

# ROGEP

## Subcomponent 1A: Fostering Regional Collaboration and Enabling Environment to Promote Sustainable Off-grid Industry

Venue: Fiesta Royale Hotel, Accra -Ghana  
Date: July 26, 2018



# Content of Discussions

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- Overview of Component 1A

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- Presentation on regional policy & regulatory framework
- Experience from Liberia on improving national policy through regional frameworks

3

- Presentation on promoting public institutions and productive use of standalone solutions
- Experiences from Nigeria and Niger on ROGEP pilot projects

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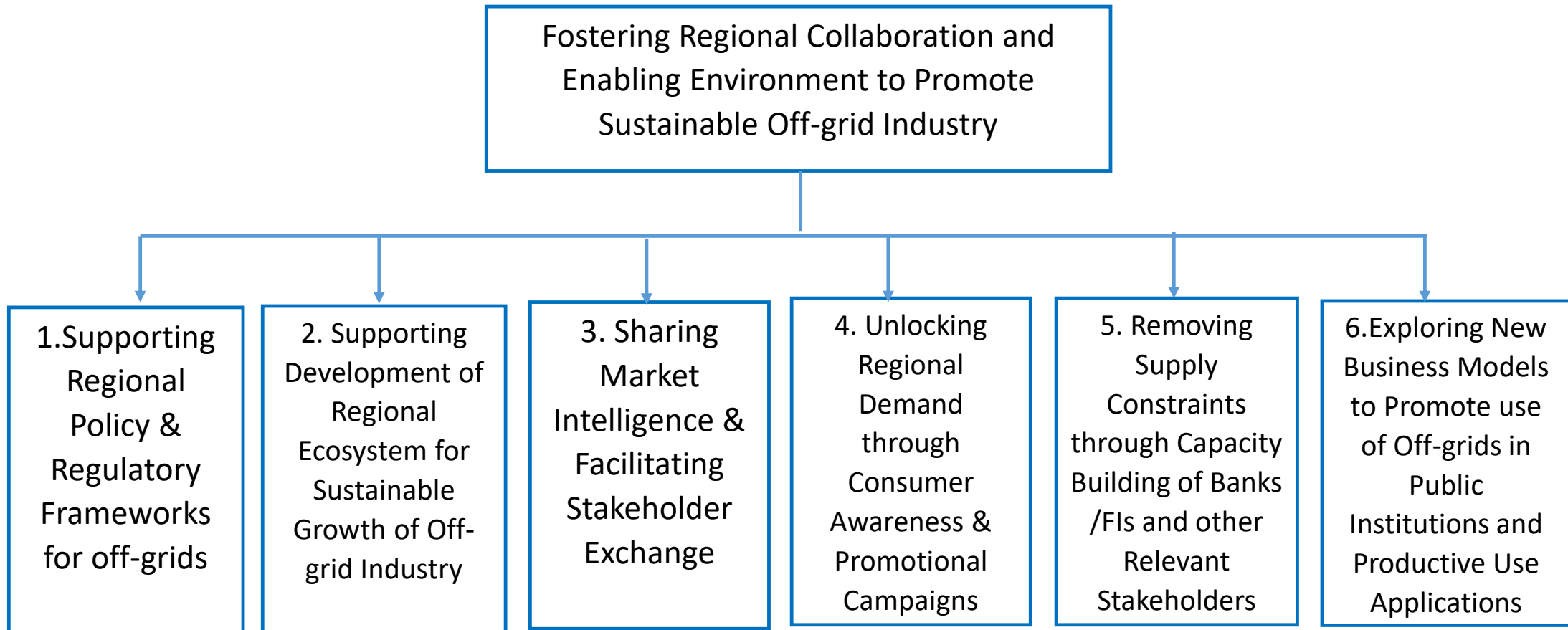
- Component 1A Areas 2-4
- Gender Mainstreaming

# Overview of Subcomponent 1A

By: Kwabena Bofo Adom-Opare, ROGEP



# The Six Areas of Component 1A



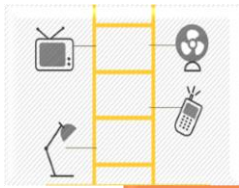
# Subcomponent 1A – Area 1 Supporting Regional Policy & Regulatory Frameworks

By: Hamadou Tchiemogo, ROGEP



# Aspects of consideration under Area 1

- Strengthening regional energy access policy;
- Developing and adopting regional quality standards;
- Removing trade barriers and moving towards simplified tax regime; and
- Influencing National Energy Access Policies/Strategies through Regional Engagement



