

# U.S.-Africa Energy Ministerial



June 3-4, 2014

Addis Ababa, Ethiopia

Program Agenda

U.S.-AFRICA ENERGY MINISTERIAL  
'Catalyzing Sustainable Energy Growth in Africa'  
June 3-4, 2014

*On June 3-4, 2014, the Government of Ethiopia and the Government of the United States will co-host the U.S.-Africa Energy Ministerial (AEM) in Addis Ababa, Ethiopia. AEM will focus on the theme of "Catalyzing Sustainable Energy Growth in Africa" and provide a forum for major announcements and commitments that support energy development throughout Africa. The Ministerial will showcase African leadership in energy development, explore strategies and effective practices across Africa and the United States for accelerating development of clean energy sources and adoption of energy efficient technologies, review best practices in oil and gas resource development, and highlight progress on the President Obama's Power Africa Initiative.*

*The AEM is expected to draw minister-level attendance from sub-Saharan African and North African countries, as well as senior U.S. government officials, multilateral development partners, regional and sub-regional African energy organizations, academia, civil society, and U.S. and African private sector leaders. The Ministerial will provide opportunities for government-to-government, government-to-industry, and company-to-company informational exchanges, and networking on topics such as clean energy technologies, increased power generation, rural electrification, regional integration, oil and gas development, policies and regulatory issues, investment opportunities, and financing.*

*The African Energy Ministerial will include panel presentations, high-level plenary sessions, break-out discussions, and a ministers-only meeting. AEM will also feature a U.S.-Africa Energy Expo Center in which U.S. and African companies can highlight their technologies and business solutions.*

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**Monday, June 2, 2014**

12:00 - 19:00     **Participant Registration and Badging**  
*Venue: Ghion Hotel*  
*Stadium around Meskel Square*  
*1643 Addis Ababa, Ethiopia*

18:00 - 20:00     **Evening Reception**  
*Venue: U.S. Embassy, Addis Ababa*  
**Logistics:** *All Ministerial participants are welcome to attend the Evening Reception. Participants' badges will serve as the identification necessary for entrance into the U.S. Embassy.*

**Tuesday, June 3, 2014**

08:45 - 10:30     **Opening Ceremony and Plenary Session - Theme: Catalyzing Sustainable Energy Growth in Africa**  
*Venue: African Union Conference Center, Large Conference Hall*  
*Open Press*

**Opening Ceremony**  
**Cultural Presentation**

*Featured Speaker(s):*

**H.E. Alemayehu Tegenu, Minister of Water, Irrigation, and Energy, Federal Democratic Republic of Ethiopia**

**H.E. Ernest J. Moniz, Secretary of Energy, United States of America**

**H.E. Elham Mahmood Ahmed Ibrahim, Commissioner for Infrastructure and Energy, African Union**

**H.E. Hailemariam Desalegn, Prime Minister, Federal Democratic Republic of Ethiopia**

**Opening Plenary Session**

*Opening Remarks:*

**Dr. Daniel Yergin, Chairman, Cambridge Energy Research Associates**

**The Program for Infrastructure Development in Africa:**

**Mr. Philippe Niyongabo, Head of Energy Division, Department of Infrastructure and Energy, African Union**

**Ethiopia's Energy Sector Development as a Typical African Case**

**Mr. Miheret Debebe, Energy Policy, Strategy and International Relations Advisor, Ministry of Water, Irrigation and Energy, Federal Democratic Republic of Ethiopia**

*The Opening Plenary Session of the U.S.-Africa Energy Ministerial will feature keynote remarks that highlight current global energy trends, examine energy infrastructure requirements and opportunities in Africa, and discuss Ethiopia's energy sector development as an example of a 'typical African case.'*

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10:30 - 10:45      **Coffee Break**  
*Venue: African Union Conference Center, Lobby*  
*Closed Press*

10:45 - 12:45      **Session I: Governance as a Catalyst for Investment and Sustainable Energy Growth**

