



CLIMATE &  
CLEAN AIR  
COALITION  
TO REDUCE SHORT-LIVED  
CLIMATE POLLUTANTS



United Nations  
Environment Programme

## CCAC SUPPORTING NATIONAL ACTION PLAN AND INSTITUTIONAL STRENGTHENING PROJECTS TO REDUCE SHORT-LIVED CLIMATE POLLUTANTS (SLCP)

### WORKSHOP ON CLEAN ENERGY (LIGHTING AND COOKING) END-USER FINANCE SOLUTIONS IN NIGERIA/WEST AFRICA/AFRICA

- **CCAC SIDE EVENT AT THE ECOWAS SUSTAINABLE ENERGY FORUM (ESEF 2018) - 15TH NOVEMBER 2018**
- **CCAC SOUTH-SOUTH LEARNING EXCHANGE WORKSHOP - 16TH NOVEMBER 2018**

**VENUE: RADISSON BLU DAKAR, SEA PLAZA, ROUTE DE LA CORNICHE OUEST FANN  
RESIDENCE, 16868, DAKAR, SENEGAL**

### **The Project Context, Objectives and Expectations**

Short-lived climate pollutant (SLCP) emission reductions can play an instrumental role in curbing climate change while also realizing co-benefits for air quality, health and agricultural productivity. Yet despite these multiple benefits, SLCP mitigation projects have not been financed to their full potential.

Encouragingly, several existing funds are in a position to finance projects, technologies, and policies that cut SLCP emissions. The private finance sector – hedge funds, banks and insurance companies – is also increasingly aware of climate change risks and the economic benefits of mitigation activities. The challenge is to create an environment where these sources of finance can be channeled to SLCP projects at a larger scale.

Recognizing the need to accelerate and scale up SLCP mitigation, the Coalition established the Finance initiative to catalyze investment for this purpose while maximizing near-term climate and health benefits. The initiative provides training and technical assistance to financiers and key stakeholders to make investment in SLCP activities more straightforward, reliable, and attractive to the finance sector.

Finance for SLCP reductions is a diverse activity that will require solutions customized to each sector, type of purchase and investment being made. Mitigation projects span multiple sectors, including fossil fuels, agriculture, household energy, and industrial processes; and require financing activities that range from long-term public sector infrastructure investments and public procurement, to corporate investments and individual purchase decisions.

Since many of the institutions engaged in SLCP finance have largely focused on financing carbon dioxide abatement, the initiative is specifically working with partner financial institutions to develop tools that will allow them to assess and prioritize investments based on their contributions to SLCP reductions.

### **End-user finance for clean energy in Adamawa state, Nigeria**

Nigeria is severely constrained by an insufficient supply of reliable electricity. Most villages are off-grid, and those who do have access to electricity, are subject to daily blackouts. As a result, many households have come to rely on highly polluting and hazardous forms of energy, including wood, charcoal and kerosene, to cook and to light their homes. This has a considerable impact on the villager's health and the climate, and is driving deforestation at an alarming rate.

The Coalition's Finance initiative is providing technical assistance to Nigeria's Standard Microfinance Bank in order to develop its capacity for energy lending to households. Through this project, the Coalition aims to support scalable and affordable financing mechanisms for clean, off-grid energy that can accelerate the country's transition to low-emission household energy solutions.

By providing technical assistance to Standard Microfinance Bank, the Coalition's Finance initiative aims to build its capacity to provide attractive financing models that help Nigerian households purchase renewable lighting and cooking technology.

### **South-South Learning Exchange Workshop & Objectives:**

The UNEP Denmark Technical University Partnership (UNEP DTU) on behalf of CCAC, is facilitating the **South-South Learning Exchange** workshop focused on clean energy (lighting and cooking) end-user finance solutions in Nigeria and West Africa. This event will be an opportunity to hear from very successful entrepreneurs, key experts and stakeholders from Nigeria, other African countries as well as from other developing regions and international organizations. Further, representatives from ECREEE and other West African government departments will be invited.

