Climate Investment Funds

SREP/SC.19/Inf.2 May 30, 2018

Meeting of the SREP Sub-Committee Washington D.C. Wednesday, June 6, 2018

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 May 21, 2018.
- 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.

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

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

Indicative Pipeline Allocation (\$M)	39.97
SC Approvals (\$M)	13.97
Approval Rate	35%
MDB Approval (\$M)	10.97
Expected Cofinancing (\$M)	246.60
Disbursement as of December 2017 (\$M)	8.70



Project ID	Project Title	MDB	Approval Date	Funding	Expected Co Financing	Status	Reason/s for Disbursement Deviation	Planned Actions to Expedite Disbursements	Implementation Highlights
XSREAM034A Geothermal E	ploratory Drilling Project	IBRD	Jun-15	8.68	108.60	Disbursing			Although no activities have been implemented in the last 9 months,
(GEDP)									disbursements do not deviate from the plan given that Phase I of the project wa
									more expensive than originally anticipated. Based on the results of the drilling of
									the slim wells, the Government has decided not to proceed with Phase 2 (the
									drilling of the production wells and structuring of the PPP). The Bank team is
									currently awaiting the formal request for project closing from the Ministry of
									Finance to formally proceed with project closing.
1									

Project ID	Project Title	MDB	Expected Approval Date	Funding	Expected Co- Financing	Status	Reason/s for Delay in MDB/Committee Approval	Brief Summary of the Situation	Planned Remedial Actions to Expedite MDB/Committee Approval
XSREAM035A	Private Sector Utility Scale Solar Power Support Project	IBRD	Jul-20	28.0	124.0	Pending Committee Approval		Discussions with pre-qualified bidders of the first phase of the program (Masrik-1 solar) regarding the potential financing structure of the project and the options for deploying the IBRD and SREP guarantees.	Project to be submitted for SREP approval in March 2018
PSREAM039A	Development of Geothermal Heat Pumps and Solar Water Heaters	EBRD	Jun-18	3.0	14.0	Pending Board Approval			

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)	1.20
Expected Cofinancing (\$M)	569.35
Disbursement as of December 2017 (\$M)	0.10



Project ID	Project Title	MDB	Expected Approval Date	Funding	Expected Co- Financing	Status	Reason/s for Delay in MDB/Committee Approval	Brief Summary of the Situation	Planned Remedial Actions to Expedite MDB/Committee Approval
PSREBD062A	Grid Connected Renewables: Investment in Utility-scale solar, wind and rooftop solar (including technical assistance)	IFC	Jun-18	15.50		Pending Committee Approval	Project Design Phase	Continuing changes to regulatory environment and not fully resolved land issues	IFC, in close collaboration with the government of Bangladesh and the WB, continues to develop an investment project
XSREBD064A	Off-Grid Solar PV-Solar Irrigation	ADB	Jul-18	22.22		Pending Board Approval	Government Approval Process	Awaiting government approval of DPP	ADB is closely coordinating with GoB and EA to ensure speedy government approval of DPP.
XSREBD076A	Scaling Up Renewable Energy	IBRD	Jul-18	29.25		Pending Board Approval	Safeguards Compliance	The clients are in the process of finalizing the safeguards documents; notably, the resettlement action plan for Component 1 EGCB Feni 50MW solar PV is expected to be completed by mid-April. Disclosure of safeguards documentation is a precondition for World Bank project appraisal and subsequent negotiations.	All safeguards documents are under preparation. The Bank has mobilized local expert support for their completion. A technical mission to advance preparation takes place the week of March 12, and another mission is planned for early April.

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

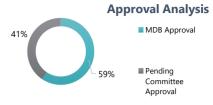
Indicative Pipeline Allocation (\$M)	30.25
SC Approvals (\$M)	16.25
Approval Rate	54%
MDB Approval (\$M)	2.25
Expected Cofinancing (\$M)	22.50
Disbursement as of December 2017 (\$M)	-



Project ID	Project Title	MDB	Expected Approval Date	Funding	Expected Co- Financing	Status	Reason/s for Delay in MDB/Committee Approval	Brief Summary of the Situation	Planned Remedial Actions to Expedite MDB/Committee Approval
XSREKH077A	National Solar Parks Program	ADB	Mar-19	14.65		Pending Board Approval		SREP proposal submitted in Feb 2018; targets SC approval by March or when the p approval pause has been lifted	
PSREKH078A	Private Sector Solar Development - Rooftop Solar	ADB	Jun-18	6.0	-	Pending Committee Approval	Project Design Phase	The project is under reserved pipeline.	
PSREKH078B	Private Sector Solar Development - Utility-Scale/Parks	ADB	Sep-18	5.0		Pending Committee Approval	Project Design Phase	The project is linked with the public sector Solar Park Program by extending financing to the IPP project(s).	On-going discussion with potential transactions.
XSREKH074A	Policy Support and Public Awareness	ADB	Jun-18	3.0		Pending Committee Approval	Project Design Phase	The project is under reserved pipeline.	

