



Africa Investment Exchange

AIX: Gas

Developing partnerships along the gas value chain

17 November 2021, RSA House, **London & Online**

Part two of this year's **AIX: Gas** meeting will be held alongside the flagship AIX: Power & Renewables event, bringing together Africa's energy sector stakeholders.

AIX: Gas is held under the Chatham House Rule which allows participants to break down the barriers by holding frank and open panel-led discussion without their identity or affiliation, nor that of any other participant, being revealed.

Confronted by the challenges posed of bringing

people together during a period of continued global health concerns, a hybrid programme has been developed to facilitate a productive meeting for both online and in-person participants.

AIX: Gas is co-organised by Cross-border Information (Cbi), and Cbi's African Energy, a consultancy that has been involved at the heart of the debate surrounding the development of the energy sector in Africa for more than 20 years.

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Gas commerce

NORTH AFRICA: GAS HUB

Development of the giant Zohr field offers Egypt the opportunity to transform itself into a gas hub for the entire east Mediterranean region. However, there are enormous geopolitical, commercial and policy barriers to turning that ambition into reality. Turkey is using its navy and its intervention in the Libyan civil war to stymie gas exploration offshore Cyprus and to undermine future pipeline developments.

NIGERIA-MOROCCO: GAS PIPELINE

A key element in Morocco's 'pivot to Africa', King Mohammed VI and Nigerian President Muhammadu Buhari agreed in 2016 to build a gas pipeline that would eventually link a dozen countries across north-west Africa. The first steps could be to link Côte d'Ivoire with the WAGP and the Mauritania-Senegal gas field with Morocco. Algeria, meanwhile, is committed to accelerating the decades-old TSGP project.

GREATER BIRALLAH FLNG
GREATER TORTUE AHMEYIM
PRAIA FLNG
YAKAAR-TERANGA
MAURITANIA
NOUAKCHOTT
DAKAR
THE GAMBIA
BISSAU
CONAKRY
SIERRA LEONE
FREETOWN
LIBERIA
MONROVIA
NIGERIA-MOROCCO PIPELINE / ATLANTIC GAS PIPELINE

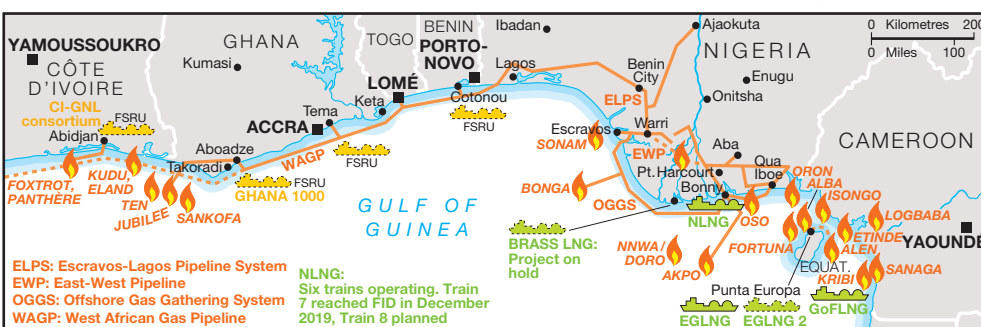
WEST AFRICA: GAS TRANSFORMATION

New schemes are multiplying to harness previously stranded gas fields offshore West Africa. Equatorial Guinea is promoting ambitious plans to secure more regional gas for its EGLNG plant, while Cameroon's floating LNG is up and running and Mauritania and Senegal have high hopes for their Greater Tortue LNG development. Other proposed schemes could put more gas into the under-used West African Gas Pipeline to supply the region's power plants.

SOUTHERN AFRICA: SUPPLY OPTIONS

South Africa is including gas supply options that include imports from northern Mozambique or from the Matola LNG scheme, or development of domestic gas. Development of Namibia's Kudu field remains elusive but may get a boost from new exploration plans.

- Major gas fields and recent significant discoveries
- Major gas pipeline
- future?
- LNG liquefaction plant and export terminal
- future?
- LNG regasification plant and import terminal
- future?



ELPS: Escravos-Lagos Pipeline System
EWP: East-West Pipeline
OGGS: Offshore Gas Gathering System
WAGP: West African Gas Pipeline

NLNG: Six trains operating. Train 7 reached FID in December 2019, Train 8 planned

FLNG: floating liquefied natural gas
FSRU: floating storage and regasification unit
© African Energy 2020 (www.africa-energy.com)



09h00 to 10h15 (GMT) – hybrid session

African gas outlook

Chair: **Jon Marks**, Chairman, Cbl & Head of Consultancy, African Energy
The 'transitional fuel' argument is revisited.