#### **Objectives:**

1. To have discussion on the Household Survey and Analysis from the study conducted by SMB/UDP on technology feasibility and market needs assessment to identify the gaps/ constraints in accessing finance for clean energy technologies. Discussion on next steps regarding prospective quantitative targets in terms of hardware, finance and beneficiaries.
  2. Sharing of experience and lessons from key experts/entrepreneurs regarding successful lessons for possible replication and 'pitfalls' to avoid.
  3. Documentation of the South-South learning event in a report by UDP (*post workshop*)
  4. Dissemination and communication of workshop outcome (*post workshop*).
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## Annex 1: Agenda for 16th November, 2018

Time	Session	Moderators/Rapporteur
<b>DAY 1 Thursday 15th November 2018: ESEF/CCAC Side Event</b>		<b>UNEP DTU/CCAC</b>
14:00 – 15:20	<p>Introduction of the Session and Presentation of the Panelists <b>(5 mins) - Milan Rusnak /UNEP DTU</b></p> <ul style="list-style-type: none"> <li>• <b>Mrs Iniobong Abiola-Awe</b> - Min. of Environment, Nigeria</li> <li>• <b>Yekbun Gurgoz</b> - CCAC</li> <li>• <b>Tara Ramanathan</b> - Nexleaf</li> <li>• <b>Toyin Emmanuel-Olubake</b> - ACUMEN</li> <li>• <b>Mahama Kappiah</b> - ECREEE</li> <li>• <b>Enamul Karim Pavel</b> - IDCOL</li> <li>• <b>Francis Vazheparambil</b> - SMB Nigeria</li> <li>• <b>Musah Salah</b> - ECOBANK</li> <li>• <b>Nate Heller</b> - PEG Africa</li> <li>• <b>Peter George</b> – Clean Cooking Alliance</li> <li>• <b>Secou Sarr</b> - ENDA</li> <li>• <b>Femi Oye</b> - GEBiofuels</li> </ul> <p><i>(This a panel discussion. Panelist have <b>5 minutes (maximum)</b> to highlight their work and their high impact approaches for clean energy (Lightning and Cooking) finance solutions. Kindly note that due to time constraints there are No PowerPoint Presentations for this session). However, PowerPoint Presentations are encouraged for the Friday 16th November session.)</i></p> <p>15 mins Q &amp; A</p>	<p><b>Moderators:</b></p> <p><b>Milan Rusnak/ Emmanuel Ackom</b></p> <p><b>Rapporteur: Susanne Korad</b></p>
<b>DAY 2 Friday 16th November 2018: CCAC South-South Workshop</b>		<b>UNEP DTU/CCAC</b>
9:00 – 9:20	<b>Registration</b>	<b>UNEP DTU/ Susanne Korad</b>
9:20 – 10:20	<p><b>Session 1 - Joint Opening Ceremony &amp; Introduction of the CCAC Initiatives</b></p> <ul style="list-style-type: none"> <li>- Official opening/welcome remarks by CCAC Secretariat/ Introduction to CCAC Household Energy initiative and Finance initiative (20 mins) - <b>Yekbun Gurgoz</b></li> <li>- Opening remarks/introduction to CCAC implementation activities in Nigeria by Ministry of Environment, Nigeria (20 mins) - <b>Iniobong Abiola-Awe /Bala Bappa</b></li> <li>- Welcome remarks by UNEP DTU representative, goals/ expectation from the workshop and programme agenda (20 mins) - <b>Emmanuel Ackom</b></li> </ul>	<b>Moderator: Bala Bappa</b>

10:20 – 11:20	<p><b>Session 2 - Household Survey and Analysis: Adamawa Case Study</b></p> <p><b>1- Key findings</b> on technology feasibility and market needs assessment to identify the gaps/ constraints in accessing finance for clean energy technologies.</p> <p><b>2- Next steps</b> regarding prospective quantitative targets in terms of hardware, finance and beneficiaries (30 mins) - <b>1 &amp; 2: Milan Rusnak</b></p> <p><b>Q &amp; A /Discussion:</b> Participants will ask questions for further understanding or clarification on the Survey/Analysis and questions/inputs to the <i>Next Steps</i> (20 mins): Experts: <b>Milan Rusnak/ Francis Vazheparambil/ Wasiq Aun</b></p> <p><b>Group Photo (10 mins)</b></p>	<p><b>Moderator:</b> Yekbun Gurgoz</p> <p><b>Rapporteur:</b> Tara Ramanathan</p>
11:20 – 11:30	<b>Coffee break</b>	
11:30 – 12:50	<p><b>Session 3: End User Clean Energy Finance Solutions</b></p> <p><b>Experience from experts/organizations on:</b></p> <ol style="list-style-type: none"> <li><b>1. Current issues, challenges in the Household Energy Sector:</b></li> <li><b>2. High Impact Approaches/Solutions <i>and</i></b></li> <li><b>3. Lessons/Experience (from your organization below)</b> <ul style="list-style-type: none"> <li>- GEBiofuels (15 mins) - <b>Femi Oye</b></li> <li>- IDCOL (15 mins) - <b>Enamul Pavel</b></li> <li>- Nexleaf (based on their women-led initiatives) (15 mins) - <b>Speaker: Tara Ramanathan</b></li> <li>- PEG Africa (15 mins) - <b>Speaker: Nate Heller</b></li> </ul> </li> </ol> <p><b>Q &amp; A /Discussion (20 minutes)</b></p>	<p><b>Moderator:</b> Francis Vazheparambil</p> <p><b>Rapporteur:</b> Wasiq Aun</p>
12:50 - 14:00	<b>Lunch</b>	
14:00 – 15:00	<p><b>Session 3: End User Clean Energy Finance Solutions (continued)</b></p> <p><b>Experience from experts/organizations on:</b></p> <ol style="list-style-type: none"> <li><b>1. Current issues, challenges in the Household Energy Sector:</b></li> <li><b>2. High Impact Approaches/Solutions <i>and</i></b></li> <li><b>3. Lessons/Experience (from your organization below)</b> <ul style="list-style-type: none"> <li>- SMB (15 mins) - <b>Francis Vazheparambil</b></li> <li>- ECOBANK (15 mins) - <b>Musah Salah</b></li> </ul> </li> </ol>	<p><b>Moderator:</b> Milan Rusnak</p> <p><b>Rapporteur:</b> Bhekiwe Hlope</p>

