

MINISTRY OF PETROLEUM, ENERGY AND DEVELOPMENT OF RENEWABLE ENERGIES, CÔTE D'IVOIRE



HELD UNDER THE PRESIDENCY OF HIS EXCELLENCY THIERRY TANOH, MINISTER OF PETROLEUM, ENERGY AND Development of Renewable Energies, Côte d'Ivoire

Δ 26-27 JANUARY 201 7 ABIDJAN, CÔTE D'IVOIRE

# **POST SUMMIT REPORT**



Sofitel Abidjan Hôtel Ivoire

PROMOTING CROSS-BORDER CO-OPERATION AND REGIONAL INTEGRATION

Summit

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Powering Africa: the Executive Dialogues

## **THANK YOU**



Dear Colleagues,

It was great to see you in Abidjan last January.

Held under the presidency of His Excellency Thierry Tanoh, the Regional Energy Co-operation Summit (RECS) gathered more than 250 distinguished participants from national governments, regional institutions, DFIs, power developers and technology providers, united in their collective aspiration to share their experiences to drive forward energy access and achieve regional integration. Energy and infrastructure development is a catalyst for growth and regional co-operation plays a critical role in accelerating economic growth and reducing poverty.

With a growing population of over 334.6 million people, ECOWAS member states represent about one third of sub-Saharan Africa's total population. According to the UN Chronicle, only about 42% of the total population in West Africa has access to electricity; in rural areas the average is about 8 per cent, and it can be as low as 1 per cent in countries such as Sierra Leone or Guinea.

In order to address energy shortages and support their economic and industrial growth, national governments have introduced new plans to scale up both power generation and distribution, while regional institutions such as ECOWAS, WAPP, ERERA and APUA have already rolled out their regional road map to overcome barriers in transmission and regional infrastructures. RECS provided valuable insights into the potential for regional energy collaboration across the West African region. The increasing cooperation among North and West Africa has been highlighted by the participation of the Kingdom of Morocco at the highest level, including His Excellency Ambassador Abdelmalek Kettani, the Moroccan Energy Federation, Akwa Group, l'ONEE, l'ONYHM and Attijariwafabank Bank, which showcase the leading role of the Kingdom as new driver of growth and development in the continent as it is exporting its business experience and provides private capital to invest in energy and infrastructure projects.

Given that EnergyNet has recently launched the North & West Africa portfolio of meetings, opportunities in these regions will be further explored at the 19th annual Africa Energy Forum in Copenhagen this year in the regional West Africa panel discussion. The Forum will also feature dedicated sessions honing in on Nigeria, Ghana, Morocco, Egypt and Cote d'Ivoire. Other upcoming meetings in the portfolio include **Powering Africa: Nigeria** (September 2017), the **Africa Renewable Energy Forum** and **Morocco: Gas Options** (Marrakech, November 2017), and last but not least, the 2<sup>nd</sup> **Regional Energy Co-operation Summit** in Abidjan in January 2018.

If you are interested to be involved as a sponsor or speaker to showcase live projects, major investments or your industry perspectives specifically focused on the West & North Africa regions, please do not hesitate to get in touch with us.

We are looking forward to seeing you again in 2018!

VALERIA M. ARUFFO

Regional Manager: West Africa, EnergyNet

Best regards,

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His Excellency Thierry Tanoh, Minister of Petroleum, Energy and Development of Renewable Energies, Côte d'Ivoire

**H.E. Honourable Patrick Sendolo,** Minister of Lands, Mines and Energy, **Liberia** 

Ambassador Abdelmalek Kettani, Ambassador of His Majesty the King of Morocco in Côte d'Ivoire

Spéro Mensah, President, Africa Power Group, former Minister of Energy, Benin

Bangoura Morlaye, Commissioner in charge of Energy and Mines, ECOWAS

Siengui Ki, Executive Secretary, West Africa Power Pool

Abel Didier Tella, Director General, Association of Power Utilities of Africa (APUA)

Sabati Cissé, National Director of Energy, National Directorate of Energy, Côte d'Ivoire

Amidou Traoré, Chief Executive Officer, Société des énergies de Côte d'Ivoire (CI-ENERGIES)

Hippolyte Ebagnitchie, Managing Director, National Regulatory Authority for the Electricity Sector (ANARE)

Serge Ahoussou, Director of Studies and Planning, Société des énergies de Côte d'Ivoire (CI-ENERGIES)

