



Society Of Petroleum Engineers  
**NIGERIA COUNCIL**

# SPEOLEF 2021

SOCIETY OF PETROLEUM ENGINEERS OLOIBIRI LECTURE SERIES AND ENERGY FORUM



## Theme:

**Operational Excellence and Portfolio Optimization,  
way forward for the Oil and Gas Industry post Covid-19**

### ORGANISED BY



Society Of Petroleum Engineers  
**NIGERIA COUNCIL**

**18TH MARCH 2021,  
PTDF TOWERS (AUDITORIUM), 2 MEMORIAL CLOSE,  
CENTRAL BUSINESS DISTRICT, ABUJA**



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## THEME

Operational Excellence and Portfolio Optimization,  
way forward for the Oil and Gas Industry post-covid-19

Hybrid event (Virtual and In-Person)  
At the PTDF Main Auditorium,  
Petroleum Technology Development Fund (PTDF) Tower,  
2, Memorial Drive, Abuja.  
Streamed live across social media platforms.

**March 18, 2021**

### e-Contacts:

<http://spenigeria.spe.org/oloibiri/olef2021>

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## SPONSORS



The Shell Petroleum Development Company of Nigeria Limited

Division of the NNPC/SPPDC/ETPS&C/Agri. Joint Venture



# NAICE 2021

SOCIETY OF PETROLEUM ENGINEERS • NIGERIA ANNUAL INTERNATIONAL CONFERENCE AND EXHIBITION

## SPE CONTINUING EDUCATION

# Short Courses

July 31 & August 01, 2021

COURSE TITLE	INSTRUCTOR
<b>Fundamentals of Machine Learning for the Energy Professional</b>	ThankGod Egbe, AbdulRahman Mijinyawa
<b>Practical Due Diligence of Nigerian Oil &amp; Gas Assets for Non-Engineers and Investors</b>	Dr Bukola Korede Olusola
<b>Practical Application of Microsoft Excel and Automation with Macros for Oil and Gas Professionals</b>	Pringle Egbe
<b>Gas Monetization Economics</b>	Engr. Fisoye Delano
<b>Elements of Digital Oilfield Transformation</b>	Emmanuel Udofia
<b>Well, Reservoir and Facility Management</b>	Collins Alaka
<b>Entrepreneurial Development Skills</b>	Dr. Ayoade Adeyemi
<b>Practical Petroleum Economics and Fiscal Systems</b>	Prof. Wumi Iledare

Course Fee	Before May 31	After May 31
<b>SPE Member:</b>	<b>N85, 000.00</b>	<b>N90,000.00</b>
<b>Non SPE Member</b>	<b>N95, 000.00</b>	<b>N100,000.00</b>

For further inquiries, please contact NAICE 2021 Short Course Sub-Committee Chair – Mr. Nurudeen Yusuf (Chevron) via [Nurudeen.Yusuf@chevron.com](mailto:Nurudeen.Yusuf@chevron.com) or SPE Nigeria Council Secretariat via [spenc-secretariat@spenigeriaouncil.org](mailto:spenc-secretariat@spenigeriaouncil.org)



## **WELCOME ADDRESS BY OLATUNJI AKINWUNMI CHAIRMAN, SOCIETY OF PETROLEUM ENGINEERS (SPE), NIGERIA COUNCIL**

**Olatunji Akinwunmi**

Your Excellency, the Honourable Minister of State for Petroleum Resources, Chief Timipre Marlin Sylva, The Group Managing Director of the Nigerian National Petroleum Corporation, Mr. Mele Kolo Kyari, the Director of the Department of Petroleum Resources, Engr. Auwalu Sarki, Heads of Government Organizations, Managing Directors and Chief Executives of Corporations and Companies, the Chairman Board of Trustees, Trustees, Council Members and all members of SPE Nigeria Council, the Academia, Esteemed Media Representatives, Distinguished guests, ladies and gentlemen.

It gives me great pleasure to welcome you to this year's edition of the Oloibiri Lecture Series and Energy Forum (OLEF), organized by the Society of Petroleum Engineers (SPE) Nigeria Council.

Apart from last year and for obvious reasons, the Oloibiri Lecture Series and Energy Forum has taken place annually since its inception in 1991. This is therefore the 30th edition of OLEF and we are very happy that you are all able to join us in this modified format of the event, which nevertheless promises to be interesting and enriching, responding to the current challenges in our industry.

It is the first time that we are hosting this event as a hybrid event with limited in-person participation due to the restrictions that have been imposed by the pandemic, with more people expected to connect to the event via our online channels.

Over the years, OLEF has always attracted participation from the government, regulatory agencies, and heads of industry practitioners as well as other key stakeholders from around Africa. The theme of this year's event: **Operational Excellence and Portfolio Optimization, way forward for the Oil and Gas Industry post covid-19**. It is our hope that the platform provided by OLEF to deliberate around this important theme would stimulate further development and growth within the industry.

This year's OLEF will feature two keynote addresses on the theme to be delivered by the Director/CEO, Department of Petroleum Resources and the Group Managing Director, Nigerian National Petroleum Corporation (NNPC) respectively on Industry Regulation and Industry Operations. Thereafter, there would be a goodwill message and State of the Industry Address which will be delivered by the Honourable Minister of State for Petroleum Resources.

This year's Oloibiri Lecture would be delivered by the Managing Director of SPDC & Country Chair Shell companies in Nigeria, while the Energy Forum, which is a discussion type session to be moderated by the Managing Director/CEO of Waltersmith Petroman Oil Limited will feature distinguished panelists including the Executive Secretary of PTDF, Managing Director/CEO of Seplat, General Manager, JV Operations for NAPIMS, Executive Director & the CFO of Total, Chief Technology Officer of Huawei and the Managing Director of Aiteo.

My profound appreciations go to all our invited guests, panelists, facilitators, sponsors, members of the academia and all attendees both physical and virtual for your continued support for SPE.

