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africa energy forum

11 - 14 JUNE 2019 • LISBON

PRE-FORUM DAY: MONDAY 10TH JUNE | **THE AFRICA CHALLENGE CUP**



the innovation theatre

08:00-09:00	Registration, Networking and Morning Coffee
09:00-09:05	EnergyNet Welcome Remarks: Karmen Tornius, Programme Manager, EnergyNet
09:05-10:15	<p>Panel: Tech Talks: Enabling Energy Storage in the Context of Growing Economies – Preparing for the ‘Storage Boom’</p> <hr/> <p>As technology races ahead in the battery storage sector what is possible in the next 5 years on the continent and what foundations can developers and utilities be laying in preparation for the ‘storage boom’</p> <ul style="list-style-type: none"> • Implementing and operating storage technology: should the emphasis be on the private or public sector? • Should public sector invest in battery storage in parallel with transmission expansion and upgrades? • With technology moving so fast, when is the right time to introduce storage based solutions and what are the regulatory considerations to lay the foundations for success? • What can be the medium to long term impact of storage applications on public utility balance sheets? <hr/> <p>Presentation: Distributed Energy Storage – Lessons Learnt from Demonstration Projects in Europe and Potential for Replicability in Micro/Mini Grid Projects in African Countries Presenter: João Gonçalves Maciel, Managing Director, EDP Centre for New Energy Technologies Moderator: Paulina Iyambo, Senior Manager: Energy Trading, NamPower, Namibia Speakers: Stuart Michie, Digital Lead, Southern Africa, ABB Bart Boesmans, Head of Strategy, Technology and Business Performance, ENGIE Africa Cornelius Matthes, CEO, Kuwekeza Holdings Jean-Baptiste Behaghel, Director BlueStorage, BlueSolutions João Gonçalves Maciel, Managing Director, EDP Centre for New Energy Technologies</p>
10:15-10:45	Break
10:45-11:45	<p>Roundtable: Financing Storage Solutions & Grid Stability</p> <hr/> <p>Global pipeline for utility-side energy storage has doubled in the past few years – how to raise new capital to finance efficiency driven innovation? How can public and private sector collaborate to bring storage solutions to the market?</p> <ul style="list-style-type: none"> • What are the preconditions for investment in Energy Storage Systems in Africa? • Which lessons can be learned from developed markets across the globe? • Are there international funding mechanisms in place to support plugging in battery storage? Is climate funding an option? <p>Moderator: Lisa Pinsley, Director: Energy, Actis Participants: David Muthike, Strategy and Innovation Director, KenGen, Kenya Mark Moreton, Sales Director EMEA, NEC Energy Solutions Vishwanathan Iyer, Head of Business Development, Hybrid & Energy Storage, Sterling & Wilson Dany Vardi, Principal Investment Officer - Africa Infrastructure Department, IFC</p>

11:45-12:00	Break
12:00-13:00	<p>Panel: Tech Talks: Micro-Clusters for Off the Grid Energy Development</p> <hr/> <p>By introducing multi-site project clusters including universities, schools and hospitals, Rural Electrification Agencies are creating scale and increasing bankability. Which technologies are right for smaller scale energy usage?</p> <ul style="list-style-type: none"> • In price sensitive environments which technologies provide the right balance between cost and reliability? • Managing decentralised storage and implications for mini-grids • REAs – How scaling off grid is promoting the potential for storage and private sector participation <hr/> <p>Scene Setting Presentation: Stable Energy for Economic Development – Storage Projects for Health and Education Presenters: Dimitrios Triantafyllopoulos, Project Director, METKA Anita Otubu, HoD Special Projects, Nigeria Rural Electrification Agency (NREA), Nigeria Moderator: Klaudine Wakasa, Africa Senior Regional Commercial Officer - Clean Technologies, Global Affairs Canada Speakers: Dimitrios Triantafyllopoulos, Project Director, METKA Anita Otubu, HoD Special Projects, Nigeria Rural Electrification Agency (NREA), Nigeria Sam Slaughter, CEO and Co-Founder, PowerGen Renewables Evan Rice, Director, Energy Products Sales, EMEA, Tesla Andreas Paul, Strategic Business Development Manager EMEA, Trojan Battery Company</p>
13:00-14:00	Networking Lunch
14:00-15:30	<p>Storage Technology: Product Showcase of Innovative Storage Based Technologies by World’s Leading Companies</p> <hr/> <p>An opportunity for utilities and developers to learn more about the companies at the cutting end of storage innovation:</p> <ul style="list-style-type: none"> • 3-5 minute elevator pitches showcasing battery storage and associated technologies <hr/> <p>Presenters: Stuart Michie, Digital Lead, Southern Africa, ABB Mikhail Nikomarov, CEO and Co-founder, Bushveld Energy Guluma Megersa, Technical Sales and Business Development Manager - Off-grid Sales, SMA Evan Rice, Director, Energy Products Sales, EMEA, Tesla Daniel Günther, Senior Sales Engineer, Microgrid & Storage Solutions, Aggreko Madina Mukhanova, Market Manager, Fluence – A Siemens and AES Company Gio Hwang, Director of Global Sales & Business Development, Doosan GridTech Giuseppe Artizzu, Executive Director – Global Strategy, ENGIE EPS</p>
15:30-16:00	Break
16:00	Special Interest Focus Group