- Can developers continue with business as usual?
- Lenders' perspective on financing gas projects
- Impact of gas prices
- Are western IOCs driving themselves out of the market?
- Prospects for carbon capture & storage and hydrogen

Ben James, Partner, Bracewell

Andrew Knott, Chief Executive Officer, Savannah Energy

Mitesh Pema, Executive Director & Fund Principal, Mahlako

Ricardo Ramirez, Vice President, Denham Capital

Duncan Wallace, Technical Director, Chariot Energy

10h15 to 10h45 (GMT) **Coffee break**

10h45 to 12h00 (GMT) – hybrid session

Opportunities and challenges investing in Southern Africa

Chair: **Steve Husbands**, Head of Commercial, Oil & Gas Advisory, SLR
Latest developments in the region's gas market are examined

Steve Brann, Senior Investment Manager, Vitol

Stefano Marani, Chief Executive Officer, Renergen

Maggy Shino, Petroleum Commissioner, Ministry of Mines & Energy

John Smelcer, Business Development Director, Globeleq

Johan de Vos, Chairman, Gigajoule

AIX: Gas (part 2)

Held on the morning of 17 November before the start of AIX: Power & Renewables, **AIX: Gas - part two** brings delegates together to continue discussions from earlier in the year.

The one-day pass includes access to all sessions and the evening reception at RSA House on 17 November.

[Register for AIX Gas](#)

Chatham House Rule

All AIX meetings are held under the **Chatham House Rule** meaning "participants are free to use the information received, but neither the identity nor the affiliation of the speaker(s), nor that of any other participant may be revealed".

By using the Rule, the meetings provide a space for participants to break down barriers and discuss issues of a sensitive nature in the knowledge that any views will remain confidential.



12h00 to 13h00 (GMT) **Lunch for AIX: Power & Renewables and AIX: Gas participants**

AIX: Gas delegates have access to the following AIX: Power & Renewables energy transition sessions as well as the evening reception at RSA House on 17 November.

See [event website](#) or contact [Lauren Slater](#) for more details.

13h00 to 14h15 (GMT)

Managing grid transition

Chair: **Ryan Anderson**, Head of Solar, Smart Grid & Storage, Multiconsult

A look at the challenges that Africa faces to decarbonise its electricity grids, strategies for strengthening the power network and the future of utilities.

- Overcoming renewable energy intermittencies
- Investing in flexible solutions
- Battery storage solutions: what's the latest?
- Survival guide for utilities managing REIPPs
- How might the grid evolve over the next 25 years?

Murefu Barasa, Managing Partner, EED Advisory

Joe Corbett, Technical Director, Gridworks

Ebenezer Kofi Essienyi, Chief Executive Officer, GRIDCo

Samson Ondiek, Business Planning Manager, Kenya Power and Lighting Company

14h15 to 14h45 (GMT) Networking break

Attend Online

The online meeting is hosted on a dedicated virtual conference platform (Swapcard).

- **Create your profile** – Add your bio and contact details, and then connect with other participants.
- **Chat and comment** – Join the discussion before the event and comment during talks.
- **Watch when convenient** – All sessions are recorded so you can watch them again at any time.



Attend in-person

RSA House has been awarded the industry standard 'We're Good To Go' and 'Hire Space Safer Events - A Framework for Action' certification, meaning the venue has been recognised as one that can open safely and follows current UK government guidance.

Registered delegates will receive a document ahead of the meeting outlining the measures the venue has put in place to ensure it is safe for guests and explaining what to expect when attending at event at RSA House.

14h45 to 15h45 (GMT) – hybrid session

Energy in transition: COP26

Chair: **Jon Marks**, Chairman, Cbl & Head of Consultancy, African Energy
COP26 has brought leaders to Glasgow, but what has actually been decided? African Energy reporting and Live Data analysis will supply exclusive insights to support this discussion.

- What is the extent of new energy transition opportunities for the continent?
- Can Africa conceivably reach universal energy access by 2030 and net zero GHG by 2050?
- The COP debate: Leadership, industry and independent views

Glada Lahn, Senior Research Fellow, Chatham House

Tarik Hamane, Executive Director, Moroccan Agency for Sustainable Energy (MASEN)

Eric Mwangi, Economic Advisor to the Cabinet Secretary, Ministry of Energy, Kenya

Sbu Ntshalintshali, Renewable Energy and Natural Gas Manager, eThekweni Municipality, South Africa

16h15 to 17h30 (GMT) – hybrid session

Financing IPPs in the age of transition

Stakeholders are invited to share their perspectives on the realities of investing in African IPPs in the age of transition.

- What is the future for thermal generation and are renewables fit for purpose to take their place?
- What risk transfer options are available?
- What is the role of gas and storage in Africa's energy transition?

