

# CLIMATE INVESTMENT FUNDS

SREP/SC.14/Inf.2  
October 19, 2015

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Meeting of the SREP Sub-Committee  
Washington D.C.  
Wednesday, November 11, 2015

Agenda Item 2

## **SREP COUNTRY PORTFOLIOS**

## **INTRODUCTION**

Information document SREP/SC.14/Inf.2, *SREP Country Portfolios*, complements the *SREP Semi-Annual Operational Report* (document SREP/SC.14/3). It provides details on the projects and programs agreed on for each SREP pilot as part of their investment plan and the SREP private sector set-aside. In addition, information is provided on most up-to-date co-financing figures.

Approval dates have been updated after the pipeline reporting cut off of the SREP Semi-Annual Report.

Investment Plan

Armenia

Endorsement Date

Jun-14

Last Revision Date

No. of Projects

4

Indicative allocation (\$M)	40.0
SC Approvals (\$M)	9.1
SC Approval Rate	23%
Expected Cofinancing* (\$M)	112.6

Note: Country portfolio reflects approvals and MDB updates until end Sept. 2015.

\*Based on IP projections

Project Title	MDB	Investment Type	Funding (\$M)	SC Approval Status	MDB Approval Status	COFINANCING (\$M)					Project Remarks
						Government	Private Sector	MDB	Bilaterals	Others	
Geothermal Exploratory Drilling Project ID - XSREAM034A	IBRD	Public	8.9	Approved	Approved	8.6	100.0	-	-	-	
Development of Utility-Scale Solar PV ID - XSREAM035A	IBRD	Public	9.0			2.5	-	10.0	-	-	Project preparation is underway with PCN review meeting expected in late 2015.
Development of Utility0-Scale Solar PV ID - XSREAM036A	ADB	Public	18.9			5.0	63.5	20.0	-	-	ADB is awaiting request from the Government on ADB's involvement and information from the WB on the scope and schedule of the PPTA and proposed loan. ADB may conduct a separate small PPTA.
Development of Geothermal Heat Pumps and Solar Water Heaters ID - PSREAM039A	EBRD	Private	3.0			-	9.0	-	-	-	The EBRD is considering to structure a new credit line in Armenia by Q1/Q2 2016 to promote, among other technologies, those indicated in the below SREP allocation; this concept is being developed and will be subject to EBRD internal approval processes.

Investment Plan

Ethiopia

Endorsement Date

Mar-12

Last Revision Date

No. of Projects

4

Indicative allocation (\$M)	50.0
SC Approvals (\$M)	29.7
SC Approval Rate	59%
Expected Cofinancing* (\$M)	445.6

\*Based on IP projections

Note: Country portfolio reflects approvals and MDB updates until end Sept. 2015.

Project Title	MDB	Investment Type	Funding (\$M)	SC Approval Status	MDB Approval Status	COFINANCING (\$M)					Project Remarks
						Government	Private Sector	MDB	Bilaterals	Others	
Geothermal Sector Development Project	IBRD	Public	24.5	Approved	Approved	12.0	-	178.5	-	113.5	The project became effective on August, 2014 and it is slowly progressing its implementation activities. The bidding document to procure drilling consumables for 10 geothermal wells has been finalized and will be floated soon. The RFP to select the supervision consultant and the bidding documents to select the drilling contractors and procure the drilling rigs are under preparation. The PIU has opened its Designation Account and is processing the first withdrawal application.
ID - XSREET001A											
Geothermal Sector Strategy and Regulations	IFC	Private	1.5	Approved	Approved	0.5	-	-	-	-	The final geothermal strategy report was delivered to government in December 2014. A requested abbreviated Strategy Document was delivered in early February, along with a re-edited version of the full report. The final geothermal strategy report was delivered to the government in December 2014. An abbreviated Strategy Document was delivered in early February, along with a re-edited version of the full report. The Strategy Document will be presented to the Council of Ministers. Once the client confirms the scope of work, the implementation of phase 2 will start.
ID - PSREET003A											
Assela Wind Farm Project	AfDB	Public	20.0			40.0	-	140.0	-	50.0	Feasibility studies still ongoing.
ID - XSREET004A											
Lighting Ethiopia	IFC	Private	2.0	Approved	Approved	-	0.7	-	-	-	Project started implementation in mid-December 2014. The program manager joined the program in mid-January 2015. While the program is still in the very early stages of implementation, activities are underway in most work areas.
ID - PSREET005A											
Clean Energy SMEs Capacity Building and Investment Facility	IFC	Private	2.0			-	-	4.0	-	4.0	It is unlikely that the business environment in Ethiopia will allow for this project to take place as originally envisaged. To that end, IFC will seek to ensure that the funds are put to use for other activities in Ethiopia's Investment Plan.
ID - PSREET005B											