Our special appreciation goes to the Management of Petroleum Technology Development Fund (PTDF) for being such a generous host over the years, and also to the management of NCDMB who magnanimously offered us the use of their new facilities in Yenagoa for this year's OLEF with the possibility of making a field trip to the Oloibiri-1 well. Unfortunately, we are unable to take up this offer this year, but we would be taking advantage of this opportunity in subsequent years as soon as the situation permits.

To all of you, your support continues to help the SPE fulfill her mission.

Please take you time to participate fully, ask questions and share your knowledge with colleagues, this is the aim of today's gathering.

Once again, thank you very much and I wish you a great OLEF event.



**Olatunji Akinwunmi**  
Chairman, SPE Nigeria Council

# Table Of Contents

	<b>Page</b>
<b>1. Programme Of Event</b>	6
<b>2. About Olef</b>	8
<b>3. Event Sponsors</b>	
PTDF	9
Shell	10
Waltersmith	11
SEPLAT	12
TOTAL	13
<b>4. Meet The Speakers</b>	
<b>Chief Timipre Sylva</b> , Honourable Minister of State for Petroleum Resources	14
<b>Mr. Mele Kyari</b> , Group Managing Director, NNPC	15
<b>Engr. Auwalu Sarki</b> , Director, Department of Petroleum Resources	17
<b>Mr. Osagie Okunbor</b> , Country Chair, Shell Companies in Nigeria & Managing Director, SPDC	19
<b>Mr. Chikezie Nwosu</b> , Chief Executive Officer, Waltersmith	20
<b>Dr. Bello Aliyu Gusau</b> , Executive Secretary, PTDF	21
<b>Mr. Roger Brown</b> , Chief Executive Officer & Executive Director, Seplat	22
<b>Mrs. Martina Atuchi</b> , General Manager, JV Operations, NAPIMS	23
<b>Mrs. Tai Oshisanya</b> , Executive Director and Chief Financial Officer, Total E&P Nigeria Limited	24
<b>Mr. Wang Hao</b> , Chief Technology Officer, Huawei Energy Department H.Q	25
<b>Mr. Victor Okoronkwo</b> , Managing Director, Aiteo E&P Limited	26
<b>5. Meet the Committee Members</b>	27
<b>6. About SPE: Current SPE Leadership</b>	28

## **OLOIBIRI LECTURE SERIES & ENERGY FORUM (OLEF) 2021 PROGRAMME**

### **PART 1: OPENING**

- 9.00.** National Anthem
- 9.05.** Welcome Remarks by **Mr. Olatunji Akinwunmi**, Chairman SPE Nigeria Council
- 9.10. Sponsors Remarks**  
PTDF, SHELL, WALTERSMITH, SEPLAT
- 9.35. Keynote Address** - Industry Regulation:- *Achieving Operational Excellence through efficient and Effective Regulation* by **Engr. Auwalu Sarki**, Director/CEO DPR
- 9.50. Keynote Address - Industry Operations:-** *Operational Excellence and Portfolio Optimization - Promoting Energy Sustainability by Responsibly Deriving Optimal Value from Oil and Gas Assets post covid-19* by **Mr. Mele Kyari**, Group Managing Director, NNPC
- 10.05. Good will Message & State of the Industry Address:-**  
**Chief Timipre Sylva**, Honourable Minister of State for Petroleum Resources, FRN
- 10.25. Oloibiri Well head documentary**

### **PART 2: OLOIBIRI LECTURE**

- 10.35. Lecture:** *Operational Excellence and Portfolio Optimization: Strategic imperatives, Gains and Challenges* by **Mr. Osagie Okunbor**, Managing Director, SPDC & Country Chair Shell
- 11.05. Question & Answer session**

### **PART 3A: ENERGY FORUM (OPENING)**

- 11.20.** Brief Introductory Remarks by Moderator -  
**Mr. Chikezie Nwosu**, MD/CEO Waltersmith Petroman Oil Limited



- 11.30.** Industry – Government – Academia Partnership:  
**Dr. Bello Aliyu Gusau**, Executive Secretary, PTDF
- 11.40.** Adjusting Operational Models to reduce Cost and Capture Value:  
**Mrs. Martina Atuchi**, General Manager, JV Operations, NAPIMS
- 11.50.** Environmental, Social and Governance (ESG) Dynamics and Industry Projects Financing – Nigerian Independents Perspective:  
**Mr. Roger Brown**, Managing Director/CEO Seplat Petroleum Development Company Plc
- 12.00.** Environmental, Social and Governance (ESG) Dynamics and Industry Projects Financing – IOC Perspective:  
**Mrs. Tai Oshisanya**, Executive Director & the CFO, Total E&P Nigeria Limited
- 12.10.** Adapting the Workforce to Digitalization Transformations:  
**Mr. Wang Hao**, Chief Technology Officer (CTO), Huawei Energy Department H.Q
- 12.20** Moderator wraps-up the session for a brief Lunch/Stretch break and requests all to return in 30 mins for the core Panel session
- 12.30.** Lunch/Stretch break

### **PART 3B: ENERGY FORUM (Panel Session)**

- 1.00.** Moderator opens up the panel session and engages the panellists in turns

### **PART 4: WRAP UP AND CLOSING**

- 2.00.** Wrap Up Address – **Mr. Victor Okoronkwo**, Managing Director, Aiteo E & P Limited
- 2.10.** Vote of Thanks - **Vice Council Chair**
- 2.15. Group E-Photograph

## ABOUT OLEF

The Oloibiri Lecture Series and Energy Forum (OLEF) is an annual event focused on contributing to Nigeria's oil and gas industry policy development, in commemoration of the first commercial oil discovery in Nigeria by Shell Darcy at Oloibiri, Bayelsa State in 1956. The annual lecture series attracts participation from the government, regulatory agencies, and heads of industry practitioners at all levels, as well as other key stakeholders from around Africa.

At the inaugural edition of the Society of Petroleum Engineers, (SPE) Nigeria Council's Annual Oloibiri Lecture Series & Energy Forum, held in June 1991, had in attendance Dr. Subroto, Secretary-General of OPEC.

