

CLIMATE INVESTMENT FUNDS

SREP/SC.21/Inf.2
May 24, 2019

Meeting of the SREP Sub-Committee
Washington D.C.
Tuesday, June 4, 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 March 2019.

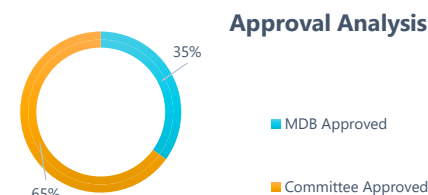
2. At the June 2016 meetings, committee members requested for more substantive information on project circumstances, specifically their submission and approval delays as well as reasons for slow disbursement. In response, the Climate Investment Funds Administrative Unit (CIFAU) identified reasons for 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.

Country Portfolio 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 December 2018 (\$M)
Armenia	Jun-14	-	3	39.97	39.97	100%	13.97	252.60	9.30
Bangladesh	Nov-15	-	3	68.17	52.67	77%	23.42	551.34	0.40
Cambodia	Jun-16	-	4	31.30	17.30	55%	1.60	22.50	0.28
Ethiopia	Mar-12	-	3	31.63	29.63	94%	29.63	203.15	11.03
Ghana	May-15	-	3	40.0	1.51	4%	1.51	186.0	0.51
Haiti	May-15	-	3	27.12	19.62	72%	19.62	89.50	-
Honduras	Nov-11	Apr-17	7	29.06	29.06	100%	17.51	899.71	1.82
Kenya	Sep-11	-	2	32.50	32.50	100%	32.50	456.48	18.03
Kiribati	Jan-19	-	1	1.30	1.30	100%	1.30	0.0	0.22
Liberia	Oct-13	-	2	50.0	50.0	100%	26.50	7.98	4.96
Lesotho	Dec-17	-	2	19.70	1.80	9%	1.80	45.90	0.29
Madagascar	Jun-18	-	2	20.30	0.30	1%	0.30	0.0	0.28
Maldives	Oct-12	-	2	25.90	25.90	100%	25.90	170.44	14.88
Mali	Nov-11	-	3	28.61	28.61	100%	19.91	89.84	8.69
Mongolia	Nov-15	-	3	29.91	29.91	100%	29.91	64.10	2.88
Nepal	Nov-11	-	2	39.80	39.80	100%	39.80	68.82	5.07
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	0.97
Rwanda	Nov-15	-	1	50.0	50.0	100%	50.0	52.0	5.85
Solomon_Islands	Jun-14	-	2	13.41	13.41	100%	13.41	24.50	0.66
Tanzania	Sep-13	-	3	37.18	37.18	100%	15.45	223.37	8.49
Uganda	Nov-15	-	2	16.20	4.18	26%	4.18	49.10	-
Vanuatu	Nov-14	-	2	14.0	14.0	100%	14.0	28.20	0.92
PSSA	Jun-14	-	6	85.15	65.15	77%	45.94	622.13	5.88

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)	13.97
Expected Cofinancing (\$M)	252.60
Disbursement as of December 2018 (\$M)	9.30



MDB Approved Projects/Programs

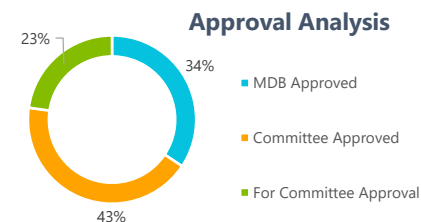
Project ID	Project Title	MDB	Approval Date	Funding	Expected Co-Financing	Status	Main Reason for Disbursement Deviation	Please Describe:	Implementation Highlights
XSREAM034A	Geothermal Exploratory Drilling Project (GEDP)	IBRD	Jun-15	8.68	108.60	MDB Board Approval	The project disbursement is not delayed.	n.a.	The Project activity of geothermal exploration drilling has been completed. The results of drilling proved that there was not a geothermal resource that would be economically exploitable. the decision was made not to further proceed the geothermal power development. The World Bank will receive the formal closing request from the client soon and the Project is formally closing on May 31, 2019. The World Bank team has thus already started working on the completion report.
PSREAM039A	Caucasus Green Economy Financing Facility (GEFF) – SREP Armenia Renewable Energy Grant Support	EBRD	Jun-18	3.0	20.0	MDB Board Approval			The whole USD 3m under the facility has been committed to 4 sub-projects

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		28.0	124.0	Committee Approved	Project Design Phase	The first project in the solar program (Masrik-1) was successfully awarded to a private sponsor (FRV, Spain) in May 2018 following a competitive tendering process. The sponsor and its lenders are currently negotiating the final terms of the PPA and the Government Support Agreement with the Government and financial close is expected in May-June 2019.	Given the success of the Masrik-1 tender, the Government is keen in preparing the Phase 2 projects (5 in total) for another round of competitive tendering. The World Bank is awaiting the formal request from the Government to start preparation and due diligence for Phase 2, which is expected to include 5 projects, for a total of about 15 MW. The Government is keen to mobilize local financing, including from pension funds, for Phase 2, for which the IBRD/SREP guarantee would be needed. The Government is keen to mobilize local financing, including from pension funds, for Phase 2, for which the IBRD/SREP guarantee would be needed.

