



UNDER THE PATRONAGE OF



energy

Department:
Energy
REPUBLIC OF SOUTH AFRICA

1-3 OCTOBER 2018

CAPE TOWN INTERNATIONAL CONVENTION CENTRE 2, SOUTH AFRICA

AFRICA'S INTEGRATED OIL, GAS AND ENERGY TRANSFORMATION

EVENT BROCHURE

STRATEGIC PARTNER



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Bissau Exploration Company



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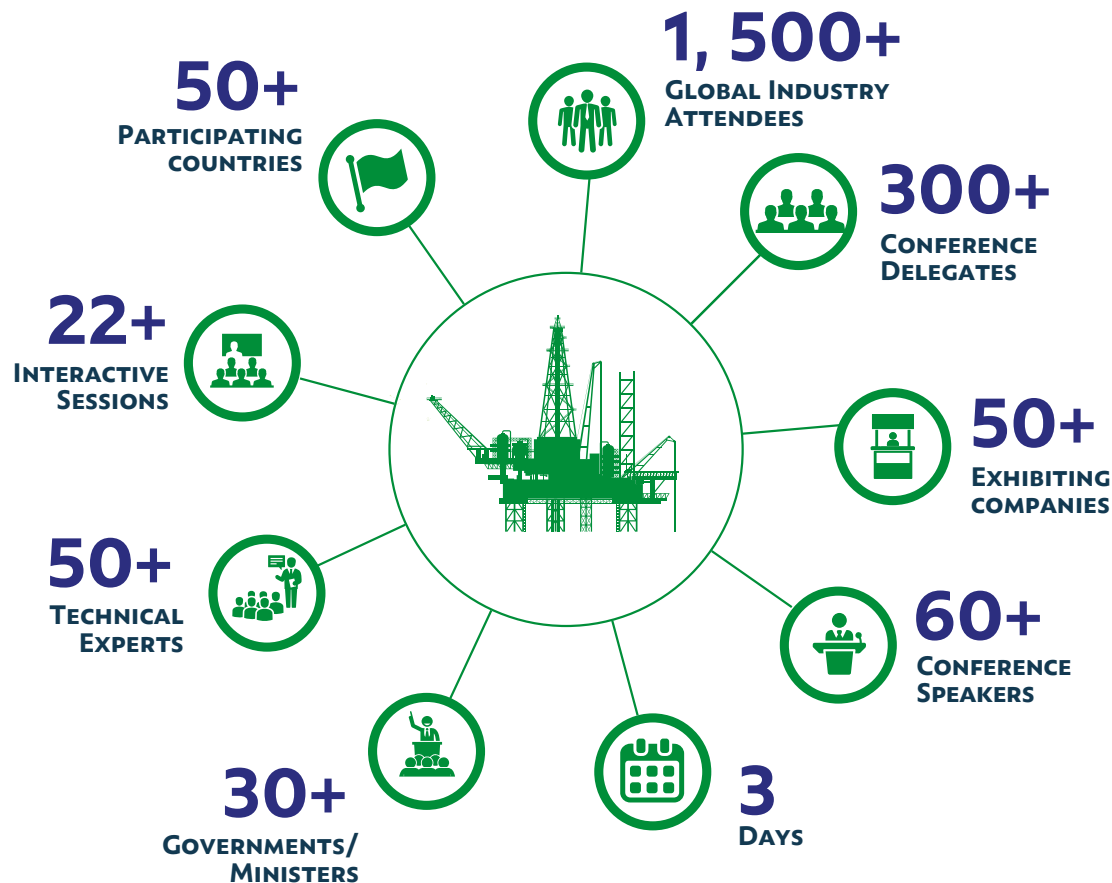


OTHER EVENTS WE ORGANISE



ABOUT FUTURE ENERGY AFRICA

Africa's new meeting point, the Future Energy Africa 2018, brings a power packed 3-day conference and exhibition, dedicated to advancing future oil, gas and energy solutions for the continent. With far reaching industry collaboration, under the esteemed patronage of the Department of Energy South Africa, the event is set to attract leading governments, national oil companies, international oil companies and industry experts to provide in-depth analysis and an honest reflection of Africa's set to revolutionize the future.



**FUTURE ENERGY
AFRICA CONFERENCE &
EXHIBITION PROVIDES AN
INTENSIVE TOUR ACROSS
AFRICA, REVEALING
INSIGHTS ON THE ISSUES
CONFRONTING AFRICA'S FUTURE
COMMERCIAL, BUSINESS AND
SOCIO-ECONOMIC TRAJECTORIES.**

WHY FUTURE ENERGY AFRICA?



Meet with Ministers from across Africa to address the industry on country strategies



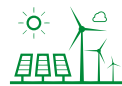
FEA TV: A dedicated platform for on-stage interviews, "in conversation" dialogues, digitization megatrends, corporate commercials, knowledge sharing and industry insight.



