HELD UNDER THE PATRONAGE OF H.E. JEFF RADEBE, MINISTER OF ENERGY, DEPARTMENT OF ENERGY OF THE REPUBLIC OF SOUTH AFRICA

FUTURE ENERGY AFRICA
OIL & GAS EXHIBITION & CONFERENCE

1-3 OCTOBER 2018
CAPE TOWN INTERNATIONAL CONVENTION CENTRE 2, SOUTH AFRICA

AFRICA’S INTEGRATED OIL, GAS AND ENERGY TRANSFORMATION

EVENT BROCHURE

STRATEGIC PARTNER

PetroSA

ASSOCIATE SPONSORS

SUPPORTED BY

ORGANISED BY

WWW.FUTUREENERGYAFRICA.COM
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

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

Policy makers discuss confronting challenges of transformation

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

Forge new operating models that will challenge conventional practices

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

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

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

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

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

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

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

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

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

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

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

“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.

For a showcase opportunity, please contact: info@futureenergyafrica.com

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

Register to attend:
www.futureenergyafrica.com/registration

ABOUT THE FUTURE ENERGY 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. The Club draws members from major NOCs, IOCs and other major oil and gas companies. Membership is reserved and complimentary for C-Suite level, or equivalent, individuals and above.

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

ABOUT THE 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 heart of Future Energy Africa’s 1000+square meter exhibition set to attract 2500+ visitors and 50+ technical industry experts over 3-days producing 20+ hours of inventive content.

FREE TO ATTEND

For more information, visit www.futureenergyafrica.com
STRATEGIC CONFERENCE AGENDA

300+ Conference Delegates

75+ Expert Speakers

30+ Governments/Ministers
MINISTER RADEBE'S PROFILE

Minister Jeff Radebe currently holds the position of Minister of Energy in the Government of the Republic of South Africa. Minister Radebe is also a member of the Stewardship Board of the World Economic Forum (WEF) System Initiative on the Future of Education, Gender and Work (EGW). He is also appointed as a South African ambassador for Global Citizen and forms part of a movement of eight million Global Citizens across the world committed to tackling the world’s biggest challenges and ending extreme poverty. Amongst others, he heads the Policy Unit of the African National Congress and is a member of both its National Executive Committee as well as its National Working Committee. He is a member of the Central Committee of the South African Communist Party (SACP). Previously he has been, Minister of Public Works (1994 - 1999), later Minister of Public Enterprises (1999 – 2004), then Minister of Transport (2004 – 2009), Minister of Justice and Constitutional Development (2009 – 2014), Acting Minister of Health (2006-2007) and most recently Minister in the Presidency for Planning, Monitoring and Evaluation (2014 - 2018). Minister Radebe holds a B.Juris degree from the University of Zululand obtained in 1976; LLM in International Law from Leipzig University obtained in 1981 and studied at the Lenin International School, Moscow in 1985. He is the longest serving Cabinet Minister, having served as Minister since 1994 under Presidents Nelson Mandela, Thabo Mbeki, Kgalema Motlanthe, Jacob Zuma and currently under the incumbent President Cyril Ramaphosa.
2018 SPEAKERS

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

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

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

MODERATOR Donna Shodipo
Partner
ACAS-Law

MODERATOR Donia Tibalwa Waako
Chief Executive Officer
Electricity Regulatory Authority (ERA) Uganda

MODERATOR Ziria Tibalwa Waako
Managing Director,
Africas Overseas Private Investment Corporation

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

MODERATOR Didi Akinyelure
Business Correspondent
Thomson Reuters

MODERATOR Eleni S.p.a.
Energy Solutions Executive Vice President
Eni S.p.a.