Andreas Cremer, Director, Infrastructure & Energy, DEG

Conal Duffy, Vice President, Alliant Insurance Services

Tom Jamieson, Partner, Bracewell

Crispen Zana, Energy Advisor, EU Energy Initiative Partnership Dialogue Facility (EUEI PDF)

A trusted forum

Over the past eight years, AIX meetings have forged a reputation for the quality of their discussions. All sessions are held under the Chatham House Rule as either panel-led discussions or roundtables that are exclusively for industry stakeholders – no external media bodies are invited.



Reaching stakeholders across Africa

We are passionate about Africa and ensuring that African voices are heard. African based SMEs, utilities, regulators and public sector officials may attend for free (online or in person).

Contact Lauren Slater to apply for a guest pass.

E: lauren@cbi-meetings.com



17 November



Africa Investment Exchange and Africa Energy Forum's joint evening reception

17h30 to 19h30 (GMT)

The evening reception is hosted by Africa Investment Exchange (AIX): Power & Renewables and Africa Energy Forum (aef) in the historic surroundings of RSA House.

The reception brings participants from both events in London together for networking and to better support industry wide business development.



Organisations registered so far to AIX Gas and AIX Power & Renewables 2021 meeting

Actis – African Energy – Alliant Insurance Services – Anergie – Azura Power – BlueOrchard Finance – Bracewell – Burmeister & Wain Scandinavian Contractor – Chariot Energy – Chatham House – Cheniere – Climate Investment Funds (CIF) – CrossBoundary – DEG – Denham Capital – DNV – EED Advisory – Electricity Control Board, Namibia – Energy & Petroleum Regulatory Authority, Kenya – Electricity Regulatory Authority, Uganda – Energy Exemplar – eThekweni Municipality, South Africa – EU Energy Initiative Partnership Dialogue Facility – Foreign, Commonwealth and Development Office, UK – Gide Loyrette Nouel – Gigajoule – Globeleq – GOGLA – GreenMax Capital Advisors – GRIDCo – Gridworks – Harmattan Renewables – Herbert Smith Freehills – Impala Energy – IPP Office, South Africa – Japan Bank for International Cooperation (JBIC) – Kenya Power and Lighting Company – Kosmos Energy – Lekela – Lion's Head Global Partners – MASEN – Mercados – Aries International – MIGA – Millennium Challenge Corporation – Ministry of Energy, Kenya – Ministry of Finance & Development Planning, Liberia – Ministry of Mines & Energy, Namibia – Ministry of Water Irrigation and Energy, Ethiopia – Mahlako – Multiconsult – Nigerian Electricity Regulatory Commission – National Energy Regulator of South Africa – Ninety One – Power Africa – Rand Merchant Bank – Renergen – Rural Electrification Agency, Nigeria – Savannah Energy – Shell – Shell New Energies – SLR – Solarcentury Africa – Southern African Power Pool (SAPP) – SunFunder – UKEF – Vitol – Vopak LNG – Wärtsilä

Organisations who participated at AIX: Gas 2019

Utilities, regulators and officials

Department of Trade & Industry, South Africa, Electricidade de Moçambique (EdM), Electricity Company of Ghana, Ghana Energy Commission, Ministry of Petroleum, Energy and Mines, Mauritania, Moroccan Agency for Sustainable Energy, National Energy Regulator of South Africa (NERSA), Nigerian Electricity Regulatory Commission, Nigerian Gas Flare Commercialisation Programme, West African Gas Pipeline Company

LNG and Upstream

Aminex, BP, Chariot Oil & Gas, DNG Energy, Gasfin Development, Greenville LNG, Hanas LNG, Modec, Neoleum Energy, Nigeria LNG, Ophir Energy, Orca Exploration, PanAfrican Energy Tanzania, Savannah Petroleum, Seven Energy, Shell, Total, Victoria Oil & Gas, Vitol, Wentworth Resources, Woodside

Finance

Actis, Africa50, African Development Bank, African Infrastructure Investment Managers (AIIM), AP Moller Capital, Canada Pension Plan Investment Board, CDC

Group, Denham Capital, InfraCredit, International Finance Corporation (IFC), Multilateral Investment Guarantee Agency (MIGA), Overseas Private Investment Corporation (OPIC), Pembani Remgro, Standard Bank, Standard Chartered, Stonechair Capital, UK Export Finance, US-China Energy Group

Power and infrastructure

Aldwych International, Akxa, Azura Power, Black Rhino Group, Clarke Energy, Globeleq, Honeywell Group, Impala Energy, MAN Energy Solutions, Metka, Proton Energy, Siemens, Wartsila