### Strengthening regional energy access policy

- Support achievement of regional RE policy (off-grid) standalone targets (21M access by 2020)
- Achieved through TA to regional and national decision makers to facilitate achievement of regional targets
- Examples - analytical studies, exchange programs, regional forums etc



### Developing and adopting regional quality standards

- Support adoption of existing standards and quality assurance framework (up to 350 Watts) at the regional level
- Through pilot projects, ROGEP will develop standards for larger systems, to be agreed at regional level and possibly adopted at country level
- Engagement with regional & national stakeholders related to standards and energy to facilitate informed decisions



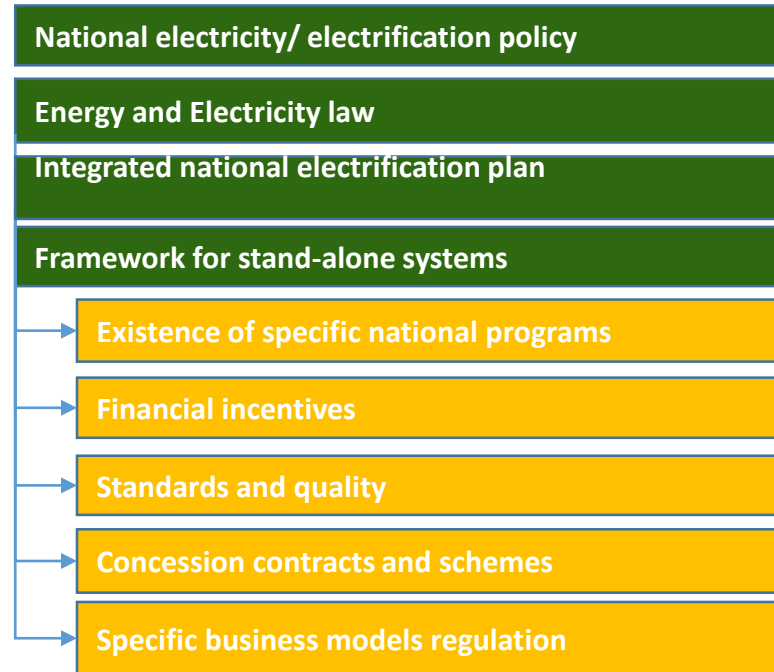
### Removing trade barriers and a simplified tax regime

- Support the development/improvement of harmonized codes for standalone systems within the context of CET
- Support learning at regional and national levels through exchange programs and learning from other economic communities
- Support countries to undertake necessary analytics to move towards rationalized energy sector subsidy policy regimes for both on and off-grid investors
- These will be done tariff management regional committee, commerce and customs regional technical committee, and the ECOWAS Council of Ministers

## Supporting regional energy policy & regulatory framework

### Improvement of the national electricity access policy

## Specific policy & regulatory areas to be considered for ROGEP TA support



Regional forum/workshop on off-grid strategy planning

- Target audience - directors of energy at ministries and rural agencies etc
- Aimed at demonstrating the importance of an integrated off-grid electrification strategy, and sharing lessons for practical implementation

Technical Assistance to countries

- Receive requests from countries after regional workshop on integrated off-grid electrification planning
- Provide tailor-made TA on off-grid strategic plan development (for up to 4 countries)

Monitoring

- Monitor and track progress of national TA from a regional perspective

TA to be carried out during preparatory phase





# Practical Experiences from Liberia on influencing improvement of the National Electricity Access policy and regulatory framework through Regional Engagement (ECREEE- EUEI PDF Mini-Grid Regulation regional Technical Assistance support)

By: Nanlee Johnson, Ministry of Mines and Energy - Liberia



# Subcomponent 1A - Area 6

## Exploring New Business Models to Promote use of Off-grids in Public Institutions and Productive Use Applications

By: Seini Nouhou Amadou, ROGEP



### ROGEP Pilot Project Objectives

- To develop a quality assurance (QA) framework for off-grid solar electricity systems for institutional applications such as health clinics, schools, and water pumps
- To develop a new approach for the procurement, installation and long-term maintenance

### New Business Models & Risk Mitigation

- Service oriented standards and quality assurance framework supported through appropriate payment risk mitigation arrangements

### Expected Outcomes

- Development of QA framework , Express of Interest, Contractors design, procure and install systems, Follow-up visits and data monitoring for at least 6 months following installation
- Replicated in other ROGEP countries, and/or other pilots developed