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

MODERATOR Margaret Nongo-Okojokwu
Editor
Orient Energy Review

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Editor
Orient Energy Review

MODERATOR Walsh
President
Association for the Development of Energy in Africa

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

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

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Africa Regional Manager
Bechtel Oil, Gas & Chemicals

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

Wisdom Ahiantaku-Togobo
Director Renewable Energy
Ministry of Energy Ghana

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

Joseph Medou
Director, E&P
Petrossen

MODERATOR Bronwyn Nielsen
Africa Editor-at-Large
CNBC Africa

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

Denver Dreyer
Chief Executive Officer
WorleyParsons

Matthew Furness
Africa Regional Manager
Bechtel Oil, Gas & Chemicals

For more information, visit www.futureenergyafrica.com
### DAY 1
**STRATEGIC CONFERENCE AGENDA**
**MONDAY 1 OCTOBER 2018**

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<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Speaker(s)</th>
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<tbody>
<tr>
<td>07:30</td>
<td>Registration &amp; Networking Coffee</td>
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<tr>
<td>09:00 - 09:10</td>
<td>Welcome Remarks by Chairman</td>
<td>Christopher Hudson, President, dmg events, Energy Division</td>
</tr>
<tr>
<td>09:10 - 09:30</td>
<td>Opening Welcome Address</td>
<td>South Africa’s Transition to a Low-Carbon Economy by 2030: Key Challenges &amp; Developments</td>
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<td></td>
<td>His Excellency, Jeff Radebe, Minister of Energy, Department of Energy of the Republic of South Africa</td>
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<tr>
<td>09:30 - 11:00</td>
<td>Session 1: Ministerial Panel Discussion</td>
<td>Regulating &amp; Transforming the Oil, Gas and Energy Sector to Foster a Secure, Sustainable and Affordable Energy Landscape</td>
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<td>Hon. Dr. Emmanuel Ibe Kachikwu, Minister of State, Petroleum Resources of The Federal Republic of Nigeria</td>
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<td>Hon. Charles Keter, Cabinet Secretary, Ministry of Energy, Kenya</td>
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<td>Hon. Irene Muloni, Minister of Energy and Mineral Development, Uganda</td>
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<td>Didi Akinyelure, Business Correspondent, Thomson Reuters</td>
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<tr>
<td>11:00 - 11:30</td>
<td>Morning Coffee &amp; Networking</td>
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<tr>
<td>11:30 - 13:00</td>
<td>Session 2: Africa’s IOC-NOC’s Panel Discussion:</td>
<td>Re-Inventing Strategies for a Sustainable Oil, Gas &amp; Energy Future</td>
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<td>Luca Cosentino, Energy Solutions, Executive Vice President Eni S.p.a.</td>
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<td>James Yamoah, Chief Operating Officer, Ghana National Petroleum Corporation</td>
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<tr>
<td>13:00 - 14:00</td>
<td>Conference Luncheon &amp; Networking</td>
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<tr>
<td>14:00 - 15:30</td>
<td>Session 3: Global Leaders Panel Discussion</td>
<td>Eastern Africa Market Focus: Significant Opportunities Advancing East Africa’s Oil &amp; Gas Sector</td>
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<td>Ernest Rubondo, Executive Director, Petroleum Authority of Uganda</td>
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<tr>
<td>15:30 - 16:00</td>
<td>Afternoon Coffee &amp; Networking</td>
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<tr>
<td>16:00 - 17:30</td>
<td>Session 4: Presentations: Confronting Challenges of Transformation &amp; Oil &amp; Gas Policy Frameworks for Africa’s Growth</td>
<td>H.E. Mahaman Laouan Gaya, Secretary General African Petroleum Producers’ Organization</td>
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<td>Fred Kabanda, Division Manager, Extractives, African Natural, Resources Centre, African Development Bank, Cote d’Ivoire</td>
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<td>Ernesto Bonafe, Head of Expansion, International Energy Charter</td>
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<tr>
<td>17:30</td>
<td>Closing Remarks</td>
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<tr>
<td>18:00</td>
<td>VIP Networking Dinner</td>
<td>Life Grand Cafe, V&amp;A Waterfront</td>
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*For more information, visit [www.futureenergyafrica.com](http://www.futureenergyafrica.com)*

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*The conference program content is subject to change without prior notice.*

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**Moderator:**
- Kholly Zono, Acting Group Chief Executive Officer, PetroSA
- Chris Bredenhann, Africa Advisory Oil & Gas Industry Leader, PwC Africa Oil & Gas Advisory

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**Eastern Africa Strategic Partner**

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**MINISTER RADEBE’S PROFILE**