Increasing & Strengthening Local Content address challenges and opportunities for capacity building



Centre of Technical Excellence Seminar Learn about latest technologies boosting efficiency and lowering costs



Renewables in Africa: Tap into development initiatives and solutions supporting the advancement of renewable energy in Africa



IOC-NOCs Panel Discussion reinventing strategies for a sustainable energy future



Policy makers discuss confronting challenges of transformation



Finance & Investment focus for equitable economic growth and enhanced bi-lateral trade



Prime networking opportunities to facilitate dialogue between senior level executives and decision makers



Country Market Focus with unrivalled insight from Eastern-Western-Southern Africa regions



On-stage Interview with Africa's large upstream independent explorers led by CNBC Africa



Global Exposure to international and domestic oil, gas & energy value chain



Forge new operating models that will challenge conventional practices



Africa's Natural Gas inspect how the continent will succeed in it's role to decrease the carbon footprint



Power Generation meet with Utilities and IPPs, build strategic partnerships to meet Africa's growing energy demand

The full energy value chain will include:



GOVERNMENT LEADERS



NATIONAL OIL COMPANIES



INTERNATIONAL OIL COMPANIES



INDEPENDENT OIL & GAS OPERATORS



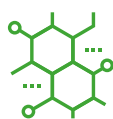
FINANCIERS & INVESTORS



GAS AND LNG COMPANIES



INTEGRATED ENERGY COMPANIES



TECHNOLOGY PROVIDERS



POWER GENERATION



TRANSMISSION & DISTRIBUTION



LEGAL AND INDUSTRY ANALYSTS

EVENT HIGHLIGHTS

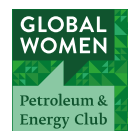


FREE TO ATTEND

“IN CONVERSATION WITH INDUSTRY EXPERTS”

1 – 3 OCTOBER, EXHIBITION FLOOR

A new feature of the 2018 Future Energy Africa Exhibition and Conference, FEA TV provides exhibitors and conference participants with an indispensable source of information, a dedicated platform for on-site interviews, “in conversation” dialogues, digitization megatrends, corporate commercials, knowledge sharing and industry insight. Companies using FEA TV can run a series of stirring, visually dynamic commercials that make attendees stop and take notice.



Hosted by

FRONTIER COMMUNICATIONS

Co-hosted by

dmg events

BUSINESS LUNCHEON IN AFRICA DEVELOPING GLOBAL CAPABILITY, PEOPLE & LOCAL CONTENT IN AFRICA'S OIL & GAS

With Guest Speaker

ENABLING NEW BUSINESS PARTNERSHIPS AND DIVERSE NETWORKING
OPPORTUNITIES WITHIN THE CONTINENT

2 October 2018, Bluebell & Watsonia, CTICC2, Cape Town, South Africa



EXCLUSIVE

FUTURE ENERGY AFRICA CLUB

The Future Energy Club is an exclusive membership club for the oil & gas industry in Africa and provides a platform for leading industry figures to interact at the highest level, privately and securely. The primary objective of The Club is to strengthen existing connections, whilst facilitating the establishment of new relationships between senior oil & gas executives on-site at the Future Energy Africa Exhibition & Conference.

To join as a member please contact:
info@futureenergyafrica.com



FREE TO ATTEND

CENTRE OF TECHNICAL EXCELLENCE (COTES)

Spanning upstream, midstream and downstream oil and gas with the integration of alternative energies, held over 3-days, COTES sessions are free-to-attend and located in the midst of Future Energy Africa's 1000+square meter exhibition set to attract 1,500+ visitors and 50+ technical industry experts producing 20+ hours of inventive content.

Register to attend:
www.futureenergyafrica.com/registration



DOWNLOAD NOW

EVENT MOBILE APPLICATION

Join the Modern Approach to Attendee Engagement

Use the event app to connect with other attendees and foster engagement in three powerful ways:

Connect with peers: Find and communicate with like-minded. Networking is one of the top reasons to attend a conference or Exhibition!

Connect with content: Stay up-to-date with schedules, speaker profiles, notifications and interactive maps.

