security and strengthen their business operation.

Investment Plan	HONDURAS		
Endorsement Date	Nov-11		
Last Revision Date	Apr-17		
No. of Projects	7		

Indicative Pipeline Allocation (\$M)*	29.06
SC Approvals (\$M)*	29.06
Approval Rate	100%
MDB Approval (\$M)*	9.68
Expected Cofinancing (\$M)	285.42
Disbursement as of June 2018 (\$M)	1.99



#### **Committee Approved Projects/Programs**

Project ID	Project Title	MDB	Expected Approval Date	Funding	Expected Co Financing	). Status	Reasons for Delay in MDB Approval	Brief Summary of the Situation	Planned Remedial Actions to Expedite MDB Approval
XSREHN007A	Grid-Connected RE Development Support (ADERC) - Transmission Phase I	IADB	Aug-17	7.50	70.0	Committee Approved			The project is executing as expected. During the last quarter of the program lot of effort would be paid in environmental and social issues. A consultancy will be executed to prepare the environmental regulatory framework for power activities including best practices guidelines. In addition, a stability assessment from the national grid is being assessed.
XSREHN079A	Grid-Connected RE Development Support (ADERC) - Transmission Phase II	IADB	Jan-18	5.0	186.0	Committee Approved		This project was approved by the IDB Board in September 2018 (after the cut off date for this report). There are not delays in the project. Right now the executing agency is fulfilling prio conditions previous eligibility.	There is a continuous monitoring from the bank and the executing agency to get the project eligibility.
XSREHN080A	Strengthening the RE Policy and Regulatory Framework (FOMPIER) Phase II	IADB	Jun-18	0.83	0.70	Committee Approved		The technical cooperation has been approved by IDB. To be eligible Honduras Government must approve previous conditions. Internal coordination between the Ministry of Finance and the executing agency, the National Power Utility are being set to fulfill with the	The National power utility, executing agency, is coordinating with the recently created Secretary of Energy to evaluate the the scope of the technical cooperation. The National power utility has fiduciary expertise but the Secretary of Energy and the Power Regulatory Commission are developing those skills. Meetings are set to evaluate the scope of activities, implementation schedule, procurement plan, coordination scheme, risk identification and management and task allocation. Teams are preparing the terms of reference for the consultancies.
XSREHN010A	ERUS Universal Energy Access Program (PAUE)	IADB	Aug-17	6.84	1.60	Committee Approved		IDB has approved in August and September two SREP programs related with transmission investment programs in Honduras demanding additional efforts from the Honduran and Headquarters teams. Due to the work overload, the IDB is requesting a final one-month extension for Board approval until October 30, Data	IDB is completing the documentation to get IDB Board approval in October 2018

\*Honduras PSSA pipeline allocation is not included here. See PSSA page/tab for all PSSA related pipeline projects.

Investment Plan	KENYA
Endorsement Date	Sep-11
Last Revision Date	
No. of Projects	2

Indicative Pipeline Allocation (\$M)*	32.50
SC Approvals (\$M)*	32.50
Approval Rate	100%
MDB Approval (\$M)*	32.50
Expected Cofinancing (\$M)	456.48
Disbursement as of June 2018 (\$M)	16.50



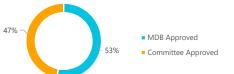
#### MDB Approved Projects/Programs

Project ID	Project Title	MDB	Approval Date	Funding	Expected Co Financing	Status	Main Reason for Disbursement Deviation	Please Describe:	Implementation Highlights
XSREKE012A	Menengai Geothermal Development	AFDB	Dec-11	25.0	443.28	Disbursing			The drilling process is ongoing but delivery is progressing well. Both government support for the
	Project								project and fuel supply for drilling rigs have reportedly improved. GDC is introducing directional
									drilling to advance the drilling progress. The Bank is assisting in procurement of directional
									drilling services. Wells drilled at end of October 2017 provided 165 MW at the wellhead.
									Installation of additional drilling rigs is ongoing
XSREKE014A	Electricity Modernization Project	IBRD	Mar-15	7.50	13.20	MDB			The Project is progressing moderately satisfactorily under its four components - electrification;
						Approved			improvement in service delivery and reliability; revenue protection program; and technical
									assistance/capacity building.