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)	551.34
Disbursement as of December 2018 (\$M)	0.40



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	23.2	26.60	MDB Board Approval	Procurement/Bidding Issues	Consultant started preparation of bidding documents; if procurement process will be completed successfully in Q3 2019, then, first disbursement may be realized in Q4 2019	The project was ADB approved on 5 July 2018 and became effective on 9 August 2018. Preparation of bidding documents already started.

Committee Approved Projects/Programs

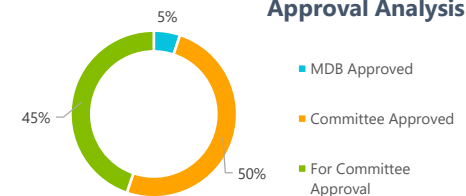
Project ID	Project Title	MDB	Expected Approval Date	Funding	Expected Co-Financing	Status	Reasons for Delay in MDB Approval	Brief Summary of the Situation	Planned Remedial Actions to Expedite MDB Approval
XSREBD076A	Scaling Up Renewable Energy	IBRD	Mar-18	29.25	384.5	Committee Approved			World Bank Board approved the project March 1, 2019. Legal agreements are to be signed shortly. Procurement activities are under way.

Projects/Programs 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
PSREBD062A	Grid Connected Renewables: Investment in Utility-scale solar, wind and rooftop solar (including technical assistance)	IFC	Jun-19	15.50	140.25	Concept Endorsed		IFC is preparing the project for the submission to the Sub-Committee review. Expected submission date is June 2019	

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

Indicative Pipeline Allocation (\$M)	31.30
SC Approvals (\$M)	17.30
Approval Rate	55%
MDB Approval (\$M)	1.60
Expected Cofinancing (\$M)	22.50
Disbursement as of December 2018 (\$M)	0.28



Committee Approved Projects/Programs

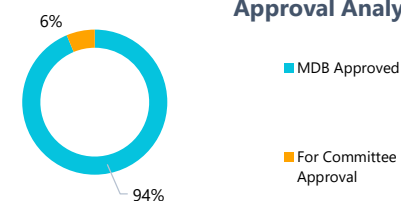
Project ID	Project Title	MDB	Expected Approval Date	Funding	Expected Co-Financing	Status	Brief Summary of the Situation	Planned Remedial Actions to Expedite MDB Approval	Other Information
XSREKH077A	National Solar Parks Program	ADB	Jun-19	15.70	22.50	Committee Approved	ADB loan documentation has been finalized and due to the ADB approval process, there are no Board dates available until May 2019.	The project is scheduled for MDB approval in June 2019	

Projects/Programs 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
PSREKH078A	Private Sector Solar Development - Rooftop Solar	ADB	Jun-20	6.0	-	Concept Endorsed		The project is under reserved pipeline.	
PSREKH078B	Private Sector Solar Development - Utility-Scale/Parks	ADB	Dec-19	5.0	-	Concept Endorsed		On-going discussion with potential transactions	
XSREKH074A	Policy Support and Public Awareness	ADB	Dec-19	3.0	-	MDB Board Approval		On-going discussion with government.	Regular follow-up with the government

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)	203.15
Disbursement as of December 2018 (\$M)	11.03