*Venue: African Union Conference Center, Large Conference Hall*  
*Closed Press*

*Featured Speaker(s):*

**Mr. Paul Hanrahan, CEO, American Capital Infrastructure Management**

**H.E. Isak Katali, Minister of Mines and Energy, Republic of Namibia**

**Mr. Swithin Munyantwali, Executive Director , International Law Institute African Centre for Legal Excellence**

**Mr. Alex Rugamba, Director, Energy, Environment and Climate Change, African Development Bank**

**Mr. Admassu Y. Tadesse, President and CEO, PTA Bank**

**Moderator: Ms. Gayle Smith, Special Assistant to the President and Senior Director at the National Security Council, United States of America**

*Session I will focus on the policy and regulatory reforms that are critical for encouraging investment in energy sector development and infrastructure projects.*

12:45 - 14:15      **Lunch - Upstream Oil and Gas Development**  
*Venue: African Union Conference Center, Multi-purpose Hall*  
*Closed Press*

*Featured Speaker(s):*

**Mr. Jason Bordoff, Director, Center on Global Energy Policy, Columbia University**

**Mr. Marco Caccavale, President and CEO, GE Oil & Gas Africa**

**Mr. Tewodros Ashenafi, Chairman and CEO, SouthWest Energy (HK) Ltd**

**Moderator: Jonathan Elkind, Acting Assistant Secretary, U.S. Department of Energy**

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14:15 - 16:00

**Session II: U.S. Government and Multilateral Tools for Encouraging Energy Financing**

*Venue: African Union Conference Center, Large Conference Hall  
Closed Press*

*Featured Speaker(s):*

**Mr. Jamal Saghir, Director, Sustainable Development, Africa Region, World Bank**

**Mr. Fred Hochberg, Chairman, Export Import Bank of the United States**

**Ms. Leocadia Zak, Director, U.S. Trade and Development Agency**

**Mr. Kamran Khan, Vice President, Department of Compact Operations, Millennium Challenge Corporation**

**Mr. Tim Turner, Director, Private Sector Development, African Development Bank**

**Moderator: Mr. John MacWilliams, Senior Advisor to the Secretary of Energy, U.S. Department of Energy**

*Session II will explore the energy infrastructure financing tools available from the U.S. Government and multilateral development banks. The presentation will focus on how companies and countries can take advantage of these financing tools.*

16:00 - 16:15

**Tea Break**

*Venue: African Union Conference Center, Lobby  
Closed Press*

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16:15 - 18:00      **Concurrent Sessions III, IV, and V**  
*Closed Press*

*Three concurrent sessions will address specific catalysts for sustainable energy growth.*

**Session III: Mini-Grids as a Catalyst for Sustainable Energy Growth**  
*Venue: African Union Conference Center, Medium Conference Hall*

*Featured Speaker(s):*

**H.E. Mamadou Frankaly Keita, Minister of Energy and Hydraulics, Republic of Mali**

**H.E. Charles Muhangwa Kitwanga, Deputy Minister for Energy and Mineral Resources, United Republic of Tanzania**

**H.E. Patrick Sendolo, Minister of Land, Mines, and Energy, Republic of Liberia**

**Dr. Pepukaye Bardouille, Energy Access Lead, Sustainable Business Advisory, International Finance Corporation**

**Mr. Christopher Hornor, Founder and CEO, Powerhive, Inc.**

**Dr. John Agwunobi, Vice Chair, U.S. African Development Foundation Board of Directors, United States of America**

**Moderator: Dr. Kandeh Yumkella, Chairman, United Nations – Energy**

*Session III will provide decision-makers with an understanding of the technical, economic, and policy issues related to mini-grid systems in Africa, as well as a menu of options for scaling up their deployment.*

**Session IV: Energy Efficiency: Saving Energy and Providing Economic and Environmental Benefits**

*Venue: African Union Conference Center, Small Conference Hall 1*

*Featured Speaker(s):*

**H.E. Mohamed Shaker, Minister of Electricity and Renewable Energy, Arab Republic of Egypt**

**Mr. Bah Saho, Renewable Energy Expert, ECOWAS Center for Renewable Energy and Energy Efficiency**

**Mr. Robert Ichord, Deputy Assistant Secretary, U.S. State Department Energy Bureau**

**Mr. Peter du Pont, Vice-President, International Development Consulting, Nexant, Inc.**

**Moderator: Mr. David Sandalow, Inaugural Fellow, Center on Global Energy Policy, Columbia University**

*Session IV will explore how energy efficiency policies, markets, and standards can positively impact residential, commercial, industrial and government-owned buildings. The Panel will showcase successful examples in Africa and explore collaboration opportunities.*

