

Programme

Sustainable Energy Forum 19-21 March, 2018 | Kigali, Rwanda

Day 1

Opening Session

Session 1: Access to energy

Session 2: Roadmap of a Sustainable Energy (SE) future for East Africa

High Level Panel: Roadmap for Sustainable Energy Policy in East Africa

Day 2

Session 3: Financing SE projects in the EAC region

Session 4: Energy and Gender in the EAC region

Day 3

Session 5: Sustainable City development in East Africa

Session 6: Geothermal Energy in East Africa

Closing Session: Regional Sustainable Energy Declaration

Summary

The access to clean, affordable, reliable, and sustainable energy for all by 2030 (UN Sustainable Development Goal 7) is critical for alleviating poverty and improving livelihoods of the remaining 15% of the world's population still without electricity, while 2.8 billion without access to clean cooking facilities. There is growing evidence that the access to modern energy services advances and strengthens the productive capacities that promote inclusive and sustainable socio-economic development in an environmentally sound manner. Currently, the energy strategies and policies in the East African Community (EAC) Partner States are driven primarily at the national level. Key ingredients for successful long term energy policies depend on effective knowledge management and capacity building, ensuring that all policy decision makers can make informed decisions on the design and implementation of policies to enhance universal access to electricity and clean cooking. The Sustainable Energy Forum for East Africa will serve as a platform to discuss ways in which multi-stakeholder partnerships among partner states, development partners such as UN Agencies, Multilateral and bilateral donors, and financing institutions can help remove barriers that limit the provision of affordable, reliable, sustainable and modern energy services. Moreover the forum will enable discussions on the different strategies that support and allow the upscaling sustainable energy solutions, the harmonizing of renewable energy (RE) and energy efficiency (EE) policies, and how to upscale financing in RE & EE projects and technologies. Furthermore, issues pertaining to sustainable cities, Geothermal potential and projects in East Africa, and gender responsive and socially inclusive approaches to sustainable energy solutions in the regional context will be discussed for exchange knowledge and experiences sharing.



Programme Monday 19 March, 2018

Opening Session

09:00-10:00 **Welcome Remarks**

- Ambassador Libérat Mfumukeko, Secretary-General of the East African Community (EAC);
- Mr. Li Young, Director General, United Nations Industrial Development Organization (UNIDO);
- Mr. Martin Ledolter, Managing Director Austrian Development Agency (ADA);
- Mr. Upendra Tripathi, Director General, International Solar Alliance (ISA)

Keynote Speech

- Ms. Rachel Kyte, Special Representative for the UN Secretary-General and CEO of Sustainable Energy for All

Official opening of the Forum

- Hon Minister, Ministry of Infrastructure Rwanda

10:00-10:30 **Networking break / Coffee**

Plenary session 1: Access to Energy *(moderated by Ms. Christine Eibs Singer, SEforAll)*

10:30-11:30 **Focus area I: Electrification**

- Opportunities and challenges for scaling access to electricity in the EAC region
- Grid extension and densification – *Eng Robert Nyamvumba, Ministry of Infrastructure Rwanda*
- Mini-grids in East Africa – *Mike Gratwicke, Head of Energy Platform, Managing Director and Co-Founder, Rift Valley Energy*
- Off Grid SHS: Solution provider – *Johanna Diecker, Policy Director, Global Off-Grid Lighting Association (GOGLA)*

11:30-13:00 **Focus area II: Clean fuels and technologies for cooking**

- Baseline report on Clean Cooking Fuels in East Africa – *Harry Stokes, founder and director of Project Gaia*
- Clean cooking fuels and technologies in East Africa – *Eric Reynolds, Executive Director, Inyenyeri*
- Market transformation of Clean fuels for cooking – *Jossy Thomas, Industrial Development Officer, UNIDO*
- LPG as a transition fuel for cooking in East Africa – *Elizabeth Muchiri, Global LPG Partnership (GLPGP), Kenya*

13:00-14:00 **Lunch**



Plenary Session 2: Roadmap of a Sustainable Energy (SE) future for East Africa

(moderated by EAC Secretariat)