MDB Approved Projects/Programs

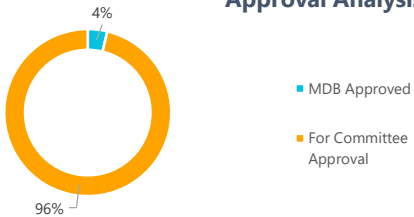
Project ID	Project Title	MDB	Approval Date	Funding	Expected Co-Financing	Status	Main Reason for Disbursement Deviation	Please Describe:	Implementation Highlights
XSREET001A	Geothermal Sector Development Project (GSDP)	IBRD	May-14	24.50	194.0	MDB Board Approval	Procurement/Bidding Issues		Although the project has been delayed due to procurement and client capacity issues, the implementation picked up from FY 2019. The contract award for Aluto site has been awarded and signed in February 2019. The contract is currently manufacturing the drilling rigs. The drilling operation is scheduled to start before the end of the calendar year.
PSREET003A	Geothermal Sector Strategy and Regulations	IFC	Mar-14	1.50	0.50	MDB Board Approval			The project is completed and closed. It resulted in the development of a geothermal sector strategy, roadmap and licensing regulations.
PSREET005A	Lighting Ethiopia / Clean Energy SMEs Capacity Building and Investment Facility	IFC	Dec-14	2.0	0.65	MDB Board Approval			Advisory project is under implementation and progressing well. The project has already achieved multiple important outcomes, including, for example, development of mandatory national standards for solar home systems (SHS) that were adopted by the Ethiopian Standard Agency

Projects/Programs 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
PSREET005B	Clean Energy SMEs Capacity Building and Investment Facility	IFC	Jun-20	2.0	8.0	MDB Board Approval		IFC continues developing a pipeline of projects, but sees little appetite from the government in supporting the needed enhancements of the regulatory environment	

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 2018 (\$M)	0.51



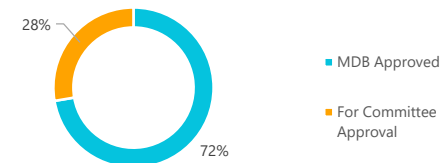
Projects/Programs For Committee Approval

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
XSREGH044A	RE Mini-Grids and Stand Alone Solar PV Systems	AFDB	Jun-18	12.79	65.50	MDB Board Approval	Establishment of the Project Management Unit(PMU)	Feasibility studies have not yet been completed.	Recruiting an energy specialist in Ghana to advance the project appraisal.
XSREGH045A	Solar PV Based Net Metering with Battery Storage	AFDB	Jun-18	17.21	80.50	MDB Board Approval	Establishment of the Project Management Unit(PMU)	Feasibility studies have not yet been completed.	Currently recruiting an energy specialist in Ghana to advance project appraisal.
PSREGH046A	Utility-scale Solar PV/Wind Power Generation	IFC	Jun-20	10.0	40.0	MDB Board 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.	Continue working with the government to enable the project to move forward

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

Indicative Pipeline Allocation (\$M)	27.12
SC Approvals (\$M)	19.62
Approval Rate	72%
MDB Approval (\$M)	19.62
Expected Cofinancing (\$M)	89.50
Disbursement as of December 2018 (\$M)	-

Approval Analysis



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	38.50	MDB Board Approval	Political or Social Unrest		Many workshops were conducted with the client, regulators, and private sector actors as a result of intense work which has been put into by World Bank team to finalize the regulation by contract needed for mini-grids. Request for Proposals have been out since February 2019. The Bank team is now working with the Client to finalize the standards needed for Solar Home Systems and Productive Uses.
XSREHT050A	Renewable Energy for the Metropolitan Area	IBRD	Dec-17	11.0	8.50	MDB Board Approval	Political or Social Unrest		The site selection process for the construction of a solar PV + battery power plant has been launched. The government has also launched a Request for Proposals for the recruitment of a technical adviser to strengthen the implementation capacity and the technical evaluations of the proposals are underway as of March 2019.

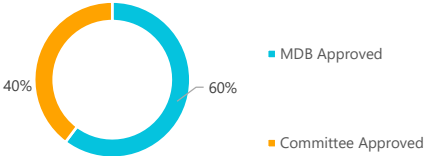
Projects/Programs For Committee Approval

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
PSREHT049A	Off-Grid Electricity Program	IFC	Mar-19	7.50	42.50	MDB Board Approval		Approved by the Sub-Committee in Mar 2019	

Approval Analysis

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

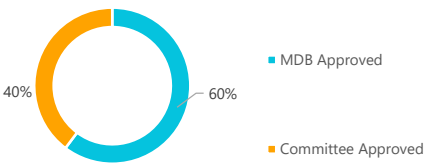
Indicative Pipeline Allocation (\$M)*	29.06
SC Approvals (\$M)*	29.06
Approval Rate	100%
MDB Approval (\$M)*	17.51
Expected Cofinancing (\$M)	899.71
Disbursement as of December 2018 (\$M)	1.82