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His Excellency, Jeff Radebe, Minister of Energy, Department of Energy of the Republic of South Africa
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<td>Opening Remarks &amp; Industry Overview</td>
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<tr>
<td>09:15 – 10:30</td>
<td>Session 5: On-Stage Interview: Independent Players: Developing Deepwater Hydrocarbon Potential&lt;br&gt;&lt;br&gt;Moderator: Bronwyn Nielsen, Editor-at-Large, CNBC Africa</td>
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<td>10:30 – 11:00</td>
<td>Morning Coffee &amp; Networking</td>
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<td>11:15 – 13:00</td>
<td>Session 6: Global Leaders Panel Discussion Western Africa in the Spotlight: Unlocking The Region’s E&amp;P Potential&lt;br&gt;&lt;br&gt;Moderator: Jean-Pierre Favennec, President, Association for the Development of Energy in Africa</td>
</tr>
<tr>
<td>13:00 – 15:00</td>
<td>Business Luncheon in Africa&lt;br&gt;Developing Global Capability, People &amp; Local Content in Africa’s Oil &amp; Gas&lt;br&gt;With Guest Speaker</td>
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<tr>
<td>14:20 – 15:45</td>
<td>Session 7: Presentations&lt;br&gt;The Growing Importance of Gas in the Africa Energy Mix&lt;br&gt;&lt;br&gt;Niall Kramer, Chief Executive Officer, South African Oil &amp; Gas Alliance&lt;br&gt;Dr. Eng. Harrison E. Mutikanga, Chief Executive Officer, Uganda Electricity Generating Company&lt;br&gt;Matthew Furness, Africa Regional Manager, Bechtel Oil, Gas &amp; Chemicals&lt;br&gt;Telma Ingles, Executive Manager, Angola LNG Limited&lt;br&gt;Eric Williams, President, Royal Triangle Energy Solutions&lt;br&gt;Senior Executive, Power Africa, USAID (tentative)&lt;br&gt;&lt;br&gt;Moderator: Steve Husbands, Head of Commercial Oil and Gas Advisory SLR Consulting Limited</td>
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</table>
15:45 – 16:15 Afternoon Coffee & Networking

16:15 – 17:30 Session 8: 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

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

Galib Virani, Partner, LOA Energy

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

Interactive Q&A

17:30 Closing Remarks

18:00 Industry Cocktail Reception
Bluebell & Watsonia, CTICC 2
Open to Speakers, Conference Participants, Industry Experts and Exhibitors

For more information, visit www.futureenergyafrica.com
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<td>Chairman’s Opening Remarks &amp; Overview</td>
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<td>09:10</td>
<td>Session 9: Open Forum Discussion</td>
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<td>09:10</td>
<td>Future Energy Mix: Examining Southern Africa’s Evolving Energy Landscape Beyond 2030</td>
<td>Lindiwe Mekwe, Acting CEO &amp; General Manager, Petroleum Agency SA</td>
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<td>Lucy Chege, Head-Energy, Environment &amp; ICT, Development Bank of Southern Africa</td>
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<td>Alan Mukoki, Chief Executive Officer, South African Chamber of Commerce &amp; Industry</td>
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<td>Peter Vivian-Neal, Chief Executive Officer, Kalahari GeoEnergy</td>
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<td>Dr. Xolani Ngobese, Director for Infrastructure Financing &amp; PPP, Municipal Infrastructure Support Agency (MISA)</td>
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<td>14:00</td>
<td>Session 11: Presentations Increasing &amp; Strengthening Local Content: Africa’s Evolving Hydrocarbon Industry</td>
<td>Robert Pavel Oimeke, Director General, Energy Regulatory Authority, Kenya</td>
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<td>Mahama Kappiah, Executive Director, ECOWAS Regional Centre of Renewable Energy &amp; Energy Efficiency (ECREEE)</td>
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<td>Ziria Tibalwa Waako, Chief Executive Officer, Electricity Regulatory Authority, Uganda</td>
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<td>Bronwyn Nielsen, Africa Editor-at-Large, CNBC Africa</td>
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<td>15:30</td>
<td>Closing Remarks by Chairman – Future Energy Africa 2019 Announcement</td>
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<td>15:45</td>
<td>Close of Conference</td>
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CENTRES OF TECHNICAL EXCELLENCE SEMINARS (COTES) AGENDA

