

African Energy Efficiency Alliance Conference

Advancing Africa's Energy Efficiency Agenda through Strategic Partnerships

Concept Note and Draft Agenda

Date: 10-11 December 2025
Addis Ababa, Ethiopia

ORGANIZER

African Energy Commission (AFREC) under the African Energy Efficiency Alliance

PARTNERS

Ministry of Water and Energy of Ethiopia, Denmark, European Union, PEEB, U4E, SEforALL, OPEC Fund, AFDB, AEEP, CLASP, APUA, UNIDO/EELA, Alliance for Rural Electrification, AFUR, ECREEE, EACREEE, RCREEE, SACREEE, SANEDI



A. Background

1. Energy is a critical component of sustainable development. Despite its role in enhancing overall socio-economic productivity and providing public services such as education and health, access to energy services remains a major challenge in Africa. Approximately 600 million people lack access to electricity, and close to 1 billion people do not have access to clean cooking services. This calls for an urgent response to address the energy deficits and meet the expected energy demand growth due to growing population, urbanization in Africa, and industrialization. The energy challenge is further exacerbated by the urgent need for global action on climate change, limiting the available resources for bridging the energy supply gap.
2. Energy efficiency has the potential to contribute towards the transformation of the global energy system, boosting the clean energy transition and reducing greenhouse gas emissions (GHG) whilst delivering quality energy services for all. It is in view of this that during the 28th Conference of the Parties (COP28) held in Dubai, 133 countries including several African countries signed the Global Commitment on Renewable Energy and Energy Efficiency, committing to triple global installed capacity of renewable energy and double the global average annual rate of improvements in energy efficiency by 2030 as part of COP28's global stock take (GST) negotiated outcome.
3. Clear leadership that is ambitious and collaborative is required in achieving the set energy efficiency targets. This leadership must come from government-backed specialized agencies supported by non-state entities (that is, "non-Party stakeholders" or NPS). Engaging businesses and other non-state entities is paramount for project implementation, building capacity on the ground and providing the financial means needed to complement public and multilateral sources of funding.
4. For a coordinated and holistic approach to advancing energy efficiency in Africa, the African Ministers responsible for Energy through the 3rd Extra Ordinary Session of the Specialised Technical Committee on Transport and Energy (STC-TE) held on December 3 -5, 2024, validated the African Energy Efficiency Strategy and Action Plan (AfEES). The AfEES was then adopted by the 46th Ordinary Session of the Executive Council held in Addis Ababa held on February 12-13, 2025. AfEES outlines over 100 actions at the national, regional and continental level to optimize energy use in the power, industry, buildings, transport, agriculture and appliances subsectors. The Ministers also called for the operationalization of the African Energy Efficiency Alliance. These actions are intended to accelerate progress towards the African Union's commitment to improve energy productivity by 50% by 2050 and 70% by 2063 which is in line with the global target of doubling energy efficiency by 2030.
5. The African Energy Efficiency Alliance is a collaborative platform for energy efficiency that was launched by the African Union Commission at COP 29 in Baku, Azerbaijan. The Alliance aims to bring together regional renewable energy and energy efficiency centers, regional economic communities, governments, development partners, the business community, NGOs, research institutions, and other stakeholders to champion energy efficiency knowledge and experience sharing; advance advocacy and awareness; conduct research and development; facilitate technology transfer; and attract funding and investment for energy efficiency programmes.
6. It is in this context that the African Energy Commission (AFREC) is hosting the **"Inaugural African Energy Alliance Conference"** between **December 10-11, 2025**.
7. The objectives of the High-Level Conference include: -
 - (a) Take stock of the progress in implementing energy efficiency initiatives in Africa and identify gaps and opportunities for scaling up successful programmes.

- (b) To facilitate knowledge and experience sharing among the African Union Member States and partners to align national energy efficiency strategies with continental and global commitments.
- (c) Showcase some of the best practices and technologies in implementing energy efficiency programmes with a focus on technology transfer and investment opportunities.
- (d) To mobilize financing and investment by engaging with development banks, ESCOs, and private investors and exploring financing models that can drive energy efficiency initiatives across Africa.

B. Pre-conference Events: December 08-09, 2025

The main conference will be preceded by sponsored trainings targeting energy efficiency policymakers, industry players, academia, and NGOs and partner meetings .