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
XSREHN006A	Strengthening the Renewable Energy Policy and Regulatory Framework Program (FOMPIER), Part I	IADB	Dec-12	0.02	0.09	MDB Board Approval			Closed - Due to rapid changes in the Honduran context, this operation was closed and SREP resources were reused in a new, redesigned operation (XSREHN080A), approved by the SREP Subcommittee
PSREHN008A	Grid-Connected RE Development Support (ADERC) - Generation / H-REFF	IADB	Sep-15	6.12	390.0	MDB Board Approval			The program includes an \$20 M equity contribution to the Honduras Renewable Energy Finance Facility (H-REFF), including \$15M from the PSSA, and a technical assistance grant, in execution. H-REFF has approved seven investments totaling \$4.3m, including solar PV (off and on-grid), small hydro, and biomass. Project capitalization reached \$33m and \$50m are expected to be raised by the implementing partner.
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 Approval			The project allocated funds to four firms to develop technology innovations to improve stove performance. The project has strengthened the sustainability of the cookstove market through microcredit and increased support to commercialization. It is also working on an initiative to secure and sustain firewood supply for seven clusters of brick and lime producers, including the creation of an association of business owners.
XSREHN007A	Grid-Connected RE Development Support (ADERC) - Transmission Phase I	IADB	Aug-17	7.50	159.15	MDB Board Approval			The project was approved by the IDB Board in August 2018 and signed by the government on December 28th, 2018, the operation has concluded an international bidding process for the construction and extension of the electric substations of Progreso and Toncontin.
XSREHN080A	Strengthening the RE Policy and Regulatory Framework (FOMPIER) Phase II	IADB	Jun-18	0.83	0.70	MDB Board Approval			The Honduran government is fulfilling the conditions to make the operation effective and eligible.

Approval Analysis



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)*	17.51
Expected Cofinancing (\$M)	899.71
Disbursement as of December 2018 (\$M)	1.82

Committee Approved Projects/Programs

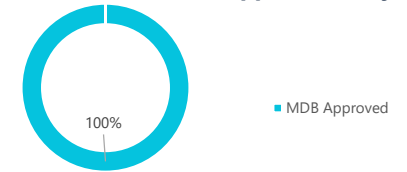
Project ID	Project Title	MDB	Expected Approval Date	Funding	Expected Co-Financing	Status	Reasons for Delay in MDB Approval	Brief Summary of the Situation	Planned Remedial Actions to Expedite MDB Approval
XSREHN079A	Grid-Connected RE Development Support (ADERC) - Transmission Phase II	IADB	Jan-18	5.0	345.15	Committee Approved			The National power transmission program loan document was signed by the Honduran Government on December 2018 and is currently expecting eligibility.
XSREHN010A	ERUS Universal Energy Access Program (PAUE)	IADB	Aug-17	6.84	1.60	Committee Approved			The program consists of a grant (Rural Electrification Program in Isolated Systems) and an Investment Grant (Preparation of a Nationally Appropriate Mitigation Action (NAMA) for the use of Eco-Stoves in Honduras). The two operations were approved by the IDB in November 2018, expecting to start execution in 2019.

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

Investment Plan	Kiribati
Endorsement Date	Jan-19
Last Revision Date	
No. of Projects	1

Indicative Pipeline Allocation (\$M)*	1.30
SC Approvals (\$M)*	1.30
Approval Rate	100%
MDB Approval (\$M)*	1.30
Expected Cofinancing (\$M)	
Disbursement as of December 2018 (\$M)	0.22

Approval Analysis



Projects/Programs 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
XSREKI086A	South Tarawa Renewable Energy Project	ADB	Sep-19	4.7	-	Concept Endorsed	Project Design Phase	Request for \$1 million PPG was approved by SREP SC in April 2019. Submission of project proposal for SREP funding targets by Q3/Q4 2019	

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 December 2018 (\$M)	18.03

Approval Analysis



MDB Approved Projects/Programs

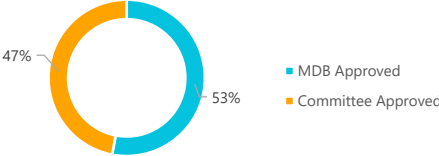
Project ID	Project Title	MDB	Approval Date	Funding	Expected Co-Financing	Status	Main Reason for Disbursement Deviation	Please Describe:	Implementation Highlights
XSREKE012A	Menengai Geothermal Development Project	AFDB	Dec-11	25.0	443.28	MDB Board Approval			Project has reached 72.1% cumulative disbursement by the end of the reporting period and is expected to close by end of 2019.
XSREKE014A	Electricity Modernization Project	IBRD	Mar-15	7.50	13.20	MDB Board Approval	Procurement/Bidding Issues		The site-specific feasibility study including bidding document preparation took some time because of the unique nature of the project (publicly funded mini-grids to be implemented by private sector operator under O&M arrangement with the public utility). Bid evaluation is currently on-going and contract award is expected by July 2019.