Investment Plan

<b>Ghana</b>
May-15
3

Endorsement Date

Last Revision Date

No. of Projects

Indicative allocation (\$M)	40.0
SC Approvals (\$M)	1.5
SC Approval Rate	4%
Expected Cofinancing* (\$M)	186.0

\*Based on IP projections

Note: Country portfolio reflects approvals and MDB updates until end Sept. 2015.

Project Title	MDB	Investment Type	Funding (\$M)	SC Approval Status	MDB Approval Status	COFINANCING (\$M)					Project Remarks
						Government	Private Sector	MDB	Bilaterals	Others	
RE Mini-Grids and Stand Alone Solar PV Systems	AFDB	Public	17.5			8.0	18.5	27.0	-	12.0	Project Preparation
ID - XSREGH044A											
Solar PV Based Net Metering with Battery Storage	AFDB	Public	12.5			8.0	45.5	15.0	-	12.0	Project Preparation
ID - XSREGH045A											
Utility-scale Solar PV/Wind Power Generation	IFC	Private	10.0			-	20.0	20.0	-	-	IFC is working on developing pipeline.
ID - PSREGH046A											

Investment Plan

<b>Haiti</b>
May-15
4

Endorsement Date

Last Revision Date

No. of Projects

Indicative allocation (\$M)	30.0
SC Approvals (\$M)	0.0
SC Approval Rate	0%
Expected Cofinancing* (\$M)	105.0

Note: Country portfolio reflects approvals and MDB updates until end Sept. 2015.

\*Based on IP projections

Project Title	MDB	Investment Type	Funding (\$M)	SC Approval Status	MDB Approval Status	COFINANCING (\$M)					Project Remarks
						Government	Private Sector	MDB	Bilaterals	Others	
Renewable Energy and Access for All ID - XSREHT047A	IBRD	Public	13.0			-	16.0	6.0	-	-	Project preparation is underway.
RE for the Port-Au-Prince Metropolitan Area ID - PSREHT048A	IFC	Private	2.0			-	-	-	-	-	IFC is working on developing pipeline of projects and planning to submit a proposal.
Off-Grid Electricity Services for productive, Social and Household Uses Project ID - PSREHT049A	IFC	Private	7.0			-	-	15.0	-	-	IFC is working on developing pipeline of projects and planning to submit a proposal.
Renewable Energy for the Metropolitan Area ID - XSREHT050A	IBRD	Public	8.0			-	60.0	8.0	-	-	Project preparation is underway.

Investment Plan

Honduras

Endorsement Date

Nov-11

Last Revision Date

No. of Projects

6

Indicative allocation (\$M)	30.0
SC Approvals (\$M)	11.1
SC Approval Rate	37%
Expected Cofinancing* (\$M)	588.6

Note: Country portfolio reflects approvals and MDB updates until end Sept. 2015.