Preconference Session	Sector	Topic	Organizing Partner	Target Audience
Session I (Buildings	Training on Bioclimate Design and Financing	Partnership for Energy Efficiency in Buildings (PEEB)	Representatives from ministries, regulators, and private sector players in the energy and building sector
Session II	Power	Expert Review and Validation of the Handbook on Determination of Technical Losses in the Distribution Grids	African Energy Commission	AU Member States, Power Pools, Partners, and Regional Centres for Energy Efficiency and Renewable Energy
Session III(MEPS	Expert Review and Validation of the Handbook on the Development and Implementation of Minimum Energy Performance Standards	African Energy Commission	AU Member States, Partners, and Regional Centres for Energy Efficiency and Renewable Energy
Session IV (TBC)	Financing	Design of the African Energy Efficiency Facility	AFREC/SAG20/UNEP Presidency of South Africa	G20 Presidency, UNEP, Regional Centres for Energy Efficiency and Renewable Energy, Regional Economic Communities
Session V	Energy Efficiency Data	Regional Training on the Energy Efficiency Data Questionnaire	African Energy Commission	AU Member States



C. DRAFT DETAILED PROGRAMME FOR THE CONFERENCE

Wednesday, December 10, 2025

08:00 – 08:45	Registration
08:45 – 09:10	<p>Session I: High-Level Opening Session</p> <p><u>Welcome Remarks</u></p> <ul style="list-style-type: none"> • H.E. Lerato D. Mataboge, Commissioner Infrastructure and Energy, African Union Commission <p><u>Opening Remarks</u></p> <ul style="list-style-type: none"> • H.E. Dr. Ing. Habtamu Itefa, Minister of Water and Energy Addis Ababa of the Federal Democratic Republic of Ethiopia • H.E. Mahmoud Ali Youssouf, Chairperson of the African Union Commission (TBC)
09:10-09:50	<p><u>Keynote Speech</u></p> <ul style="list-style-type: none"> • H.E. Fatma Thabet Chiboub, Ministère de l'Industrie, des Mines et de l'Énergie of the Republic of Tunisia <p><u>Opening Panel</u></p> <ul style="list-style-type: none"> • Ms. Damilola Ogunbiyi, Chief Executive Officer, Sustainable Energy for ALL (TBC) • Gerd Müller, Director General, United Nations Industrial Development Organization • VP of the African Development Bank (TBC) • H.E. Ambassador Sune Krogstrup, Permanent Representative to the African Union, Royal Danish Embassy • Mr. Javier Nino Perez, Head of Delegation of European Union to the African Union • Mr. Brian Motherway, Head of the Office of Energy Efficiency and Inclusive Transitions, International Energy Agency • SIDA Representative <p>Moderator: Dr. Kamugisha Kazaura, Director of Infrastructure and Energy, African Union Commission</p> <p>Summary of the panel: The Opening Panel will bring together High-Level Representatives from Partners supporting energy efficiency in Africa and form part of the African Energy Efficiency Alliance. This is to highlight their commitments, focus areas and ongoing interventions on energy efficiency programs across Africa.</p>
09:50 – 10:40	<p>Session II: Ministerial Panel: Energy Efficiency as the First Fuel for African Development - Perspectives from African Member States</p> <p>Moderator: H.E. Lerato D. Mataboge, Commissioner Infrastructure and Energy, African Union Commission</p> <p>Speakers:</p> <ul style="list-style-type: none"> • H.E. July Moyo, Minister for Energy and Power Development of the Republic of Zimbabwe