With the cancelation of the 20th edition of OLEF due to the pandemic the Society of Petroleum Engineers, (SPE) Nigeria Council is committed to hosting her 21st edition of the SPE Oloibiri Lecture Series and Energy Forum (OLEF) as a hybrid event (virtual and in-person) on the 18th March 2021 at the PTDF Main Auditorium, Petroleum Technology Development Fund (PTDF) Tower, 2, Memorial Drive, Abuja and streamed live across social media platforms. The theme of 2021 OLEF is "Operational Excellence and Portfolio Optimization, way forward for the Oil and Gas Industry post-covid-19."

The dual shocks of the COVID-19 pandemic and all-time low oil price that the Oil and Gas Industry suffered in the year 2020 were severe and extremely challenging, thus triggering the need for a more holistic response. This year's OLEF seeks to highlight the core areas of Digital Transformation, Cost Reduction, Climate Change, and Public Health that must be addressed to enable the oil and gas industry to attain an overall Operational Excellence with multiple opportunities for Portfolio Optimization. This ensures the industry thrives in our ever-evolving business environments particularly in the post-COVID-19 pandemic.

During the opening of the event, two keynote addresses will be delivered on the OLEF theme by the Director, Department of Petroleum Resources (DPR), Engr. Auwalu Sarki and the Group Managing Director, Nigerian National Petroleum Corporation (NNPC), Mr. Mele Kyari. Thereafter, there will be a Goodwill Message & State of the Industry Address delivered by the Honourable Minister of State for Petroleum Resources, Chief Timipre Sylva.

This year's Oloibiri Lecture would be delivered by the Managing Director of SPDC & Country Chair Shell Companies in Nigeria, while the Energy Forum, which is a discussion type session to be moderated by the Managing Director/CEO of Waltersmith Petroman Oil Limited will feature distinguished panelists including the Executive Secretary of PTDF, Managing Director/CEO of Seplat, General Manager, JV Operations for NAPIMS, Executive Director & the CFO of Total, the Chief Technology Officer of Huawei and Managing Director of Aiteo would be speaking on the theme under following perspectives:

- Industry – Government – Academia Partnership
- Environmental, Social and Governance (ESG) Dynamics and Industry Projects Financing – Nigerian Independents Perspective
- Adjusting Operational Models to reduce Cost and Capture Value
- Environmental, Social and Governance (ESG) Dynamics and Industry Projects Financing – IOC Perspective
- Adapting the Workforce to Digitalization Transformations

## SPE OLEF 2021 SPONSOR PTDF



## Developing Regional Know-How

The Petroleum Technology Development Fund (PTDF) is Nigeria's agency for developing and enhancing the skills, capacities, competencies and capabilities of Nigerians to operate and manage the various segments of the oil and gas industry.

- PTDF offers local and overseas scholarships to deserving Nigerian students for undergraduate and graduate studies in specialized oil and gas related courses in PTDF upgraded Nigerian Universities and top ranked universities abroad.
- PTDF trains and enhances the skills of Nigerian welders including under water welders for international certification to practice and carry out complex fabrication and welding requirements of the oil and gas industry.
- PTDF upgrades oil and gas related departments with world class teaching and research facilities in universities across the country.
- PTDF is also enhancing the teaching, learning and research skills of university lecturers, including trainings in Engineering Design Software Interpretation.
- PTDF sponsors research activities in critical areas of the oil and gas industry through its Endowment and Research Grant Competition and provides the platform for sharing research outcomes with the industry through the Technology Knowledge Sharing Programme.

PTDF is building relevant institutions for in-country development of the human capital requirements of the oil and gas industry. These include the Federal Polytechnic of oil and gas, Ekwoma, Bayelsa State; The Federal Polytechnic Bonyi, Rivers State, specializing in Environmental Management and Gas Technology; The comprehensive infrastructural and faculty upgrade of the Petroleum Training Institute, Effurun, Warri, Delta State; The National Skills Training and Development Centre, Port Harcourt, Rivers State; The College of Petroleum and Energy Studies (CPES), Kaduna and the development of Information Communication Technology (ICT) Centres in secondary and tertiary institutions across Nigeria.

Through its sponsorship of science and technology based competitions, PTDF creates awareness and sustains interest among secondary school students in core science subject necessary for the study of oil and gas courses and future career in the petroleum industry.

PTDF conducts and regularly updates skills gap surveys and audit of the oil and gas industry to determine the skills requirements of the industry that Nigerians lack and with a view to providing specialized training to fill the gaps.

ALL THESE AND MANY MORE PROGRAMMES MAKE PTDF THE LEAD AGENCY FOR HUMAN CAPACITY DEVELOPMENT IN THE OIL AND GAS INDUSTRY.

A publication of the Press and External Relations Unit, Petroleum Technology Development Fund.

PTDF House, Opposite Shehu Musa Yar'Adua Centre, Central Business District, Abuja

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## **SPE OLEF 2021 SPONSOR SPDC**

The Shell Petroleum Development Company of Nigeria Limited

Operator of the NNPC/SPDC/TEPNG/Agip Joint Venture



### **SHELL IN NIGERIA**

Shell has a history of over 60 years in Nigeria and the largest footprint of all the international oil and gas companies in Nigeria. Shell companies in Nigeria continue to play pioneering roles in onshore, shallow and deep-water oil exploration and production. They are also at the forefront of gas development, producing and delivering gas to domestic consumers and export markets for more than 50 years.

Shell companies in Nigeria continue to strengthen their position in the country by optimising their onshore oil footprint while making investments in deep water and natural gas, particularly domestic gas. Natural gas is the cleanest burning fossil fuel and is abundantly available in Nigeria. Shell companies in Nigeria are working with the Federal Government of Nigeria and other partners on domestic gas opportunities and advancing liquefied natural gas (LNG) for export.