\*Based on IP projections

Project Title	MDB	Investment Type	Funding (\$M)	SC Approval Status	MDB Approval Status	COFINANCING (\$M)					Project Remarks
						Government	Private Sector	MDB	Bilaterals	Others	
Strengthening the RE Policy and Regulatory Framework(FOMPIER)	IDB	Public	0.9	Approved	Approved	0.1	-	-	-	-	Terms of References of studies have been drafted and initial procurement activities are being carried out.
ID - XSREHN006A											
Grid-Connected RE Development Support(ADERC)-Transmission	IDB	Public	4.5			2.5	-	50.0	-	-	Project design is being finalized with prep grant recently approved.
ID - XSREHN007A											
Renewable Energy Finance Facility (H-REFF)	IDB	Private	6.3	Approved		-	40.0	4.0	-	346.0	
ID - PSREHN008A											
Grid-Connected RE Development Support(ADERC)	IFC	Private	6.0			7.3	40.0	35.0	-	0.2	IFC is in discussions with potential clients on RE financing mechanisms and plans to submit a proposal in late 2015.
ID - PSREHN009A											
Sustainable Rural Energization(ERUS)	IBRD	Public	8.6			1.3	4.0	3.0	-	4.0	Coordination of project has been hired and has started initial procurement activities such as the hiring of a technical supervisor for the project.
ID - XSREHN010A											
Sustainable Rural Energization(ERUS)-Part I & III: Promoting Sustainable Business Models for Clean Cookstoves Dissemination	IDB	Private	2.9	Approved	Approved	0.8	-	-	2.2	-	Coordination of project has been hired and has started initial procurement activities such as the hiring of a technical supervisor for the project.
ID - PSREHN011A											
Sustainable Rural Energization(ERUS)-Part II: Promoting Sustainable Business Models for Clean Cookstoves Dissemination	IDB	Public	0.5			-	-	-	-	-	Project scope is being discussed with GoH.
ID - PSREHN011B											

Investment Plan

Kenya

Endorsement Date

Sep-11

Last Revision Date

No. of Projects

3

Indicative allocation (\$M)	50.0
SC Approvals (\$M)	32.5
SC Approval Rate	65%
Expected Cofinancing* (\$M)	418.0

\*Based on IP projections

Note: Country portfolio reflects approvals and MDB updates until end Sept. 2015.

Project Title	MDB	Investment Type	Funding (\$M)	SC Approval Status	MDB Approval Status	COFINANCING (\$M)					Project Remarks
						Government	Private Sector	MDB	Bilaterals	Others	
Menengai Geothermal Project-200 MW Geothermal-Phase A-Resource and Infrastructure Development and Mobilization of Private Sector	AFDB	Public	25.0	Approved	Approved	245.2	-	124.1	108.7	-	Power Plants in Menengai are not yet under operation. The project aims at developing the Menengai geothermal steam field to produce enough steam capable of generating up to 400 MW of electricity by the private sector through Independent Power Producers (IPP) schemes. The project has an estimated total cost USD 746 million. The project will be developed in two phases: (i) steam resource development through drilling activities, and (ii) the development of the steam gathering system. At the moment the total proven capacity of the field is at around 130MW with the first power plants expected to be commissioned during 2016
ID - XSREKE012A											
Menengai Geothermal Project	IBRD	Public	15.0			-	-	-	-	-	DROPPED; This project will be implemented by AFDB
ID - XSREKE013A											
Electricity Modernization Project	IBRD	Public	7.5	Approved	Approved	2.5	10.7	-	-	-	
ID - XSREKE014A											



Investment Plan

<b>Liberia</b>	
Endorsement Date	Oct-13
Last Revision Date	
No. of Projects	2

Indicative allocation (\$M)	50.0
SC Approvals (\$M)	2.5
SC Approval Rate	5%
Expected Cofinancing* (\$M)	71.0

Note: Country portfolio reflects approvals and MDB updates until end Sept. 2015.

\*Based on IP projections

Project Title	MDB	Investment Type	Funding (\$M)	SC Approval Status	MDB Approval Status	COFINANCING (\$M)					Project Remarks
						Government	Private Sector	MDB	Bilaterals	Others	
Renewable Energy for Electrification in North and Center Liberia Project-Mini Grids	IBRD	Public	25.0			1.3	6.4	10.0	-	16.4	PCN review meeting completed in June 2015
ID - XSREL031A											
Renewable energy for Electrification in Eastern Liberia Project-Stand-Alone PV	AFDB	Public	25.0			1.3	6.4	13.0	-	16.4	The recruitment of the consultants to undertake the feasibility studies has been finalised. The feasibility studies are expected to be achieved within 5 months from September 2015. Then it is envisaged to go to appraise the project in Q1 2016 and submit the PAR to AfDB Board in Q3 2016.
ID - XSREL032A											

Investment Plan

Maldives

Endorsement Date

Oct-12

Last Revision Date

No. of Projects

3

Indicative allocation (\$M)	30.0
SC Approvals (\$M)	25.9
SC Approval Rate	86%
Expected Cofinancing* (\$M)	129.0

Note: Country portfolio reflects approvals and MDB updates until end Sept. 2015.