Connect with the brand: Build brand equity and gamify the event experience while you have other attendees' attention

STRATEGIC CONFERENCE AGENDA



300⁺

CONFERENCE DELEGATES



60⁺

EXPERT SPEAKERS



30⁺

GOVERNMENTS/MINISTERS

STRATEGIC SPEAKERS



H.E. Jeff Radebe
Minister of Energy
Department of
Energy, Republic of
South Africa



Patrick Akorli
Group Chief
Executive Officer &
Managing Director
Ghana Oil Company



Lucy Chege
Head-Energy,
Environment & ICT
Development Bank of
Southern Africa



Kholly Zono
Acting Group Chief
Executive Officer
PetroSA



Eng. Isaac Kiva
Director of
Renewable Energy
Ministry of Energy
Kenya



Taher Ali
Vice President - Africa
Al Khorayef
Petroleum Company



Hon. Irene Muloni
Minister of Energy and
Mineral Development
Uganda



Niall Kramer
Chief Executive Officer
South African Oil & Gas
Alliance



Paul Eardley-Taylor
Head of Oil & Gas,
Southern Africa
Standard Bank



Lindiwe Mekwe
Acting CEO & General
Manager
Petroleum Agency SA



Robin Sutherland
General Manager
New Ventures
Tullow Oil



Hon. Pr. Tiemoko Sangare,
Ministre
des Mines du Mali



Telma Ingles
Executive Manager
Angola LNG Limited



Dr. Christopher Marks
Managing Director & Head
of Emerging Markets,
EMEA Mitsubishi UFJ
Financial Group



Alan Mukoki
Chief Executive Officer
South African Chamber
of Commerce and
Industry



Dr. Akinwale Aboyade
Senior Energy
Specialist, Power
Africa, USAID
Southern Africa



James Yamoah
Chief Operating Officer
Ghana National
Petroleum Corporation



Chris Bredenhann
Partner & Director
PwC



Peter Vivian-Neal
Chief Executive Officer
Kalahari GeoEnergy



Mahama Kappiah
Executive Director
ECOWAS Regional
Centre for Renewable
Energy & Energy
Efficiency (ECREEE)



Vincent Ladougne
Business
Development
Director
Ponticelli

STRATEGIC SPEAKERS



H.E. Mahaman Laouan Gaya
Secretary General
African Petroleum
Producers' Organization



Eric Williams
President
Royal Triangle Energy
Solutions



Ernesto Bonafe
Head of Expansion
International Energy
Charter



Galib Virani
Partner
LOA Energy



Dr. Xolani Ngobese
Director for Infrastructure
Financing & PPP
Municipal Infrastructure
Support Agency (MISA)



Hany Ibrahim,
Operations & Natural
Gas Grids Dept.,
EGAS & Department
Manager
Gas Regulatory
Authority, Egypt



Dr. Eng. Harrison Mutikanga
Chief Executive Officer
Uganda Electricity
Generation
Company Ltd



Peter Ballinger
Managing Director
Africa
Overseas Private
Investment
Corporation



Dr Thulani Dlamini
Chief Executive Officer
Council for Industrial
and Scientific
Research (CSIR)



Austin Avuru
Chief Executive Officer
Seplat Petroleum
Development
Company Plc



Igor Hulak
Partner, Head of
Utilities & Oil & Gas
Practices in West
Africa
A.T. Kearney



Ahmed Ag Mohamed
Director General
Authority for the
Promotion of Oil
Research, Mali



Eng. Ziria Tibalwa Waako
Chief Executive Officer
Electricity Regulatory
Authority (ERA) Uganda



Luca Cosentino
Energy Solutions
Executive Vice President
Eni S.p.a.



Margaret Nongo-Okojoku
Editor
Orient Energy Review



Matthew Furness
Africa Regional
Manager
Bechtel Oil, Gas &
Chemicals



Eng. Mohamud Hagi Salah
Senior Energy Advisor
Ministry of Energy and
Water Resource, Federal
Government of Somalia



Dr. Rod Crompton
Director, Energy
Leadership Centre,
Wits Business School
& Board Member
Eskom



**Joseph Medou
Petrosen**
Director, E&P



Fred Kabanda
Division Manager
Extractives, African Natural
Resources Centre
African Development
Bank, Cote d'Ivoire



Denver Dreyer
Chief Executive
Officer
WorleyParsons



**Wisdom Ahiataku-
Togobo**
Director Renewable
Energy
Ministry of Energy
Ghana



Karen Breytenbach
Head of IPP Office
Republic of South
Africa

STRATEGIC CONFERENCE MODERATORS



Donna Shodipo
Partner
ACAS-Law



Didi Akinyelure
Business
Correspondent
Thomson Reuters



Steve Husbands
Head of Commercial Oil
and Gas Advisory
SLR Consulting Limited



Jean-Pierre Favenec
President
Association for the
Development of Energy
in Africa



Bronwyn Nielsen
Africa Editor-at-Large
CNBC Africa

CENTRE OF TECHNICAL EXCELLENCE SEMINAR MODERATORS



Joe Watson Gakuo
Chief Executive Officer
Upstream Oil & Gas Ltd



Saurabh Kajaria
Head of Frac
Operations
BHGE, Shale 360TM



Dr. Mayowa Afe
Managing Director
Danvic Petroleum
International Corp

DAY 1

STRATEGIC CONFERENCE AGENDA

MONDAY 1 OCTOBER 2018

SEPARATELY BOOKABLE



07:30

Registration & Networking Coffee

09:00 – 09:10

Welcome Remarks by Chairman



Christopher Hudson, President, **dmg events, Energy Division**

09:10 – 09:30

Opening Welcome Address
South Africa's Transition to a Low-Carbon Economy by 2030: Key Challenges & Developments