- 14:00-15:00 **Focus area I: Harmonized policies to scale up SE in the EAC region**
- Harmonizing SE policy framework in EAC region –Mr. Yohannes Hailu, *UNECA*
 - Regional sustainable energy policies: ECOWAS Experience –*Mahama Kappiah, Executive Director at ECREEE*
 - SEforALL Action Agendas and Investment Prospectuses in East Africa –*SEforALL Hub*
 - RISE (regulatory indicators for sustainable energy) – *Norah Kipwola, Senior Energy Specialist, World Bank*
- 15:00-16:00 **Focus area II: Stakeholder perspectives on SE policies in EAC (Moderated by Mr Yohannes Hailu, UNECA Kigali Office)**
- Kenya experience – *Eng Isaac Kiva, Director Ministry of Energy and petroleum Kenya*
 - Role of regulators in scaling up sustainable energy in East Africa – *Tom Rwahama, Ministry of Infrastructure, Rwanda*
 - Uganda Case Study: *Ndawula Godfrey, Commissioner New and Renewable Sources of Energy Uganda*
 - Clean Cooking fuels and technologies in East Africa –*Daniel Wanjohi, Global Alliance for Clean Cook Stoves (GACC)*
 - Off-grid Solution Provider’s Perspective - *Pauline Githugu, Head of External Affairs, M-KOPA SOLAR*
- 16:00-16:15 **Coffee break**
- 16:15-17:00 **High-Level Panel discussion: Roadmap for SE policy in East Africa**
- Panel of Ministers of Energy, EAC Partner states, and partners – *Li Yong, DG UNIDO; Upendra Tripathi, DG ISA; Rachel Kyte, CEO SEforALL;*
- 17:00 **Networking Event**



Programme Tuesday 20 March, 2018

Plenary session 3: Financing SE projects in the EAC

09:00-09:05 **Introductory Remarks**

09:05-10:30 **Focus area: Status of financing SE in East Africa**

(Moderated by *Amadou Hott, VP AfDB*)

- Baseline report on financing SE in the EAC – *Jaswinder Kaur, UNIDO Expert*
- Overview of SE Portfolio of the East Africa – *Helena McLeod, Director, Climate Change and Renewable Energy, KPMG*
- Energizing Finance: Scaling and Refining Finance in Countries with Large Energy Access Gaps – *Christine Eibs Singer, Senior Advisor, SEForAll*
- SE Investment Models: Experience sharing and best practices – *BBOX*
- Empowering Investment – *George Lénaïc, Team Leader, Delegation of the EU to Rwanda*

10:30-11:00 **Networking break/ Coffee**

11:00-12:30 **Panel discussion: Scaling up Investment into RE & EE**

(Moderated by Mr. Mohamed Bakarr, Senior Environmental Specialist, GEF)

- The role of regional banks in funding and scaling sustainable energy ventures – *Mr. Eric Naivasha, Equity Group Foundation*
- Innovative financing and Impact investors: The case of SE investments – *Christophe Nuttall, Executive Director, R20*
- SE Financing Agency : Case study of IREDA – *Mr. Popli, MD IREDA*
- Financing the Sustainable Development Goals - *Amadou Hott, VP AfDB*
- Incremental financing for Global Environmental Benefits in Energy projects – *Ming Yang, GEF Secretariat*

12:45-13:00 **Wrap-up session and Closing remarks – summary of key themes**

(Presented by *Jaswinder Kaur – UNIDO*)

13:00-14:00 **Networking Lunch**



Plenary Session 4: Energy and Gender in the EAC region

- 14:00-15:00 **Mainstreaming gender in the EAC Member States**
(Moderator, **Mr. Kudakwashe Ndhlukula, Executive Director, SADC Centre for Renewable Energy & Energy Efficiency – SACREEE**)
- **Bringing gender and energy issues to the forefront in East Africa:** *Mr. Michael Ahimbisibwe, Executive director of EACREEE*
 - **Role of women in socio-economic development in the EAC:** *Mrs. Generose Minani, EAC Principal Gender and Community Development Officer*
 - **Experiences from the ECOWAS Programme on Gender Mainstreaming in Energy Access (ECOW-GEN):** *Mrs. Monica Maduekwe, Programme Coordinator, ECOWAS Centre for Renewable Energy and Energy Efficiency ECOW-GEN Programme*
 - **Developing a Gender Mainstreaming Programme in the EAC –Dr. Ellen Morris,** *President Sustainable Energy Solutions and Faculty Columbia University*
 - Q & A
- 15:00-15:50 **Listening to the audience: A participatory session on gender and energy**
(Moderator: **Mrs. Lydia Muchiri, Senior Gender and Energy Advisor, Practical Action East Africa**)
- **Introduction to the session:** Objectives and ground rules
 - **Part 1:** 5-6 groups discussing key questions on gender and energy, the EACREEE proposed gender programme, and the interest in a EAC Gender Mainstreaming Policy for Energy Access
 - **Part 2:** Reporting out from groups and interactive discussion to help define and shape EACREEE priorities on gender and energy
 - **Part 3:** Concluding thoughts: *Mr. Michael Ahimbisibwe, Executive director of EACREEE*
- 15:50-17:00 **SEforALL People’s Centered Accelerator Networking Event**