\*Based on IP projections

Project Title	MDB	Investment Type	Funding (\$M)	SC Approval Status	MDB Approval Status	COFINANCING (\$M)					Project Remarks
						Government	Private Sector	MDB	Bilaterals	Others	
Accelerating Sustainable Private Investments in RE Program(ASPIRE)	IBRD	Public	12.6	Approved	Approved	-	42.0	16.0	-	-	Two-option bid was endorsed and documents (PPA, RLA, RfP) for the first 4 MW subproject under the tariff buy down component have been prepared. The implementation unit is in discussions on final steps with procurement and government advisors. RfP is to be released soon.
ID - XSREMV024A											
Preparing Outer Islands for Sustainable Energy Development Program(POISED)	ADB	Public	12.7	Approved	Approved	14.0	-	38.0	60.0	-	Technical Evaluation being undertaken
ID - XSREMV025A											
TA: Preparing Outer Islands for Sustainable Energy Development Program(POISED)-Capacity Development of the Maldives Energy Authority	ADB	Public	0.4	Approved	Approved	0.0	-	0.4	-	-	Advertised for consultant recruitment
ID - XSREMV025B											
Waste-to-Energy Thilafushi	IFC	Private	4.0			-	5.0	10.0	-	-	IFC continues assessing business potential and opportunities for preparing a program proposal to be presented to the Sub-Committee.

ID - PSREMV026A

Investment Plan  
Endorsement Date  
Last Revision Date  
No. of Projects

Mali
Nov-11
4

Indicative allocation (\$M)	40.0
SC Approvals (\$M)	20.3
SC Approval Rate	51%
Expected Cofinancing* (\$M)	216.5

Note: Country portfolio reflects approvals and MDB updates until end Sept. 2015.

\*Based on IP projections

Project Title	MDB	Investment Type	Funding (\$M)	S C Approval Status	MDB Approval Status	COFINANCING (\$M)					Project Remarks
						Government	Private Sector	MDB	Bilaterals	Others	
Solar PV IPP	AFDB	Private	12.0			-	18.0	30.0	-	-	Last discussion we had with the SREP National Focal Point, we were informed that Mali wants to submit a revised version of the Investment Plan and reallocate these funds into another project
ID - PSREML015A											
Rural Electrification Hybrid Systems	IBRD	Public	15.4	Approved	Approved	8.9	1.8	25.0	-	5.0	Several procurement activities are ongoing, but project implementation is progressing slower than expected. A lack of interest in the market to bid for contracts has been noted, with the need to republish expressions of interest multiple times to attract firms and contractors, which has created further delays in the pace of implementation. The study for the selection of the target 50 mini-grids has been completed. Technical capacity at AMADER (Agence Malienne pour le Développement de l'Energie Domestique et de l'Electrification Rurale) improved, with two additional engineers recruited under the project.  The AMADER, in close collaboration with the World Bank team, is putting in place all necessary measures to accelerate the pace of implementation.
ID - XSREML016A											
Development of Micro/Mini Hydroelectricity for Rural Electrification in mali(PDM-Hydro)	AFDB	Public	10.9			11.0	15.0	25.0	-	77.0	Mali was initially planned for AfDB board approval for June 2016 and now is postpone for Q4-2016. (Feasibility studies to be ready by June 2016.
ID - XSREML017A											
Promoting the Scaling Up of Renewable Energy in Mali	AFDB	Public	1.5	Approved	Approved	0.4	-	-	-	0.7	The project was launched in April 2015 and has not started disbursement yet. All conditions for first disbursement are met therefore it will start showing results soon.
ID - XSREML033A											

Investment Plan

<b>Nepal</b>	
Endorsement Date	Nov-11
Last Revision Date	May-15
No. of Projects	4

Endorsement Date

Last Revision Date

No. of Projects

Indicative allocation (\$M)	40.0
SC Approvals (\$M)	19.9
SC Approval Rate	50%
Expected Cofinancing* (\$M)	239.4

Note: Country portfolio reflects approvals and MDB updates until end Sept. 2015.