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

Approval Analysis

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 2018 (\$M)	4.96



MDB Approved Projects/Programs

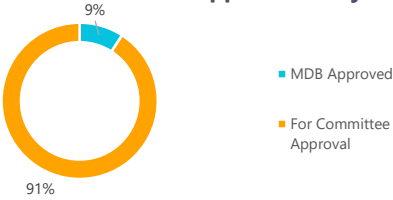
Project ID	Project Title	MDB	Approval Date	Funding	Expected Co-Financing	Status	Main Reason for Disbursement Deviation	Please Describe:	Implementation Highlights
XSREL031A	Renewable Energy for Electrification in North and Center Liberia Project- Mini Grids	IBRD	Jan-16	25.0	2.0	MDB Board Approval	Procurement/Bidding Issues		After the deficiencies in the feasibility study (not funded by SREP or the World Bank) were addressed through additional studies, the bidding document for the main hdyro is now at final stage of preparation. Bidding is expected to launch by July 2019. The project would require two more years for implementation beyond June 2021 and a request for extension has been received from the govenrment. The team will process a restructuring soon for the closing date

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
XSREL032A	Liberia Renewable Energy Project	AFDB	Sep-17	25.0	5.98	Committee Approved	Procurement/Bidding Issues	Environmental and social impact assessment studies for the project are expected to be finalized in the coming month. AfDB's formal internal review and approval process has started, and approval is expected before the end of 2019.	We are ensuring compliance with the environmental and social safeguards standards and have already launched the internal review process. An energy specialist has also been recruited to help expedite project preparation across AfDB's SREP pipeline.

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

Indicative Pipeline Allocation (\$M)	19.70
SC Approvals (\$M)	1.80
Approval Rate	9%
MDB Approval (\$M)	1.80
Expected Cofinancing (\$M)	45.90
Disbursement as of December 2018 (\$M)	0.29

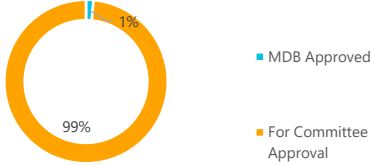


Projects/Programs For Committee Approval

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		5.60	25.90	MDB Board Approval		On track	
XSRELS082A	Lesotho Renewable Energy and Energy Access Project	IBRD		13.80	20.0	MDB Board Approval	Project Design Phase	The project is to be submitted for SREP Sub-Committee approval before mid-2019.	The project is to be submitted for SREP Sub-Committee approval before mid-2019.

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)	
Disbursement as of December 2018 (\$M)	0.28



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		MDB Board Approval			
XSREMG085A	Hybridization of Isolated Diesel Generation Centers with Solar Technologies	AFDB	Jun-20	8.0	-	MDB Board Approval			

Approval Analysis

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 December 2018 (\$M)	14.88

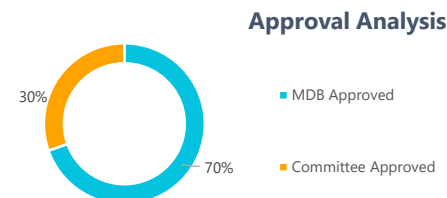


MDB Approved Projects/Programs

Project ID	Project Title	MDB	Approval Date	Funding	Expected Co-Financing	Status	Main Reason for Disbursement Deviation	Please Describe:	Implementation Highlights
XSREMV024A	Accelerating Sustainable Private Investments in Renewable Energy (ASPIRE) Program	IBRD	Jun-14	12.60	58.0	MDB Board Approval	The project disbursement is not delayed.	n.a.	1.5 MW first solar subproject under private investment model was commissioned in March 2018. The Project received strong government (GoM) support after the election in November, 2018. Prequalification of 5MW second subproject is done with award targeted for mid-2019. 5MW third subproject is expected to be bid in 2019. Pipeline for 2MW is identified for implementation.
XSREMV025A	Preparing Outer Island Sustainable Electricity Development Project / Technical Assistance: Capacity Development of the Maldives Energy Authority	ADB	Sep-14	12.69	112.0	MDB Board Approval	NA	NA	The five pilot projects were already commissioned and successfully connected to the island grid. Final fine tuning of hybrid control system is in progress now. The ADB portion of the project is progressing ahead of schedule.
XSREMV025B	Technical Assistance: Republic of the Maldives Capacity Development of the Maldives Energy Authority	ADB	Mar-15	0.40	0.44	MDB Board Approval	NA	NA	TA completed on 31 March 2018.