His Excellency, Jeff Radebe, Minister of Energy, Department of Energy of the Republic of South Africa

09:30 – 11:00

Session 1: Ministerial Panel Discussion
Regulating & Transforming the Hydrocarbon Sector to Foster a Secure, Sustainable and Affordable Energy Landscape



Hon. Pr. Tiemoko Sangare, Ministre des Mines du Mali



Hon. Irene Muloni, Minister of Energy and Mineral Development, **Uganda**

Moderator:



Didi Akinyelure, Business Correspondent, **Thomson Reuters**

11:00 – 11:30

Morning Coffee & Networking

11:30 – 13:00

Session 2: Africa's IOC-NOC's Panel Discussion:
Re-Inventing Strategies & Promoting Industry-Wide Collaboration to Meet Africa's Energy Needs



Luca Cosentino, Energy Solutions, Executive Vice President **Eni S.p.a.**



James Yamoah, Chief Operating Officer, **Ghana National Petroleum Corporation**



Kholly Zono, Acting Group Chief Executive Officer, **PetroSA**

Moderator:



Chris Bredenhann, Partner & Director, **PwC**

Interactive Q&A

13:00 – 14:00

Conference Luncheon & Networking

14:00 – 15:45

Session 3: Presentations:
Confronting Challenges of Transformation & Policy Frameworks for Africa's Growth



H.E. Mahaman Laouan Gaya, Secretary General **African Petroleum Producers' Organization**

Extractives: Provision of Clean and Competitive Energy for Africa



Fred Kabanda, Division Manager, Extractives, African Natural Resources Centre, **African Development Bank**, **Cote d'Ivoire**



Eng. Mohamud Hagi Salah, Senior Energy Advisor, Ministry of Energy and Water Resource, **Federal Government of Somalia**



Ernesto Bonafe, Head of Expansion, **International Energy Charter**

DAY 1

STRATEGIC CONFERENCE AGENDA

MONDAY 1 OCTOBER 2018

SEPARATELY BOOKABLE

Petroleum Charter: Development, Implementation and On-Going Aftermath



Dr. Rod Crompton, Director, Energy Leadership Centre, Wits Business School & Board Member, **Eskom**

Moderator:



Donna Shodipo, Partner, **ACAS-Law**

Q&A

15:45 - 16:15

Afternoon Coffee & Networking

16:15 - 16:45

Session 4: On-Stage Interview:
Independent Player: Opportunities for E&P Development: Understanding the Risks & Maximising Rewards for Operational Success

Supported by



Robin Sutherland, General Manager, New Ventures, **Tullow Oil**

Moderator:



Bronwyn Nielsen, Editor-at-Large, **CNBC Africa**

Interactive Q&A

16:45 - 17:05

Mali Promotion: Mali's Acreage and Exploration Potential



Ahmed Ag Mohamed, Director General, **Authority for the Promotion of Oil Research, (AUREP), Mali**

17:30

Closing Remarks

18:00

VIP Networking Dinner, Life Grand Cafe, V&A Waterfront
Exclusive to VIPs, Ministers, Speakers and Conference Delegates



07:30 Registration & Networking Coffee

09:00 Opening Remarks & Industry Overview

09:10 - 10:10 Session 5: Global Leaders Panel Discussion
Western Africa in the Spotlight: Unlocking The Region's E&P Potential



Austin Avuru, Chief Executive Officer, **Seplat Petroleum Development Company Plc**



Joseph Medou, Director E&P, **Petrosen**



Patrick Akorli, Group Chief Executive Officer & Managing Director, **Ghana Oil Company**



Igor Hulak, Partner, Head of Utilities & Oil & Gas Practices in West Africa, **A.T. Kearney**

Western Africa
Strategic Partner



Moderator:



Jean-Pierre Favennec, President, **Association for the Development of Energy in Africa**

Interactive Q&A

10:30 - 11:00 Morning Coffee & Networking

11:00 - 13:00 Session 6: Presentations
Fueling the Future: Innovative Finance & Investment Models for Africa's Energy Transition

Driving Economic Growth for Africa's Energy Transformation



Dr. Christopher Marks, Managing Director & Head of Emerging Markets, **EMEA, Mitsubishi UFJ Financial Group**

Mozambique's LNG Finance & Investments: Risks & Opportunities for East Africa



Paul Eardley-Taylor, Head of Oil & Gas, **Southern Africa, Standard Bank**

Up-Scaling Investment in Africa's Energy Markets



Peter Ballinger, Managing Director, **Africa, Overseas Private Investment Corporation**