\*Based on IP projections

Project Title	MDB	Investment Type	Funding (\$M)	SC Approval Status	MDB Approval Status	COFINANCING (\$M)					Project Remarks	
						Government	Private Sector	MDB	Bilaterals	Others		
Small Hydro Development	IFC	Private	0.0									MPIS only
ID - PSREN019A												
South Asia Subregional Economic Cooperation Power System Expansion Project(formerly Rural Electrification Through Renewable Energy)	ADB	Public	11.8	Approved	Approved	3.3	-	5.0	-	8.5		The project became effective in January 2015. No physical progress has been made.
ID - XSREN022A												
Extended Biogas Program	IBRD	Public	7.9	Approved	Approved	27.6	-	-	-	-		The Project was declared effective on November 24, 2014 and officially launched under the leadership of the Alternative Energy Promotion Centre (AEPC) on February 2015. The AEPC, in close collaboration with the World Bank team, is progressing well with project implementation.
ID - XSREN023A												
Public and Private Partnership for Solar development	ADB	Public	20.0			5.0	5.0	50.0	-	20.0		
ID - XSREN043A												

Investment Plan

Nicaragua

Endorsement Date

May-15

Last Revision Date

No. of Projects

2

Indicative allocation (\$M)	30.0
SC Approvals (\$M)	0.0
SC Approval Rate	0%
Expected Cofinancing* (\$M)	295.2

Note: Country portfolio reflects approvals and MDB updates until end Sept. 2015.

\*Based on IP projections

Project Title	MDB	Investment Type	Funding (\$M)	SC Approval Status	MDB Approval Status	COFINANCING (\$M)					Project Remarks
						Government	Private Sector	MDB	Bilaterals	Others	
Geothermal Development Project	IBRD	Public	15.0			-	70.0	30.0	20.0	15.0	PCN review meeting completed in Jul 2015
ID - XSRENI053A											
Geothermal Development and Integral Development of Rural Areas Project	IDB	Public	15.0			25.2	-	65.0	40.0	30.0	Consultancy for the development of this project is being hired.
ID - XSRENI054A											

Investment Plan

Pacific Region

Endorsement Date

May-15

Last Revision Date

No. of Projects

1

Indicative allocation (\$M)	2.0
SC Approvals (\$M)	2.0
SC Approval Rate	100%
Expected Cofinancing* (\$M)	1.7

Note: Country portfolio reflects approvals and MDB updates until end Sept. 2015.

\*Based on IP projections

Project Title	MDB	Investment Type	Funding (\$M)	SC Approval Status	MDB Approval Status	COFINANCING (\$M)					Project Remarks
						Government	Private Sector	MDB	Bilaterals	Others	
Sustainable Energy Industry Development Project	IBRD	Public	1.9	Approved		-	-	-	-	1.7	

ID - XSREPC042A

Investment Plan

Solomon Islands

Endorsement Date

Jun-14

Last Revision Date

2

No. of Projects

Indicative allocation (\$M)	14.0
SC Approvals (\$M)	1.7
SC Approval Rate	12%
Expected Cofinancing* (\$M)	25.0

Note: Country portfolio reflects approvals and MDB updates until end Sept. 2015.

\*Based on IP projections

Project Title	MDB	Investment Type	Funding (\$M)	SC Approval Status	MDB Approval Status	COFINANCING (\$M)					Project Remarks
						Government	Private Sector	MDB	Bilaterals	Others	
Renewable Energy Access Project	IBRD	Public	6.9			5.0	3.0	7.0	-	-	PCN review meeting completed in Sept 2014
ID - XSRESB037A											
Solar Power Development Project	ADB	Public	6.9			2.5	1.0	6.5	-	-	
ID - XSRESB038A											

Investment Plan

Tanzania

Endorsement Date

Sep-13

Last Revision Date

No. of Projects

3

Indicative allocation (\$M)	50.0
SC Approvals (\$M)	6.5
SC Approval Rate	13%
Expected Cofinancing* (\$M)	669.3

Note: Country portfolio reflects approvals and MDB updates until end Sept. 2015.