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 December 2018 (\$M)	8.69



MDB Approved Projects/Programs

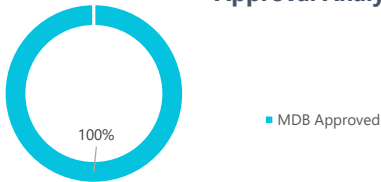
Project ID	Project Title	MDB	Approval Date	Funding	Expected Co-Financing	Status	Main Reason for Disbursement Deviation	Please Describe:	Implementation Highlights
XSREML016A	Rural Electrification Hybrid Systems	IBRD	Dec-13	15.06	40.73	MDB Board Approval	Government Approval Process		The implementation of the project is progressing at a steady pace. After delays due to the implementation of resettlement action plans, construction works to add solar PV capacity to 45 existing diesel mini-grids were officially launched in February 2019. The construction period will last 8 to 12 months, according to the site and thus, the first hybrid plants will be operational by August 2019.
XSREML033A	Project for Scaling Up Renewable Energy in Mali	AFDB	Oct-14	1.50	1.08	MDB Board Approval	Safeguards Compliance		Over 9% of project activities are on track to be completed on time. This national coordination project recently held the the second annual Semaine Malienne des Énergies Renouvelables (Malian Renewable Energy Week), which brought together hundreds of private sector investors, government, media, and civil society representatives to raise awareness and promote the uptake of renewable energy investments in Mali. Since 2015, the project has helped catalyze the approval of 24 renewable energy projects across the country, totaling approximately 366 million USD in allocated funding.

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 Distribution Networks Development Project	AFDB		10.90	48.03	Committee Approved			

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 December 2018 (\$M)	2.88



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
XSREMNO57A	Capacity Building and Regulatory Support Technical Assistance	IBRD	Sep-16	1.20	0.10	MDB Board Approval			
XSREMNO56A	Upscaling Rural Renewable Energy - Solar PV	IBRD	Jun-17	12.40	12.50	Disbursing	The project disbursement is not delayed.		Progress is very good. Training and capacity building has been carried out in system planning and renewable energy (RE) grid integration, grid code development, phasing out of Feed-in-Tariffs. The Technical Assistance has supported drafting of legislation to allow competitive tendering of RE and clear rules for licensing of RE plants.
XSREMNO55A	Upscaling Renewable Energy Sector	ADB	Sep-18	16.10	51.50	MDB Board Approval	NA	NA	The project was MDB approved in Sept 2018. The project is in the process for PMU staff recruitment and selection of the project management consultant.

Approval Analysis

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 2018 (\$M)	5.07



MDB Approved Projects/Programs

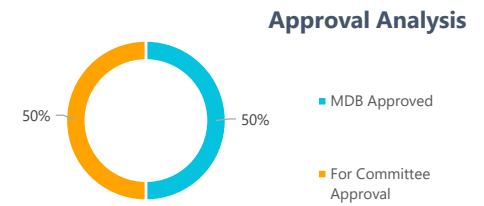
Project ID	Project Title	MDB	Approval Date	Funding	Expected Co-Financing	Status	Main Reason for Disbursement Deviation	Please Describe:	Implementation Highlights
XSREN022A	South Asia Sub-regional Economic Cooperation Power System Expansion Project: Rural Electrification Through Renewable Energy	ADB	Jul-14	11.20	41.22	MDB Board Approval	Other	Catch up plan is developed for delayed mini hydro packages and being monitoring by the EA and ADB closely. Delay in implementation of mini hydro subcomponents	Mini Hydro Subprojects: Contract awarded for 5 subprojects with size of 1600 kW (Target 4300 kW) Solar/Wind Mini Grid Subprojects: Contract Awarded for 7 mini grid subprojects with size of 365 kWp (Target (500 kWp) and work completed 3 subprojects (90 kWp). Disbursement Achievement as of date : 80% of cumulative projection
XSREN022B	South Asia Sub-regional Economic Cooperation Power System Expansion Project (Additional Financing)	ADB	Nov-16	20.0		MDB Board Approved	Procurement/Bidding Issues	Regular follow-up with the government	Five contracts have been signed already for total of at least 24 MW and installation process has begun. Disbursement will begin in Q4 2019.
XSREN023A	Biogas Extended Program	IBRD	Aug-14	7.90	27.60	MDB Board Approval	Other	Implementaiton progress is slow due to: a) delays in finalizing technology seletion by the devleopers; b) delay in financial closure of large individual sub-projects: c) contract/project management issues with individual sub-projects; d) all disbursement are back loaded (the funds will be disbursed only after the individual sub-projects are commissioned)	Due to reduced load shedding in Nepal, the interest from sub-project developers to invest in bio-gas based electricity generation system has now diminished. The current target value for electricity generation is unlikely to be met. The developers are now more focused and interested on generating bio-gas for thermal application. The Project has already exceeded its current target value the indicator off-grid bio gas generated for thermal application from the large-scale projects (> 12m2). As part of a recent project restructuring, the target values for both result indicators have been revised and the project approval process has been streamlined to expedite the implementation. Based on the strong pipeline of sub projects, the gas generation volume for thermal application is expected to increase further. Overall, the Project has developed healthy pipeline of sub-projects. The commissioning rate of sub-projects is expected to accelerate in the next few months.