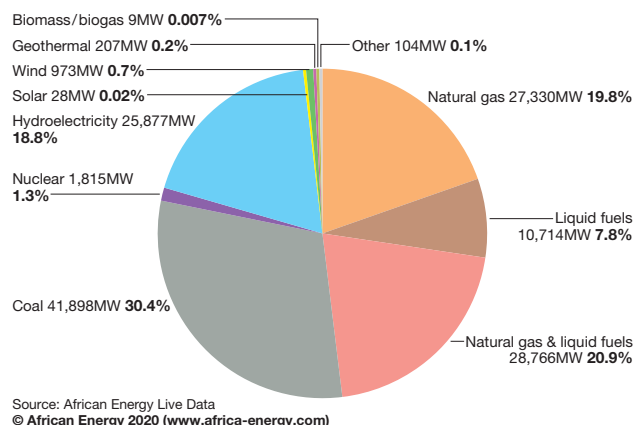
Professional services

ADIT, Advocaat Law Practice, Baker McKenzie, Clifford Chance, DLA Piper, Economic Consulting Associates, eegr Consultancy, Energy Investment Company, Epeus Consulting, Farrer & Co, FTI Consulting, Herbert Smith Freehills, Kestrel Energy Solutions, Latham & Watkins, Mauritanian British Business Council, Oxford Institute for Energy Studies, Oxford University, Poten & Partners, QED Consulting, Shearman & Sterling, SLR Consulting, Squire Patton Boggs, Templars, Victoria Chambers

Our unique perspective

Participants will benefit from exclusive analysis based on [African Energy Live Data](#) - our unique platform that combines a range of analytics tools with project level detail of more than 6,500 power plants across the continent.

AFRICA'S ON-GRID ENERGY MIX, 2010 Total: 137,721MW



Cbl Meetings pairs the extensive regional expertise and source network of Cbl's African Energy with a seasoned events team experienced in producing high-level investment forums and dialogues across the African continent.

As a consultant, Cbl has a unique perspective when it comes to understanding the themes and topics that provide the foundations for a vibrant conference agenda and the mix of project stakeholders required to create a lively and engaging panel-led discussion.

We are focused on producing meetings that create enduring dialogues between development finance institutions, public sector stakeholders and private sector investors including, private equity firms, venture capitalists, family offices, foundations, institutional investors and impact investors.

Sponsor AIX: Gas



Sponsor the hybrid AIX: Gas meeting in June & November

Sponsorship package includes:

- Participation in the programme at both meetings (June and November)
- Panellists can participate in-person at RSA House or join the panel virtually.
- 3 guest passes including 1 panellist slot for both meetings at RSA House, London
- Unlimited number of users from sponsors' organisation have access to virtual AIX Gas sessions
- Corporate logo on event website, online conference platform, agenda, brochure, marketing emails, headline slides, meeting bag and banners
- Full page colour advert in the meeting book
- Corporate literature in meeting bag
- Photos of panel sessions for social media and web use

- Input on the agenda
- Your video on Swapcard platform for viewing before, during and after each event

Sponsorship for the AIX Gas meetings in November 2021 = **£9,000** + UK VAT

Additional options

- Meeting room, with tea and coffee, for sponsor to conduct private meetings with clients and potential clients
- Evening reception sponsor
- Lunch sponsor
- Session sponsor
- Coffee break sponsor
- Exhibition space

Contact **Ricky Purnell**, Sponsorship Consultant at Cbi Meetings for more details:

T: +44 (0) 1424 721667

E: ricky@cbi-meetings.com

W: africa-investment-exchange.com

Register to AIX: Gas 2021

AIX: Gas will be held as a physical and virtual meeting. There will be a professional tech team at RSA House managing this hybrid model to ensure a smooth digital process.

All participants can choose whether to participate in-person in London or join the meeting virtually. Part two of the meeting will be held alongside AIX: Power & Renewables to bring together Africa's energy sector stakeholders.

AIX: Gas London registration

17 November - part two

Ticket to attend AIX Gas at RSA House, London

£900 plus VAT

AIX: Gas virtual registration

17 November - part two

Ticket to attend AIX Gas via online platform

£95 plus UK VAT

Book now

Book now

To pay by invoice contact **Lauren Slater**, Events Coordinator.

T: +44 (0) 1424 721667 **M:** +44 (0) 7543 028 312 **E:** lauren@cbi-meetings.com

Terms & Conditions

Payments: All bookings made prior to the conference must be paid in full to guarantee registration. If payment is not made at the time of booking, registration will be provisional. **Cancellation:** The fee is non-refundable if cancellation is received less than two weeks before the booked meeting. For a cancellation before this date the fee will be refunded, less a handling charge of £80.

Indemnity

Cbi Meetings is not liable for any travel and accommodation costs incurred by delegates in connection with their registration. Cbi Meetings cannot accept liability for any loss, cost or expense suffered or incurred by any person arising from reason of war, including threat of war, riots and civil strife, terrorism or threats thereof, natural disaster, weather, fire, flood, drought, technical, mechanical or electrical breakdown within any premises visited by delegates in connection with the conference, non-provision of services provided by hotel companies or transport operators, industrial disputes, government action, regulations, or technical problems which may affect the services provided in connection with the event.