

UPSCALING MINI-GRIDS FOR LEAST COST AND TIMELY ACCESS TO ELECTRICITY SERVICES

Action Learning Event

Abuja, December 4-6, 2017

SREP – GHANA UPDATE

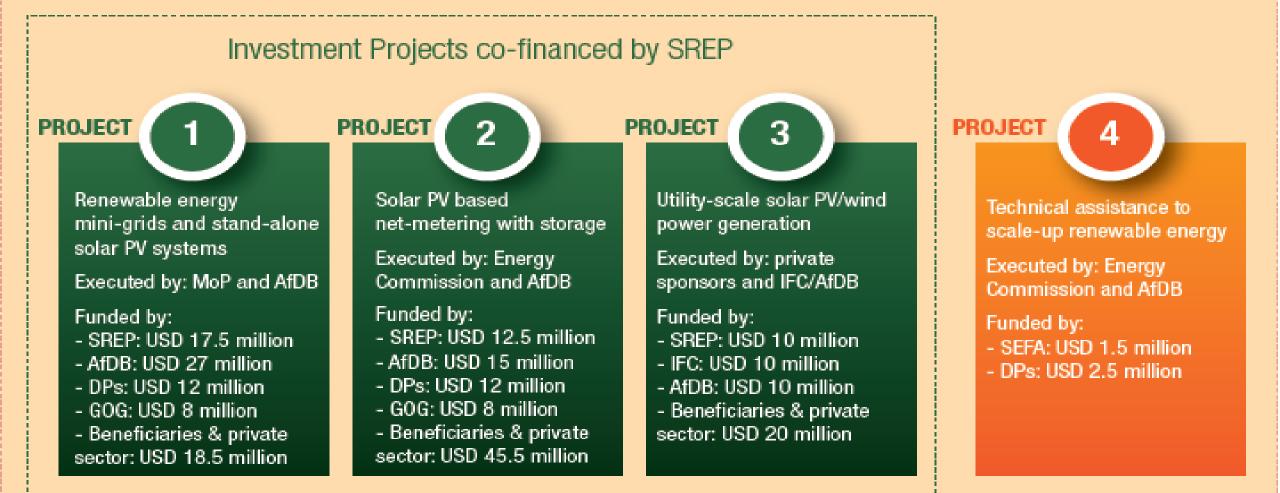
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PROJECT OUTLINE

SREP GHANA PROGRAM





PROJECT OUTLINE

Expected results-Project 1

- Estimated 55 renewable mini-grids
- Private sector investment in stand-alone solar PV systems to benefit 33,000 households
- ✤ About 1,350 schools, 500 health centres and 400 communities electrified

Expected results-Project 2

- 15,000 grid connected solar PV systems with storage capacity
- Financing facilities and instruments
- Standard contract between utilities and customers
- Technical studies
- Service provider-certification and training

Expected results-Project 3

✤ 150MW Ayitepa/Upstream wind project (IFC/WB structured)





SREP IMPLEMENTATION-PROGRESS

- Cabinet Approval obtained
- Letters of Agreements (LOA) signed

Mini-grid Policy

- i. MGs mainstreamed into national electrification scheme and aligned with the pro-poor policy on rural electrification
- ii. Public sector-led Business Model: ownership (part of NES-GoG)
- iii. Management of mini-grid installations
 - » VRA responsible for O&M of RE generation assets
 - » ECG and NEDCo responsible for O&M of distribution within their respective territories.
- iv. ZERO connection fee charge for RE-based mini-grid customers.
- v. Tariff: the existing Uniform Tariff Policy (UTP) applies to RE-based mini-grid customers. e.g. lifeline consumption which is equivalent to 50kWh/month

» PURC includes MGs in the National Electricity Tariff Rate Setting Methodology (rate MG deployment)

SREP IMPLEMENTATION-PROGRESS

- SREP PIU and Coordinator, Procurement Specialist and Accountant appointed
- NO obtained from AfDB for project preparation
 - i. Mini-Grid, Standalone, and
 - ii. Net-metering Projects
- General Procurement Notification issued by AfDB and SREP PIU
- TOR for above projects developed and submitted to AfDB TTA
- Leveraging initiatives;
 - i. ESMAP PUE Initiative
 - ii. SECO 3 MG
 - iii. Initiated discussions with WB to scale-up 5 pilot MGs and net-metering.







PLANNED ACTIVITIES FOR 2018	Q1	Q2	Q3	Q4
Complete preparation of projects				
Project Appraisal AfBD/CIF				
Subcommittee consideration and approval				
Launch of SREP				
Full implementation of Public sector-led SREP projects Commenced				