Programme Wednesday 21 March, 2018

Plenary Session 5: Sustainable City development in East Africa

09:00-09:05 **Introductory Remarks (Summary of previous day events)**

09:05-10:30 **Focus area I: Opportunities and challenges East African Cities**

(Moderated by Mr. Mohamed Bakarr, Senior Environmental Specialist, GEF)

- Introduction to the GEF Sustainable Cities Program – *Mohamed Bakarr, GEF Secretariat*
- EAC sustainable City Baseline report – *Ms. Dima Reda, President and Founder of Nataij*
- Experience Sharing of UNIDO sustainable City Programme – *Mr. Datuk Nik Ahmad Faizul Abdul Mallek, National Project Director, Malaysian Industry-Government Group for High Technology (MIGHT)*
- Experience Sharing of UNIDO sustainable City Programme: India – *Mr. K. Narsimhamurthy, Commissioner, Vijaywada*

10:30-10:45 **Coffee break**

10:45-12:30 **Focus area II: Modern urban energy challenges and opportunities**

(Moderated by Mark Lister, Head of Centre, Copenhagen Centre of Energy Efficiency)

- Strategies to integrate sustainable city planning into a Roadmap of a sustainable energy future for East Africa – *Dr. Vincent Kitio, UN Habitat*
- Covenant of Mayors in Sub Saharan Africa – *George Lénaïc, Team Leader, Delegation of the EU to Rwanda*
- SEforALL EE Appliances and Equipment Accelerator – *Steve Kukoda, Executive Director, International Copper Association*
- Experience sharing of sustainable city initiatives – *Yves Sangwa, Executive Secretary of Rwanda Green Building Organization*
- Regional Programme on Energy Efficiency by Swedish International Development Cooperation Agency – *Monica Gullberg, Energy Policy Expert, SIDA*

12:30-13:30 **Networking Lunch**

13:30-14:30 **Panel Discussion: EAC Member states perspective on sustainable city planning** (Moderated by Mr. Innocent Kabenga, Global Green Growth Institute)

- Discussion by the Ministries of Environment and Energy of the EAC member states;



Plenary session 6: Geothermal Energy in East Africa

14:30-15:20 **Geothermal Energy in East Africa** (Moderated UNIDO)

- Looking back at the development of the geothermal sector in Africa – *Mr. Kobayashi Hiroyuki, Senior Adviser to the Director General, Japan International Cooperation Agency*
- Kenya's success story : Lessons learned, risks mitigation, creating a favorable investment environment –*Mr. George Muia, General Manager Strategy, Research and Innovation, Geothermal Development Company*
- Capacity building needs, joint initiatives by UNEP and ARGeo – *Ms. Meseret Zemedkun, Program Manager at the African Rift Geothermal Development Facility*

15:20-15:40 **Networking break/ Coffee**

15:40-16:30 **Panel Discussion: Looking into the future of geothermal** (Moderated by Mr. George Muia)

- *Experience sharing – ENEL Green Power*
- Challenges and opportunities for potential foreign investments in geothermal in EACREEE countries –*Hiroshi Suzuki, President of Toyota Tsusho East Africa Limited Toyota Tsusho*
- Adoption of innovative technologies to enhance productivity of geothermal power generation –*Naotsugu Ikeda, Executive Officer, General Manager, Overseas Business Department, West JEC*

16:30-16:45 **Networking break/ Coffee**

Closing Session

16:45-17:15 **Regional Sustainable Energy Declaration** (MININFRA, UNIDO, EAC, ADA, SEforALL)

- Wrap-up of the sustainable energy forum