**Energy Service provider**

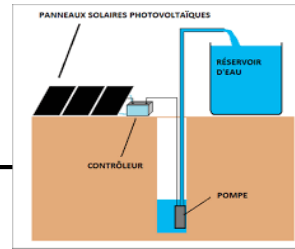
**CAPEX RECOVERY**

**OPEX**

**O & M**



**schools**



**Water pumping system**



**Health center**



**Street lighting**

**Government**

**Donors (WHO etc)**

**Municipalities Or Local Govt**

**Facility Management Committee**

# Practical Experiences of ROGEP Pilot Project in Niger

By: Rabiou Balla, Ministry of Mining & Energy, Niger  
Edward Maku, Ministry of Power, Nigeria



- In Nigeria, we surveyed 12 health facilities, 10 schools, 1 e-library, 7 water pumps, and 1 irrigation site, for a total of 31 sites
- We conducted water pumping tests at 7 sites in Nigeria
- Fieldwork served to identify and assess sites for the pilot installations and provide key insights for the QA framework

- In Niger, we surveyed 10 health facilities, 9 water pumps, and 8 educational facilities for a total of 24 sites
- Fieldwork served to identify and assess sites for the pilot installations and provide key insights for the QA framework

# Subcomponent 1A - Areas 2 - 5

By: Kwabena Boafo Adom-Opare, ROGEP



**AREA 2: Supporting development of regional ecosystem for sustainable growth of the off-grid industry**

Local Entrepreneurship Capacity Building Facility

Promote inclusive supply value chain

Regional certification scheme for PV installers

Detailed presentation on component 1B in subsequent discussion

**AREA 3: Sharing market intelligence and facilitating stakeholder exchange**

ROGEP will support activities that would foster collaboration and promote dialogue for scaling up electrification through off-grid standalone solutions

Regional market intelligence



Regional and national forums and workshops

B2B events

Country level data base management support

**AREA 4: Unlocking regional demand through consumer awareness and promotional campaigns**

Training of trainers (ToT)

Local language radio shows

Roadshows

Support to other sector Ministries (education, health, agric etc)

Plan for awareness raising to unlock demand



1

•Market research on awareness levels

2

•Determine specific channels (radio, TV, etc)

3

•Develop a preliminary plan (human and financial resources required)