Shell has the following business interests in the Nigerian oil and gas sector:

- The Shell Petroleum Development Company of Nigeria Limited (SPDC) is the largest Shell company in Nigeria and produced the country's first commercial oil exports in 1958. SPDC, headquartered in Port Harcourt, Rivers State, is the operator of a joint venture (the SPDC JV) between the government-owned Nigerian National Petroleum Corporation – NNPC (55% share), SPDC (30%), Total E&P Nigeria Ltd (10%) and the ENI subsidiary Nigerian Agip Oil Company Limited (5%).
- Shell Nigeria Exploration and Production Company Limited (SNEPCo), headquartered in Lagos, was incorporated in 1993 to develop Nigeria's deep-water oil and gas resources. It is a 100% Shell owned company and holds interests in four deep-water blocks, two of which it operates: OML-118 (Bonga field) and OML-135. SNEPCo also has a 50% interest in OPL-245\*, which is operated by the ENI subsidiary Nigerian Agip Exploration Limited and a 43.75% interest in OML-133 operated by the ExxonMobil subsidiary Esso Exploration and Production Nigeria (Deepwater) Limited.
- Nigeria Liquefied Natural Gas Company Limited (NLNG) is a joint venture incorporated in 1989 to produce LNG and natural gas liquids for export. It was Nigeria's first LNG project. Shell holds a 25.6% share and its partners are NNPC (49%), a Total subsidiary (15%) and an ENI subsidiary (10.4%).
- Shell Nigeria Gas Limited (SNG) headquartered in Lagos, was incorporated in 1998 to promote gas as a more reliable, cleaner and cost-effective alternative to liquid fuels for the Nigerian domestic market. It is a 100% Shell owned company.

## **SPE OLEF 2021 SPONSOR WALTERSMITH**



**Waltersmith Petroman Oil Limited** was incorporated in 1996 as a Joint Venture between Waltersmith & Associates Limited, a Nigerian company and Petroman Oil Limited of Calgary, Canada to operate as an Petroleum Exploration and Production company. In 2001, Waltersmith Petroman Oil Limited became a wholly owned Nigerian company with the divestment of Petroman Oil Limited.

In 2003, the Company participated in the Nigerian Marginal Oil field licensing round for indigenous companies and was awarded the Ibigwe field located in Oil Mining Lease (OML) 16 by the Federal Government of Nigeria. OML 16 was originally operated by Shell Petroleum Development Company (SPDC) Limited on behalf of the Joint Venture of NNPC/SHELL/ELF/NAOC.

In 2004, the Company executed a farm-out agreement with Shell Petroleum Development Company and its Joint Venture Partners including the Nigerian National Petroleum Corporation (NNPC) and effectively took over operatorship of the asset. The Company has since pursued a very aggressive growth strategy in line with its long-term goals and objectives.

Following initial entry, the Company achieved a modest "first oil" of 500 bpd in 2008 and has successfully operated the Ibigwe field with a wholly indigenous team ramping up oil production to a peak of 7,000 boepd and current average of 5,500bopd.

This has been possible through focus, dedication and hard work, fit for purpose well repairs, the deployment of an early production facility (EPF) later upgraded to a 15,000blpd capacity flowstation, successful execution of development drilling and workover campaigns, installation of well enhancement and gas lift optimization etc., guided by a robust HSE, Risk Management and Community Relations framework.

Waltersmith has embarked on a journey to build out an integrated energy platform with the recent commissioning of a 5,000bpd modular refinery, one of pioneering projects in expanding Nigeria's domestic refining capacity and eventual energy independence.

## **SPE OLEF 2021 SPONSOR SEPLAT**



SEPLAT is a leading Nigerian independent energy company listed on both the premium board of the Nigerian Stock Exchange and the main board of the London Stock Exchange with a strategic focus on the Niger Delta of Nigeria.

SEPLAT was formed in June 2009 through the partnership of Shebah Petroleum Development Company Limited and Platform Petroleum Joint Ventures Limited to specifically pursue upstream oil and gas opportunities in Nigeria and in particular, divestment opportunities arising out of the incumbent Major IOC's portfolios.

In July 2010, SEPLAT acquired a 45 percent participating interest in, and was appointed operator of, a portfolio of three onshore producing oil and gas blocks in the Niger Delta (OMLs 4, 38 and 41) which include numerous producing fields and future development opportunities. Through the implementation of a focused re-development work programme and extensive drilling campaigns, SEPLAT subsequently grew oil production from 14,000bopd to a peak rate of over 84,000bopd and had almost doubled its remaining reserves as at end 2015. In June 2013, SEPLAT acquired a 40% participating interest in the Umuseti/Igbuku marginal fields within OPL 283 and in February 2015 acquired a 40% participating interest in OML 53 and a revenue interest in OML 55.

In December 2019, SEPLAT completed the acquisition of Eland Oil and Gas, an AIM listed independent oil and Gas Company focused on production, development and

exploration in Nigeria. Eland in 2012 completed the acquisition of a 45% equity stake in OML 40 and in 2014 acquired a 40% stake in a second licence, Ubima.

Alongside its oil business, the Group has also successfully begun to develop and monetise the substantial gas reserves that exist in its blocks. In 2015, SEPLAT installed and commissioned a new 150MMscfd gas processing facility at its Oben hub, taking gross processing capacity from 150MMscfd to 300MMscfd. In Q4 2017, SEPLAT commissioned an additional 225MMscfd gas processing plant, bringing total gas processing capacity to 525MMscfd.

SEPLAT has also embarked on a new project to replace its existing 60MMscfd gas processing plant in Sapele with a new 75MMscfd gas processing plant to be commissioned in Q4 2020 which will further raise its total gas processing capacity to 540MMscfd.

In January 2017, the Group incorporated a new subsidiary, ANOH Gas Processing Company (AGPC) Limited, a midstream gas company committed to the processing of gas from OML 53 for distribution to the local market. In August 2018, the Group entered into a shareholder agreement with Nigerian Gas Processing and Transportation Company (NGPTC) to subscribe for equal ownership of AGPC.

SEPLAT is the leading supplier of natural gas to the domestic market and is helping to address a major obstacle facing the Nigerian economy today – access to reliable, affordable power.

As Nigeria's leading indigenous Oil and Gas Company, SEPLAT is committed to delivering positive impact through its operations. We have built strong relationships with our key local communities, promoting trust and confidence amongst our various stakeholders, ultimately resulting in a stable operating environment that facilitates the creation of shared value.