50+ Technical Experts
12+ Interactive Sessions
8+ Technical Categories
## CENTRES OF TECHNICAL EXCELLENCE SEMINARS (COTES) - CATEGORIES

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<th>Category</th>
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<tbody>
<tr>
<td>Upstream Oil &amp; Gas</td>
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<tr>
<td>Gas Field Development &amp; Planning</td>
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<tr>
<td>Power Generation &amp; Utilities</td>
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<tr>
<td>Operations, Maintenance &amp; Integrity Management In Oil &amp; Gas</td>
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<tr>
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<tr>
<td>Transmission &amp; Distribution</td>
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<tr>
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<tr>
<td>Gas Processing Technology</td>
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<td>Floating LNG: Liquefaction &amp; Regasification</td>
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</table>

### SESSION 1: E&P GEOSCIENCE

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

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

- **09:30 - 09:45**  
  Hilton Banda, President, Geoscientist Association of Malawi-GAM

- **10:30 - 10:45**  
  Panel Q&A

### SESSION 2: UPSTREAM OIL & GAS

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

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

- **11:15 - 11:30**  
  Pore Pressure Prediction in Unconventional Carbonate Reservoir  
  Munir El-Mahdy, Development Geologist  
  Khalda Petroleum Company

- **11:30 - 11:45**  
  Generating Accurate Gas Production Profile  
  Mohamed Shaaban, Reservoir Engineer Expert  
  ENI

- **11:45 - 12:00**  
  Challenges of Depth Uncertainty in the African Region and their Mitigation  
  Jamal Ahmad, Deputy Manager Geophysics  
  Essel Group

- **12:00 - 12:15**  
  Panel Q&A
### SESSION 3
**Time:** 13:30 - 15:00  
**COTES Theatre, Exhibition Floor**

#### UPSTREAM OIL & GAS

**Decommissioning of Offshore Upstream Infrastructure**

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<td>Use of intelligence in Rod Lift Systems to Produce Unconvincing Wells Economically</td>
<td>Mohamed Ghareeb Ahmed, Vice President, Eastern Hemisphere, SSI Artificial Lift</td>
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<tr>
<td>14:00-14:15</td>
<td>Preliminary Guide Matrix for Selecting the Proper Natural Gas Treatment Methods</td>
<td>Mohamed Maghraby, Gas Operations General Manager, Agiba Petroleum Company</td>
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<tr>
<td>14:15 - 14:30</td>
<td>Reducing Running Costs In Gas/Oil Separation Plants With TVP Mirrorless Solar Thermal Panels</td>
<td>Jonathan Koifman, Head of Technical Pre-Sales &amp; Marketing, TVP Solar</td>
</tr>
<tr>
<td>14:30 - 14:45</td>
<td>Fit up and Welding of Pup Piece to Casing Head Weldment</td>
<td>Raymond Davis, President, Decundi Inspection Services, LLC</td>
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<tr>
<td>14:45 - 15:00</td>
<td>Panel Q&amp;A</td>
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**Production Facilities Technologies**

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<td>14:15 - 14:30</td>
<td>Reducing Running Costs In Gas/Oil Separation Plants With TVP Mirrorless Solar Thermal Panels</td>
<td>Jonathan Koifman, Head of Technical Pre-Sales &amp; Marketing, TVP Solar</td>
</tr>
<tr>
<td>14:30 - 14:45</td>
<td>Fit up and Welding of Pup Piece to Casing Head Weldment</td>
<td>Raymond Davis, President, Decundi Inspection Services, LLC</td>
</tr>
<tr>
<td>14:45 - 15:00</td>
<td>Panel Q&amp;A</td>
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</table>