	<ul style="list-style-type: none"> • H.E. S.E. MOUSSA HAMADA, Ministre de l’Energie, de l’Eau et des Hydrocarbures of the State of the Comoros • H.E. Mr. Wilmot J. M. Paye, Minister of Mines and Energy of the of the Republic of Liberia • H.E. Makozi Chikote, Minister of Energy of the Republic of Zambia • S.E. Monsieur Robert Koffi Messan EKLO, Ministre des Mines et des Ressources Energétiques, Togolese Republic • S.E. Philippe TONANGOYE, Minister of Universal Access to Water and Energy, Gabonese Republic <p>Summary of the panel: The Ministerial panel will bring together African Ministers to share experiences on ongoing interventions and their outcomes on energy efficiency programs across Africa.</p>		
<p>10:45 – 11:00</p>	<p>Launch of the African Energy Efficiency Alliance</p>		
<p>11:00 – 11:20</p>	<p>Coffee Break + Group Photo + Media Interviews</p>		
<p>11:20 – 12:20</p>	<table border="1"> <tr> <td data-bbox="456 855 928 2022"> <p>Session VI (B): ESCOs and Financing of Energy Efficiency Programmes</p> <p>Moderation and Welcome Remarks: M</p> <p>Elizabeth Wangeci Chege, Energy Efficiency and Cooling Officer (SEforALL)</p> <p>Scene Setting Presentation:</p> <p>Ms. Svetlana Adamek, Advisory Committee Member, Global ESCO Network</p> <p>Panel Discussion</p> <ul style="list-style-type: none"> • Mr. Luc Kevo Tossou, Principal Energy Efficiency and Investment Officer, AfDB • Ms. Svetlana Adamek, Advisory Committee Member, Global ESCO Network • Ms. Elin Mathilda Karlsson, UNIDO • Mr. Thabo Kekana, Deputy Director General at the Department of Electricity and Energy, South Africa </td> <td data-bbox="928 855 1396 2022"> <p>Session III (B): Ministerial Roundtable on Advancing Energy Efficiency as a Priority for Africa</p> <p>Closed-Door Session for All African Ministers and High-Level Representatives from Other Partner Organizations and African Institutions</p> </td> </tr> </table>	<p>Session VI (B): ESCOs and Financing of Energy Efficiency Programmes</p> <p>Moderation and Welcome Remarks: M</p> <p>Elizabeth Wangeci Chege, Energy Efficiency and Cooling Officer (SEforALL)</p> <p>Scene Setting Presentation:</p> <p>Ms. Svetlana Adamek, Advisory Committee Member, Global ESCO Network</p> <p>Panel Discussion</p> <ul style="list-style-type: none"> • Mr. Luc Kevo Tossou, Principal Energy Efficiency and Investment Officer, AfDB • Ms. Svetlana Adamek, Advisory Committee Member, Global ESCO Network • Ms. Elin Mathilda Karlsson, UNIDO • Mr. Thabo Kekana, Deputy Director General at the Department of Electricity and Energy, South Africa 	<p>Session III (B): Ministerial Roundtable on Advancing Energy Efficiency as a Priority for Africa</p> <p>Closed-Door Session for All African Ministers and High-Level Representatives from Other Partner Organizations and African Institutions</p>
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	<ul style="list-style-type: none"> • Mr. Mohamed EL HAOUARI, Director of Renewable Energy and Energy Efficiency, Ministère de la Transition Énergétique et du Développement Durable, Morocco 	
<p>12:20– 13:20</p>	<p>Session IV: Advancing Africa’s Energy Productivity through access to Clean Cooking</p> <p>Keynote Speaker: H.E. Hon. James Opiyo Wandayi, EGH, MP, Cabinet Secretary, Energy and Petroleum of the Republic of Kenya</p> <p>Moderator: IEA</p> <p>Speakers:</p> <p>Philip Mshelbila, Secretary General of the Gas Exporting Countries Forum (GECF)</p>	
<p>13:20– 14:20</p>	<p>Networking Lunch</p>	
<p>14:20– 15:20</p>	<p>Session V: Accelerating Investment and Action to drive efficiency progress towards achieving AfEES Targets through the African Energy Efficiency Facility</p> <p>Presenter and Moderator: Department of Energy and Electricity South Africa</p> <ul style="list-style-type: none"> • Welcome Remarks by the Commissioner Infrastructure and Energy, African Union Commission • Remarks by a High-Level Representative from UNEP <p>Keynote Address: H.E. Dr. Kgosiensho Ramokgopa, Minister of Electricity and Energy for South Africa</p> <p>Presentation of the African Energy Efficiency Facility (AfEEF)</p> <p>Panel Discussion (40 Minutes)</p> <ul style="list-style-type: none"> ▪ Dr. Daniel Scroth, African Development Bank/ Mission 300 (TBC) ▪ Dr. Towela Jere AEEP, Head of Secretariat, Africa-EU Energy Partnership (AEEP) ▪ Dr Zoheir Hamedi, Executive Director, Regional Center for Renewable Energy and Energy Efficiency (RCREEE) ▪ Ms. TRAORÉ Leyla, European Investment Bank ▪ Mr. Kudakwashe (Kuda) Ndhlukula, <i>Executive Director of SACREEE</i> ▪ Dr Zwanani Titus Mathe, Chief Executive Officer, South African National Energy Development Institute (SANEDI) ▪ SIDA ▪ Private Sector 	