\*Kenya PSSA pipeline allocation is not included here. See PSSA page/tab for all PSSA related pipeline projects.

Investment Plan	LIBERIA
Endorsement Date	Oct-13
Last Revision Date	
No. of Projects	2

Indicative Pipeline Allocation (\$M)	50.0
SC Approvals (\$M)	50.0
Approval Rate	100%
MDB Approval (\$M)	26.50
Expected Cofinancing (\$M)	7.98
Disbursement as of June 2018 (\$M)	4.56



#### MDB Approved Projects/Programs

Project ID	Project Title	MDB	Approval Date	Funding	Expected Co Financing	Status	Main Reason for Disbursement Deviation	Please Describe:	Implementation Highlights
XSRELR031A	Renewable Energy for Electrification	IBRD	Jan-16	25.0	2.0	Disbursing			The SREP grant is effective since May 18, 2016 and is disbursing. There have been delays in
	in North and Center Liberia Project-								launching the procurement of the mini-hdyro plant. Further geotechnical studies will be needed
	Mini Grids								to inform the design of the mini-hydro plant. The procurement process for construction of the
									mini-grid in Lofa County is expected to be launched after the geotechnical studies are
									completed

## Committee Approved Projects/Programs

Project ID	Project Title	MDB	Expected Approval Date	Funding	Expected Co- Financing	Status	Reasons for Delay in MDB Approval	Brief Summary of the Situation	Planned Remedial Actions to Expedite MDB Approval
XSRELR032A	Renewable energy for Electrification	AFDB	Sep-17	25.0	5.98	Committee		The recruitment of a firm to complement the	
	in Eastern Liberia Project-Stand-Alone					Approved		existing E&S studies is almost completed. Once	
	PV							their work is finalized, this project is expected to	
								proceed immediately to Board approval.	

Investment Plan	LESOTHO
Endorsement Date	Dec-17
Last Revision Date	
No. of Projects	2

Indicative Pipeline Allocation (\$M)	18.80
SC Approvals (\$M)	1.80
Approval Rate	10%
MDB Approval (\$M)	1.80
Expected Cofinancing (\$M)	57.60
Disbursement as of June 2018 (\$M)	0.29



90%

 For Committee Approval

Project ID	Project Title	MDB	Expected Approval Date	Funding	Expected Co Financing	Status	Reasons for Delay in SC Approval	Brief Summary of the Situation	Planned Remedial Actions to Expedite SC Approval
XSRELS081A	On-grid RE technologies	AFDB	Jun-18	5.60	25.90	Concept		The Grant Agreement is almost finalized.	
						Endorsed		Signature is expected to occur in the coming	
								months so that implementation can start on the	
								around.	
XSRELS082A	Distributed RE Solutions	IBRD	Jun-20	12.90	31.70	Concept	Establishment of the Project Management Unit	The project team will have a mission on	WB energy department has doubled the staff time in this operation to accelerate preparation.
						Endorsed	(PMU), Other: Lesotho National Electrification	September 24, to collect complementary	WB Lighting Africa team and mini-grids consultancy expert provide support on market
							Masterplan has been released in July 2018 (instead of	information to prepare project QER meeting in	assessment. Ad hoc WB advisory team provide guidance on improved project design.
							May). This document is intended to be a pillar for the	October. Revised PAD post-QER meeting will be	
							sector, hence the project would need to align	submitted to SREP for approval.	
							activitios upon its recommondations		

Investment Plan	MADAGASCAR
Endorsement Date	Jun-18
Last Revision Date	
No. of Projects	2

Indicative Pipeline Allocation (\$M)	20.30
SC Approvals (\$M)	0.30
Approval Rate	1%
MDB Approval (\$M)	0.30
Expected Cofinancing (\$M)	16.50
Disbursement as of June 2018 (\$M)	0.27



aa%

#### **Projects/Programs For Committee Approval**

Project ID	Project Title	MDB	Approval Date	Funding	Expected Co Financing	Status	Reasons for Delay in SC Approval	Brief Summary of the Situation	Planned Remedial Actions to Expedite SC Approval
XSREMG084A	Funding scheme for rural electrification by renewable energy plants and mini-grids	IBRD	Jun-18	12.0	16.50	Concept Endorsed			
XSREMG085A	Hybridization of Isolated Diesel Generation Centers with Solar Technologies	AFDB	Jun-20	8.0	-	Concept Endorsed			