Emerging Markets & Access to Strategic Capital



Galib Virani, Partner, **LOA Energy**

Q&A

13:00 - 14:00

Conference Luncheon & Networking
Open to All Registered Conference Attendees

13:00 - 15:00

Business Luncheon in Africa

Hosted by

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FRONTIER COMMUNICATIONS

dmg events

Developing Global Capability, People & Local Content in Africa's Oil & Gas - *With Guest Speaker*

Global Women Petroleum & Energy Club Award for Excellence in Africa 2018 Recipient:

Selma Usiku, Exploration Geologist, Azinam Exploration Namibia (Pty) Ltd

Venue: Bluebell & Watsonia, Level 2

SEPARATELY BOOKABLE

14:00 - 15:45

Session 7: Presentations

The Growing Importance of Gas in the Africa Energy Mix: A New Era



Karen Breytenbach, Head of IPP Office, **Republic of South Africa**



Hany Ibrahim, Operations & Natural Gas Grids Dept., **EGAS** & Department Manager, **Gas Regulatory Authority, Egypt**



Niall Kramer, Chief Executive Officer, **South African Oil & Gas Alliance**



Dr. Eng. Harrison E. Mutikanga, Chief Executive Officer, **Uganda Electricity Generating Company**



Matthew Furness, Africa Regional Manager, **Bechtel Oil, Gas & Chemicals**



Telma Ingles, Executive Manager, **Angola LNG Limited**

Moderator:



Steve Husbands, Head of Commercial Oil and Gas Advisory **SLR Consulting Limited**

Q&A

15:45 - 16:15

Afternoon Coffee & Networking

16:15 - 17:45

Session 8: Presentations:

Increasing & Strengthening Local Content: Africa's Evolving Hydrocarbon Industry

Strengthening Local Content Competencies in Africa's Hydrocarbon Industry



Denver Dreyer, Chief Executive Officer, **WorleyParsons**

Stimulating Local Content Development in a Rapidly Changing Market



Eric Williams, President, **Royal Triangle Energy Solutions**

Local Content Execution Plan for International Contractors



Vincent Ladougne, Business Development Director, **Ponticelli**

South Sudan: Establishing a Solid Local Content Framework to Build Domestic Capacity



Taher Ali, Vice President - Africa, **Al Khorayef Petroleum Company**

Eliciting Future Oil/Gas & Energy Solutions from Rightly Impacting a Critical Mass of Young Professionals Today



Margaret Nongo-Okojoku, Editor, **Orient Energy Review**

Moderator:



Taher Ali, Vice President - Africa, **Al Khorayef Petroleum Company**

Q&A

17:45

Closing Remarks

18:00

Mali's Energy Future: Networking Reception, 2nd October 2018

Guest of Honour: Mali's Energy Future



Hon. Pr. Tiemoko Sangare, **Ministre des Mines du Mali**

Drinks & Canapés – African Style

Bluebell & Watsonia, CTICC 2

Open to Speakers, Conference Participants, Invited Industry Experts and Exhibitors

07:30 Registration & Networking Coffee

09:00 Chairman's Opening Remarks & Overview

09:10 - 10:45 **Session 9: Open Forum Discussion**
Future Energy Mix: Examining Southern Africa's Evolving Energy Landscape Beyond 2030



Lindiwe Mekwe, Acting CEO & General Manager, Petroleum Agency SA



Lucy Chege, Head-Energy, Environment & ICT, Development Bank of Southern Africa



Alan Mukoki, Chief Executive Officer, South African Chamber of Commerce & Industry



Peter Vivian-Neal, Chief Executive Officer, Kalahari GeoEnergy



Dr. Xolani Ngobese, Director for Infrastructure Financing & PPP, Municipal Infrastructure Support Agency (MISA)



Dr. Akinwale Aboyade, Senior Energy Specialist, USAID, Southern Africa

Moderator:  **Bronwyn Nielsen**, Africa Editor-at-Large, CNBC Africa

Interactive Q&A

10:45 - 11:15 Morning Coffee & Networking

11:15 - 13:00

Session 10: Presentations
Reducing Greenhouse Gas Emissions and the Role of Renewable Energies



Wisdom Ahiataku-Togobo, Director, Renewable Energy, Ministry of Energy, Ghana



Dr. Thulani Dlamini, Chief Executive Officer, Council for Industrial and Scientific Research (CSIR)



Eng. Isaac Kiva, Director of Renewable Energy, Ministry of Energy, Kenya



Mahama Kappiah, Executive Director, ECOWAS Regional Centre of Renewable Energy & Energy Efficiency (ECREEE)



Ziria Tibalwa Waako, Chief Executive Officer, Electricity Regulatory Authority, Uganda