	- ACUMEN (15 mins) - <b>Toyin Emmanuel-Olubake</b>	
	<b>Q &amp; A /Discussion</b> (15 minutes)	
15:00 - 15:10	<b>Coffee break</b>	
15:10 – 16:10	<p><b>Session 3: End User Clean Energy Finance Solutions (continued)</b></p> <p><b>Experience from experts/organizations on:</b></p> <ol style="list-style-type: none"> <li><b>1. Current issues, challenges in the Household Energy Sector:</b></li> <li><b>2. High Impact Approaches/Solutions <i>and</i></b></li> <li><b>3. Lessons/Experience (from your organization below)</b></li> </ol> <ul style="list-style-type: none"> <li>- ECREEE (15 mins) - <b>Mahama Kappiah</b></li> <li>- ENDA (15 mins) - <b>Secou Sarr</b></li> <li>- Clean Cooking Alliance (15 mins) - <b>Peter George</b></li> </ul> <p><b>Q &amp; A /Discussion</b> (15 minutes):</p>	<p><b>Moderator:</b> Engr. <b>Bahijahtu</b></p> <p><b>Rapporteur:</b> <b>Asmau Jibril</b></p>
16:10 – 16:50	<p><b>Wrap up of the workshop</b></p> <p>Rapporteurs will present a summary of the workshop (10 mins each).</p>	<p><b>Moderator:</b> <b>Emmanuel Ackom</b></p> <p><b>Rapporteurs:</b></p> <ul style="list-style-type: none"> <li>- <b>Tara Ramanathan;</b></li> <li>- <b>Wasiq Aun;</b></li> <li>- <b>Bhekiwe Hlope;</b></li> <li>- <b>Asmau Jibril</b></li> </ul>
16:50: 17:00	<b>Closing remarks</b>	<ul style="list-style-type: none"> <li>- <b>CCAC Secretariat</b></li> <li>- <b>Ministry of Environment (Nigeria)</b></li> <li>- <b>UNEP DTU</b></li> </ul>

### **The Climate and Clean Air Coalition to Reduce Short Lived Climate Pollutants**

The Climate and Clean Air Coalition to Reduce Short Lived Climate Pollutants was launched in February 2012. The Coalition is a partnership of governments, intergovernmental organizations, and representatives of the private sector, the environmental community, and other members of civil society, that are committed to accelerating and incentivizing action to address key short-lived climate pollutants (SLCPs).

The aim of the Coalition is to reduce SLCPs by: (1) raising awareness of SLCP impacts and mitigation strategies; (2) enhancing and developing new national and regional actions, including by identifying and overcoming barriers, enhancing capacity, and mobilizing support; (3) promoting best practices and highlighting successful efforts; and (4) improving scientific understanding of SLCP impacts and mitigation strategies. UNEP is a Partner in the

Coalition. UNEP also hosts the Secretariat and the Trust Fund of the Coalition in its Division of Technology, Industry and Economics (DTIE) in Paris.

The Coalition has a membership of 61 state partners, 71 non-state partners, and 17 international organisation; and 11 approved initiatives for rapid implementation.