### SESSION 4
**Time:** 15:30 - 17:30  
**COTES Theatre, Exhibition Floor**

#### UPSTREAM OIL & GAS

**Drilling & Completion Technologies**

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Speaker</th>
</tr>
</thead>
<tbody>
<tr>
<td>15:45 - 16:00</td>
<td>Intelligent Top Drive</td>
<td>Anders Henrik Holm, Segment Product Champion, Cameron, a Schlumberger Company</td>
</tr>
<tr>
<td>16:00 - 16:15</td>
<td>Foam Cement Implementation: Deepwater Angola Case Studies</td>
<td>Gerson Andrade, Product Line Manager, Baker Hughes, a GE Company</td>
</tr>
<tr>
<td>16:15 - 16:30</td>
<td>Case Study: Application of Casing – Drilling Technique in the Western Desert Fields of Egypt</td>
<td>Ahmed Abdelaziz, Drilling Engineer, Khalda Petroleum Company</td>
</tr>
<tr>
<td>16:30 - 16:45</td>
<td>Cuttings Reinjection Solutions</td>
<td>Eduardo R. Bianco V., iWISE Sub-Surface Technical Service Engineer, MI-SWACO, a Schlumberger Company</td>
</tr>
<tr>
<td>16:45 - 17:00</td>
<td>Low Cost Wells Changed Field Economics: A Case Study of Sui Field</td>
<td>Umar Ahmed Baig, Drilling Engineer, Pakistan Petroleum Limited</td>
</tr>
<tr>
<td>17:00 - 17:15</td>
<td>Drilling Fluids Automix</td>
<td>Vidar Hestad, Segment Product Champion, Cameron, a Schlumberger Company</td>
</tr>
<tr>
<td>17:15 - 17:30</td>
<td>Panel Q&amp;A</td>
<td></td>
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</tbody>
</table>

For more information, visit [www.futureenergyafrica.com](http://www.futureenergyafrica.com)
SESSION 5  Time: 09:30 – 10:30  COTES Theatre, Exhibition Floor

UPSTREAM OIL & GAS

Improved Oil Recovery / Enhanced Oil Recovery

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  Field-Development-Plan Optimization for Recovery Improvement Case Study, Neag-2, Western Desert, Egypt
Mohamed Fahmy, Senior Reservoir Engineer, BaPetCo

10:15 – 10:30  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 Topside 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 Odd
Excel Ukpohor, Asset Reference Plan Coordinator, Nigeria LNG

12:00 - 12:15  Panel Q&A
### SESSION 7

**Time:** 13:15 - 14:45  
**Location:** COTES Theatre, Exhibition Floor  
**Topic:** Operations, Maintenance & Integrity Management in Oil & Gas  
**Session:** Operations & Maintenance

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Speaker</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>13:30 - 13:45</strong></td>
<td>Advancing Pipeline Isolation Design/ Material with Chemical and Permeation Issues</td>
<td>Robert Colton, Business Manager &amp; Director EMEA, GPT Industries UK</td>
</tr>
<tr>
<td><strong>13:45 - 14:00</strong></td>
<td>Assessment of Corrosion under Insulation and Engineered Temporary Wraps using Pulsed Eddy-Current Techniques</td>
<td>Mike Dixon, Contract Manager, TRAC Oil &amp; Gas, UK</td>
</tr>
<tr>
<td><strong>14:00 - 14:15</strong></td>
<td>An innovative Solution to Reduce Offshore Structural Maintenance OPEX</td>
<td>Petter Eriksen, Vice President Sales &amp; Marketing, Ocean Atlantic Petroleum, Angola</td>
</tr>
<tr>
<td><strong>14:15 - 14:30</strong></td>
<td>Innovative Methodology to Proactively Control and Maintain Integrity of Small Bore Connection under Vibration Environment</td>
<td>Suppachai Pewkliang, Inspection Engineer, PTTEP</td>
</tr>
<tr>
<td><strong>14:30 - 14:45</strong></td>
<td>Panel Q&amp;A</td>
<td></td>
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</table>

### SESSION 8

**Time:** 15:15 - 17:15  
**Location:** COTES Theatre, Exhibition Floor  
**Topic:** Operations, Maintenance & Integrity Management in Oil & Gas  
**Session:** Digital & Data Management