Q&A

13:00 - 13:15

Closing Remarks by Chairman – Future Energy Africa Oil & Gas Exhibition & Conference 2019 Announcement

13:15 - 14:15

Luncheon & Networking

14:15

Close of Conference

CENTRES OF TECHNICAL EXCELLENCE SEMINARS (COTES) AGENDA



50⁺

TECHNICAL EXPERTS



12⁺

INTERACTIVE SESSIONS



8⁺

TECHNICAL CATEGORIES

CENTRES OF TECHNICAL EXCELLENCE SEMINARS (COTES) - CATEGORIES

Upstream Oil
& GasOperations,
Maintenance &
Integrity Management
In Oil & GasGas Processing
TechnologyFloating LNG:
Liquefaction &
RegasificationPower Generation
& UtilitiesTransmission &
Distribution

E&P Geoscience

Gas Field
Development &
Planning

SESSION 1

Time: 09:30 - 10:45
COTES Theatre, Exhibition Floor

E&P GEOSCIENCE

E&P Challenges & Opportunities | Applied Geophysics | Basin
Analysis & Mature Fields | Reservoir Characterisation

09:30 - 09:45

Hilton Banda, President, Geoscientist Association of Malawi-GAM

Moderator:

Joe Watson Gakuo, Chief Executive Officer, Upstream Oil & Gas Ltd

10:30 - 10:45

Panel Q&A

SESSION 2

Time: 11:15 - 12:00
COTES Theatre, Exhibition Floor

UPSTREAM OIL & GAS

African Potential for Unconventional Hydrocarbons | Exploration
& Production Geoscience Technologies and Applications

11:15 - 11:30

Generating Accurate Gas Production Profile
Mohamed Shaaban, Reservoir Engineer Expert
ENI

11:30 - 11:45

Challenges of Depth Uncertainty in the African Region and their
Mitigation
Jamal Ahmad, Deputy Manager Geophysics
Essel Group

11:45 - 12:00

Panel Q&A

SESSION 3

Time: 13:30 - 15:00
COTES Theatre, Exhibition Floor

UPSTREAM OIL & GAS

Decommissioning of Offshore Upstream Infrastructure

13:30-13:45 **Preparing for Future Decommissioning**
Vindhya Patil, Legal Consultant,
Dar Al-Adalah Advocates & Legal Consultants

Production Facilities Technologies

13:45 - 14:00 **Use of intelligence in Rod Lift Systems to Produce Unconvincing Wells Economically**
Mohamed Ghareeb Ahmed, Vice President,
Eastern Hemisphere, SSI Artificial Lift

14:00 - 14:15 **Preliminary Guide Matrix for Selecting the Proper Natural Gas Treatment Methods**
Mohamed Maghraby, Gas Operations General Manager,
Agiba Petroleum Company

14:15 - 14:30 **Reducing Running Costs In Gas/Oil Separation Plants With TVP Mirrorless Solar Thermal Panels**
Jonathan Koifman, Head of Technical Pre-Sales & Marketing,
TVP Solar

14:30 - 14:45 **Fit up and Welding of Pup Piece to Casing Head Weldment**
Raymond Davis, President,
Decundi Inspection Services, LLC

14:45 - 15:00 **Panel Q&A**

SESSION 4

Time: 15:30 - 17:30
COTES Theatre, Exhibition Floor

UPSTREAM OIL & GAS

Drilling & Completion Technologies

15:30 - 15:45 **Model-Based Emissions Management Systems: Managing Energy, Emissions, and Regulatory Reporting in Gas Processing**
Michel Tia, Senator,
International Parliament

15:45 - 16:00 **Intelligent Top Drive**
Anders Henrik Holm, Segment Product Champion,
Cameron, a Schlumberger Company

16:00 - 16:15 **Foam Cement Implementation: Deepwater Angola Case Studies**
Gerson Andrade, Product Line Manager,
Baker Hughes, a GE Company

16:15 - 16:30 **Case Study: Application of Casing - Drilling Technique in the Western Desert Fields of Egypt**
Ahmed Abdelaziz, Drilling Engineer,
Khalda Petroleum Company

16:30 - 16:45 **Cuttings Reinjection - Environmental Friendly Technology, Challenges and Recent Advances**
Eduardo Bianco, iWISE Sub-Surface Technical Service Engineer,
MI-SWACO, a Schlumberger Company

16:45 - 17:00 **Low Cost Wells Changed Field Economics: A Case Study of Sui Field**
Umair Ahmed Baig, Drilling Engineer,
Pakistan Petroleum Limited

17:00 - 17:15 **Drilling Fluids Automix**
Vidar Hestad, Segment Product Champion,
Cameron, a Schlumberger Company

