

EAGE

EUROPEAN
ASSOCIATION OF
GEOSCIENTISTS &
ENGINEERS



EAGE Sub-Saharan Africa Energy Forum

**EXPLORING AND ACCESSING AFRICA'S ENERGY POTENTIAL:
CHALLENGES, OPPORTUNITIES, AND THE ROAD AHEAD**

4-6 MARCH 2024 • WINDHOEK, NAMIBIA

- **Final Announcement**

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WORKSHOP OVERVIEW

We are pleased to invite you to join us at the **EAGE Sub-Saharan Africa Energy Forum**, this is a combined event of our previous successful workshop series titled **“EAGE Eastern Africa Petroleum Geoscience Forum & Western Africa Exploration & Production Workshop”**.

This forum intends to address the key role that geoscience activities have in the Sub-Saharan African energy sector. Our event is designed to gather professionals from a diverse set of backgrounds including: Energy and service companies, academia, and regulators to foster fruitful discussions.

As Oil and Gas projects have historically been the main contributor of this forum, we will continue to offer a wide range of topics on African Petroleum systems including a diverse range of topics from the industry as well as academic research. Topics can include recent accomplishments of key wells, large integrative studies, or application of new technologies and future projects keeping in mind the energy transition. In addition, this forum welcomes the discussion of above ground challenges to the untapped Petroleum and Clean Energy resources of the Sub-Saharan.

We look forward to your presence in Namibia and active participation in this exciting event!

TOPICS

- Petroleum systems, play evaluation and de-risking
- Key wells and projects in Africa
- Role and future of frontier exploration
- Digitalization, New Technology and Data Standards
- Geoscience role in Energy Transition and Environment
- Above Ground

Sunday, 3 March 2024

DURSTERNBROOK GAME DRIVE

14:30 Icebreaker Reception - Dursternbrook Game Drive, Dursternbrook Guest Farm 4

TECHNICAL PROGRAMME

Oral Presentations | Monday 4 March 2024

ANGELO/ANGELA MEETING ROOM

08:00 Registration & Welcome Coffee

08:30 HSSE From Hotel

08:35 Welcome by Co-Chairs Remi Julien (Total Energies) & Joe Martin (Shell)

08:45 Opening Address by Mrs. Victoria Sibeya, Executive: Exploation, NAMCOR

SESSION 1 - Revival of Orange Basin and Beyond (Namibia / South Africa)

Session Chairs: Mathieu Jeannot & Karyna Rodriguez

09:10 Keynote 1 - Deep offshore exploration in the Orange Basin: What is next? - Benjamin Gatignol (Total Energies)

09:40 A voyage to Venus - from Tupi to Liza and beyond - J. Collard^{1*}
¹Westwood Global Energy Group

10:00 Can we disregard the regional context now Graff/Venus discoveries have de-risked magmatic margins? In short, no! - D. Paton^{1*}, P. Markwick², J. Salomo³, E. Mortimer¹, M. Parker-Nance⁴, P. Gristo⁵, J. Marmisolle⁵, R. Real⁵
¹Tectonknow; ²KnowingEarth; ³Petroleum Agency South Africa; ⁴University of Cape Town; ⁵ANCAP

10:20 Into the Deep - Exploring the Shark Alley Fairway, Orange Basin South Africa - A. Fielies^{1*}, C. Van Bloemenstein¹, J. Salomo¹, R. Africa¹, S. Wela¹
¹Petroleum Agency SA

10:40 Morning Coffee Break

11:10 Keynote 2 - Deepwater frontier exploration in Namibia, the journey from country entry to appraisal - Adeleye Falade (Shell)

11:40 Assessing Cretaceous sediment influx routes and provenance, offshore Namibia - E. Kay^{1*}, F. Winter¹
¹TGS

12:00 The Next Oil Frontier: Namibia's Promising Hydrocarbon Plays - D. Rathee^{1*}, S. Tewari¹
¹Schlumberger

12:20 Session Q&A

12:40 Lunch Break - Ekipa Restaurant at the Hilton Windhoek

13:40 Repeating Namibia's deepwater exploration success in northern basins - T. Hansen^{1*}, V. Sibeya²
¹PGS; ²NAMCOR

14:00 Venus rising in the Outeniqua Basin, South Africa - A. Davids^{1*}, R. Tshikovhi¹
¹Petroleum Agency SA

14:20 From a single Deepwater frontier exploration well in Namibia to a full back - R. Moeys^{*}, E. De Jonge^{*}, B. Van Assema^{*}, L. Kramers^{*}

14:40 Session Q&A

14:50 Keynote 3 - Keynote on Kudu Field - Guido Paporoni (BW Energy)

Panel Discussion on Orange Basin (Namibia & South Africa)