## **Approval Analysis**

 For Committee Approval

Investment Plan	MALDIVES
Endorsement Date	Oct-12
Last Revision Date	
No. of Projects	2

Indicative Pipeline Allocation (\$M)	25.90
SC Approvals (\$M)	25.90
Approval Rate	100%
MDB Approval (\$M)	25.90
Expected Cofinancing (\$M)	170.44
Disbursement as of June 2018 (\$M)	8.35



Project ID	Project Title	MDB	Approval Date	Funding	Expected Co- Financing	Status	Main Reason for Disbursement Deviation	Please Describe:	Implementation Highlights
XSREMV024A	Accelerating Sustainable Private Investments in Renewable Energy (ASPIRE) Program	IBRD	Jun-14	12.60	58.0	Disbursing	Government Approval Process,Government Restructuring,Other,Political or Social Unrest,Safeguards Compliance		1.5 MW Roof-top Solar project in Low-Cost Housing units successfully completed. Key achievements are: (i) Incident-free power supply since March 2018 – no complaints from any resident during construction or operations, (ii) Legal opinion issued, and IDA Guarantee effective in August, 2018, (iii) New bids planned for 5+2 MW in Male' and Addu respectively, (iv) Mid-Term Review mission planned for after new government takes office.
XSREMV025A	Preparing Outer Island Sustainable Electricity Development Project / Technical Assistance: Capacity Development of the Maldives Energy Authority	ADB	Sep-14	12.69	112.0	Disbursing			The ADB portion of the project is progressing ahead of schedule and SREP funds allocated will be used up before the proposed final disbursement date.
XSREMV025B	Technical Assistance: Republic of the Maldives Capacity Development of the Maldives Energy Authority	ADB	Mar-15	0.40	0.44	Disbursing	Other	There has been government unrest in the Maldives towards the completion of the TA, hence, hindered the implementation of some activities that are supposed to be funded through SREP. The political situation resulted in delays in the workshop. Government restructuring as MEA does not have a full time head and limited staff and this delayed initial implementation.	The TA completion date is 31 March 2018.

Approval Analysis	
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Investment Plan	MALI
Endorsement Date	Nov-11
Last Revision Date	
No. of Projects	3

Indicative Pipeline Allocation (\$M)*	28.61
SC Approvals (\$M)*	28.61
Approval Rate	100%
MDB Approval (\$M)*	19.91
Expected Cofinancing (\$M)	89.84
Disbursement as of June 2018 (\$M)	6.10



#### MDB Approved Projects/Programs

Project ID	Project Title	MDB	Approval Date	Funding	Expected Co Financing	. Status	Main Reason for Disbursement Deviation	Please Describe:	Implementation Highlights
XSREML016A	Rural Electrification Hybrid Systems	IBRD	Dec-13	15.06	40.73	Disbursing	Safeguards Compliance		Following the completion of the feasibility studies and procurement of the supply, installation
									and commissioning services for the mini-grids, the project has significantly advanced. Six
									contracts were signed for 23 sites and the World Bank has given its no objection for the EPC
									contracts covering 22 additional sites. The implementation of the resettlement action plans for
									the selected localities is being completed
XSREML033A	Project for Scaling Up Renewable	AFDB	Oct-14	1.50	1.08	Disbursing	Safeguards Compliance		This TA project had a slow start, but during the reporting period, implementation is picking up.
	Energy in Mali								Monitoring on indicators has evolved and the number of new approved projects in renewable
									energy is growing. The recent approval of the Segou Solar Park by the SREP Funds and the Bank
									as well as SEFA's interest in supporting the preparation of a second major solar investment is a
									signal of the growth of the sector