SEPLAT remains committed to its mission of sustainably delivering profitable, diversified energy solutions through operational excellence, skilled workforce and effective partnership.

## **SPE OLEF 2021 SPONSOR TOTAL**



Incorporated in 1962, has operated in the upstream sector for over 50 years, adding approximately three billion barrels of oil to Nigeria's production.

TEPNG operates and holds 40% interest in the NNPC /TEPNG JV. Total Upstream Nigeria Limited (TUPNI) operates the Akpo and Egina fields on OML 130. TEPNG has non-operated interests in SPDC-operated JV (10%); Bonga field (12.5%), Usan field (20%) and Nigeria LNG (15%).

TEPNG is committed to working with its host communities, promoting best practices in safety and environmental protection, business ethics and Corporate Social Responsibility.

TEPNG is proud of its contributions to the socio-economic development of Nigeria.





**TIMIPRE SYLVA**

## **SPECIAL GUEST OF HONOUR**

Honourable Minister of State,  
Petroleum Resources, Federal Republic of Nigeria

H.E. Chief Timipre Marlin Sylva is the Minister of State for Petroleum Resources of the Federal Republic of Nigeria. He was appointed by President Muhammadu Buhari on Wednesday, August 21, 2019, as the Nigerian Cabinet Minister of State for Petroleum Resources. Prior to this current appointment, he has served as the Executive Governor of Bayelsa State of Nigeria for about 5 years. As Governor of one of the largest Oil Producing States in Nigeria, Sylva played a key role in the initiation and implementation of the Amnesty Programme that brought about peace and stability in the Niger Delta region.

Born on the 7th of July, 1964, he had his secondary education at Government Secondary School, Brass and thereafter attended the University of Port Harcourt where he graduated as the best graduating student and valedictorian, with a distinction in English (Linguistics). He was subsequently awarded a Doctor in International Relations (Honoris Causa) by the University of Business and International Studies, Geneva, Switzerland in 2011.

Chief Sylva had served as the member representing Brass constituency in old Rivers State House of Assembly in 1992 where he was the youngest legislative member. He was subsequently appointed as the Special Adviser on Political Matters to the Bayelsa State Governor, in 2000. He performed excellently in this role such that he was headhunted to serve as the Special Assistant to HRM Edmund Daukoru, who was the Nigerian Cabinet Minister of Petroleum Resources in 2003 where he had the dual role of assisting the Minister in his role as the President of the Organization of the Petroleum Exporting Countries.

In his current role as the Minister of State for Petroleum Resources of the Federal Republic of Nigeria, he has clearly mapped out nine priority areas that include curbing petroleum products cross border leakages, completion of the Nigerian Gas Flare Commercialization Programme, increasing crude oil production to 3million barrels per day, reducing the current cost of crude oil production by at least 5 per cent, aggressive promotion of the passage of the Petroleum Industry Bill, promotion of inland basin exploration activities, promotion of deep offshore exploration activities, collaboration with the private sector to aggressively increase domestic refining capacity and working assiduously to support President Muhammadu Buhari in his poise to achieving his target of raising millions of Nigerians out of poverty via job creation.

In a further show of commitment to giving back, he served as a Chair of the Governing Board of the Oil and Gas Free Zone Authority, where he presided over policy matters and provided strategic leadership and direction. In 2018, he was charged with the responsibility of providing steer and direction for the Governing Council of the Nigerian Maritime University, Okerenkoko, Delta State, as the Chairman and Pro-Chancellor.

Chief Sylva is married to Alanyingi and they have three lovely children; Taria, Timipre and Pagabio. He is a mentor to several young minds and has committed his time and resources to inspiring and empowering a new class of Nigerians, especially in underserved communities, with essential skills and tools for self-development.





**MELE KOLO KYARI**

## **GUEST OF HONOUR/KEYNOTE PRESENTER**

Group Managing Director,  
Nigerian National Petroleum Corporation (NNPC)

Mr. Kyari was appointed General Manager Oil Stock Management, COMD where he worked till 2015 when he was appointed Group General Manager, COMD and later Nigeria's National Representative at OPEC.

Mele Kolo Kyari was born on the 8<sup>th</sup> of January 1965 in Maiduguri, Borno State. He attended Government Community Secondary School Biu in Borno State between 1977 to 1982. Mr. Kyari graduated from University of Maiduguri in 1987 with a Bachelor of Science in Geology.

He has 28 years of working experience in the Nigerian Oil and Gas Industry. He started his professional carrier as a Field Geologist with the Geological Survey of Nigeria before he joined the services of the NNPC in 1991 as a Processing Geophysicist. He served at the Integrated Data Services Limited (IDSL) from 1991 until 1998 where he participated in the delivery of several seismic data processing projects.

In 1998 he was deployed to National Petroleum Investment Management Services (NAPIMS) as Exploration Geophysicist. Where he was engaged in the development and supervised the delivery of key deepwater exploration projects leading to the discovery of major deepwater field in the Niger Delta. Mr. Kyari served as head of NAPIMS Operations office in Abuja from 2004 until 2007 when he was deployed as the head Production Sharing Contracts Management in Crude Oil Marketing Division (COMD). Mr. Kyari exceptional leadership and analytical skills enabled the development of robust basis of determining entitlements of all parties in the Production Sharing and Joint Venture arrangements and especially secured disputed Federation entitlements from the PSCs.

In recognition of his dedications to duty and effective delivery of all task assigned to him, Mr. Kyari was appointed as General Manager, Crude Oil Stock Management in 2014 and subsequently became the Group General Manager, Crude Oil Marketing Division of the NNPC in 2015.

Under his watch, the Crude Oil Marketing Division recorded remarkable transformation in the management and sales of the various Nigeria's crude oil grades and Natural Gas liquids through the institution transparency, automation of processes and business conduct with world class standards. This led to optimization of revenues accruable to the Federation and timely recovery of proceeds of sales.