Norbert N'Koran, Director of Energy Efficiency and Renewable Energies (DMEER), Ministry of Petroleum, Energy and Development of Renewable Energies, Côte d'Ivoire

Thomas Camara, Director General, Ivorian Refining Company (SIR)

Jean-Baptiste Ki, Technical Counsellor of H.E. Prof. Alpha Oumar Dissa, Minister of Energy, Mines and Quarries, Burkina Faso

Abdessamad Saddouq, Director of Participations and Partnerships, National Office for Electricity and Potable Water (ONEE), Morocco

Paule Marie A. Sagna Lakh, Secretary General, Regulatory Commission for the Electricity Sector (CRSE), Senegal

Ifey Ikeonu, Former Chairperson, ECOWAS Regional Electricity Regulatory Authority (ERERA)

Ade Audifferen, Business Development Manager, Wärtsilä Energy Solutions

Alex Douglas, Head of Business Development, West Africa, Globeleq

Alexander Sarac, Partner, Berwin Leighton Paisner

Ana Hajduka, Founder & Chief Executive Officer, Africa GreenCo

André Dippenaar, Chief Finance Officer, BioTherm Energy

Bernhard van Meeteren, Senior Investment Officer, FMO

Cassandra Colbert, Resident Representative in Cote d'Ivoire, International Finance Corporation

Crispin Holliday, Commercial Director, Aldwych International

Cuneyt Uygun, Chief Executive Officer and Board Member, Aksa

Damien Ricour-Dumas, Managing Director, Total Côte d'Ivoire SA

Daniel-Alexander Schroth, SE4ALL Africa Hub Coordinator, African Development Bank

David Bowers, Vice President, Investments, Africa Finance Corporation

Georgios Pantoulis, Head of Sector – Energy, European Commission

Kader Hassane, Investment Director, GreenWish Partners

Kweku Awotwi, Principal, Africa Power Systems Management

Leopoldo Lopez Morales, Sales Manager, Karpowership

Luc Aye, Managing Director, Azito Energie

Mahamane Sow, Director General, EDF Côte d'Ivoire

Matthias Adler, Head of Division, Infrastructure, Financial Sector West Africa, KfW

Nathalie Weisman, SE4All Coordinator, ECOWAS Centre for Renewable Energy and Energy Efficiency (ECREEE)

Philippe Miquel, Chief Executive Officer, Western & Central Africa, ENGIE

Rachid Idrissi Kaitouni, President, Moroccan Energy Federation

Ransome Owan, Group Managing Director, Aiteo Power, Infrastructure & Real Estate

Romain Py, Head of Transactions, African Infrastructure Investment Managers (AIIM)

Samuel Olukayodé Batcho, National Coordinator, Millennium Challenge Account Benin II

Segun Osuntokun, Partner, Berwin Leighton Paisner

Songo Barango, Operations Superintendent, West African Gas Pipeline Company (WAPCo)

Stephen Trickett, Senior Contracts Director, Group Five Power International

Subha Nagarajan, Managing Director, Africa, Overseas Private Investment Corporation (OPIC)

**Taylor Ruggles,** Regional Energy Counselor for Africa, **US State Department and Power Africa** 

Wale Shonibare, Director - Energy Financial Solutions, Policy and Regulation, African Development Bank

#### THIS REGIONAL SUMMIT GAVE US THE OPPORTUNITY FOR NETWORKING WITH ENERGY SPECIALISTS, LEADERS AND OFFICIALS WITH THE ONLY CONVICTION: THIS IS TIME FOR IMPLEMENTATION OF THE BEST SOLUTIONS FOR BETTER ENERGY ACCESS IN THE REGION.

ABEL DIDIER TELLA, Director General, Association of Power Utilities of Africa (APUA)



## **COMPANIES WHO ATTENDED**

• Mitsubishi Turbocharger and Engine Europe B.V.

Overseas Private Investment Corporation

Regulatory Commission for the Electricity Sector

Regulatory Commission for Electricity

Reichmann Intuit Projects Limited

Shell International Renewables

• SIR (Société Ivoirienne de Raffinage)

• Société Ivoirienne de Banque (SIB)

SHIKUN – BINUI Energy

and Water and African Forum of Utility

• Mizuho Bank Ltd

ONEE Marrakech

• ONG Action Environment Plus

• Platinum Power Cote D'Ivoire

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• Sage Petroleum Limited

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Orabank

Phanes Group

PowerPHASE LLC

PPDU/ECOWAS

Regulators

SEDEP Sarl

• Senelec

SGS CI

Sidam

• SNI

SNPECI

Sofreco

Socomelec

• SunFunder Inc.