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**Session V: Women and Energy Leadership**

*Venue: African Union Conference Center, Small Conference Hall 2*

*Panelist(s):*

**H.E. Irene Muloni, Ugandan Minister of Energy and Mineral Development**

**H.E. Maimouna Ndoye Seck, Senegalese Minister of Energy**

**Dr. Elham Mahmood Ahmed Ibrahim, Commissioner for Infrastructure and Energy, African Union**

**Ms. Paula Jackson, President, American Association of Blacks in Energy**

**Ms. Bisa Williams, Deputy Assistant Secretary, U.S. Department of State**

**Moderator: H.E. Patricia M. Haslach, Ambassador, Embassy of the United States of America to Ethiopia**

*Session V will explore how women's roles in the energy sector have evolved, and review the experiences of women in energy leadership positions.*

19:30 - 21:30

**Gala Dinner**

*Venue: Sheraton Addis Hotel, Taitu Street, Addis Ababa*  
*Closed Press*

**Wednesday, June 4, 2014**

08:00 - 9:00

**Continental Breakfast**

*Venue: African Union Conference Center, Lobby*  
*Closed Press*

09:00 - 09:30

**Keynote Remarks: Global Energy Trends and Statistics**

*Venue: African Union Conference Center, Large Conference Hall*  
*Closed Press*

*Keynote Speaker*

**Fatih Birol, Chief Economist, International Energy Agency**

**Introductions: H.E. Ernest Moniz, Secretary, U.S. Department of Energy**

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09:30 - 11:00

**Session VI: Power Africa: Progress To-Date and Path Forward**

*Venue: African Union Conference Center, Large Conference Hall  
Closed Press*

*Opening Remarks:*

**Dr. Rajiv Shah, Administrator, United States Agency for International Development**

*Featured Speaker(s):*

**H.E. Chinedu Nebo, Minister of Power, Federal Republic of Nigeria**

**H.E. Davis Chirchir, Secretary of Energy, Republic of Kenya**

**Mr. Fabrice Kermorgant, Vice President, Commercial Operations, General Electric Power and Water**

**Ms. Elizabeth Littlefield, President, Overseas Private Investment Corporation, United States of America**

**Mr. Michael Philipp, Chairman of the Board, Reykjavik Geothermal**

**Moderator: Mr. Andrew Herscovitz, Coordinator, Power Africa and Trade Africa, United States Agency for International Development**

*Session VI will highlight success stories and lessons learned from the Power Africa initiative and its partner countries. The discussion will also review ways in which the Power Africa initiative can grow and evolve.*

11:00 - 11:15

**Coffee Break**

*Venue: African Union Conference Center, Lobby  
Closed Press*

11:15 - 13:00

**Concurrent Panel Sessions VII , VIII and IX**

*Three simultaneous sessions will address specific catalysts for sustainable energy growth.  
Closed Press*



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**Session VII: The Role of Renewable Energy as a Catalyst for Sustainable Energy Growth**

*Venue: African Union Conference Center, Small Conference Hall 1*

*Panelist(s):*

**H.E. Kemel Ben Naceur, Minister of Industry, Energy, and Mining, Tunisian Republic**

**Ms. Gauri Singh, Director of Country Support and Partnerships, International Renewable Energy Agency**

**Dr. Marc van Gerven, Vice President, Global Marketing, First Solar**

**Mr. Mayank Bhargava, Managing Director, NextGen Solawazi**

**Mr. Nachman Isaac, Vice President of Project Finance, Ormat Technologies**

**H.E. Christopher Yaluma, Minister of Mines, Energy, and Water Development, Republic of Zambia**

**Eng. Zelalem Gebrehiwot, Technical Director, East African Power Pool**

**Moderator: Mr. Kenneth Hansen, Partner, Chadbourne & Park, LLP**

*Session VII will discuss the role of renewable energy technology in meeting Africa's energy needs and review best practices for deploying renewable energy projects successfully in Africa. The panel will specifically focus on utilizing solar, wind, and geothermal resources.*