Investment Plan	ETHIOPIA
Endorsement Date	Mar-12
Last Revision Date	
No. of Projects	4

Indicative Pipeline Allocation (\$M)	49.93
SC Approvals (\$M)	29.63
Approval Rate	59%
MDB Approval (\$M)	29.63
Expected Cofinancing (\$M)	543.15
Disbursement as of December 2017 (\$M)	9.80



Project ID	Project Title	MDB	Approval Date	Funding	Expected Co- Financing	Status	Reason/s for Disbursement Deviation	Planned Actions to Expedite Disbursements	Implementation Highlights
XSREET001A	Geothermal Sector Development Project (GSDP)	IBRD	May-14	24.50	304.0	Disbursing	Procurement/Bidding Issues The Ethiopian Electric Power, the implementing agency, has chosen to pursue one single contract that covers drilling rigs supply, operation, and maintenance to reduce the EEP's risk of managing multiple contractors. Consequently, the bids for drilling rigs supply were canceled. A new bidding document has been prepared.	The EEP and the Bank agreed on a revised action plan in November 2017. The EEP is on track to complete the action plan by the end of March 2018. The EEP is also receiving support from geothermal specialists based in Addis Ababa.	The project implementation is picking up its speed. The EEP has prepared a new bidding document for a drilling operation in Aluto site, and will shortly float it in the market. EEP has also prepared ToRs for new geothermal specialists to join EEP, as well as a training plan to strengthen EEP and Government capacity to develop geothermal resources in Ethiopia. With this bid completed, the EEP together with WB would be able to analyze the detailed cost and timeline and update the anticipated achievements, which will inform if project restructuring is needed.
PSREET003A	Geothermal Sector Strategy and Regulations	IFC	Mar-14	1.50	0.50	MDB Board Approved			The project has been completed. Most of the intended activities were completed on time and efficiently
PSREET005A	Lighting Ethiopia / Clean Energy SMEs Capacity Building and Investment Facility	IFC	Dec-14	2.0	0.65	MDB Board Approved			Under implementation. Progressing as scheduled

Project ID	Project Title	MDB	Planned Approval Date	Funding	Expected Co- Financing	Status	Reason/s for Delay in MDB/Committee Approval	Brief Summary of the Situation	Planned Remedial Actions to Expedite MDB/Committee Approval
XSREET004A	Assela Wind Farm Project	AFDB	*tbd	19.93	230.0	Pending Committee Approval			
PSREET005B	Clean Energy SMEs Capacity Building and Investment Facility	IFC	Dec-18	2.0	8.0	Pending Committee Approval	Government Approval Process		IFC continues to develop a pipeline of projects but sees little appetite from the government in supporting the needed enhancements of the regulatory environment

[^]Projects that end with a "B" on their ID indicate either a second tranche or an extension of the original "A" labeled project. *TBD - Project inactive

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 December 2017 (\$M)	



Project ID	Project Title	MDB	Expected Approval Date	Funding	Expected Co- Financing	Status	Reason/s for Delay in MDB/Committee Approval	Brief Summary of the Situation	Planned Remedial Actions to Expedite MDB/Committee Approval
XSREGH044A	RE Mini-Grids and Stand Alone Solar PV Systems	AFDB	Jun-20	12.79		Pending Committee Approval	Project Design Phase	The project is under reserved pipeline.	
XSREGH045A	Solar PV Based Net Metering with Battery Storage	AFDB	Jun-20	17.21		Pending Committee Approval	Project Design Phase	The project is under reserved pipeline.	
PSREGH046A	Utility-scale Solar PV/Wind Power Generation	IFC	Jun-18	10.0		Pending Committee Approval	Government Approval Process	IFC has brought projects to the most advanced stage possible, where certain government actions are required to enable the projects to proceed to financial closing. IFC is currently waiting for these government actions and started recently receiving signals that the government is getting ready to proceed	Continuing to work with the government to enable the project to move forward, capitalizing on the recent openness from the government to proceed with the projects

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

Indicative Pipeline Allocation (\$M)	28.62
SC Approvals (\$M)	19.62
Approval Rate	69%
MDB Approval (\$M)	19.62
Expected Cofinancing (\$M)	80.0
Disbursement as of December 2017 (\$M)	



Project ID	Project Title	MDB	Approval Date	Funding	Expected Co- Financing	Status	Reason/s for Disbursement Deviation	Planned Actions to Expedite Disbursements	Implementation Highlights
XSREHT047A	Renewable Energy and Access for All	IBRD	Oct-17	8.62		MDB Board Approved	Not applicable. No deviation foreseen at this stage.		Financing agreements were signed by the Client on November 15, 2018. The client is working on fulfilling the conditions presented for effectiveness. Deadline for the effectiveness of the project is March 15, 2018
XSREHT050A	Renewable Energy for the Metropolitan Area	IBRD	Dec-17	11.0		MDB Board Approved	Not applicable. No deviation foreseen at this stage.		Financing agreements were signed by the Client on November 15, 2018. The client is working on fulfilling the conditions presented for effectiveness. Deadline for the effectiveness of the project is March 15, 2018