Ubuntu Capital

Valorem

• Vestas

• Voltalia

Tekfen Construction

• The Ouantum Group

TOTAL Côte d'Ivoire

• U.S. Department of State

• Voith Hydro GmbH & Co KG

Vortex Technologies Services

• West African Gas Pipeline Company Limited

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(WAPCo)

Siemens

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NSIA

- Africa Finance Corporation (AFC)
- Africa GreenCo
- Africa Power Systems Management
- Africa Export Import Bank
- Africa Independent
- African Legal Support Facility
- Afriquia Gaz/Pool Gaz du Group Akwa
- AIIM
- Aiteo Power, Infrastructure & Real Estate
- Akin Gump Strauss Hauer & Feld LLP
- AKSA
- Aksa Energy Ghana
- Akuo Energy Africa
- AI Nowais Investments
- Aldwych International Ltd
- Ambassade du Royaume Maroc
- AMEA Power
- APUA (Association of Power Utilities of Africa
- ARIS Advanced Research & Intelligence Services
- Attijari Finances Corp.
- AVENI-RE
- AVENTO Conseils
- AXA Africa Specialty Risks
- AZITO
- Bank of Africa Côte d'Ivoire
- Banque Africain Development
- Banque Atlantique
- Baylis
- BEC BTP SARL
- Benin Electric Distribution Company
- Berwin Leighton Paisner
- Bile Aka, Brizoua –Bi & Associates
- BIO Beligian Investment Company for Developing Countries
- Bollore Logistics
- Bouygues Energies & Services
- Brooke Chambers
- Bureau of Energy Resources
- Bureau Veritas Cote D'Ivoire
- Bureau Veritas Marine & Offshore
  Biotherm
- C5P
- CEDEAO ECOWAS
- CENIT Energy Limited
- CEPICI (Investment Promotion Agency in
- CI)
- Channels Television Corporate
- CHINT Electric Co. Ltd
- CIE (Compagnie ivoirienne d'électricité)
- CI-ENERGIES
- CIINVEST (Côte d'Ivoire Investments)
- Clarke Energy
- CONCO Power Projects Ghana Limited

ORDER CO-OPER

- Contour Global Services Africa
- Dentons Europe AARPI
- Deutsche Gesellschaft fur International Zusammenarbeit (GIZ)
- Diamond Bank
- DIGINET ENGINEERING Ltd
- Eaglestone Advisory
- Eburnietoday.com
- ECOWAS Commission
- ECOWAS Regional Centre for Renewable Energy and Energy Efficiency (ECREEE)
- ECP InvestmentsECREEE
- EDF
- EGNON Consulting
- EleQtra Ltd
- Embassy of the United States of America
- Enel Green Power
- Energy Transfo
- Eranove
- ESMG Engineers (Ivoirian Petroleum Engineers Association)
- Etude de Maître
- Expertise France
- Fichtner GMBH & Co KG
- FMO
- Foxtrot International
- GAGE
- General Electric
- Globeleq
- GreenWish Partners
- GRIDCo
- Group Five
- Groupe SIDAM
- IFU
- Iltekno Ileri Teknoloji Muehendislik ve Tic. A.S
- International New York Times
- Interplast
- IPWI
- Ivoircontinental.info
- Jinko Solar
- Karpowership
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- Manitoba Hydro International Ltd
- Martifer Solar
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  - Meridiam Infrastructure Africa
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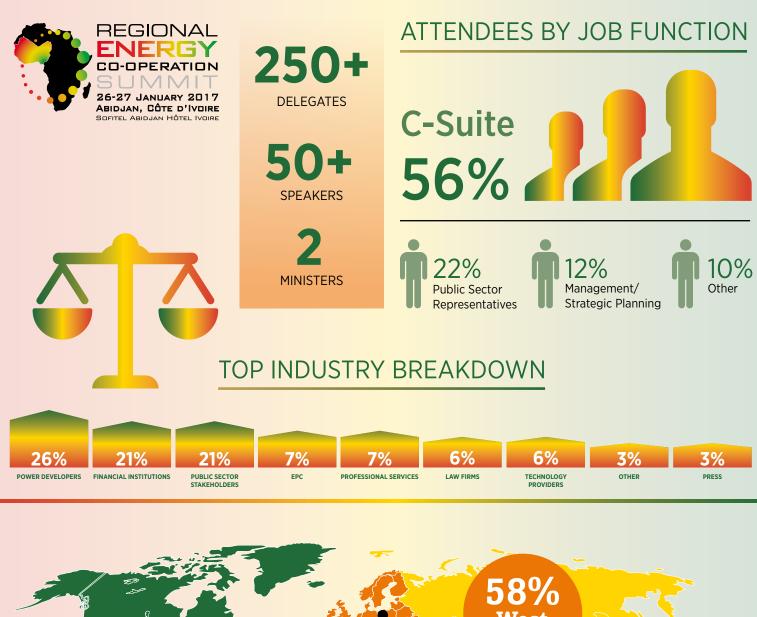
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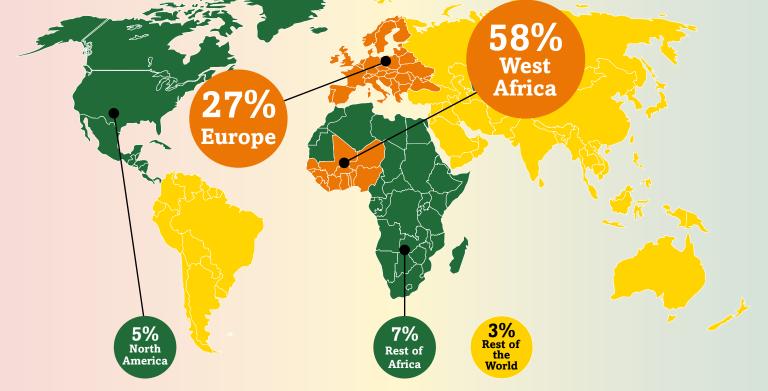
Millennium Challenge Corporation