**Session VIII: Natural Gas Development and Utilization as a Catalyst for Sustainable Growth**

*Venue: African Union Conference Center, Medium Conference Hall*

*Featured Speaker(s):*

**H.E. Emmanuel Armarh Kofi Buah, Minister of Energy and Petroleum, Republic of Ghana**

**H.E. Ahmed Messili, Secretary General, Ministry of Energy, People's Democratic Republic of Algeria**

**H.E. Anibel Octávio Teixeira da Silva, State Secretary, Ministry of Petroleum, Republic of Angola**

**Mr. Andrew Fawthrop, Managing Director, Nigeria/Mid-Africa Strategic Business Unit, Chevron**

**Mr. Eric Toumayan, Director, Government Relations, APR Energy**

**Moderator: Mr. Christopher A. Smith, Acting Assistant Secretary for Fossil Energy, U.S. Department of Energy**

*Session VIII will explore both the technical and regulatory aspects of deploying successful gas-to-power projects and discuss gas exports and other gas utilization projects in Africa. Session VIII will discuss the merits of gas-to-power in countries with established gas production as well as those on the cusp of production.*

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**Session IX: Improving Grid Reliability with Regional Networks and Smart Grid Applications**

*Venue: African Union Conference Center, Small Conference Hall 2*

*Featured Speaker(s):*

**Mr. Alison Chikova, Chief Engineer, Southern African Power Pool**

**H.E. Monsieur Désiré Guedon, Minister of Energy and Hydraulic Resources, Gabonese Republic (i)**

**H.E. Dammipi Noupokou, Minister of Mines and Energy, Togolese Republic**

**Moderator: Mr. Abel Didier Tella, Director General, African Power Utilities Union**

*Session IX will highlight regional African efforts to improve electricity grid services throughout Africa, as well as the role of Smart Grid applications for raising grid resiliency.*

13:00 - 14:30

**Energy-Water Nexus Lunch**

*Venue: African Union Conference Center, Small Conference Hall 2*

*Featured Speaker(s):*

**H.E. Ernest J. Moniz, Secretary of Energy, United States of America**

**H.E. Abdelkader Aamara, Minister of Energy, Mines, Water, and Environment, Kingdom of Morocco**

14:30 - 16:00

**A Ministers' Closed Door Discussion will take place at the same time as Session X**

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14:30 - 16:00     **Session X: Empowering the Next Generation: Connecting African Nations and the United States through Technical Instruction and Exchanges**

**A Minister's Closed Door Discussion will take place at the same time as Session X**

*Venue: African Union Conference Center, Small Conference Hall 1*

*Closed Press*

*Brief Opening Remarks:*

**H.E. Anibal Silva, Secretary of State for Petroleum, Republic of Angola**

*Featured Speaker(s):*

**Dr. John J. Qu, Director, Global Environment and Natural Resources Institute, George Mason University**

**Dr. Yonas Chebude, Addis Ababa University**

**Dr. Subramania I. Sritharan, Dean and Professor of Water Resources Management and Environmental Engineering, College of Science and Engineering, Central State University**

**Dr. Olugbemiga Olatidoye, Coordinator, Dual Degree Engineering Program, Clark Atlanta University**

**Mr. Kevon Makell, President and CEO, SEWW Energy**

**Mr. Barry Worthington, Executive Director, United States Energy Association**

**Moderator: Ms. LaDoris "Dot" Harris, Director, Office of Economic Impact and Diversity, Department of Energy, United States of America**

*Session X will highlight the positive role that partnerships among U.S. and African universities, governments, and the private sector can play in energy sector technical capacity-building. The panel will explore skills needed to successfully develop energy resources and best practices for creating and implementing successful technical exchange programs.*

16:00 - 17:00     **Closing Plenary**

*Venue: African Union Conference Center, Large Conference Hall*

*Open Press*

**Moderator: Ms. Gayle Smith, Special Assistant to the President and Senior Director at the National Security Council, United States of America**

*Featured Speaker (s)*

**H.E. Ernest J. Moniz, Secretary of Energy, United States of America**

**H.E. Alemayehu Tegen, Minister of Water, Irrigation, and Energy, Federal Democratic Republic of Ethiopia**

**Dr. Daniel Yergin, Chairman, Cambridge Energy Research Associates**

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