<p>15:20 – 16:20</p>	<p>Session VI (A): Smart Buildings and Efficiency</p> <p>Moderation and Welcome Remarks: Edima Okodi-Iyah, GIZ</p> <p>Keynote Presentation: Ms. Elizabeth Chege</p> <p>Status of Energy Efficiency in Buildings Globally and in Africa</p> <p>Panel Discussion</p> <ol style="list-style-type: none"> 1. Mohamed EL HAOUARI, Director of RE/EE division, AMEE, Morocco 2. Mr. Nafaa Baccari, Director General, National Agency for Energy Conservation (ANME) in Tunisia 3. Djibouti GIZ PEEB Cool/ Local low carbon building materials and digital building passport 4. Ministry of Works and Housing of Ghana 5. Mrs. Ngoanathari Maja, Project Manager EEPUS, South African National Energy Development Institute and Industrial Development Corporation (SANEDI) 	<p>Session VI (B): Inter-Regional Energy Meeting</p> <p>Closed session</p> <p><ASEAN Center for Energy (ACE), OLADE, SAAR Center for Energy (SEC) and AFREC></p>
<p>1620– 16:40</p>	<p>Coffee and Networking</p>	
<p>16:45 – 17:45</p>	<p>Session VII (A): Efficiency in the Transmission and Distribution Networks</p> <p>Keynote Presentation: Eng. Abel Didier Tella, Director General, Association of Power Utilities of Africa</p> <p><AUDA-NEPAD and APUA></p>	<p>Session VII (B): High Energy Performing Appliances and Equipment</p> <p>Moderation and Welcome Remarks: Mr. Emmanuel Aziebor, Director for Africa, CLASP</p> <p>Keynote Presentation: Mr. Patrick Blake, U4E Mr. Patrick Blake, U4E</p> <p>Panel Discussion</p> <ol style="list-style-type: none"> 1. Canon Goddy Muhanguzi Muhumuza, Executive Director, EACREEE



		<ol style="list-style-type: none">2. Mme. Mame Coumba NDIAYE, Directeur général chez Agence pour l'Economie et la Maitrise de l'Energie (AEME)3. Mr. Patrick Blake, U4E4. Ms. RAMLI Fairouz, APRUE, Algeria
18:45 onwards	Networking Dinner	

Thursday, December 11, 2025

<p>08:30 – 9:50</p>	<p>Session VIII (A): Spotlight on Energy Efficiency in Federal Democratic Republic of Ethiopia Keynote Speech: Dr. Destaw Mequanint, Director General of Petroleum and Energy Authority of Ethiopia</p> <ul style="list-style-type: none"> • Ministry of Water and Energy of Ethiopia • Petroleum and Energy Authority and Partners 	
<p>9:50 – 10:40</p>	<p>Session VIII (B): Highlight and Launch of the African Energy Transition Strategy and Action Plan Moderator: Mr. Rashid Ali Abdallah, Executive Director, AFREC</p> <p>Welcome Remarks</p> <ul style="list-style-type: none"> • H.E. Lerato D. Mataboge, Commissioner Infrastructure and Energy, African Union Commission • AfDB Representative <p>Keynote Remarks</p> <ul style="list-style-type: none"> • Hon. Nani Juwara, Minister of Petroleum, Energy and Mines of The Gambia <p>High Level Presentation and Launch of the African Energy Transition Strategy and Action Plan and the for The Gambia National Deep Darbonization Pathways (NDDPs)</p> <p>Launch of the ETSAP</p> <ul style="list-style-type: none"> • H.E. Lerato D. Mataboge, Commissioner Infrastructure and Energy, African Union Commission 	
<p>10:40 – 11:00</p>	<p>Coffee Break</p>	
<p>11:00 – 12:00</p>	<p>Session IX(A) Spotlight on the African Energy Efficiency Programme Outcomes Keynote Speech: Mr. Javier Nino Perez, Head of Delegation of European Union to the African Union Scene Setting Presentation: Dimitris PASTEFANAKIS, Continental Coordinator, CEPA</p> <ul style="list-style-type: none"> • Mme Fatou Mbow Ly, Directrice Générale de l'énergie, Senegal • S.E. Dr. Hassan KIBEYA, Ministre des Ressources Minières, Energétiques, de l'Industrie, du Commerce et du Tourisme, Burundi • H.E. July Moyo, Minister for Energy and Power Development, Zimbabwe • H.E. Mr. Makozo Chikote, Minister of Energy 	<p>SESSION X(B) Inaugural Meeting of the AEEA</p> <p>Closed-door session (Targeting the Alliance members)</p> <p><AFREC, Members></p>