Project ID	Project Title	MDB	Expected Approval Date	Funding	Expected Co- Financing	Status	Reason/s for Delay in MDB/Committee Approval	Brief Summary of the Situation	Planned Remedial Actions to Expedite MDB/Committee Approval
PSREHT048A	RE for the Port-Au-Prince Metropolitan Area	IFC	Jun-18	2.0	-	Pending Committee Approval		Delays in the submission are caused by a combination of factors: (1) difficult regulatory environment; (2) very high risk of operations and the unwillingness of private sector companies to partake; (3) placement of the project in the reserve pipeline for a prolonged period of time	IFC managed to reach a very advanced stage of development with one project, but then the project was dropped due to reduced interest on behalf of the sponsor due to worsening regulatory conditions. IFC is now working on another project, which is about to enter into the pilot stage
PSREHT049A	Off-Grid Electricity Services for productive, Social and Household Uses Project	IFC	Jun-18	7.0	15.0	Pending Committee Approval			

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)*	24.06
Approval Rate	83%
MDB Approval (\$M)*	9.68
Expected Cofinancing (\$M)	615.42
Disbursement as of December 2017 (\$M)	1.10



Project ID	Project Title	MDB	Approval Date	Funding	Expected Co- Financing	Status	Reason/s for Disbursement Deviation	Planned Actions to Expedite Disbursements	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 the resources will be reused in a new, redesigned operation (XSREHN080A) which is in the process of Subcommittee approval
PSREHN008A	Grid-Connected RE Development Support (ADERC) - Generation / H- REFF	IADB	Sep-15	6.12	390.0	MDB Board Approved			Since August 2016, two investments have been approved by the Investment Committee, one is scheduled for approval in Q1-2018, and three more are expected to be submitted by Q3-2018. Technologies include solar PV (off and on grid), small hydro, and biomass. Projects are located in Honduras and other Central American countries (H-REFF allows for some resources to be invested outside Honduras). Total capitalization is currently \$33m and the General partner is fundraising to take it to \$50m
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 Board Approved	Procurement/Bidding Issues The project has so far had stringent requirements that need to be fulfilled by its implementing partners. These requirements include institutional capacity criteria, and the need to provide a contribution in cash. These requirements have prevented the participation of a number of actors in Honduras—notably smaller organizations. Their participation is, however, necessary to strengthen the local market, which is the main objective of the project.	the implementing partners, treating smaller and larger organizations in different ways.	The project has progressed in supporting national regulations, creating tools to evaluate component durability, providing a communication strategy, and tools for microcredit management. The project carried out a pilot intervention and has expedited the development of a sustainable industrial wood fuel supply strategy, a call for technology innovation grants, the definition of a baseline, and training for new stove producers. Additionally, the project received expressions of interest from different organizations.

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

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)*	24.06
Approval Rate	83%
MDB Approval (\$M)*	9.68
Expected Cofinancing (\$M)	615.42
Disbursement as of December 2017 (\$M)	1.10



Project ID	Project Title	MDB	Expected Approval Date	Funding	Expected Co Financing	Status	Reason/s for Delay in MDB/Committee Approval	Brief Summary of the Situation	Planned Remedial Actions to Expedite MDB/Committee Approval
XSREHN007A	Grid-Connected RE Development Support (ADERC) - Transmission Phase I	IADB	Jul-18	7.50	70.0	Pending Board Approval	Safeguards Compliance	Submission of this proposal has been delayed for multiple reasons, including: (i) compliance with environmental and social safeguards, which demanded significant consultation processes; (ii) extreme weather events in September and October (which delayed the consultations); (iii) social unrest before and after the elections (which further delayed the consultations), and finally (iv) government restructuring (changes in the government team).	
XSREHN079A	Grid-Connected RE Development Support (ADERC) - Transmission Phase II	IADB	Apr-18	5.0	150.0	Pending Committee Approval	Safeguards Compliance	Submission of this proposal has been delayed for multiple reasons, including safeguard compliance, extreme weather events in September and October (which delayed the environmental and social studies), social unrest, and government restructuring (changes in the government team)	The IDB expects to submit the proposal at the end of April 2018
XSREHN080A	Strengthening the RE Policy and Regulatory Framework (FOMPIER) Phase II	IADB	Jul-08	0.83	0.70	Pending Board Approval	Government Restructuring	Submission of this proposal has been delayed for multiple reasons, including safeguard compliance, extreme weather events in September and October (which delayed the environmental and social studies), social unrest, and government restructuring (changes in the government team)	The IDB expects to send the responses before March 16
XSREHN010A	ERUS Universal Energy Access Program (PAUE)	IADB	Jul-18	6.84	1.60	Pending Board Approval	Safeguards Compliance	Submission of this proposal has been delayed for multiple reasons, including: (i) compliance with environmental and social safeguards, which demanded significant consultation processes; (ii) extreme weather events in September and October (which delayed the consultations); (iii) social unrest before and after the elections (which further delayed the consultations), and finally (iv) government restructuring (changes in the government team).	