Ministry of Petroleum and Energy
 <u>Mitsubishi Corporation</u>

• Ministere Du Petrole, De L'energie, Et Du

Development Des Energies Renouvelables







## **AZITO POWER PLANT SITE VISIT - 27TH JANUARY 2017**



## **Exclusive site visit of the Azito Power Plant, privately hosted by** Image: State of the Azito Power Plant, privately hosted by Image: State of the Azito Power Plant, privately hos

On the final day of the summit, a group of delegates was taken to the Azito power plant to find out more about one of the most modern, efficient power plants in West Africa, providing 25 percent of Côte d'Ivoire's electricity capacity.

The Azito power plant is located close to Abidjan, the Ivorian capital, 6 kilometres from the port. The plant has been in operation since 1999. The original simple cycle facility of 290 MW has been converted to a 430 MW CCGT power plant via the addition of a condensing steam turbine, which are powered by the gas turbines' exhaust heat. This has increased electricity output by almost 50 percent, with no incremental gas consumption. In addition to increased energy efficiency, CCGT technology also reduces emissions.

It was a hugely successful sight-visit, thoroughly enjoyed by over 40 attendees. The site-visit also provided a fantastic opportunity for Globeleq and Azito to showcase this hugely important project for Cote d'Ivoire, and outline future plans.





## AGENDA

#### **PRE-SUMMIT NETWORKING DAY - WEDNESDAY, 25 JANUARY 2017**

17:30 - 20:00 Pre-Summit Registration and Networking Drink Reception, At the Sofitel Abidjan Hôtel Ivoire

#### DAY 1 - THURSDAY, 26 JANUARY 2017

09:00 - 09:55	Registration & Coffee
09:55 - 10:00	ENERGYNET WELCOME REMARKS: Valeria M. Aruffo, Regional Manager: West Africa, EnergyNet
	Ministerial Opening Ceremony
10:00 - 10:15	KEYNOTE ADDRESS: H.E. Honourable Patrick Sendolo, Minister of Mines, Lands and Energy, Liberia
10:15 – 10:30	KEYNOTE ADDRESS FROM THE PRESIDENT OF THE CEREMONY: <b>His Excellency Thierry Tanoh,</b> Minister of Petroleum, Energy and Development of Renewable Energies, <b>Côte d'Ivoire</b>
10:30 – 10:35	Networking Break
10:35 – 10:45	KEYNOTE ADDRESS: <b>Amadou Hott,</b> Vice President, Power, Energy, Climate and Green Growth, AfDB <b>represented by:</b> Wale Shonibare, Director - Energy Financial Solutions, Policy and Regulation, African Development Bank
10:45 – 10:55	KEYNOTE ADDRESS: Marcel Alain de Souza, President of the Economic Commission Of West African States (ECOWAS), represented by Bangoura Morlaye, Commissioner in charge of Energy and Mines, ECOWAS
10:55 – 11:05	OPENING PRESENTATION: STATUS OF PRIORITY PROJECTS AND THE ESTABLISHMENT OF THE REGIONAL ELECTRICITY MARKET Presenter: <b>Siengui Ki, E</b> xecutive Secretary, <b>West Africa Power Pool</b>

