Day 2 - Tuesday, May 23, 2017

08:30 - 09:00 Registration & networking

09:00 - 09:30 Keynote Speaker
Mr Rojas Manyame, First Vice-President, African Electrotechnical Standardization Commission (AFSEC)
Accelerating sustainable electricity access in Africa and the role of LVDC and Standards

09:30 - 11:00 Session 4 - Technological solutions
LVDC platform & system functionality, design and technology
Session Chair: Mr Brian Patterson, President, EMerge Alliance
Mr Ram Ramarathnam, Chairman, Basil Energetics Private Ltd, India
Smart microgrid rooftop solar system with DC appliances
Mr Hannes Kirchhoff, Technische Universität Berlin, Germany
Taking the multi-tier framework further - a technology assessment layer
Mr Leon Drotsche, AFSEC TC 82 Chair and AFSEC Management Committee member, South Africa
Opportunities of implementing DC microgrids for electricity access in Africa
Mr Sam Grant, CLASP, Lead, East Africa
How Energy Efficiency and quality enable markets for LVDC appliances

11:00 - 11:30 Coffee break

11:30 - 13:00 Closing session
Key conclusions from the conference - next steps - wrap up
Session Chair: Mr Vimal Mahendru, Conference Chair and IEC Ambassador
Closing speeches:
Mr Paul Johnson, National Committee Secretary for the South African National Committee of IEC and AFSEC
Mr Stanslaus Alwyn Masinza, Accreditation Manager, Kenya Accreditation Service
Mr Gennaro Ruggiero, Systems Technical Officer, IEC
Mr Brian Patterson, President, EMerge Alliance
Closing remarks by hosts IEC and KEBS
Day 1 - Monday, May 22, 2017

08:00 - 10:00  Registration

10:00 - 11:00  Inauguration ceremony
   M.C.:  Ms Evah Oduor, IEC Coordinator for Africa
   Opening speeches:
   Mr Vimal Mahendru, Conference Chair and IEC Ambassador
   Mr Cyrus Shimwadi Khalusi, President of the IEC National Committee Kenya
   Mr Charles Ongwae, Managing Director, Kenya Bureau of Standards
   Dr Junji Nomura, IEC Immediate Past President
   Dr Joseph Njoroge, Principal Secretary of Ministry of Energy and Petroleum

11:00 - 11:30  Coffee break

11:30 - 13:00  Session 1 - Defining electricity access
   Harmonized definition in view of developing LVDC International Standards for electricity access
   Session Chair: Mr Paul Johnson, National Committee Secretary for the South African National Committee of IEC and AFSEC
   Mr Abdoulaye Oueddo, African Energy Commission (AFREC), Ethiopia
   AFREC: Electricity access
   Mr Nana Asamoah-Manu, Programme Lead of the IFC/ World Bank Lighting Africa, Kenya
   Lighting Africa and the challenge of increasing household energy access via off-grid solar solutions
   Mr Joseph Odongo Oketch, Director Electricity, Energy Regulatory Commission, Kenya
   Facilitating electricity access through regulations
   Mr Abdullah Emhemed, Senior Research Fellow, University of Strathclyde, UK
   Survey of LVDC activities, markets and standardization

13:00 - 14:00  Lunch

14:00 - 15:30  Session 2 - Financial aspects of electricity access
   How can it be financed? Funding electricity access programmes
   Session Chair: Mr Stanslaus Alwyn Masinza, Accreditation Manager, Kenya Accreditation Service
   Mr Ravinder Sikand, Senior Partner, Energy Access Ventures (EAV), Kenya
   Financing energy access projects
   Mr Isaac Kiva, Director of Renewable Energy, Ministry of Energy & Petroleum, Kenya
   Financing electricity access in Kenya
   Ms Marilena Lazopoulou, Rural electrification specialist, Alliance for Rural Electrification (ARE), Africa Region, Kenya
   Understanding economics of rural electrification projects based on intermittent energy sources
   Mr Lais Lona, Business Development Africa, SunFunder, GOGLA, Tanzania
   Financing the off-grid sector: An overview of sector growth, challenges, and opportunities

15:30 - 16:00  Coffee break

16:00 - 17:30  Session 3 - Project implementation
   What is the reality on the ground? Gap between assumptions and reality
   Session Chair: Mr Gennaro Ruggiero, Systems Technical Officer, IEC
   Mr Kartik Wahi, Co-founder & Director, Claro Energy Private Ltd, India
   An electricity access practitioner’s perspective: lessons from the ground in India
   Mr Geoffrey Ronoh, Director, Strathmore Energy Research Centre (SERC), Kenya
   Grid-tie solar photovoltaic system in Strathmore
   Mr Rajeev Sharma, ETD Head, Bureau of Indian Standards (BIS), India
   DC microgrids for electricity access – Indian experience and way forward
   Mrs Laurencia K. Njagi, Senior Energy Specialist, Energy & Extractives, The World Bank, Kenya
   Promoting effective electrification in Africa - recent experience from implementation of electrification approaches

18:30 - 22:00  Conference dinner