^{*}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	3

Indicative Pipeline Allocation (\$M)*	32.50
SC Approvals (\$M)*	32.50
Approval Rate	100%
MDB Approval (\$M)*	32.50
Expected Cofinancing (\$M)	491.20
Disbursement as of December 2017 (\$M)	16.00



Project ID	Project Title	MDB	Approval Date	Funding	Expected Co- Financing	Status	Reason/s for Disbursement Deviation	Planned Actions to Expedite Disbursements	Implementation Highlights
XSREKE012A	Menengai Geothermal Development Project	AFDB	Dec-11	25.0	478.0	Disbursing			The construction of up to 105 MW of power capacity in the Menengai field is expected to begin during the first semester of 2018.
XSREKE014A	Electricity Modernization Project	IBRD	Mar-15	7.50		Approved	The feasibility studies for off-grid RE facilities had gaps, which had to be addressed through additional field investigations and data collection.	resulted in the completion of the additional data collection work.	Delivery of electrification materials like poles and meters has started while the rest of the line work materials (transformers, cables, and conductors) are at an advanced stage of manufacture. Design of electrification schemes is about 80% and 204,059 potential beneficiaries have been identified compared to the initial 125, 000. Bidding for the RE generation facilities and mini-grid distribution network are now at the final stage of preparation. Procurement is expected to be launched in March 2018.

^{*}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 December 2017 (\$M)	3.70



Project ID	Project Title	MDB	Approval Date	Funding	Expected Co	Status	Reason/s for Disbursement Deviation	Planned Actions to Expedite Disbursements	Implementation Highlights
XSRELR031A	Renewable Energy for Electrification in North and Center Liberia Project-	IBRD	Jan-16	25.0	2.0	Disbursing	Procurement/Bidding Issues		Owner's engineer is on-board. Draft bidding documents were prepared for the hydro plant and the T&D network. Procurement of the main hydro is expected to
	Mini Grids						The owner's engineer selection process had to be re-	-	be launched later this year after the completion of the geotechnical studies.

Project ID	Project Title	MDB	Expected Approval Date	Funding	Expected Co- Financing	Status	Reason/s for Delay in MDB/Committee Approval	Brief Summary of the Situation	Planned Remedial Actions to Expedite MDB/Committee Approval
XSRELR032A	Renewable energy for Electrification in Eastern Liberia Project-Stand-Alone PV	AFDB	Mar-19	25.0		Pending Board Approval		and Social Impact Assessment must be updated	AfDB is in the process of hiring a firm to undertake the update of the E&S studies. It is AfDB's objective to approve this project internally before the end of 2018. A request for extension will be submitted to the SREP SC.

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 December 2017 (\$M)	-



Project ID	Project Title	MDB	Expected Approval Date	Funding	Expected Co- Financing	Status	Reason/s for Delay in MDB/Committee Approval	Brief Summary of the Situation	Planned Remedial Actions to Expedite MDB/Committee Approval
XSRELS081A	On-grid RE technologies	AFDB	Jun-18	5.60	25.90	Pending Committee Approval		SREP IP Lesotho was recently endorsed. At this time, AfDB has no estimated date of project approval. The SREP Cash shortfall issue is likely to impact AfDB's ability to submit this funding request.	
XSRELS082A	Distributed RE Solutions	IBRD	Jun-20	12.90	31.70	Pending Committee Approval	Project Design Phase		Not applicable. The IP was endorsed by the SREP sub-committee in December 2017. Project preparation activities are on track.

Investment Plan	MALDIVES
Endorsement Date	Oct-12
Last Revision Date	
No. of Projects	4

Indicative Pipeline Allocation (\$M)	29.90
SC Approvals (\$M)	25.90
Approval Rate	87%
MDB Approval (\$M)	25.90
Expected Cofinancing (\$M)	185.44
Disbursement as of December 2017 (\$M)	6.40