#### **Committee Approved Projects/Programs**

Project ID	Project Title	MDB	Expected Approval Date	Funding	Expected Co Financing	). Status	Reasons for Delay in MDB Approval	Brief Summary of the Situation	Planned Remedial Actions to Expedite MDB Approval
XSREML017A	Mini Hydropower Plants and Related	AFDB		10.90	48.03	Committee		This project was just approved by the AfDB	
	Distribution Networks Development					Approved		Board on 9/17/2018.	
	Project								

Investment Plan	MONGOLIA
Endorsement Date	Nov-15
Last Revision Date	
No. of Projects	3

Indicative Pipeline Allocation (\$M)	29.91
SC Approvals (\$M)	29.91
Approval Rate	100%
MDB Approval (\$M)	29.91
Expected Cofinancing (\$M)	64.10
Disbursement as of June 2018 (\$M)	1.69



Project ID	Project Title	MDB	Approval Date	Funding	Expected Co- Financing	Status	Main Reason for Disbursement Deviation	Please Describe:	Implementation Highlights
XSREMN057A	Capacity Building and Regulatory Support Technical Assistance	IBRD	Aug-16	1.20	0.10	Disbursing			To encourage private sector investment in utility-scale renewable energy by improving aspects of the governing regulations in force: (i) trainings have been delivered on commercial and financial aspects of PPAs and on licensing for RE IPP generation; (ii) the Mongolian grid code has been reviewed and recommendations were provided; (iii) a high-level study tour to Egypt on solar power development was organized; and (iv) a training on RE incentives and auctioning was delivered.
XSREMN056A	Upscaling Rural Renewable Energy - Solar PV	IBRD	Jun-17	12.40		MDB Approved	Project Design Phase		45 hectares of land were secured for the development of the solar power plant. The area is partly covered by solid waste. The Project presents an opportunity to clear up and dispose of the waste in an environmentally sound manner in a nearby dump. Works for the safe removal of the waste from the site surface and transfer of the same to a select dump have begun.
XSREMN055A	Upscaling Renewable Energy Sector	ADB	Sep-18	16.10		MDB Approved			The project was MDB approved in 20 September 2018.

Investment Plan	NEPAL
Endorsement Date	Nov-11
Last Revision Date	
No. of Projects	2

Indicative Pipeline Allocation (\$M)*	39.80
SC Approvals (\$M)*	39.80
Approval Rate	100%
MDB Approval (\$M)*	39.80
Expected Cofinancing (\$M)	68.82
Disbursement as of June 2018 (\$M)	3.32



#### MDB Approved Projects/Programs

Project ID	Project Title	MDB	Approval Date	Funding	Expected Co- Financing	Status	Main Reason for Disbursement Deviation	Please Describe:	Implementation Highlights
XSRENP022A	South Asia Sub-regional Economic Cooperation Power System Expansion Project: Rural Electrification Through Renewable Energy	ADB	Nov-16	31.64	41.22	Disbursing	Other	financial closure of mini hydro subprojects are being delayed due to delay in securing	For Rural Electrification project, (i) Mini Hydro Subprojects (MHP)-(Target Installation 4200 kW), contract awarded 5 MHPs with cumulative size of 1400 kW. Procurement is ongoing for another 2 subprojects with cumulative size of 1200 kW; (ii) Wind Solar Mini Grid(SWMG)-(target Installation 500 kW), 3 SWMGs project with cumulative size of 90kWp completed and construction ongoing for 3 SWMGs with total size of 245 kWp. Contract Award: \$5.21 million (46.5%) of total financed amount of \$11.2 million. Disbursement: \$1.5 million (13.4%) against total financed amount of \$11.2 million.
XSRENP022B	South Asia Sub-regional Economic Cooperation Power System Expansion Project: Rural Electrification Through Renewable Energy	ADB				MDB Board Approved			
XSRENP023A	Biogas Extended Program	IBRD	Aug-14	7.90	27.60 [	Disbursing			The project progress has accelerated since the last review with nearly 375 application for commercial and municipal projects received against the target of 350. As of the January 2018, 93 sub-projects including two large projects have been commissioned. On the municipal side, however, no project has vert eached to the construction phase.

\*Nepal PSSA pipeline allocation is not included here. See PSSA page/tab for all PSSA related pipeline projects.

^Projects that end with a "B" on their ID indicate either a second tranche or an extension of the original "A" labeled project.