#### 11:05 – 12:30 HIGH-LEVEL ROUNDTABLE: REGIONAL CO-OPERATION AND POWER DELIVERY – INTERCONNECTING WEST AFRICA

During this session the heads of West African utilities and regulatory authorities had an open discussion with developers and investors on highlighting successful projects, as well as presenting live projects seeking investments. Discussions focused on how regional collaboration in regards to power and infrastructure development can benefit West Africa's power sector.

· Setting an agenda for cross-border energy trade

- Identifying priority areas for investments in transmission and distribution infrastructures
- · North-West Africa co-operation: sharing experiences and building new partnerships to drive forward energy and infrastructure projects development

Chairperson: Kweku Awotwi, Principal, Africa Power Systems Management

Participating Ministers and Ambassadors: **H.E. Honourable Patrick Sendolo**, Minister of Lands, Mines and Energy, **Liberia Ambassador Abdelmalek Kettani**, Ambassador of His Majesty the King of Morocco in **Côte d'Ivoire** 

Participants: Bangoura Morlaye, Commissioner in charge of Energy and Mines, ECOWAS

Abel Didier Tella, Director General, Association of Power Utilities of Africa (APUA)

Siengui Ki, Executive Secretary, West Africa Power Pool

Sabati Cissé, National Director of Energy, National Directorate of Energy, Côte d'Ivoire

Amidou Traoré, Chief Executive Officer, Société des énergies de Côte d'Ivoire (CI-ENERGIES)

Hippolyte Ebagnitchie, Managing Director, National Regulatory Authority for the Electricity Sector (ANARE)

Samuel Olukayodé Batcho, National Coordinator, Millennium Challenge Account Benin II

Paule Marie A. Sagna Lakh, Secretary General, Regulatory Commission for the Electricity Sector (CRSE), Senegal

## 12:30 – 13:30 PANEL DISCUSSION: THE PIVOTAL ROLE OF GAS IN REGIONAL DEVELOPMENT – COULD AN ECOWAS IPP PROCUREMENT PROGRAMME BE THE FUTURE?

The gas industry across West African countries can transform regional economic development and infrastructure investment, so promoting international gas programmes whilst developing the 'Gulf of Guinea' resources is crucial. Here stakeholders including IOCs, independent power producers, developers and utilities discussed the future of Gas IPPs in powering regional economies and creating long-term international partnerships

- Is ECOWAS ready for a regional Gas IPP Programme?
- With an abundance of local gas, the majority of which is exported, what is the most effective model to support an industrial capacity building programme?
- The global index for gas has shifted massively in the last five years meaning a number of nations have lost their competitive advantage. With the possibility of a Gas IPP programme acting as an anchor for dollars' worth of investment of climate, bilateral and multilateral investment, how important could a regional IPP Programme which has never been achieved before be for ECOWAS?
- Could an ECOWAS Gas IPP Procurement Programme trigger a renewable energy revolution across the region?

#### Moderator: Segun Osuntokun, Partner, Berwin Leighton Paisner

Speakers: Bangoura Morlaye, Commissioner in charge of Energy and Mines, ECOWAS

Spéro Mensah, President, Africa Power Group, former Minister of Energy, Benin

Leopoldo Lopez Morales, Sales Manager, Karpowership

Rachid Idrissi Kaitouni, President, Moroccan Energy Federation

Songo Barango, Operations Superintendent, West African Gas Pipeline Company (WAPCo)

Damien Ricour-Dumas, Managing Director, Total Côte d'Ivoire SA



## AGENDA

### DAY 1 - THURSDAY, 26 JANUARY 2017

#### 13:30 – 14:30 Networking Lunch

#### 14:30 – 15:45 COUNTRY FOCUS: CÔTE D'IVOIRE

During this session Cote d'Ivoire's stakeholders showcased projects' pipelines and investment opportunities.