Project ID	Project Title	MDB	Approval Date	Funding	Expected Co- Financing	Status	Reason/s for Disbursement Deviation	Planned Actions to Expedite Disbursements	Implementation Highlights
XSREMV024A	Accelerating Sustainable Private Investments in Renewable Energy (ASPIRE) Program	IBRD	Jun-14	12.60	58.0	Disbursing	Government Approval Process All project contracts for first sub-project are effective, but delays occurred due to government processing. One final legal opinion is needed for guaranteed effectiveness. The government has committed to expediting its delivery. However, current political turmoil in-country might cause further delays.	The team is closely following up on the legal opinion and is engaging the government on future plans for new bids. Due to political developments, country and mid-term review missions were suspended, but the team has been coordinating with the government.	(i) Roof-top solar in hulhulmale' (1.5 MW) completed construction; awaiting guarantee effectiveness; (ii) Workshop successfully held on renewables integration into the grid; (iii) New sub-projects, net metering implementation, and technical assistance are being planned for the next phase.
XSREMV025A	Preparing Outer Island Sustainable Electricity Development Project / Technical Assistance: Capacity Development of the Maldives Energy Authority	ADB	Sep-14	12.69		MDB Board Approved			The five pilot projects were already commissioned and successfully connected to the island grid. Final fine-tuning of the hybrid control system is in progress now. 2) All the major packages under ADB/SREP Grant have already awarded, and a sizeable disbursement for all the awarded packages in 2018 is expected. 3) Current political unrest in the Maldives may delay implementation of awarded and future contracts.
XSREMV025B	Technical Assistance: Republic of the Maldives Capacity Development of the Maldives Energy Authority	ADB	Mar-15	0.40		MDB Board Approved			The contracts were already awarded under this TA for about 66% and more disbursements will happen within Q1 2018. Due to the current political unrest in the Maldives, activities are slightly delayed. The TA is ending in 2018.

Project ID	Project Title	MDB	Expected Approval Date	Funding	Expected Co Financing	Status	Reason/s for Delay in MDB/Committee Approval	Brief Summary of the Situation	Planned Remedial Actions to Expedite MDB/Committee Approval
PSREMV026A	Waste-to-Energy Thilafushi	IFC	*TBD	4.0	15.0	Pending Committee Approval			

[^]Projects that end with a "B" on their ID indicate either a second tranche or an extension of the original "A" labeled project.
*TBD - Project inactive

Investment Plan	MALI
Endorsement Date	Nov-11
Last Revision Date	
No. of Projects	4

Indicative Pipeline Allocation (\$M)*	39.66
SC Approvals (\$M)*	28.61
Approval Rate	72%
MDB Approval (\$M)*	19.91
Expected Cofinancing (\$M)	137.84
Disbursement as of December 2017 (\$M)	4.10



Project ID	Project Title	MDB	Approval Date	Funding	Expected Co- Financing	Status	Reason/s for Disbursement Deviation	Planned Actions to Expedite Disbursements	Implementation Highlights
XSREML016A	Rural Electrification Hybrid Systems	IBRD	Dec-13	15.06	40.73	Disbursing	Procurement/Bidding Issues	Regular bi-monthly meeting between AMADER	Following the completion of the feasibility studies, the procurement of the
								and the Bank expert based in Bamako to follow-	supply, installation and commissioning services for the mini-grids has
							Low capacity of the PIU in the project management	up on pending activities.	significantly advanced. Six contracts were signed for 23 sites and the Bank issued
							and implementation supervision		its "no objection" to the EPC contracts covering 22 additional sites. The
									implementation of the resettlement action plans for the selected localities are
									being finalized.
XSREML033A	Project for Scaling Up Renewable	AFDB	Oct-14	1.50	1.08	Disbursing	Procurement/Bidding Issues	The position of procurement expert within the	Despite the lower overall disbursement rate (13%), three of the major contracts
	Energy in Mali							PIU was vacant at the time of our last	envisioned in the procurement plan were recently signed. AfDB expects this
							The procurement plan of the project is complex and	supervision mission (January 2018). AfDB has	figure to increase significantly.
							entails a high number of contracts.	strongly recommended the PIU to fill the	
								position as soon as possible so that the project	
								can be closed as per the current closure date.	

Project ID	Project Title	MDB	Expected Approval Date	Funding	Expected Co- Financing	Status	Reason/s for Delay in MDB/Committee Approval	Brief Summary of the Situation	Planned Remedial Actions to Expedite MDB/Committee Approval
PSREML015A	Solar PV IPP	AFDB		12.0		Pending Committee Approval			
XSREML017A	Mini Hydropower Plants and Related Distribution Networks Development Project	AFDB	Jul-18	10.90		Pending Board Approval		The freeze imposed by the SCF TFC delayed the submission of the funding request, despite their completion.	Once the freeze is lifted, AfDB will submit the funding reuqest for approval.

^{*}Mali PSSA pipeline allocation is not included here. See PSSA page/tab for all PSSA related pipeline projects.

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)	15.31
Expected Cofinancing (\$M)	64.10
Disbursement as of December 2017 (\$M)	1.20



Project ID	Project Title	MDB	Approval Date	Funding	Expected Co Financing	Status	Reason/s for Disbursement Deviation	Planned Actions to Expedite Disbursements	Implementation Highlights
XSREMN057A	Capacity Building and Regulatory Support Technical Assistance	IBRD	Aug-16	1.20	0.10	Disbursing	Not applicable. No deviation foreseen at this stage.		Activities are substantially completed, including technical assistance work on (i) energy policy decision support; (ii) operations; (iii) support on PPA, FITs and licensing; and (iv) power sector planning. The next phase is expected to focus on: (i) tariff work; (ii) renewable energy (RE) pricing, licensing and contracting; (iii) RE forecasting; (iv) grid code support; and (v) distributed generation support. Completion is expected by Juny 30, 2019.
XSREMN056A	Upscaling Rural Renewable Energy - Solar PV	IBRD	Jun-17	12.40	12.50	MDB Board Approved	Not applicable. No deviation foreseen at this stage.		The project was declared effective on December 15, 2017. Implementation of the SREP-co-funded solar PV component of ESP2 is on track. Next steps include the mobilization of a Solar and an Engineering consultant for the preparation of the tender documents for the solar power plant. Construction is expected to take place in 2019.