DAY 2 – THURSDAY 13 JUNE 2019 –
ENERGYNET STUDENT ENGAGEMENT INITIATIVE (ESEI) –
WORKSHOPS

08:00-09:00	Registration, Networking and Refuelling Morning Coffee	
09:00-10:15	<p>Panel: Capacity Building – Investing in Human Capital for a Sustainable Industry</p> <ul style="list-style-type: none"> Energy and education nexus – how does access to modern energy impact human development and socio-economic growth Intersections of productive use, increasing end-use demand, income generation – a business case <p>Moderator: Drsane Kaffa, Founder, 4.0solutions</p> <p>Participants: Abel Didier Tella, Director General, Association of Power Utilities of Africa (APUA) Jan Rieche, Global Head of Energy, Storage & Environment, Polyglot Dr Sam Kamuriwo, Associate professor & Reader in strategy, Cass Business School, City University of London Jonathan Amoako-Baah, Chief Executive Officer, GRIDCo, Ghana</p>	
10:15-10:45	Networking Coffee	
10:45-11:45	<p>ESEI Student Workshop: Hosted by </p> <p>For the World's Great Energy Transition</p>	
11:45-12:00	Session Switch Over	
12:00-13:00	<p>ESEI Student Workshop: Hosted by </p> <p>Least-cost Solutions of connecting people between on-grid, mini-grid and off-grid, with the objective to accelerating the electrification rate in Africa</p>	
13:00-14:00	Networking Lunch	
14:00-15:00	<p>ESEI Student Workshop: Hosted by FASKEN</p> <p>The workshop will focus on the common financing options available to sponsors and developers for funding capital-intensive energy projects in Africa. We will discuss the internal and external sources of funding and how best to structure the funding for a project of this nature</p> <p>Presenter: Katy Kay, Partner, Fasken, South Africa</p>	
15:00-15:30	Networking Coffee	
15:30-16:30	ESEI Student Workshop	
16:30	CLOSE	

DAY 3 – FRIDAY 14 JUNE 2019 – UNIVERSITY CHALLENGE

Hosted By Cross-border Information (Cbi)



07:30-08:00	Registration and Networking Morning Coffee
	<p>aef University Challenge</p> <p>A major new initiative to bring together students from different countries across the continent is 'The aef University Challenge' which will give ESEI students from Nigeria, Ethiopia, Egypt, South Africa and Senegal the opportunity to be crowned '2019 University Challenge Champions'.</p> <p>With two semi-finals and a final, the 2019 champions will go on to defend their crown aef2020 in Barcelona.</p> <p>Quizmaster: Jon Marks, Chairman, Cross-border Information</p>
09:00-09:30	<p>University Challenge Heat 1</p> <ul style="list-style-type: none"> First 2 teams compete
09:30-10:00	<p>University Challenge Heat 2</p> <ul style="list-style-type: none"> Second 2 teams compete
10:00-10:15	Session Switch Over
10:15-10:45	<p>University Challenge – Final</p> <ul style="list-style-type: none"> The 2 finalists compete
13:20	Farewell Lunch