\*Based on IP projections

Project Title	MDB	Investment Type	Funding (\$M)	SC Approval Status	MDB Approval Status	COFINANCING (\$M)					Project Remarks
						Government	Private Sector	MDB	Bilaterals	Others	
Geothermal Development	AFDB	Public	25.0			1.5	142.5	45.0	-	322.8	Project is in preparatory phase facing delays due to the procurement of consultancy services. Government is evaluating the proposals received from consultancy firms to prepare the geothermal development strategy, and geothermal energy act.
ID - XSRETZ027A											
Renewable Energy for Rural Electrification	IBRD	Public	20.1			2.4	30.0	50.0	28.0	46.5	PCN review meeting completed in June 2015
ID - XSRETZ028A											
Tanzania Mini-Grids Project	IFC	Private	5.0	Approved	Approved	-	-	-	-	-	Funding request (USD 1.9 mln) was submitted to Trustees at the end of June 2015.

ID - PSRETZ029A



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

Indicative allocation (\$M)	14.0
SC Approvals (\$M)	1.1
SC Approval Rate	8%
Expected Cofinancing* (\$M)	20.4

Note: Country portfolio reflects approvals and MDB updates until end Sept. 2015.

\*Based on IP projections

Project Title	MDB	Investment Type	Funding (\$M)	SC Approval Status	MDB Approval Status	COFINANCING (\$M)					Project Remarks
						Government	Private Sector	MDB	Bilaterals	Others	
Rural Electrification Project	IBRD	Public	6.8			1.7	5.1	2.0	-	4.7	
ID - XSREVVU040A											
Small Hydropower Project	ADB	Public	7.0			1.9	-	5.0	-	-	
ID - XSREVVU041A											

**PRIVATE SECTOR SET-ASIDE (PSSA)**

Endorsement Date

PSSA 1 - Oct 2013

PSSA 2 - Jun 2014

No. of Projects

7

Note: Country portfolio reflects approvals and MDB updates until end Sept. 2015.

Indicative allocation (\$M)	92.4
SC Approvals (\$M)	20.50
SC Approval Rate	22%
Expected Cofinancing* (\$M)	571.9

\*Based on initial pipeline projections

Project Title	Country	MDB	Investment Type	Funding (\$M)	SC Approval Status	MDB Approval Status	COFINANCING (\$M)					Project Remarks
							Government	Private Sector	MDB	Bilaterals	Others	
Renewable Energy Finance Facility (H-REFF) ID - PSREHN501A	Honduras	IDB	Private	15.0	Approved		-	-	-	-	-	
Segou Solar Park ID - PSREML502A	Mali	AfDB	Private	25.0			-	-	-	-	-	PPA and Concession Agreement were signed in July 2015. AfDB to start detailed due diligence in the near future.
Kopere Solar Park ID - PSREKE503A	Kenya	AfDB	Private	11.6			-	-	-	-	-	
ABC Business Models for Off-Grid Energy Access Nepal ID - XSREN504A	Nepal	IBRD	Public	8.0			-	32.0	-	-	-	Project under preparation
Olkaria IV Geothermal Power Plant ID - PSREKE601A	Kenya	AFDB	Private	20.5			-	150.0	255.0	-	75.0	The Government of Kenya has cancelled the selection process of the competitive bidder and will start a new one. Project is to be put on hold until further notice
Climate Venture Facility(KCFV) Project ID - XSREKE602A	Kenya	IBRD	Public	6.8			-	-	4.9	-	20.0	Preparation resumed after approval of KCFV Phase 1 (\$4.9M, non-SREP) in June 2015
Self-Supply RE Guarantee Program ID - PSREHN603A	Honduras	IDB	Private	5.5	Approved	Approved	-	20.0	20.0	-	-	0.375 million guarantee approved for Invema loan (HO-L1100) on 7/16/15. Loan disbursement expected in August 2015. TC has not begun to disburse yet.