Topic: Frontier Exploration and Beyond

15:20 Introduction To Panelists & Discussion

15:55 Audience Q&A

Poster Session

16:05 Lightning Session - Presenters introducing their posters

16:15 Afternoon Coffee Break

16:45 Characterization of the reservoir potential of selected Wells in the Walvis Basin, Offshore Namibia - J. Ndangi Iyambo^{1*}, C. Uahengo¹, M. Opuwari¹, A. Narubes¹, P. Sindimba¹
¹UNAM, University of Namibia

16:50	Reservoir Characterisation and Depositional Environments of the Owambo Formation, Mulden Group, Owambo Basin, Namibia - J. N. Hamalwa ^{1*} , C. Uahengo ¹ , A. Vatuva ¹ , A. Narubes ¹ , P. Sindimba ¹ ¹ UNAM, University of Namibia
16:55	Striking a balance between hydrocarbons and green energy in the face of the energy crisis - C.I. Uahengo ^{1*} , M. Harris ¹ , E. Nepembe ¹ , A. Vatuva ¹ , G. Chongwain ¹ ¹ UNAM, University of Namibia
17:00	The Cullinan Journey: From a regional high to drillable target - K. Domingos [*] , R. Moeys [*]
17:05	Prospectivity of Namibian onshore and offshore basins - A. Wanke ¹ ¹ Upstream Exploration Services Namibia
17:10	The Hydrocarbon Potential of Northern Lüderitz Basin, offshore Namibia - R. Toirac ^{1*} , Y. Perez ¹ ¹ Pioneer Oil and Gas Consulting
17:15	Closing Remarks by Chair
17:25	End of Day 1

Oral Presentations | Tuesday 5 March 2024

ANGELO/ANGELA MEETING ROOM	
08:00	Registration & Welcome Coffee
08:30	Welcome by Co-Chairs: Review of Day 1 & Welcome to Day 2
08:40	Keynote 4 - Near Field, ILX Exploration, example of OML 102, shallow water Nigeria - Lise Salles (Total Energies)
SESSION 2 - Exploration in mature and frontier West African basins	
Session Chairs: Dag Helland-Hansen & Mathieu Jeannot	
09:10	Seismic Expression of Southern Atlantic Petroleum Systems - K. Rodriguez ^{1*} , N. Hodgson ¹ ¹ Searcher
09:30	Predicting Viscosity in an undrilled panel of a deep-offshore West African basin field - Y. Kedzierski [*] , T. Rives, H. Zhou ¹ TotalEnergies
09:50	Structural framework and tectonic evolution of the offshore Namibe Basin, Angola - E. Nepembe ^{1*} , S. Schröder ¹ , M. Huuse ¹ , ¹ A.Wanke ² NAMCOR
10:10	Contourites and Mixed depositional systems along the South African margin - A. Fielies ^{1*} , R. Africa ¹ ¹ Petroleum Agency SA
10:30	Session Q&A
10:50	Morning Coffee Break
11:20	Imaging new exploration plays in the shale diapir zone of the deepwater Niger Delta - E. Kay ^{1*} , F. Winter ¹ ¹ TGS
11:40	Regional insights of exploration in Kwanza basin, Angola: using a regional post-stack 3D dataset merge. - M. Uzcategui ^{1*} , S. Tewari ¹ , D. Rathee ¹ ¹ SLB
12:00	Revealing the Structural Influence on Reservoir Channel Deposition in the deepwater Niger Delta - A. Burrell ^{1*} ¹ PGS
12:20	Evolution of a mixed clastic system in a transform followed by passive margin setting offshore Benin - F. Winter, P. Rovira ^{1*} ¹ TGS
12:40	Session Q&A
13:00	Lunch Break - Ekipa Restaurant at the Hilton Windhoek
SESSION 3 - Digitalization, New Technology and Modelling	
Session Chairs: Steve Pitman & Charles Thomas	
14:00	Modern CSEM and impact on African exploration-from Girassol to fieldwide estimates of saturation - D. Helland-Hansen ^{1*} , E. Nerland ¹ ¹ EMGS ASA
14:20	Expediting salt body interpretation for exploration studies using machine learning: A Kwanza basin, Angola case study - D.F. Fernandez ^{1*} , M. Uzcategui Salazar ¹ , R. King ¹ , G. Menzel-Jones ¹ , S. Tewari ¹ ¹ SLB

14:40	Latest deterministic 4D workflows applied to West Africa monitoring examples - H. Prigent ^{1*} , A. Grandi ² ¹ CGG; ² TotalEnergies
15:00	Afternoon Coffee Break
15:30	RGT-enabled characterization of rifted-related or salt-controlled turbidite fairways: from analogs to West African margin perspectives - N. Daynac ^{1*} ¹ Eliis
15:50	Session Q & A
Panel Discussion on West Africa	
Topic: Near Field Exploration & Production	
16:10	Introduction to Panelists & Discussion
16:45	Audience Q&A
16:55	Closing Remarks by Chair
17:05	End of Day 2
19:30	Gala Dinner - Venue: Roof of Africa