***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 December 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 and Transmission Improvement Program under the PINIC	IADB	Sep-16	7.50	95.89	MDB Board Approval			This operation is in implementation. It presented delays deciding the drilling strategy between slim or commercial holes, but thanks to specialized studies from the El Salvador geothermal power utility and the Costa Rica state owned utility, the executing agency decided to move ahead with the commercial hole drill.

Projects/Programs 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
XSRENI075A	Integral Development of Rural Areas Project	IADB	Jan-18	7.50	-	MDB Board Approval			

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 2018 (\$M)	0.97

Approval Analysis



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
XSREPC042A	Sustainable Energy Industry Development Project	IBRD	Sep-15	1.92	3.74	MDB Board Approval	The project disbursement is not delayed.		The Project is progressing well. The Pacific Power Association is currently working on the contract for renewable energy resource mapping and the recruitment of a consulting company that supports the power system investment planning.

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)	52.0
Disbursement as of December 2018 (\$M)	5.85

Approval Analysis

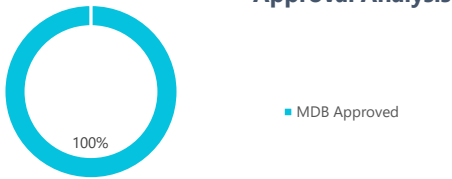


MDB Approved Projects/Programs

Project ID	Project Title	MDB	Approval Date	Funding	Expected Co-Financing	Status	Main Reason for Disbursement Deviation	Please Describe:	Implementation Highlights
XSRERW058A	Renewable Energy Fund	IBRD	Jun-17	49.74	52.0	MDB Board Approval			Project Implementation Unit is fully staffed. Participating Savings and Credit Cooperatives have received the first tranche financing and are already issuing loans for the purchase of off-grid solar systems (~330 solar systems). Pipeline of mini-grids is under development.

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

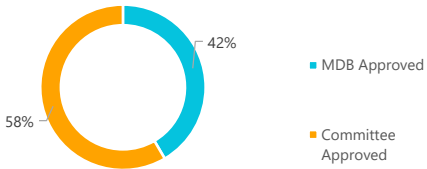
Indicative Pipeline Allocation (\$M)	13.41
SC Approvals (\$M)	13.41
Approval Rate	100%
MDB Approval (\$M)	13.41
Expected Cofinancing (\$M)	24.50
Disbursement as of December 2018 (\$M)	0.66



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 Board Approval	NA	NA	Main EPC contract signed. All contracts have now been signed under the project. Construction commenced on first site (Munda).
XSRESB037A	Electricity Access and Renewable Expansion Project – 2	IBRD	Jul-18	6.55	15.50	MDB Board Approval			The project is progressing well. The project was declared effective on October 23, 2018. The first disbursement was processed on January 25, 2019. The main elements of the project implementation team are in place. Contracts for two out of planned five mini-grids will be awarded in July 2019 and the remaining three will be tendered in late 219. Preparation of technical assistance activities to support enabling environment is currently ongoing.

Approval Analysis



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)	223.37
Disbursement as of December 2018 (\$M)	8.49

MDB Approved Projects/Programs

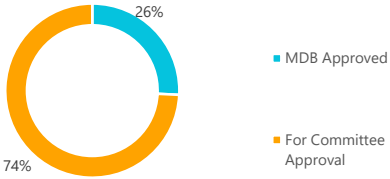
Project ID	Project Title	MDB	Approval Date	Funding	Expected Co-Financing	Status	Main Reason for Disbursement Deviation	Please Describe:	Implementation Highlights
XSRETZ028A	Renewable Energy for Rural Electrification	IBRD	Jun-16	9.80	155.0	Disbursing	Other	As per discussions with the client, strengthened guarantee to cover potential losses of sub-loans have been sought. Africa Guarantee Facility will come into the project complementing SREP grant to cover the potential loss.	Continued uncertainties in regulatory framework have stalled the Small Power Producer (SPP) market and have affected the credit facility for SPPs under the Project. Commercial banks have shown little interest in participating in the SPP market under current circumstances. Ministry of Energy is consulting with stakeholders to revise the regulations for improvement of the situation.
PSRETZ029A	Mini-Grids Project	IFC	Jun-15	4.95	0.10	MDB Board Approval		Under implementation. Progressing as scheduled. Phase II was approved and started in June 2017	