- Sharing experiences: partnership for growth and trade
- The evolution of the Ivoirian's institutional framework
- Developing Ivoirian's national resources for regional prosperity
- The very latest from the most exciting destination for Gas IPP

Moderator: Spéro Mensah, President, Africa Power Group, former Minister of Energy, Benin

Speakers: Hippolyte Ebagnitchie, Managing Director, National Regulatory Authority for the Electricity Sector (ANARE)

Serge Ahoussou, Director of Studies and Planning, Société des énergies de Côte d'Ivoire (CI-ENERGIES)

Norbert N'Koran, Director of Energy Efficiency and Renewable Energies (DMEER), Ministry of Petroleum, Energy and Development of Renewable Energies, Côte d'Ivoire

Thomas Camara, Director General, Ivorian Refining Company (SIR)

Mahamane Sow, Director General, EDF Côte d'Ivoire

#### 15:45 – 16:15 Networking and Coffee Break

#### 16:15 – 17:30 PANEL DISCUSSION: ENERGY INFRASTRUCTURE AND REGIONAL INDUSTRIAL OFF-TAKERS

Energy infrastructure and industrial development are closely interconnected. The industrial sector regularly experiences electricity shortages which disrupt production and affect the durability of machines; as a result, companies lose revenues and do not exploit their full potential, meaning the potential of primary industries such as mining, steel, manufacturing, construction and agriculture is largely untapped. This session explored how investment in energy infrastructure willtrigger faster industrial growth.

- · Energy infrastructure: investment needs in the electricity backbone of ECOWAS
- · How can regional industrial off-takers benefit from an integrated electricity market?
- · Innovative regulatory structure to allow seamless cross border trade in electricity
- · How can regional co-operation on production capacity boost West Africa's economic growth?
- Building a regional industrial ecosystem: technology transfer and energy efficiency
- Captive power generation and energy grid development: what approach should be taken to promote projects that will sell excess power to the national grid?

#### Moderator: Ransome Owan, Group Managing Director, Aiteo Power, Infrastructure & Real Estate

Speakers: Taylor Ruggles, Regional Energy Counselor for Africa, US State Department and Power Africa

Ana Hajduka, Founder & Chief Executive Officer, Africa GreenCo

Cuneyt Uygun, Chief Executive Officer and Board Member, Aksa

Crispin Holliday, Commercial Director, Aldwych International

#### 17:30 – 18:30 PROJECT TALKS – THE ROLE OF THE PRIVATE SECTOR

The session brought recent case studies to the fore to share experiences and talk about lessons learnt.

Case Study - exclusive insight into the Kpone Independent Power Plant (KIPP) project in Ghana.

#### Presenter: Kweku Awotwi, Director and Shareholder, CenPower Holdings

Case Study - exclusive insight into the Azito project in Côte d'Ivoire

Presenter: Alex Douglas, Head of Business Development, West Africa, Globeleq

Moderator: Alexander Sarac, Partner, Berwin Leighton Paisner

Participants: Romain Py, Head of Transactions, African Infrastructure Investment Managers (AIIM)

Kweku Awotwi, Director and Shareholder, CenPower Holdings

Alex Douglas, Head of Business Development, West Africa, Globeleq

Luc Aye, Managing Director, Azito Energie

Stephen Trickett, Senior Contracts Director, Group Five Power International

#### 18:30 – 18:35 ENERGYNET DAY ONE CLOSING REMARKS: Valeria M. Aruffo, Regional Manager: West Africa, EnergyNet



## AGENDA

### DAY 2 - FRIDAY, 27 JANUARY 2017

#### 08:30 - 09:25 Registration & Coffee

09:25 - 09:30 ENERGYNET DAY 2 WELCOME AND OPENING REMARKS: Valeria M. Aruffo, Regional Manager: West Africa, EnergyNet

#### 09:30 – 10:45 PANEL DISCUSSION: EXPLORING INNOVATIVE METHODS FOR PROJECT FINANCING

This session focused on attracting private capital into the West African energy, power and infrastructure sectors and building a platform for integrated financing solutions.