Mr. Kyari is further credited with the following key achievements that has overall positive impact on the fortunes of the NNPC and the Nigerian Federation:

- a) Establishment of world class systems and processes for the sale and disposal of Nigerian Crude oil and Natural Gas liquids leading to optimization of values and transparency of transactions conducted on behalf of the Corporation and the Federation at large.
- b) Led a team that proposed and managed the Direct Sales and Direct Purchase (DSDP) arrangement of Petroleum products supply from 2016 to date, a process that saved the Nation \$1 billion in 2016 alone compared with the previous crude SWAP arrangements of the

Corporation.

- c) Led various work teams in developing the Petroleum Industry Bill that was presented to the 7<sup>th</sup> National Assembly that sought to entrench an equitable petroleum operations regime in the country.
- d) Contributed immensely in resolving the various disputes with International Oil Companies (IOCs) on the performance of the Production Sharing Contracts leading to potential exit from national contingent liabilities in the excess of \$9 billion dollars being claimed by NNPC's partners.
- e) Projected positive National image at various international fora by presenting papers that highlight the enhanced and transparent National dealings in petroleum trades by the NNPC. Mr. Kyari is the Oil and Gas Champion for the Open Government Partnership for Nigeria.

A Fellow of the Nigerian Association of Petroleum Explorationists (FNAPE), Mr. Kyari has also attended several high-level leadership training programmes both at home and overseas.

Mr. Kyari was appointed Nigeria's National Representative to the Organization of Petroleum Exporting Countries (OPEC) Economic Commission Board in 2016 where he provides leadership and participates in engagements relating to Crude oil and Gas production and associated market issues.

Mr. Kyari was appointed the 19<sup>th</sup> Group Managing Director of the NNPC by President Muhammadu Buhari with effect from 8<sup>th</sup> July 2019.

His hobbies include reading, writing, voluntary works and farming.



**ENGR. SARKI AUWALU**

## **GUEST OF HONOUR/KEYNOTE PRESENTER**

Director/Chief Executive Officer  
Department of Petroleum Resources (DPR)

Engr. Auwalu Sarki Born in 1965, the DPR helmsman and Chairman PTI governing council had a good record of sterling academic accomplishments before he joined the DPR. He was at the Ahmadu Bello University (ABU) Zaria, from where he bagged a Bachelor of Engineering in Chemical Engineering in 1989. Thereafter, he proceeded to the Bayero University, Kano where he earned a post-graduate Diploma in Management in 1993.

Done with BUK, but certainly not done with acquiring knowledge, Auwalu moved to the Chevron Academy where he was awarded a certificate in Oil and Gas Handling, Facilities Maintenance and Troubleshooting in 1999.

Auwalu's education was not restricted to Nigeria. He was also at PETRAD Norway, where he got a Diploma in Drilling Risk Assessment in 2000. Two years later, he got another Diploma in Petroleum Policy and Management from the same institution. In 2006, Auwalu obtained a Diploma in Offshore Technology from PetrolSkill USA, and in 2007, he returned to the PETRAD Norway and earned yet another Diploma in Petroleum Policy and Operations. In 2017, the new DPR boss was at the National Institute of Policy and Strategic Studies, Kuru, Jos.

Obviously, these academic acquisitions did a yeoman's job in preparing Auwalu for an industry where he has since been a major player.

He started his working life at the Federal Housing Authority (FHA) in Lagos as a National Youth Service Corps (NYSC) member, serving as process engineer in charge of sewage and water treatment plant between 1989 and 1990. From 1990 to 1992, Auwalu was with the Kano State Ministry of Industry and Commerce where he was able to develop industrial inspection module for Kano State.

He also successfully initiated the concept of small-scale technology in business incubation, While there, he reviewed a number of industrial proposals and oversaw their implementation. Some of such industrial concerns were Kuma Sheet Glass Company, Intravenous Fluid Production Company, Surgical Gloves, Syringes and Needle Production Company and the Fertiliser Blending Plant.

At the Kano State Environmental Planning and Protection Agency, where he worked as environmental engineer and project manager at various times between 1992 and 1998, the new DPR boss was instrumental to the construction of the Central Industrial Effluent Treatment Plant for Challawa, Sharada and Bompai Industrial Estates, Kano River Pollution Project, and Wase Earth Dam Pollution Control Project, among others.

Since his movement to the DPR, Auwalu has held some key positions in the organisation. Indeed, in the statement announcing him, the Presidency hailed him as a driving force of the agency. Having started out in the agency in 1998, Auwalu rose through the ranks to the position of assistant director before his elevation as director of the organisation.

As principal chemical engineer between 1998 and 2002, he successfully supervised a number of collaborative projects of the DPR with oil giants such as Chevron and Shell, among others. He was also, at various times in his 21-year stint at the DPR, assistant chief chemical engineer, chief chemical engineer, deputy manager, manager, safety control manager, upstream facilities as well as assistant director.

An engineer registered by the Council for the Regulation of Engineering in Nigeria (COREN), the DPR helmsman is a member, Nigerian Society of Engineers (NSE), member, Society of Petroleum Engineers and associate member, Institute of Chemical Engineers, United Kingdom.

As DPR director, Sarki Auwalu is no doubt a round peg in a round hole. And not too many people would be surprised that he hit the ground running, literally, immediately after his appointment.

Just days after he was named DPR director, the agency, under his leadership, unveiled a set of new guidelines of operations for the upstream sector of the Nigerian oil and gas industry. The regulatory document, one gathered, is part of efforts geared towards limiting the cost of oil production in the country by five per cent, as demanded by the federal government and to make companies focus more on exploration.

Some of the new guidelines are Work Programme and Budget Automation, Rig and Vessel Work Automation, Drilling/Completion/Re-entry Work Process Automation and the Nigerian Oil and Gas Contract Advertising Portal (NOGCAP).

**SPE OLEF 2021**  
**SPECIAL GUEST/THEME LECTURE PRESENTER**



**Osagie Okunbor**

Country Chair, Shell Companies in Nigeria & Managing Director, Shell Petroleum Development Company of Nigeria Ltd.