Moderator: Saurabh Kajaria, Head of Frac Operations, BHGE, Shale 360TM

17:15 - 17:30 **Panel Q&A**

SESSION 5

Time: 09:30 – 10:30
COTES Theatre, Exhibition Floor

UPSTREAM OIL & GAS

Improved Oil Recovery / Enhanced Oil Recovery

09:30 – 09:45 Innovative Case Studies: Multi Well Hydraulic Intervention Campaigns using Unique Flow Access Technology
Tom Bryce, Marketing Director,
Enpro-Subsea

09:45 – 10:00 Case Study FNE Field: The Effect of Casing and Cementing Integrity on Thermal Well's Performance
Ali Faroug, Consultant of Production & EOR,
Sudapet

10:00 – 10:15 Panel Q&A



SESSION 6

Time: 11:00 – 12:45
COTES Theatre, Exhibition Floor

GAS PROCESSING TECHNOLOGY

Acid Gas Removal & Sulphur Recovery

11:00 – 11:15 Reducing Topsides Complexity in Offshore Gas Conditioning Facilities
Twan Verweij, Conceptual Design Engineer,
Twister B.V.

Liquefaction & Cryogenic Process

11:15 – 11:30 Turboexpanders: Modern Workhorse for Process Refrigeration and Power Recovery
Joseph K Lillard, Technology Manager,
Atlas Copco Gas and Process

FLOATING LNG: LIQUEFACTION & REGASIFICATION

Ship to Ship Transfers and Mooring Design

11:30 – 11:45 New Rules for Classification of FSRUs
Philippe Cambos, Director,
Bureau Veritas, France

GAS FIELD DEVELOPMENT & PLANNING

Integrated Supply Chain Modelling and System Debottlenecking

11:45 – 12:00 Domestic LNG Gas Supply Chain: Against the Odds
Excel Ukpohor, Asset Reference Plan Coordinator,
Nigeria LNG

12:00 – 12:15 Panel Q&A

SESSION 7

Time: 13:15 - 14:45
COTES Theatre, Exhibition FloorOPERATIONS, MAINTENANCE & INTEGRITY
MANAGEMENT IN OIL & GAS

Operations & Maintenance

13:15 - 13:30

The Good, The Bad and The Ugly: Prisoner's Dilemma
Luca Sommariva, Partner,
K&L Gates, UK

13:30 - 13:45

Advancing Pipeline Isolation Design/ Material with Chemical and Permeation Issues
Robert Colton, Business Manager & Director EMEA,
GPT Industries UK

13:45 - 14:00

Assessment of Corrosion under Insulation and Engineered Temporary Wraps using Pulsed Eddy-Current Techniques
Mike Dixon, Contract Manager,
TRAC Oil & Gas, UK

14:00 - 14:15

An innovative Solution to Reduce Offshore Structural Maintenance OPEX
Navin Shanmuganandam, Business Development for Africa & Middle East,
Ocean Atlantic Petroleum, Angola

14:15 - 14:30

Panel Q&A

SESSION 8

Time: 15:00 - 17:00
COTES Theatre, Exhibition FloorOPERATIONS, MAINTENANCE & INTEGRITY
MANAGEMENT IN OIL & GAS

Digital & Data Management

15:00 - 15:15

Digital Fuel Management
Florence Lamaswala, Chief Information Officer,
ifll

15:15 - 15:30

Digitalization Driving New Golden Decade for Majors
Mostafa Abdelkhalek, Reservoir Manager,
Royal Dutch Shell

Life Extension of Plants

15:30 - 15:45

New Keys to Successful Revamping / Brownfield Project Execution
Vincent Ladougne, Business Development Director,
Ponticelli

15:45 - 16:00

Life of Field is More Than Just 'Existence'
Richard Moralee, Head of Sales - Subsea Production Systems /
Subsea Technical Authority,
Proserv UK Ltd

16:00 - 16:15

Life Extension of an Offshore Platform and Pipeline
Emmanuel Iyeh, Project Engineer,
Addax Petroleum

Security in Critical Infrastructure

16:15 - 16:30

"Stacking" & Preserving Software & IT Assets
Jim Ford, Chief Executive Officer,
Guard-IT Corporation, US

Data in a Digital World

16:45 - 17:00

Digital Data
Florence Lamaswala, Chief Information Officer,
ifll

17:00 - 17:15

Panel Q&A

SESSION 9

Time: 09:30 – 11:00
COTES Theatre, Exhibition Floor

POWER GENERATION & UTILITIES

Overcoming Distributed Demand

09:30 – 09:45 **Improving Reliability, Affordability and Sustainability with Turbine Augmentation**
Peter Gibson, Chairman & CEO,
Stellar Energy, USA

Challenges of Bringing New Plants Online

09:45 – 10:00 **Generation & Distribution: Growth and Industrialization of Regional Economies of Nigeria**
Dr. Sashi Mozumder, Project Director,
Contec Global Energy Ltd, Nigeria