Investment Plan	NICARAGUA
Endorsement Date	May-15
Last Revision Date	
No. of Projects	2

Indicative Pipeline Allocation (\$M)	15.0
SC Approvals (\$M)	7.50
Approval Rate	50%
MDB Approval (\$M)	7.50
Expected Cofinancing (\$M)	95.89
Disbursement as of June 2018 (\$M)	



#### MDB Approved Projects/Programs

Project ID	Project Title	MDB	Approval Date	Funding	Expected Co Financing	Status	Main Reason for Disbursement Deviation	Please Describe:	Implementation Highlights
XSRENI054A	Nicaragua Geothermal Exploration	IADB	Sep-16	7.50	95.89	MDB			This operation was approved by the IDB Board on September 7, 2016, and eligibility was
	and Transmission Improvement					Approved			achieved on August 15, 2017. A preparatory technical cooperation activity (with USD 0.456M of
	Program under the PINIC								IDB resources) is in execution. The executing agency continued working on the technical strategy
									and subsequent activities associated to geothermal exploration

			Expected		Expected Co-				
Project ID	Project Title	MDB	Approval Date	Funding	Financing	atus	Reasons for Delay in SC Approval	Brief Summary of the Situation	Planned Remedial Actions to Expedite SC Approval
XSRENI075A	Integral Develoment of Rural Areas Project	IADB	Mar-19	7.50	- Conce Endor			Project is under reserved pipeline.	

Investment Plan	PACIFIC REGION
Endorsement Date	May-15
Last Revision Date	
No. of Projects	1

Indicative Pipeline Allocation (\$M)	2.0
SC Approvals (\$M)	2.0
Approval Rate	100%
MDB Approval (\$M)	2.0
Expected Cofinancing (\$M)	3.74
Disbursement as of June 2018 (\$M)	0.40



Pro	oject ID	Project Title	MDB	Approval Date	Funding	Expected Co- Financing	Status	Main Reason for Disbursement Deviation	Please Describe:	Implementation Highlights
XSR	EPC042A	Sustainable Energy Industry Development Project	IBRD	Sep-15	1.92	3.74	Disbursing	Safeguards Compliance		The implementation of the project is progressing well despite delays in procurement. The project development objectives are still on track to be achieved by the current closing date. The implementing agency has had difficulty in progressing major procurement exercises in the last six months. It is expected that as soon as the procurement of the Phase 2 Resource mapping is being completed over the next 6 to 12 months, the project disbursement rate will substantially improve

Investment Plan	RWANDA
Endorsement Date	Nov-15
Last Revision Date	
No. of Projects	1

Indicative Pipeline Allocation (\$M)	50.0
SC Approvals (\$M)	50.0
Approval Rate	100%
MDB Approval (\$M)	50.0
Expected Cofinancing (\$M)	51.0
Disbursement as of June 2018 (\$M)	5.85





Project ID	Project Title	MDB	Approval Date	Funding	Expected Co- Financing	Status	Main Reason for Disbursement Deviation	Please Describe:	Implementation Highlights
XSRERW058A	Renewable Energy Fund	IBRD	Jun-17	49.74	51.0	Disbursing	0	0	After the World Bank Board approval of the Renewable Energy Fund (REF) project on June 20, 2017, the legal agreements for REF were signed on July 7, 2017; the project became effective on November 3, 2017. Four banks and eight Savings and Credit Cooperatives have signed subsidiary agreements with Development Bank of Rwanda to open credit lines for solar system financing.

Investment Plan	SOLOMON ISLANDS
Endorsement Date	Jun-14
Last Revision Date	
No. of Projects	2

Indicative Pipeline Allocation (\$M)	13.41
SC Approvals (\$M)	13.41
Approval Rate	100%
MDB Approval (\$M)	6.86
Expected Cofinancing (\$M)	24.0
Disbursement as of June 2018 (\$M)	0.66



Committee Approved

MDB Approved Projects/Programs

Project ID	Project Title	MDB	Approval Date	Funding	Expected Co- Financing	Status		Main Reason for Disbursement Deviation	Please Describe:	Implementation Highlights
XSRESB038A	Solar Power Development Project	ADB	Nov-16	6.64	9.0	MDB	0	0		Main EPC contract signed Sep 2018
						Approved				