Project ID	Project Title	MDB	Expected Approval Date	Funding	Expected Co Financing	Status	Reason/s for Delay in MDB/Committee Approval	Brief Summary of the Situation	Planned Remedial Actions to Expedite MDB/Committee Approval
XSREMN055A	Upscaling Rural Renewable Energy	ADB	Aug-18	16.10	51.50	Pending Board Approval		SREP proposal submitted in Nov 2017; targets SC approval by March, or as soon as the approval pause has been lifted.	

Approval Analysis

■ MDB Approval

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 December 2017 (\$M)	2.30

Project ID	Project Title	MDB	Approval Date	Funding	Expected Co- Financing	Status	Reason/s for Disbursement Deviation	Planned Actions to Expedite Disbursements	Implementation Highlights
XSRENP022A	South Asia Sub-regional Economic Cooperation Power System Expansion Project: Rural Electrification Through Renewable Energy	ADB	Nov-16	11.20	41.22	Disbursing	Delay in the procurement of subprojects due to delay in financial closure of these subprojects (especially Mini Hydro Projects) for securing communities contribution.	Wider discussions and dissemination of information are being planned to showcase and promote the projects to local commercial banks. These discussions will also provide a space for the project team to identify problems that have been highlighted by commercial banks to increase the banks' confidence to lend credit to the subprojects. Technical Assistance is being provided to executing agency to enhance the quality of project preparatory work.	Solar/Wind Mini Grid: Out of the 500 kWp target, 2 wind solar hybrid mini-grid subprojects (65 kWp each) were completed and construction another 95 kWp subproject is ongoing. The remaining subprojects are in advanced stages of preparatory work. Mini Hydro: Out of the 4300 kW target, 3 mini hydro subprojects (900 kW each) are being constructed. Procurement is ongoing for one 1, 500 kW project. Project preparation for 2 subprojects (each 1200 kW) is completed. Detail engineering design is ongoing for 5 other subprojects.
XSRENP022B	South Asia Sub-regional Economic Cooperation Power System Expansion Project: Rural Electrification Through Renewable Energy	ADB	Nov-16	20.0		MDB Board Approved	Procurement/Bidding Issues: Implementation of complex and large-scale bidding processes, adhering to MDBs procurement policies, identification of suitable candidates/qualified offers, etc. Nepal is taking time to finalize the bidding documents as the competitive selection of independent solar power producers using a viability gap finance structure is a new approach. This approach has to go through various government approval processes which are time-consuming.	The revised bidding document is already finalized and being reviewed by ADB and hope to move fast on the issuance soon.	Minor change in implementation arrangement to adjust tier 1 tariff rate of the utility was also made to respond to the market conditions.
XSRENP023A	Biogas Extended Program	IBRD	Aug-14	7.90	27.60	Disbursing	Review and approval process of feasibility studies and designs etc. for large sub-projects (projects that generate more than 100 m3 per day of bio-gas) is long and redundant, delaying the projects from moving to the construction stage and hence affecting disbursement.	approval and verification process	The project application and construction rate picked up significantly since the middle of 2017 after a slow start. The total number of applications received (demand generated) for the development of sub-project by end of January 2018 was 402 (including 21 plants above 100m3 capacity and 10 plants above 2000 m3 capacity), which is more than anticipated for the entire project duration.

^{*}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	3

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 December 2017 (\$M)	



Project ID	Project Title	MDB	Approval Date	Funding	Expected Co Financing	Status	Reason/s for Disbursement Deviation	Planned Actions to Expedite Disbursements	Implementation Highlights
XSRENI054A	Nicaragua Geothermal Exploration	IADB	Sep-16	7.50	95.89	MDB Board			This operation was approved by the IDB Board on September 7, 2016, and
	and Transmission Improvement					Approved			eligibility was granted on August 15, 2017. A preparatory and initial support
	Program under the PINIC								technical cooperation activity (with USD 456,000 of IDB resources) is in
									execution, with 72% progress to date. Bids will be requested during the first half
									of 2018 for the preparatory works regarding geothermal exploration.