Osagie Okunbor was appointed the Managing Director of The Shell Petroleum Development Company of Nigeria Ltd. (SPDC) and Country Chair, Shell Companies in Nigeria in 2015.

A graduate of Business Administration, Osagie has over 30 years industry experience in Nigeria, the UK, Brunei and the Netherlands.

His previous roles in the Shell Group include: Senior Adviser for Upstream International Operated Business; Vice President Human Resources for Sub-Saharan Africa; Vice President for Infrastructure and Logistics in Nigeria; and

Human Resources Director in Nigeria.

He also chairs the Board of The Shell Nigeria Pension Fund Administrators (SNCPFA) as well as All-On a recently established off-grid energy entity.

He is married and blessed with three children. He enjoys music and football.

**SPE OLEF 2021  
SPECIAL GUEST/MODERATOR, ENERGY FORUM**



**Mr. Chikezie Nwosu**

Managing Director/CEO, Waltersmith Petroman Oil Limited

Mr. Chikezie Nwosu is an experienced senior executive with 30 years local and international experience in the oil & gas industry with demonstrated expertise in the management of upstream oil & gas projects, new business development, divestments and acquisitions, midstream gas and downstream refining; delivering Nigeria's first modular refinery amidst the COVID-19 pandemic in October 2020.

Chikezie is a strong energy professional with a proven track record of excellence in managing technical and non-technical business and project risks and opportunities, having worked with leading international oil and gas companies including Shell International E&P B.V. the Netherlands as a Global Principal Technical Expert and Asset/ Subsurface Development Manager

(New Business Development), Qatar CO<sub>2</sub>/EOR, Member, Technical expert and Value Assurance consultant in the Shell International Group's Top 70 and Emerging Top 70 Projects, SIEP B.V., as Regional Manager for Sub-Saharan Africa in Petroleum Engineering and Senior Front-End Project Manager in Shell Companies in Nigeria, retiring in 2012.

Mr. Nwosu then joined SINOPEC-Addax Petroleum as General Manager Development & Asset Management, in 2012, delivering 5 major upstream oil projects and was appointed Acting Deputy Managing Director (Technical) within 6 weeks of resumption.

Mr. Nwosu has held Senior Executive positions in SINOPEC-Addax Petroleum Nigeria Limited, as Deputy Managing Director (Technical) and a member of the Board of Directors of both Addax Petroleum Development Nigeria Limited (APDNL) and Addax Petroleum Exploration Nigeria Limited (APENL) and for Tolea Energy B.V. the Netherlands, a small independent Energy Investment firm, as Executive Vice-President for Business Development and Africa.

He is a graduate of the University of Ife (Nuclear Engineering Science), holds an M.Sc with distinction in Physics from the Ahmadu Bello University Zaria, (majoring in Theoretical Nuclear Physics), and is a member of several professional organizations including the Society of Petroleum Engineers (2017/2018 SPE Nigeria Council Chairman and member Board of Trustees), Nigerian Association of Petroleum Explorationists (NAPE) and currently serves on the Advisory Council of the Nelson Mandela Institute's African University of Science and Technology (AUST), Abuja.

In October 2019, Mr. Nwosu was appointed the Managing Director and Chief Executive Officer of Waltersmith and effective November 21, 2019 was appointed as a Director on the Board of Waltersmith Petroman Oil Limited and Waltersmith Refining & Petrochemical Company.

**SPE OLEF 2021**  
**SPECIAL GUEST/PANELIST, ENERGY FORUM**



**Dr Bello Aliyu Gusau**

Executive Secretary, PTDF

Dr Bello Aliyu Gusau holds a Doctor of Philosophy degree in political Science with specialization in Political Economy and Development Studies. He attended Ahmadu Bello University, Zaria and the University of Jos, as well as various programmes in other institutions of learning abroad, such as the Institute of Energy Studies in Oxford, United Kingdom and the Harvard Institute of International Development, Boston, Massachusetts in the United States of America.

Dr Gusau began his working career in teaching and research, as a lecturer in the Department of Political Science, Othman Danfodio University, Sokoto. The later part of his working life was mainly in the Nigerian Petroleum industry beginning with the Ministry of Petroleum Resources, where he served as Special Assistant to a Minister of Petroleum Resources, and later as Secretary to the Oil and Gas Sector

Reforms Implementation Committee (OGIC) whose work gave birth to the original Petroleum Industry Bill (PIB).

He has extensive experience in research and policy formulation in the oil and gas sector and is a strong advocate of legal and institutional reforms of the sector.

**SPE OLEF 2021**  
**SPECIAL GUEST/PANELIST, ENERGY FORUM**



**Roger Thompson Brown**

Chief Executive Officer; Executive Director, Seplat Petroleum Development Company Plc

Mr. Brown joined Seplat as Chief Financial Officer in 2013. With a background in finance, he is a qualified Chartered Accountant with the Institute of Chartered Accountants of Scotland and also a member of Association of National Accountants of Nigeria.

Mr. Brown has over 25 years' experience in the financial sector, primarily focused on emerging markets with extensive experience in structuring energy and infrastructure transactions on the African continent. Prior to joining the Company, he held the position of Managing Director of Oil and Gas EMEA for Standard Bank Group.

Following Mr. Avuru's retirement, Mr. Brown was appointed CEO and assumed the role on the 1st August 2020.

Mr. Brown brings to Seplat extensive financial, accounting, M&A, debt and equity capital markets experience in the emerging markets space, and in particular the African oil and gas sector. He has advised on some of the largest and highest profile transactions that have occurred in Nigeria in recent years.



**SPE OLEF 2021  
SPECIAL GUEST/PANELIST, ENERGY FORUM**



**Mrs. Martina Atuchi**

General Manager, JV Operations, NAPIMS

Atuchi, Martina Uzoamaka (Mrs) is the General Manger, Joint Venture Operations, Division, in the National Petroleum Investment Management Services (NAPIMS); a Corporate Services Unit in the Upstream Autonomous Business Unit (ABU) of the Nigerian National Petroleum Corporation (NNPC).