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	68.27	Committee Approved	Government Approval Process	Discussions are ongoing with the Government of Tanzania regarding the potential cancelation of this project.	N/A

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 December 2018 (\$M)	-



Projects/Programs 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 Development Program: Mini-Grids & Urban Small Scale Solar PV Net Metering	AFDB	Jun-18	9.40	16.70	MDB Board Approval		The PPG is ongoing. Since no resources have been allocated for this project, it is not being actively developed. The project is in the non-active development SREP pipeline.	
XSREUG070A	Wind Resource Map and Pilot Wind Power Development Program	AFDB	Jun-18	6.80	32.40	MDB Board Approval		The PPG is ongoing. Since no resources have been allocated for this project, it is not being actively developed. The project is in the non-active development SREP pipeline.	

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)	28.20
Disbursement as of December 2018 (\$M)	0.92

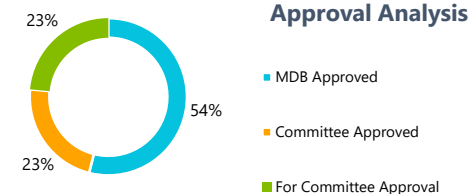


MDB Approved Projects/Programs

Project ID	Project Title	MDB	Approval Date	Funding	Expected Co-Financing	Status	Main Reason for Disbursement Deviation	Please Describe:	Implementation Highlights
XSREVU040A	Rural Electrification Project	IBRD	May-17	6.77	20.10	Disbursing	Procurement/Bidding Issues	n.a.	The Project Operations Manual, Subsidy Implementation Manual, Terms of Reference for Owner's Engineer (OE) have been finalized. Request for Proposal (RFP) were advertised and four proposals were received.
XSREVU041A	Energy Access Project (Small Hydropower Project)	ADB	Sep-17	7.0	8.10	Disbursing	Procurement	The Government of Vanuatu has requested substantial modifications to bidding documents (contract conditions) that are not acceptable to ADB. Discussions is being carried out between ADB's Procurement/Legal Departments and Government's State Law Office for a mutual agreement.	The project progress estimated to be 16% complete per project duration and 2% complete per disbursements. The government has completed recruitment of three consultant engagements for Owner's Engineer on 6 March 2018, DSC on 2 July 2018 and Independent Peer Reviewer on 27 November 2018. The bidding documents prepared by DSC is currently being reviewed. Contract award is envisaged by end September 2019.

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

Indicative Pipeline Allocation (\$M)	85.15
SC Approvals (\$M)	65.15
Approval Rate	77%
MDB Approval (\$M)	45.94
Expected Cofinancing (\$M)	622.13
Disbursement as of December 2018 (\$M)	5.9



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	24.0	MDB Board Approval			See PSREHN008A
PSREML502A	Segou Solar Park	AFDB	Jun-17	25.0	17.86	MDB Board Approval	Other	Project awaiting final Bank signature to become effective	The project financial agreement has not yet been reached. After elections, the Government of Mali has engaged in negotiations with the project sponsor. The legal documentation is now being finalized.
PSREHN603A	Self Supply Renewable Energy Guarantee Program	IADB	Jul-15	5.50	40.0	MDB Board Approval			The program consists of an investment component and a grant component for technical assistance. The TA component has supported feasibility studies. The first investment is Inverna, a first loss guarantee operation for an industrial PV system, currently in operation. A second operation was approved by the IDB Group in March 2019 (after the cut-off date of this report).

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 Energy Access Nepal	IBRD	Jan-19	7.61	7.95	Committee Approved		This project has been approved by World Bank Board on January 30, 2019. The project has not become effective yet.	
PSREKE503A	PSSA: Kopere Solar Park	AFDB	Feb-19	11.60	52.32	MDB Board Approval			

Projects/Programs 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
PSREKE601A	Olkaria IV Geothermal Power Plant	AFDB		20.44	480.0	MDB Board Approval	Establishment of the Project Management Unit(PMU)	The implementation of the PPG attached to the project is still ongoing. Negotiations on the final structure of the project are also ongoing.	The PPG activities are currently being supported to completion, ensuring that adequate due diligence is undertaken during the project's design phase.