Oral Presentations | Wednesday 6 March 2024

ANGELO/ANGELA MEETING ROOM	
08:00	Registration & Welcome Coffee
08:30	Welcome by Co-Chair: Review of Day 2 & Welcome to Day 3
SESSION 4 - Exploration and development activities in East Africa	
Session Chairs: Sugandha Tewari & Mathieu Jeannot	
08:40	Keynote 5 - Keynote on East Africa - Peter Elliott (NVENTURES)
09:10	Understanding complex near surface geology of Tilenga field with a shallow hazard seismic cube - J. Mitschler ^{1*} , M. Retailleau ¹ , A. Afonso Monteiro ¹ , P. Plasterie ¹ , M. Guo ² , O. Guillou ² ¹ CGG; ² TotalEnergies EP
09:30	Mixed Turbidite Contourite Systems of the Save Basin Offshore Mozambique - K. Rodriguez ^{1*} , N. Hodgson ¹ ¹ Searcher
09:50	A tertiary play in souther Rovuma basin in Mozambique identified on seismic and CSEM - D. Helland-Hansen ^{1*} , E. Nerland ¹ , M. Zibane ² , E. Matlava ² ¹ EMGS ASA; ² INP
10:10	Session Q&A
10:30	Morning Coffee Break
11:00	The Untapped Potential of the Barremian Basin Floor Play System in the Pletmos Basin - R. Tshikovhi ^{1*} , A. Davids ¹ ¹ Petroleum Agency South Africa
11:20	Pliocene graben development led the reorganization of the deep-water sediment routing systems offshore Tanzania - M. Dottore Stagna ^{1*} , V. Maselli ¹ , D. Reynolds ¹ , D. Iacopini ² , D. Grujic ¹ , S. Tewari ³ , A. Van Vliet ⁴ ¹ Dalhousie University; ² University of Naples "Federico II"; ³ Schlumberger; ⁴ Royal Dutch Shell
11:40	Case studies of six challenging development projects in East Africa - A. Piccoli ^{1*} ¹ S&p Global
12:00	High Impact Exploration Globally and in Africa - B. Gill ^{1*} ¹ Westwood Global Energy Group
12:20	Session Q&A
12:40	Lunch Break - Ekipa Restaurant at the Hilton Windhoek
Breakout Session	
13:40	Introduction to Breakout Session Session Chairs: Remi Julien (Total Energies) & Joe Martin (Shell)
13:50	Afternoon Coffee Break
14:20	Group Discussion Session
14:50	Review of Findings / Q&A
15:10	Final Closing Remarks by Co-Chairs
15:30	Close of Workshop

REGISTRATION FEE

(All registration rates are in USD)

REGISTERED AND PAID	Onsite Registration Fees
EAGE Green Member ^{1,5}	\$ 1540
EAGE Bronze/Silver/Gold Member ^{1,5}	\$ 1390
EAGE Platinum Member ^{1,5}	\$ 940
Non-member ³	\$ 1640
EAGE Student Green Member ^{1,2,5}	\$ 645
EAGE Student Bronze/Silver/Gold Member ^{1,2,5}	\$ 570
Student Non-member ^{2,3,4}	\$ 670

Members please note: To qualify for the member registration fee, your EAGE membership dues for 2023 must have been paid and confirmed. The processing time for membership applications or renewals is 10 working days.

To qualify for the reduced student registration fee:

- Students must be enrolled in a full time study programme at a recognized university or institute
- The registration must be accompanied by a copy of a student ID card and/or official proof of enrolment

The Non-member fee includes EAGE membership for the remainder of 2024 (31/12/2024). This membership will be activated shortly after the event. Student Non-members cannot be older than 34 years of age (when registering). Green membership status gives you a USD 50 discount (USD 25 for students) on the Non-member fee for each EAGE event registration; starting from the Bronze status, you can benefit from an even greater reduced EAGE member registration fee. Find here for more information on the recognition programme. All fees are in USD. One US Dollar of your total registration fee is donated to the EAGE Green Fund.

Please note: The deadlines are following the Local Time in the Netherlands. EAGE reserves the right to cancel the short course(s), conference(s), workshop(s) or field trip(s) due to low participation. In this case, payment will be refunded in full.

Payment Methods

All payments must be made in US Dollars

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Please indicate your name and/or invoice number clearly on bank transfers. Due to postal or bank delays, registration by post and/or bank transfer will not be accepted after 12 February 2024. Please allow at least two weeks for processing.

SOCIAL PROGRAMME

Icebreaker Reception

Sunday 3 March, 14:30hrs - 19:30hrs

Venue: Dursternbrook Game Drive,
Dursternbrook Guest Farm

Gala Dinner

Tuesday 5 March, 19:30hrs - 22:00hrs

Venue: Roof of Africa,
124, 126 Nelson Mandela Ave, Windhoek, Namibia

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