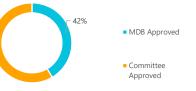
#### Committee Approved Projects/Programs

Project ID	Project Title	MDB	Expected Approval Date	Funding	Expected Co- Financing	Status	Reasons for Delay in MDB Approval	Brief Summary of the Situation	Planned Remedial Actions to Expedite MDB Approval
XSRESB037A	Electricity Access and Renewable	IBRD	Jul-18	6.55		Committee	0	0	0
	Expansion Project – 2					Approved			

Approval	Analysis
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Investment Plan	TANZANIA
Endorsement Date	Sep-13
Last Revision Date	
No. of Projects	3

Indicative Pipeline Allocation (\$M)	37.18
SC Approvals (\$M)	37.18
Approval Rate	100%
MDB Approval (\$M)	15.45
Expected Cofinancing (\$M)	218.37
Disbursement as of June 2018 (\$M)	8.19



#### MDB Approved Projects/Programs

Project ID	Project Title	MDB	Approval Date	Funding	Expected Co Financing	- Status	Main Reason for Disbursement Deviation	Please Describe:	Implementation Highlights
XSRETZ028A	Renewable Energy for Rural Electrification	IBRD	Jun-16	9.80	150.0	Disbursing			The Implementing Agency (IA) continues to make progress in the implementation of the on-grid component and towards achievement of the development objective. IA has (i) successfully completed the withdrawal of the project advance; (ii) completed on-grid connections which are yet to be verified (iii) signed 27 out of 29 contracts for electrification works and detailed design studies are being finalized with construction works expected to start soon in some areas.
PSRETZ029A	Mini-Grids Project	IFC	Jun-15	4.95	0.10	MDB Approved			An advisory project is under active implementation and has recently entered the second phase of implementation.

#### **Committee Approved Projects/Programs**

Project ID	Project Title	MDB	Expected Approval Date	Funding	Expected Co- Financing	Status	Reasons for Delay in MDB Approval	Brief Summary of the Situation	Planned Remedial Actions to Expedite MDB Approval
XSRETZ027A	Geothermal Development	AFDB	Jul-17	22.43		Committee Approved	Government Approval Process	No agreement was reached with the GoT on the structure of this operation due to the GoT's competing priorities in the allocation of AfDB co financing amounts available to the country.	

Investment Plan	UGANDA
Endorsement Date	Nov-15
Last Revision Date	
No. of Projects	2

Indicative Pipeline Allocation (\$M)	16.20
SC Approvals (\$M)	4.18
Approval Rate	26%
MDB Approval (\$M)	4.18
Expected Cofinancing (\$M)	49.10
Disbursement as of June 2018 (\$M)	



74%

MDB Approved

 For Committee Approval

Project ID	Project Title	MDB	Expected Approval Date	Funding	Expected Co Financing	. Status	Reasons for Delay in SC Approval	Brief Summary of the Situation	Planned Remedial Actions to Expedite SC Approval
XSREUG068A	Decentralized Renewables	AFDB	Jun-20	9.40	16.70	Concept		0 Project is under reserved pipeline. Grant	
	Development Program: Mini-Grids &					Endorsed		Agreement was signed by the Government in	
	Urban Small Scale Solar PV Net							March 2018. The General Procurement Notice	
	Metering							was published in May 2018. It is expected that	
								the EOI will be published in early October 2018.	
XSREUG070A	Wind Resource Map and Pilot Wind	AFDB	Jun-20	6.80	32.40	Concept		0 Project is under reserved pipeline. Grant	
	Power Development Program					Endorsed		Agreement was signed by the Government in	
								March 2018. The General Procurement Notice	
								(GPN) and Expression of Interest (EOI) were	
								published in July and August 2018 respectively.	