- · Scaling up blended finance in energy and infrastructure projects
- What is being done to create a favourable climate for private investment?
- Are there sufficient security and credit enhancement instruments available? What more is needed?
- · Are Government guarantees readily available? Should they be?
- Should DFIs be developing more guarantees and risk mitigation instruments, especially for small-medium scale projects?
- Moderator: Wale Shonibare, Director Energy Financial Solutions, Policy and Regulation, African Development Bank (AfDB)

Speakers: André Dippenaar, Chief Finance Officer, BioTherm Energy

Subha Nagarajan, Managing Director, Africa, Overseas Private Investment Corporation (OPIC)

Cassandra Colbert, Resident Representative in Cote d'Ivoire, International Finance Corporation (IFC)

Georgios Pantoulis, Head of Sector – Energy, European Commission

David Bowers, Vice President, Investments, Africa Finance Corporation

Philippe Miquel, Chief Executive Officer, Western & Central Africa, ENGIE

#### 10:45 – 11:15 Networking and Coffee

#### 11:15 – 12:30 PANEL DISCUSSION: ELECTRIFYING WEST AFRICA BEYOND THE GRID

There is a need to increase the level of power supply in the region and boost investments for financing electrification projects. West Africa is endowed with energy resources that can be utilised to contribute to achieving industrialisation of the region by ensuring access to modern energy services for the majority of rural communities. Small-scale energy systems can provide affordable and cleaner energy for cooking and heating, and for empowering enterprises to increase production, generate employment and increase rural income.

- · What are the opportunities in the off-grid electrification market? What is the right mix between grid and off-grid?
- Which policy and regulatory frameworks are in place to support the development off-grid small-scale energy systems?
- How are Governments implementing national and regional plans for off-grid development?

#### Moderator: Abel Didier Tella, Director General, Association of Power Utilities of Africa (APUA)

- Speakers: Ifey Ikeonu, Former Chairperson, ECOWAS Regional Electricity Regulatory Authority (ERERA)
- Paule Marie A. Sagna Lakh, Secretary General, Regulatory Commission for the Electricity Sector (CRSE), Senegal

Daniel-Alexander Schroth, SE4ALL Africa Hub Coordinator, African Development Bank

Matthias Adler, Head of Division, Infrastructure, Financial Sector West Africa, KfW

Abdessamad Saddouq, Director of Participations and Partnerships, ONEE, Morocco

#### 12:30 – 13:45 PANEL DISCUSSION: SCALING RENEWABLE ENERGY PROJECTS IN WEST AFRICA

West Africa is blessed with abundant and high-quality renewable energy resources in the form of solar, wind, mini-hydropower and biomass. There are opportunities to deploy renewable energy systems capable of meeting priority needs and a large variety of services. Improvements in network operations are taking place to enable the integration of renewable energy projects, especially solar and wind-based power generation plants.

- Private sector's role in driving forward renewable energy projects
- · What are the barriers to renewable energy technologies? How can regional co-operation turn these barriers into opportunities?
- What collaborative actions should be taken to exploit the significant opportunity for renewable energy?
- Which risk mitigation instruments and financing arrangements are available?
- What tariffs and regulatory framework need to be in place to encourage private sector investment and to recover the investment made?

Scene Setting Presentation: Jean-Baptiste Ki, Technical Counsellor of H.E. Prof. Alpha Oumar Dissa, Minister of Energy, Mines and Quarries, Burkina Faso

Moderator: Ana Hajduka, Founder & Chief Executive Officer, Africa GreenCo

Speakers: Jean-Baptiste Ki, Technical Counsellor of H.E. Prof. Alpha Oumar Dissa, Minister of Energy, Mines and Quarries, Burkina Faso Nathalie Weisman, SE4All Coordinator, ECOWAS Centre for Renewable Energy and Energy Efficiency (ECREEE) Bernhard van Meeteren, Senior Investment Officer, FMO

Kader Hassane, Investment Director, GreenWish Partners

Ade Audifferen, Business Development Manager, Wärtsilä Energy Solutions

13:45 Farewell Networking Lunch

#### AFTERNOON SITE VISIT: AZITO POWER PLANT

Hosted by





## **CONTACT OUR TEAM**

## **RECS 2018!**

FOR MORE INFORMATION ABOUT THE PROGRAMME OR FOR SPEAKING **OPPORTUNITIES:** 



### VALERIA ARUFFO

Regional Manager: West Africa +44 (0) 20 7384 8018 valeria@energynet.co.uk

FOR MORE INFORMATION ABOUT COMMERCIAL PARTNERSHIP OPPORTUNITIES:



George Hudson **Business Development Manager** +44 (0)20 7384 8020 george.hudson@energynet.co.uk

FOR MORE INFORMATION ON MEDIA PARTNERSHIPS AND PRESS CONTACT:



Monioue Bonnick Marketing Executive +44 (0)20 7384 7901 Monique.Bonnick@energynet.co.uk





High-level Roundtable "Regional Co-operation and Power Delivery", attended by: Siengui Ki, Secretary General, West African Power Pool (WAPP), Kweku Awotwi, Principal, Africa Power Systems Management, H.E. Honourable Patrick Sendolo, Minister of Lands, Mines and Energy, Liberia and H.E. Ambassador Abdelmalek Kettani, Ambassador of His Majesty the King of Morocco in Côte d'Ivoire.