4

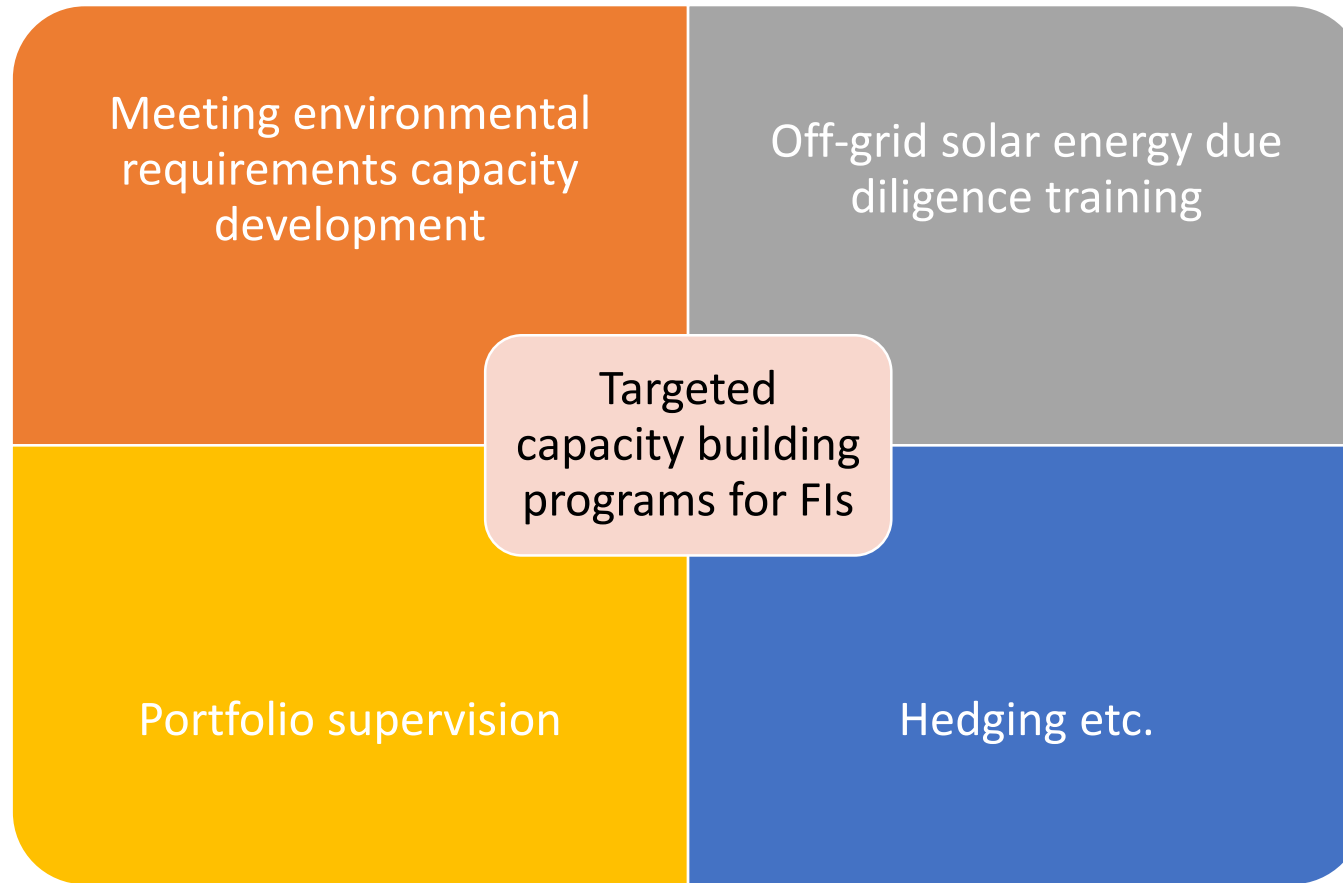
•Identify ToT beneficiaries

5

•Pilot campaign to identify improvement and develop full scale roll out



**AREA 5: Removing Supply Constraints through Capacity Building of Banks /FIs and other Relevant Stakeholders**



The end goal here is to ensure FIs are able to utilize the regional credit line

# Gender Mainstreaming under Subcomponent 1A

By: Ermelinda Tavares Lima, ROGEP



# What is Gender mainstreaming?

- Gender mainstreaming is not just about adding women. It involves looking at the **experience** and **interests** of women and men in the development process;
- Gender mainstreaming is also not the same as gender balance or gender parity. Gender mainstreaming goes beyond counting the number of women and men in a room;
- Gender mainstreaming goes beyond simply having a women's component in a specific project or programme;
- Good gender mainstreaming recognizes the **needs** of women and men and involves all stakeholders and partners, both, to collectively tackle the issue at hand.

**Energy projects that are not gender blinded consider these aspects.**

# Regional Context

The region faces significant **challenges in closing opportunity and outcome gaps between women/girls and men/boys:**

- Gender disparities regarding:
  - HIV/Aids rates;
  - Educational;
  - Access to and control of productive assets;
  - Access to employment;
  - Access to finance;
  - Lower labor force participation;
  - Female headed household more poorest in rural areas

# Sectoral and Institutional Context

- Access to energy = gender differentiated impacts (at the individual, household and community levels);
- Without access to modern energy services, rural women and girls in particular, spend long time performing basic subsistence tasks = poverty time;
- Limited access to other opportunities (increasing incomes);
- High levels of sexual and gender-based violence; (sexual harassment, female genital mutilation);
- Lower social and political interaction outside the household;
- Lack of electrification of healthcare facilities

# Subcomponent - 1 A – The Enabling Environment

## Main goal:

- Raise awareness among women to facilitate their entry into the renewable energy market

**Ways????**

# Subcomponent - 1 A – The Enabling Environment

- Sector regulation - a law should be developed taking into account gender issues – A much inclusive law as possible.
- Sector regulation with clear guidelines on how to benefit vulnerable communities, female headed households, solving issues like lack of incomes, health's problem, poverty time, access to finance;
- Sector regulation with assumption of gender sensitive indicators that could help track and measure the impact of the investments in energy sector

## Subcomponent - 1 A – The Enabling Environment

- technical regulation must be gender inclusive to allow/increase off-grid solar products access for the most vulnerable;
- technical support must take into account gender and social inclusion aspects in approval tariffs;
- value chain supply inclusive; possibility to have mentoring program to incentive women to participate, to raise awareness in the initiatives



# Subcomponent - 1 A – The Enabling Environment

- Women's groups can participate in the trainings and capacity building;
- They must have opportunity to participate;
- Create the opportunity;
- Some social inclusion program (help with the burden of time, e.g.);
- Raise awareness through consultations to women's groups, their needs, interest, benefit's etc

**THANK YOU**

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