Investment Plan	VANUATU
Endorsement Date	Nov-14
Last Revision Date	
No. of Projects	2

Indicative Pipeline Allocation (\$M)	14.0
SC Approvals (\$M)	14.0
Approval Rate	100%
MDB Approval (\$M)	14.0
Expected Cofinancing (\$M)	36.0
Disbursement as of June 2018 (\$M)	0.63

MDB Approved

100%

Project ID	Project Title	MDB	Approval Date	Funding	Expected Co Financing	- Status	Main Reason for Disbursement Deviation	Please Describe:	Implementation Highlights
XSREVU040A	Rural Electrification Project	IBRD	May-17	6.77	27.90	Disbursing	Other,Safeguards Compliance	(a) Limited private sector capacity in offering "component-based" solar home systems (b) Change in institutional model for mini grids	The Project Operations Manual, Subsidy Implementation Manual, Terms of Reference for Owner's Engineer (OE) have been finalized. Program Manager is in place, Five vendors have registered, 40 products have been submitted for evaluation, 5 were approved. Expressions of interest for the OE to support procurement of mini grids advertised, evaluated and Request for Proposals (RFPS) from six firms in progress. Expect selection by December, 2018.
XSREVU041A	Energy Access Project (Small Hydropower Project)	ADB	Sep-17	7.0	8.10	Disbursing	Other	Project is ahead of scheduled disbursements.	As of end July 2018, the project progress estimated to be 10% complete per project duration and 0.3% complete per disbursements. The government has completed recruitment of two consultant engagements.

Investment Plan	PSSA	
Endorsement Date	Jun-14	
Last Revision Date		
No. of Projects	6	

Indicative Pipeline Allocation (\$M)	85.15
SC Approvals (\$M)	53.55
Approval Rate	63%
MDB Approval (\$M)	45.94
Expected Cofinancing (\$M)	569.81
Disbursement as of June 2018 (\$M)	3.4



9%

For Committee Approval

#### MDB Approved Projects/Programs

Project ID	Project Title	MDB	Approval Date	Funding	Expected Co Financing	- Status	Main Reason for Disbursement Deviation	Please Describe:	Implementation Highlights
PSREHN501A	Strengthening of the ADERC H-REFF in Honduras	IADB	Sep-15	15.0		MDB Approved	0	0	
PSREML502A	Segou Solar Park	AFDB	Jun-17	25.0		MDB Approved		Project awaiting final Bank signature to become effective	Implementation has not begun.
PSREHN603A	Self Supply Renewable Energy Guarantee Program	IADB	Apr-15	5.50		MDB Approved	0		Two clients were supported with renewable energy feasibility studies in Honduras. One knowledge product showing the impact of IDB group and it's donors in fostering renewable energy in the country was developed.

#### Committee Approved Projects/Programs

Project ID	Project Title	MDB	Expected Approval Date	Funding	Expected Co- Financing	Status	Reasons for Delay in MDB Approval	Brief Summary of the Situation	Planned Remedial Actions to Expedite MDB Approval
XSRENP504A	ABC Business Models for Off-Grid	IBRD	Feb-18	7.61	7.95	Committee	Establishment of the Project Management	The task team plans to appraise and negotiate	Going forward, finalization of project's legal agreements and the subsidiary loan agreement
	Energy Access Nepal					Approved	Unit(PMU)	the project with the Government of Nepal	between the Implementing Agency (AEPC) and commercial banks will be prioritized. AEPC will
								around September 2018 with a target of Board	prepare the project operation manual, project selection guidelines, Project Procurement
								approval in November 2018.	Strategy for Development, and procurement plan. AEPC has advised potential ESCOs to
									proceed with subproject preparation activities. AEPC and the Bank's task team will closely
								1	en entéen aux aures af éles a sécurés la channais sés

Project ID	Project Title	MDB	Expected Approval Date	Funding	Expected Co Financing	Status	Reasons for Delay in SC Approval	Brief Summary of the Situation	Planned Remedial Actions to Expedite SC Approval
PSREKE503A	Kenya: Kopere Solar Park	AFDB	Sep-18	11.60	-	Concept	(	Due diligence ongoing and now advancing at	
						Endorsed		a fast pace	
PSREKE601A	Kenya: Olkaria IV Geothermal Power	AFDB	Mar-19	20.44	480.0	Concept	(	PPG is almost completed and negotiations	
	Plant					Endorsed		with KenGen and other partners are ongoing.	