## WAYS TO KEEP IN TOUCH



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## OUR PORTFOLIO











## OUR UPCOMING MEETINGS IN 2017 INCLUDE:



#### **AFRICA ENERGY FORUM 2017** 7-9 June 2017 | Copenhagen

The 19th Africa Energy Forum (AEF) will be hosted in Copenhagen, Denmark in 2017 to capitalise on the wealth of Nordic companies investing into Africa's power sector. Nineteen years in the running, AEF brings together seniorlevel representatives from governments, utilities, regulators, power developers, financial institutions, technology providers, consultants, law firms and large energy consumers to form partnerships, identify opportunities and collectively move the industry forward.

www.africa-energy-forum.com



## **MOROCCO: GAS OPTIONS**

29-30 November 2017 | Marrakech

The Morocco: Gas Options meeting will provide future stakeholders in Morocco's procurement programme a platform to engage with the government and national utility annually in an open forum. The meeting will bring together all major developers, investors and developers, IOCs and DFIs from across the world.

www.energynet.co.uk



#### **POWERING AFRICA: NIGERIA** 20-22 September 2017 | Abuja

The 5th annual Powering Africa: Nigeria meeting will focus on investment strategies, bringing together Nigeria's electricity supply industry, local finance institutions, IPP and NIPP investors, power developers and international financiers to release capital in Nigeria's transforming power sector. For more information please visit

www.poweringafrica-nigeria.com



#### **AFRICA RENEWABLE ENERGY FORUM**

30 November-1 December 2017 | Marrakech Following the first Africa Renewable Energy Forum in November 2016, held as an officially endorsed side meeting of COP22, this meeting will once again focus specifically on renewable energy for African development to ensure the outcomes of COP are successfully delivered.

www.africa-renewable-energy-forum.com



#### **INTERNATIONAL GAS COOPERATION SUMMIT** 3-6 October 2017 | Cape Town

As a follow on from the hugely successful South Africa: Gas Options meeting, the International Gas Co-operaton Summit (IGCS) will focus on South Africa's potential for gas procurement, distribution and utilisation nationally, regionally and globally, while integrating the GAS IPP programme with South Africa's broader economic strategy for energy.

www.energynet.co.uk



### **POWERING AFRICA: TANZANIA**

23-25 January 2018 | Dar es Salaam

Powering Africa: Tanzania is a platform to discuss the country's potential to attract private investment and encourage the development of IPPs. The meeting will also explore opportunities for regional collaboration within the East African region, exploring procurement models and taking a look at some of the critical infrastructure projects which will contribute to realising the region's development goals.

www.poweringafrica-tanzania.com



#### **GROWING ECONOMIES:** PACIFIC ALLIANCE ENERGY FORUM 25-27 October 2017 | Bogotá

The Growing Economies: Pacific Alliance Energy Forum gathers the country members of the Pacific Alliance -Colombia, Mexico, Peru and Chile – to further the group's evolving energy agenda increasing regional engagement. The meeting brings together energy regulators and public sector leaders along with investors and financiers looking to strengthen their presence in the emerging Pacific Alliance energy market.

www.pacificalliance growingeconomies.com



#### **REGIONAL ENERGY CO-OPERATION** SUMMIT

29-31 January 2018 | Abidjan

The Regional Energy Co-operation Summit is an annual Investors' meeting focused on energy, infrastructure and the financing of power projects across the West African region. We will address issues of cross-border co-operation and regional integration across West Africa in this high level dialogue designed to drive forward the power sector.

www.regional-cooperation-summit.com

Our team spend over 220 days a year travelling to meet stakeholders across Africa, so RELATIONSHIPS AND INVESTOR INSIGHTS ARE BOTH OUR BUSINESS AND OUR PASSION.

> For information on sponsoring, speaking and attending our meetings, please contact Amy Offord on +44 (0)20 7384 8068 or email marketing@energynet.co.uk

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