She holds a Bachelor of Engineering Degree (B.Eng. Hons.) in Petroleum Engineering from the prestigious Federal University of Technology Owerri (FUTO).

Mrs. Atuchi has over 30 years petroleum engineering experience. She started her career as a Production Programmer with the Kaduna Refining and Petrochemical Company Limited (KRPC) between 1989 and 1990 under the National Youth Service Corps.

Thereafter, she joined the services of NNPC in 1991 as a Petroleum Engineer and was posted to the then fledgling Nigerian Petroleum Development Company (NPDC). As a vibrant young Engineer with zest and innovative ideas, she contributed immensely to the growth of NPDC.

In 1996, she was transferred to the National Petroleum Investment Management Services (NAPIMS) as a Petroleum Engineer.

Mrs. Atuchi rose through the ranks and having scaled through the chief officers Management Promotion Examination, she became the Deputy Manager, Reservoir Management and Evaluation, JV oil operations, at the Nigerian National Petroleum Investment and Management Services (NAPIMS).

In 2018, this ebullient and brilliant Engineer, again participated in the Management Promotion Exam and again came out in flying colours. Thereupon, in 2019, she was posted to Nigerian Petroleum Development Company (NPDC) as Manager, Petroleum Engineering Development (PED).

Mrs. Atuchi was appointed General Manager (GM) JV Oil Operations Division in NAPIMS on March 6, 2020 where she currently oversees the operations of several Joint Venture (JV) companies ensuring that the Federation extracts maximum value from its upstream oil and gas assets.

Mrs. Atuchi is well experienced in oil and gas field study and development, production optimisation, surface production facilities, surface well testing and logging operations, well intervention programs, production logging and data interpretation.

Mrs. Atuchi is a consummate Professional and a registered Engineer, who belongs to several Professional Bodies like; Council of Registered Engineers (COREN), Nigerian Society of Engineers (NSE) and Society of Petroleum Engineers (SPE).

Atuchi is happily married with children.

**SPE OLEF 2021**  
**SPECIAL GUEST/PANELIST, ENERGY FORUM**



**Mrs. Tai Oshisanya**

Executive Director and the Chief Financial Officer,  
Total E&P Nigeria Limited

Mrs Tai Oshisanya is an Executive Director and the Chief Financial Officer, Total E&P Nigeria Limited.

Mrs Oshisanya joined Total in 1987 as a young Chartered Accountant and has served in various capacities with extensive experience in finance and management.

Before her appointment as an Executive Director and CFO, Tai Oshisanya was the Financial Controller Total E&P Nigeria Limited; Managing Director Total E&P Nigeria Closed Pension Fund (TEPNG CFPA); Finance & Administrative Director, Total E&P South Africa; General Manager, Finance & Control Deep Water District of Total E&P Nigeria Limited; Financial Controller,

Continental Europe & Central Asia at Total's Headquarters in France, and General Manager, Control Total E&P Nigeria Limited.

She headed the Project team for the implementation of SAP in Total E&P Nigeria Limited and at other times held the positions of Accounting Manager, Finance Systems & Methods Manager, SIGELFA engineer in Elf Petroland in The Hague, The Netherlands, and Head of Budget.

Tai OSHISANYA, a 1983 Accounting graduate from the University of Lagos, qualified as a Chartered Accountant in 1985 at Deloitte Haskins & Sells Nigeria, prior to joining Total. She holds a diploma in French and is a Fellow of the Institute of Chartered Accountants of Nigeria (ICAN) and an Associate of the Chartered Institute of Taxation of Nigeria (CITN).

She was appointed Senior Executive of the Total Group (G300) in March 2019.

**SPE OLEF 2021**  
**SPECIAL GUEST/PANELIST, ENERGY FORUM**



**Mr. Wang Hao,**  
Chief Technology Officer, Huawei Energy Department H.Q

Mr. Wang Hao holds a Bachelor's Degree in Petroleum Engineering and a Master's Degree in Oil Field Development. Mr. Wang had 20 years of commercial, technical, and managerial experience in the Energy, Sales, and Information Technology industries.

Mr. Wang had a deep knowledge of Petroleum Exploration, Field Development, and Digital Oil Field and rich problem-solving work experience from over 30 countries across the globe.

Mr. Wang was a former Schlumberger consulting services general manager for the Asia Pacific.

**SPE OLEF 2021**  
**SPECIAL GUEST /WRAP-UP ADDRESS PRESENTER**



**Mr. Victor Okoronkwo**  
Managing Director, Aiteo E & P Limited

Okoronkwo, until his appointment, served as Senior Vice President, Commercial & Gas for Aiteo E & P Limited. He brings over 30 years of Oil and Gas experience to this position.

Prior to joining Aiteo, Okoronkwo worked in various leadership positions in the Shell Group in Nigeria and abroad as General Manager.

A native of Atani village, Ike Okoronkwo graduated from the University of Lagos in 1984 with a degree in Surveying, and equally holds an MBA and Post Graduate Diploma in Natural Gas Management from the US and the UK.

Prior to joining Shell, he worked with Seimography Services Ltd and is a member of many professional bodies. He currently sponsors the Mazi Ike Okoronkwo football competition in Arochukwu.

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# NAICE 2021

SOCIETY OF PETROLEUM ENGINEERS • NIGERIA ANNUAL INTERNATIONAL CONFERENCE AND EXHIBITION

Theme:

**The Future of energy  
- a trilogy of determinants;  
Climate Change,  
Public Health,  
and the Global Oil Market**

Hybrid event (virtual and in-person)  
At the Expo Centre, Eko Hotels and Suites  
Victoria Island, Lagos and streamed live  
across social media platforms.

**02 – 04 August 2021**

**HIGHLIGHTS:**

**The Conference will feature**

- 8 Short Courses
- Section Officers Meeting & Workshop
  - Young Professionals Workshop
    - Exhibitions
    - Topical Issues Workshop
- Technical Papers Presentation Sessions
  - Panel Sessions
- Women Development Program
- Industry Dinners & Awards

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