Project ID	Project Title	MDB	Expected Approval Date	Funding	Expected Co- Financing	Status	Reason/s for Delay in MDB/Committee Approval	Brief Summary of the Situation	Planned Remedial Actions to Expedite MDB/Committee Approval
XSRENI075A	Integral Develoment of Rural Areas Project	IADB	May-19	7.50	-	Pending Committee Approval	Project Design Phase	The 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 December 2017 (\$M)	0.40



Project ID	Project Title	МDВ	Approval Date	Funding	Expected Co- Financing	Status	Reason/s for Disbursement Deviation	Planned Actions to Expedite Disbursements	Implementation Highlights
XSREPC042A	Sustainable Energy Industry Development Project	IBRD	Sep-15	1.92	3.74	Disbursing	Not applicable. No deviation foreseen at this stage.		Acquisition of Power System modeling software, license, and training: The software has been installed on the PPA server. Training on software usage was carried out for PPA staff in July. Acquisition of Online Benchmarking platform: The contract is expected in April 2018/RFP issued. Firm to develop RE/EE Guidelines and standards: Contract signed in December 2017. Consultant on training needs & career development: Final report available. Disaster Risk Management consultants to conduct post-disaster and/or disaster risk reduction needs assessments: Specifications are underway.

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 December 2017 (\$M)	0.20





■ MDB Approval

Project ID	Project Title	MDB	Approval Date	Funding	Expected Co Financing	Status	Reason/s for Delay in MDB/Committee Approval	Brief Summary of the Situation	Planned Remedial Actions to Expedite MDB/Committee Approval
XSRERW058A	Renewable Energy Fund	IBRD	Jun-17	49.74	51.0	MDB Board Approved	Not applicable. No deviation foreseen at this stage.		The legal agreements were executed and the legal opinions issued. The Project Steering committee was established and the Project Manager appointed. Project Operations Manual was adopted.

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 December 2017 (\$M)	0.40



Project ID	Project Title	MDB	Approval Date	Funding	Expected Co- Financing	Status	Reason/s for Disbursement Deviation	Planned Actions to Expedite Disbursements	Implementation Highlights
XSRESB038A	Solar Power Development Project	ADB	Nov-16	6.64	9.0	MDB Board Approved			Procurement of main EPC contract proceeding well. Contract award anticipated April 2018.

Project ID	Project Title	MDB	Expected Approval Date	Funding	Expected Co- Financing	Status	Reason/s for Delay in MDB/Committee Approval	Brief Summary of the Situation	Planned Remedial Actions to Expedite MDB/Committee Approval
XSRESB037A	Electricity Access and Renewable	IBRD	Jul-18	6.55	15.0	Pending		Not applicable. The project was submitted for	The project was submitted for committee approval on October 18. The Bank
	Expansion Project – 2					Board		committee approval on October 18, and during	team delayed the board date while waiting for the SCF TF Committee decision.
						Approval		the period of questions and answers to sub-	
								committee members the SCF Trust Fund	
								Committee decided 'to pause the approval of	
								any funding other than that of project	
								preparation grants, until such time that the SCF	
								TFC has decided on a way forward at an	
								intercessional SCF TFC meeting to be held no	
								later than Feb 28, 2018.'	

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 December 2017 (\$M)	5.80



Project ID	Project Title	MDB	Approval Date	Funding	Expected Co- Financing	Status	Reason/s for Disbursement Deviation	Planned Actions to Expedite Disbursements	Implementation Highlights
XSRETZ028A	Renewable Energy for Rural Electrification	IBRD	Jun-16	9.80	150.0		Initially, REA was unclear about how to process the 25% disbursement advance out of the SREP grant under the PforR structure. But REA withdrew from the IDA-SUF advance. This issue was resolved, and REA is creating a separate Designated Account for that purpose.	urgent priority.	On the conventional electrification component, REA processed \$410 million of contracts to provide electricity to 180,000 rural dwellers. However, both the Small Power Producer Credit Line and the Renewable Energy (solar PV systems) credit line were delayed, the former due to TANESCO's failure to comply with the EWURA SPPA regulations. The REC-CL is seeking a "first-loss" guarantee provider likely Africa Guarantee Fund (AGF) to provide a backing to keep the Credit Line resources from absorbing undue risks.
PSRETZ029A	Mini-Grids Project	IFC	Jun-15	4.95	0.10	MDB Board Approved			Under implementation. Progressing as scheduled. Phase II was approved and started in June 2017

Project ID	Project Title	MDB	Expected Approval Date	Funding	Expected Co- Financing	Status	Reason/s for Delay in MDB/Committee Approval	Brief Summary of the Situation	Planned Remedial Actions to Expedite MDB/Committee Approval
XSRETZ027A	Geothermal Development	AFDB	Oct-18	22.43	68.27	Pending	Project Design Phase	The Government of Tanzania requested AfDB	Discussions are ongoing, and AfDB will continue to monitor the situation. AfDB
						Board		last year to restructure the project when AfDB	expects this project to be approved by the end of the year. A request for
						Approval		was about to submit the project for Board	extension will be submitted to the SREP SC.
								approval. Our technical teams are now working	
								to update the project design and ensure that	
								the scope of the project is still in line with what	
								was approved by the SREP SC.	
								ļ	