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Speaker</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>15:15 - 15:30</strong></td>
<td>Digital Fuel Management</td>
<td>Florence Lamaswala, Chief Information Officer, ifll</td>
</tr>
<tr>
<td><strong>15:30 - 15:45</strong></td>
<td>Digitalization Driving New Golden Decade for Majors</td>
<td>Mostafa Abdelkhalek, Reservoir Manager, Royal Dutch Shell</td>
</tr>
<tr>
<td><strong>15:45 - 16:00</strong></td>
<td>New Keys to Successful Revamping / Brownfield Project Execution</td>
<td>Vincent Ladougne, Business Development Director, Ponticelli</td>
</tr>
<tr>
<td><strong>16:00 - 16:15</strong></td>
<td>Life of Field is More Than Just ‘Existence’</td>
<td>Richard Moralee, Head of Sales - Subsea Production Systems / Subsea Technical Authority, Proserv UK Ltd</td>
</tr>
<tr>
<td><strong>16:15 - 16:30</strong></td>
<td>Life Extension of an Offshore Platform and Pipeline</td>
<td>Emmanuel Iyeh, Project Engineer, Addax Petroleum</td>
</tr>
<tr>
<td><strong>16:30 - 16:45</strong></td>
<td>“Stacking” &amp; Preserving Software &amp; IT Assets</td>
<td>Jim Ford, Chief Executive Officer, Guard-IT Corporation, US</td>
</tr>
<tr>
<td><strong>16:45 - 17:00</strong></td>
<td>Al and Big Data to Mitigate Risks and Reduce Costs to Unleash Operations Offshore Africa</td>
<td>Florent Violain, Head of Offshore Operations, eOdyn</td>
</tr>
<tr>
<td><strong>17:00 - 17:15</strong></td>
<td>Digital Data</td>
<td>Florence Lamaswala, Chief Information Officer, ifll</td>
</tr>
<tr>
<td><strong>17:15 - 17:30</strong></td>
<td>Panel Q&amp;A</td>
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</tbody>
</table>
### SESSION 9

**Power Generation & Utilities**

**Session Title:** Overcoming Distributed Demand

<table>
<thead>
<tr>
<th>Time</th>
<th>Session Title</th>
<th>Speaker/Presenter</th>
</tr>
</thead>
<tbody>
<tr>
<td>09:30 – 09:45</td>
<td>Improving Reliability, Affordability and Sustainability with Turbine Augmentation</td>
<td>Peter Gibson, Chairman &amp; CEO, Stellar Energy, USA</td>
</tr>
<tr>
<td>09:45 – 10:00</td>
<td>Challenges of Bringing New Plants Online</td>
<td>Dr. Sashi Mozumder, Project Director, Contec Global Energy Ltd, Nigeria</td>
</tr>
<tr>
<td>10:00 – 10:15</td>
<td>Challenges of Integrating Renewable Energies Into Existing Infrastructure</td>
<td>Mohamed ElSadek, Sustainable Energy Engineer, ONSPEC TAWAKOL</td>
</tr>
<tr>
<td>10:15 – 10:30</td>
<td>Techno-Economic and Investment Analysis of Concentrated Solar Power Projects in Nigeria</td>
<td>Olutosin Ogunleye, CPEEL University of Ibadan, Nigeria</td>
</tr>
<tr>
<td>10:45 – 11:00</td>
<td>Panel Q&amp;A</td>
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</table>

### SESSION 10

**Transmission & Distribution**

**Session Title:** Improving Efficiency and Operational Standards

<table>
<thead>
<tr>
<th>Time</th>
<th>Session Title</th>
<th>Speaker/Presenter</th>
</tr>
</thead>
<tbody>
<tr>
<td>11:30 – 11:45</td>
<td>Cost Reduction: In-Depth Review for the Future &amp; Sustainability</td>
<td>Dr. Tamer Badwy, Contracts &amp; Procurement Manager, BP Egypt</td>
</tr>
<tr>
<td>11:45 – 12:00</td>
<td>Evaluation of Electrical Energy Demand: Management Measures for Nigeria’s Residential Sector</td>
<td>Olusola Akinsanya, Chief Lecturer, Federal Polytechnic, Ado Ekiti Nigeria</td>
</tr>
<tr>
<td>12:15 – 12:30</td>
<td>Panel Q&amp;A</td>
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</tr>
</tbody>
</table>
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

14:15 – 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

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
Nadine El Tanahy, Undergraduate, Student and Production Engineering Assistant, Apache, 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 Nguele, 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

16:50 – 17:00  Panel Q&A
FUTURE ENERGY AFRICA
OIL & GAS EXHIBITION & CONFERENCE

1-3 OCTOBER 2018
CAPE TOWN INTERNATIONAL CONVENTION CENTRE 2, SOUTH AFRICA

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