	<p>Moderator: Dr. Kamugisha Kazaura, Director Infrastructure and Energy, AUC</p> <p>Summary of the session: The High-Level session will showcase the key messages from the experience in developing and implementing the National Energy Efficiency Strategies in Zambia, Zimbabwe, Burundi, Senegal and Madagascar. It will provide a platform for the representatives from the Member States to highlight their ongoing programmes, national commitments and priorities.</p>	
<p>12:00 – 13:00</p>	<p>Session X(A): Showcasing of Energy Efficiency Programmes within the Regional Centre for Renewable Energy and Energy Efficiency countries</p> <p>Scene Setting Speech/Presentation: Dr Zoheir Hamedi, Executive Director</p> <p>Panel Moderator: Ms Ashanti Mbang, SANEDI</p> <ul style="list-style-type: none"> • Dr. Mawufemo Modjinou, Head of Division for Energy Efficiency and Interim Director of Operations at ECREEE • Mr. Readlay Makaliki, SACREEE • Eng. Denis Ariho, EACREEE • Mr. Hubert Zan, Energy Commission, Ghana • Alaeldin Mohamed, UNIDO 	<p>Session X(B): AFREC and IEA Roundtable on Scaling Clean Cooking Investment in Africa</p> <p>(Closed)</p>
<p>13:00 – 14:00</p>	<p>Networking Lunch</p>	
<p>14:00 – 15:00</p>	<p>Session XI (A): Industrial Energy Efficiency and Productivity</p> <p>Session Chair/Host: Ms. Faith Mkhacwa</p> <p>Keynote Speech: Dr Titus Mathe, Chief Executive Officer, South African National Energy Development Institute</p> <p>Keynote Presentation:</p>	<p>Session XI (B): Enabling Policy and Regulatory Frameworks on Energy Efficiency</p> <p>Moderation and Welcome Remarks: Ms. Sara Elhag Ahmad, Head of Energy Division, AUC/IED</p> <p>Keynote Speech: Mr. Daniel Kiptoo Bargoria, MBS, OGW, Director</p>

	<ul style="list-style-type: none"> • Ms. KARLSSON, Elin Mathilda, UNIDO • HE Sharif Al Olama, Global Energy Efficiency Alliance • Mr Zewge Worku, Petroleum and Energy Authority, Ethiopia • Dr. Eng. Fenwicks Musonye, Deputy Director Energy Efficiency, Energy and Petroleum Regulatory Authority of Kenya • Ms. Faith Mkhacwa 	<p>General, Energy and Petroleum Regulatory Authority, Kenya</p> <p>Scene Setting Presentation:</p> <p>Panel Discussion</p> <ul style="list-style-type: none"> • Mr. James Manda, Technical Director, African Forum for Utility Regulators (AFUR) • Dr. Mustapha Abdullahi, Director General Energy Commission of Nigeria • Ms. Rosa Garcia, Energy Efficiency and Cooling Specialist, SEforALL • Mr. Emmanuel Aziebor, Director for Africa, CLASP • Eng. Denis Ariho, Lead Technical Expert, Energy Efficiency for Sustainable Livelihoods in Africa (EELA)-Regional Project • Mr. Yagouba Traore, AFREC
15:15 – 15:30	Coffee and Networking	
15:30 – 16:30	Session XII: Debate on Energy Efficiency Data in Africa (AFREC, ECREEE, Morocco, Nigeria, South Africa)	
16:30 – 17:30	Closing Session	

D. Languages

The presentations and interventions shall be made in either English or French, with simultaneous interpretation in other languages.

E. Information

For further information on the programme please contact

CONTACT PERSONS

	<p>Mr. Mehdi Khouili Principal Policy Officer Capacity Building and Countries' Support African Energy Commission Email: khouilim@africanunion.org</p>	<p>Eng. Nickson Bukachi Onger Senior Policy Officer Renewable Energy and Energy Efficiency African Energy Commission Email: OngerIN@africanunion.org</p>
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