Investment Plan	UGANDA
Endorsement Date	Nov-15
Last Revision Date	
No. of Projects	4

Indicative Pipeline Allocation (\$M)	50.0
SC Approvals (\$M)	4.18
Approval Rate	8%
MDB Approval (\$M)	4.18
Expected Cofinancing (\$M)	166.10
Disbursement as of December 2017 (\$M)	



Project ID	Project Title	MDB	Expected Approval Date	Funding	Expected Co- Financing	Status	Reason/s for Delay in MDB/Committee Approval	Brief Summary of the Situation	Planned Remedial Actions to Expedite MDB/Committee Approval
XSREUG066A	130MW Geothermal Development Program	AFDB	*TBD	31.80		Pending Committee Approval			
PSREUG067A	130MW Geothermal Development Program	IFC	*TBD	2.0		Pending Committee Approval			
XSREUG068A	Decentralized Renewables Development Program: Mini-Grids & Urban Small Scale Solar PV Net Metering	AFDB	Jun-20	9.40	16.70	Pending Committee Approval	Project Design Phase	The project is under reserved pipeline.	
XSREUG070A	Wind Resource Map and Pilot Wind Power Development Program	AFDB	Jun-20	6.80	32.40	Pending Committee Approval	Project Design Phase	The project is under reserved pipeline.	

^{*}TBD - Project inactive

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 December 2017 (\$M)	-



Approval Analysis

■ MDB Approval

Project ID	Project Title	MDB	Approval Date	Funding	Expected Co- Financing	Status	Reason/s for Disbursement Deviation	Planned Actions to Expedite Disbursements	Implementation Highlights
XSREVU040A	Rural Electrification Project	IBRD	May-17	6.77		MDB Board Approved	Not applicable. No deviation foreseen at this stage.	Not applicable.	Program Manager and Verification Agent in place, Project Operations Manual, and Subsidy Implementation Manual finalized, Subsidy Implementation Agreement drafted. Terms of Reference for Owner's Engineer drafted. Disbursements of SREP funds were deferred to allow for the disbursement of other funds with shorter expiry dates.
XSREVU041A	Energy Access Project (Small Hydropower Project)	ADB	Sep-17	7.0		MDB Board Approved			Owners Engineer recruited. Consultant recruitment for detail design ongoing.

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)	545.81
Disbursement as of December 2017 (\$M)	2.2
	545.81 2.2



Project ID	Project Title	MDB	Approval Date	Funding	Expected Co- Financing	Status	Reason/s for Disbursement Deviation	Planned Actions to Expedite Disbursements	Implementation Highlights
PSREHN501A	Strengthening of the ADERC H-REFF in Honduras	IADB	Sep-15	15.0		MDB Board Approved			See PSREHN008A
PSREML502A	Mali: Segou Solar Park	AFDB	Jun-17	25.0		MDB Board Approved			
PSREHN603A	Honduras: Self Supply Renewable Energy Guarantee Program	IADB	Apr-15	5.50		MDB Board Approved			This program has three subprojects: • The Honduran Self Supply RE Technical Assistance Program, which is in execution • Invema Self Supply Solar and EE (currently generating electricity), and • Smartsolar Commercial Scale PV Development (currently on hold) The IDB has identified a pipeline of projects that were analyzed using the Technical Assistance Program and will be a priority and included in the project pipeline in the upcoming months

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)	545.81
Disbursement as of December 2017 (\$M)	2.2



Project ID	Project Title	MDB	Expected Approval Date	Funding	Expected Co- Financing	Status	Reason/s for Delay in MDB/Committee Approval	Brief Summary of the Situation	Planned Remedial Actions to Expedite MDB/Committee Approval
PSREKE503A	Kenya: Kopere Solar Park	AFDB	Sep-18	11.60	-	Pending Committee Approval	Project Design Phase	Project Developer faced challenges in meeting Government's requests with regards to tariffs under the PPA.	Funding proposal is expected to be submitted before the end of June 2018.
XSRENP504A	ABC Business Models for Off-Grid Energy Access Nepal	IBRD	Aug-18	7.61		Pending Board Approval	Government Approval Process	The initial project design on the financial intermediation mechanism had to be revised based on further discussions with the client. Based on the revised design, the assessment of the financial intermediation mechanism was revisited. The preparation of the pilot sub-projects that were expected to be implemented immediately after the board approval was not complete.	Finalize consultation with the client. Expedite the completion the assessment of the financial intermediary. Expedite the completion of pilot project studies an develop the sub-project pipeline.
PSREKE601A	Kenya: Olkaria IV Geothermal Power Plant	AFDB	Mar-19	20.44	480.0	Pending Committee Approval	Project Design Phase	Government of Kenya has not formally requested AfDB to fund the project.	AfDB continues to engage with the Government of Kenya and is exploring ways to approve this funding.