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Interactive Workshop on the Energy Sector

Sébastien Raoux

Project Development Advisor

Division of Country Programming

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#InspireMoreClimateAction

Interactive workshop on the energy sector



- 6 Working Groups on 5 themes:
 - **Energy access for the hardest to reach (Francophone)**
 - **Energy access for the hardest to reach (Anglophone)**
 - **Scaling up renewable energy markets**
 - **Setting the path towards 50% RE by 2030 and net-zero energy by 2050**
 - **Energy efficiency**
 - **Hardest-to-abate sectors**
- The intent is to solicit your opinion on the GCF priorities for interventions and financing for each of these themes.

Context for each theme (examples)



CONTEXT: ENERGY ACCESS FOR THE HARDEST TO REACH

Across the drivers of the GCF strategic plan and in respect to promoting access to modern renewable energy (RE) for hardest to reach areas, the GCF is targeting the following possible interventions:

1.1. Transformational planning and programming

- 1.1.1. Policy and regulatory reforms in renewable energy access (e.g., RE rural concessions, mini-grid regulations, policies related to the arrival of the national grid).
- 1.1.2. Promoting actions including local community engagement and consultations when designing energy access initiatives.
- 1.1.3. Supporting strategic, long-term energy planning that integrates power systems, energy access, and climate goals.

1.2. Catalysing climate innovation

- 1.2.1. Supporting innovative business models that provide energy services for productive uses of electricity (e.g., cooling, processing, milling, graining, vacuum packaging).
- 1.2.2. Promoting leasing arrangements to enable access to machinery and equipment for productive and value adding electricity uses.
- 1.2.3. Funding innovative and impactful renewable energy access technologies including to address last-mile electrification.
- 1.2.4. Supporting community-level energy projects or cooperative business and financial models, including through microfinance.

1.3. Mobilization of finance at scale

- 1.3.1. Credit lines to local financial institutions for energy access services linked to productive RE use, including linkages to food production, health, education, and others.
- 1.3.2. Capitalisation of rural energy funds.
- 1.3.3. Addressing liquidity risks for small scale service providers through creation of special purpose funds.
- 1.3.4. Improving business models through linkages with partners such as digital financial service providers.
- 1.3.5. Unlocking local financial institution and private capital to finance low emission energy access projects.

1.4. Coalitions and knowledge to scale up success

- 1.4.1. Promoting local/national skills development and application of best practices.
- 1.4.2. Promoting renewable energy access knowledge products in communities of practice.
- 1.4.3. Promoting articulation of causal links between energy access and climate resilience.

CONTEXT: ENERGY EFFICIENCY

Across the drivers of the GCF strategic plan and in respect to the second and third energy efficiency pathways, the GCF is targeting the following possible interventions:

1. Transformational planning and programming

- 1.1. Promoting zero-carbon materials and retrofits for residential, commercial, public, and industrial spaces.
- 1.2. Scaling layered and zero-carbon building design codes and link or merge with resilience standards.
- 1.3. Harmonizing minimum efficiency performance standards (MEPS).
- 1.4. Scaling testing labs and monitoring and verification practices for EE standards and labelling practices.
- 1.5. Adopting green public procurement standards.

2. Catalysing climate innovation

- 2.1. Scaling up innovation in building materials that significantly reduce energy demand.
- 2.2. Integrating ecosystem-based solutions in building plans.
- 2.3. Switching to co-generation and tri-generation from standard HVAC solutions.
- 2.4. Adopting internet-of-things and data analytics for appliance/equipment/space energy demand reduction.
- 2.5. Support supply chains for market switch to high efficiency appliances.

3. Mobilization of finance at scale

- 3.1. Aggregated finance models (e.g. including local currency finance), green mortgages, white certificates.
- 3.2. De-risking tools (e.g. guarantees, risk and energy saving insurance).
- 3.3. EE products and service supply chain capitalisation and financing.
- 3.4. EE standards-based and products-based revolving funds and credit lines.
- 3.5. Supporting service models (e.g., ESCOs, bulk procurement, bulk distribution).

4. Coalitions and knowledge to scale up success

- 4.1. Capturing experiences and developing knowledge products on EE business models.
- 4.2. Establishing green procurement and distribution guidelines for energy efficient services.
- 4.3. Capacity building, technical assistance, and knowledge hubs (e.g., for ISO 50001 implementation).
- 4.4. Establishing MEPS repository.

— 4 Questions for each theme



Please designate a working group representative to report on the WG consensus for the first two questions (3 minutes per WG at the end of the session).

- 1. What should the GCF priorities be for each type of intervention for each theme?**
 - Refer to the interventions listed in the context section.
- 2. What additional interventions should the GCF include as part of its strategic plan?**
 - Additional = activities that would not occur under BAU and without GCF concessional financing.

Please fill-in the questionnaire form (one per country; not to be reported upon but forms will be collected at the end of the session).

- 3. Does your country already have a roadmap for the proposed interventions, and, if not, what capacity issues are you facing towards developing such roadmap?**
- 4. Please indicate which interventions you have already implemented in your country and/or which interventions you would like the GCF to help finance in the next 2-3 years.**

Please also designate one note-taker per working group to document the working group deliberations (notes will be collected at the end of the session).

Suggested countries / working groups



WG 1a OMATAKO 1	WG 1b OMATAKO 2	WG 2 OMATAKO 1	WG 3 OMATAKO 2	WG 4 OMATAKO 1	WG 5 GAMSBURG
Energy access (Francophone):	Energy access (Anglophone):	Scaling up RE markets	Path towards 50% RE and net-zero	Energy efficiency	Hard to abate sectors
Bénin	Guinea-Bissau	Algeria	Comoros	Angola	Algeria
Burkina Faso	Lesotho	Angola	Egypt	Botswana	Cote d'Ivoire
Burundi	Liberia	Eswatini	Ethiopia	Cabo Verde	Egypt
Rép. Centrafricaine	Malawi	Ethiopia	Ghana	Cameroon	Kenya
Tchad	Mozambique	Ghana	Kenya	Comoros	Morocco
RD Congo	Rwanda	Mozambique	Liberia	Congo, Dem. Rep.	Namibia
Madagascar	Sierra Leone	Mali	Nigeria	Djibouti	Nigeria
Mauritanie	Somalia	Mauritius	South Africa	Equatorial Guinea	Senegal
Niger	South Sudan	Mozambique	The Gambia	Eritrea	South Africa
Togo	Tanzania	Senegal	Tunisia	Sao Tome & Princ.	Tunisia
	Uganda	Sudan		Seychelles	
	Zambia			The Gambia	
	Zimbabwe				