Challenges of Integrating Renewable Energies Into Existing Infrastructure

10:00 – 10:15 **Designing Integrated Ground Heat Pump with a Solar Thermal Absorption Chiller for Cooling & Heating**
Mohamed ElSadek, Sustainable Energy Engineer,
ONSPEC TAWAKOL

10:15 – 10:30 **Techno-Economic and Investment Analysis of Concentrated Solar Power Projects in Nigeria**
Olutosin Ogunleye, CPEEL University of Ibadan,
Nigeria

10:30 – 10:45 **Renewable Energy: Will it be a Solution for Future Global Energy?**
Okochi John Michael Maxel, Lecturer & Consultant,
Smishel International Consulting Group, Uganda

10:45 – 11:00 **Panel Q&A**

SESSION 10

Time: 11:30 – 12:30
COTES Theatre, Exhibition Floor

TRANSMISSION & DISTRIBUTION

Improving Efficiency and Operational Standards

11:30 – 11:45 **Cost Reduction: In-Depth Review for the Future & Sustainability**
Dr. Tamer Badwy, Contracts & Procurement Manager,
BP Egypt

11:45 – 12:00 **Evaluation of Electrical Energy Demand: Management Measures for Nigeria's Residential Sector**
Olusola Akinsanya, Chief Lecturer, Federal Polytechnic,
Ado Ekiti Nigeria

Managing and Ensuring Power Quality

12:00 – 12:15 **Strategic Management of Electricity Generation: Lessons from China's Energy Sector**
Okochi John Michael Maxel, Lecturer & Consultant,
Smishel International Consulting Group, Uganda

12:15 – 12:30 **Panel Q&A**

SESSION 11

Time: 13:30 – 15:30
COTES Theatre, Exhibition Floor

DOWNSTREAM & REFINING

Digital Transformation for Downstream Operations

13:30 – 13:45 **The Path to Sustainable Energy Efficiency**
Andrew Dennant, Refining Director,
Emerson

Project Management, Engineering Technology and Implementation

13:45 – 14:00 **A Critical Examination of Refinery Oil Demand Dynamics**
Okoche John Michael Maxel, Lecturer / Consultant,
Smishel International Consulting Group

14:00 – 14:15 **Overcoming Refinery Feedstock Challenges using Modern Desalters**
Marcus D. Sprenkel, Principal Engineer,
Schlumberger OneSurface, USA

14:14 – 14:30 **Enhancing Offshore Platforms**
Abdallah Farahat, Senior I&C Projects Engineer,
Agiba Petroleum Company

Future Marketing, Distribution and Application of Refined Products

14:30 – 14:45 **West African Energy Market Integration: Natural Gas Success Factors and Challenges**
Excel Ukpohor, Asset Reference Plan Coordinator,
Nigeria LNG

14:45 – 15:00 **Distribution of Acids in Crude Oil Products**
Mohammed Abdallah Hussein, R&D Chemist,
Ministry of Oil & Gas, Sudan

15:00 – 15:15 **Enhancing Offshore Platforms**
Abdallah Farahat, Senior I&C Projects Engineer,
Agiba Petroleum Company

15:15 – 15:30 **Panel Q&A**

SESSION 12

Time: 16:00 – 17:00
COTES Theatre, Exhibition Floor

UPSTREAM OIL & GAS

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African Potential for Unconventional Hydrocarbons

16:00 – 16:10 **Egypt's Shale: Mapping the Unconventional Hydrocarbon Potential from Western Desert to North & South Gulf of Suez**
Keynote Address: Dr. Rod Crompton, Director, Energy Leadership Centre,
Wits Business School
Nadine El Tanahy, Undergraduate, Student and Production Engineering Assistant,
The American University, Egypt

16:10 – 16:20 **New Potential for Unconventional Oil and Gas Resources**
Ahmed Farag, Student,
Future University in Egypt**

16:20 – 16:30 **Improving Bitumen Transportation by Ultra-Sound Stimulation**
Ronald Nguete, Assistant Professor,
Kyushu University, Japan

Exploration & Production Geoscience Technologies and Applications

16:30 – 16:40 **Systematic Evaluation of Fault Seal Integrity in the Southern Pletmos Basin, Offshore South Africa**
Sanelisiwe Mhlambi, Post-Graduate Student,
University of the Western Cape

16:40 – 16:50 **Inversion of Acoustic Properties and Pore Pressure Ahead of the Drill-Bit Using Borehole Seismic Data**
Rufino David, Student,
Universidade Agostinho Neto

Moderator: **Dr. Mayowa Afe**, Managing Director, **Danvic Petroleum International Corp**

16:50 – 17:00 **Panel Q&A**



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