Approach for Monitoring, Evaluation and Reporting System for Ghana under the SE4ALL Initiative

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Presentation Outline

- Overview of the MER system for Ghana

- Guiding principles to develop the MER

- Approach adopted

- Contents of the MER

- Draft logical framework

MER System for Ghana

- **Objective**: track progress of Ghana toward the achievement of the <u>SE4ALL country goals</u>:

    1. Energy Access: reach universal energy access by 2020 in terms of access to electricity for residential and productive uses, and modern energy for cooking.

    2. Renewable Energy: increase the proportion of RE in the total national electricity mix to 10 % by 2020 from the 2012 level.

    3. Energy Efficiency: Achieve 10% and 15 % savings in electricity consumption and petroleum products, respectively, through electric power efficiency and conservation measures.

Guiding principles to develop the MER

- MER system is designed to fit Ghanaian context and needs
- Assessment of the current monitoring and evaluation systems to identify indicators that could be fed into the Ghana SE4ALL MER (e.g. Population and Housing Census (PHC), Ghana Living Standard Survey (GLSS))
- Consideration of the multi-tier approach from the Global Tracking Framework (GTF) to define Energy Access indicators.

Logical approach adopted for developing the MER System

- Step 1: Identify a set of indicators for the 4 Ghana's national priority areas in line with the 3 pillars of SE4LL i.e. Energy Access (EA), Renewable Energy (RE) and Energy Efficiency (EE):

    1) Off-grid electrification to be linked with EA and RE.

    2) Modern energy for productive uses to be linked to EA and RE.

    3) Modern energy for cooking (improved cookstoves and LPG) to be linked to EA and EE.

    4) Efficiency of improved cookstoves, LPG stoves and those of end-use appliances for productive uses would be linked to EE.

- Step 2: Identify the baseline and the targets for the approved set of indicators tailored to the SE4ALL initiative.

Logical approach adopted for developing the MER System

- Step 3: Evaluate current MER mechanisms in place in Ghana and which would facilitate the implementation of the SE4ALL MER system.

- Step 4: Customize, transform or refine the current MER mechanisms for the approved indicators including data collection, processing, validation and reporting mechanism .

- Step 5: Identify institutional roles and responsibilities for data collection, processing, validation and reporting; identify gaps and suggest a capacity development plan.

Contents of the MER System

- <u>Monitoring plan</u>: provides guidelines on indicators to be monitored, associated variables, data collection, responsibilities, etc.

- <u>Evaluation plan</u>: provides indication on the analysing baselines vs targets to be achieved in time (progress made).

- <u>Reporting plan</u>: provides indication on frequency, format, responsibilities for reporting results, etc.

- <u>Logical Framework (logframe)</u>: summarizes the MER system

- <u>Recommendations</u> for updating the system following AA future updates

Log-frame example (work-in-progress)

Key performance indicators	Definition / Description of indicator	Baseline	Targets			Data Collection			Means of Verification	Data Reporting			Assumptions	Risks	Immediate Action
		Year XX	Year 1	Year 2	Year n	Frequency of collection	Responsible entity for collecting data	Collection methodology		Reporting format	Responsible entity for reporting	Reporting frequency			
SE4ALL Global Goal: Universal Energy Access by 2030															
1) SE4ALL Ghana Goal: Ensure universal access to modern energy services by 2020															
National electricity access rate (%)															
1.1) Ghana Objective 1: Provide access to electricity in remote communities using decentralised renewable energy systems															
Number of communal facilities with access to electricity through a decentralized RE system															
SE4ALL Global Goal: Double the share of renewable energy (RE) in the global energy mix by 2030															
2) SE4ALL Ghana Goal:															
SEALL Global Goal: Double the global rate of improvement in energy efficiency															
3) SE4ALL Ghana Goal:															

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