



**50TH ANNIVERSARY
EDITION**

NAPE

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NIGERIAN ASSOCIATION OF PETROLEUM EXPLORATIONISTS

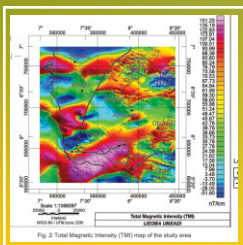
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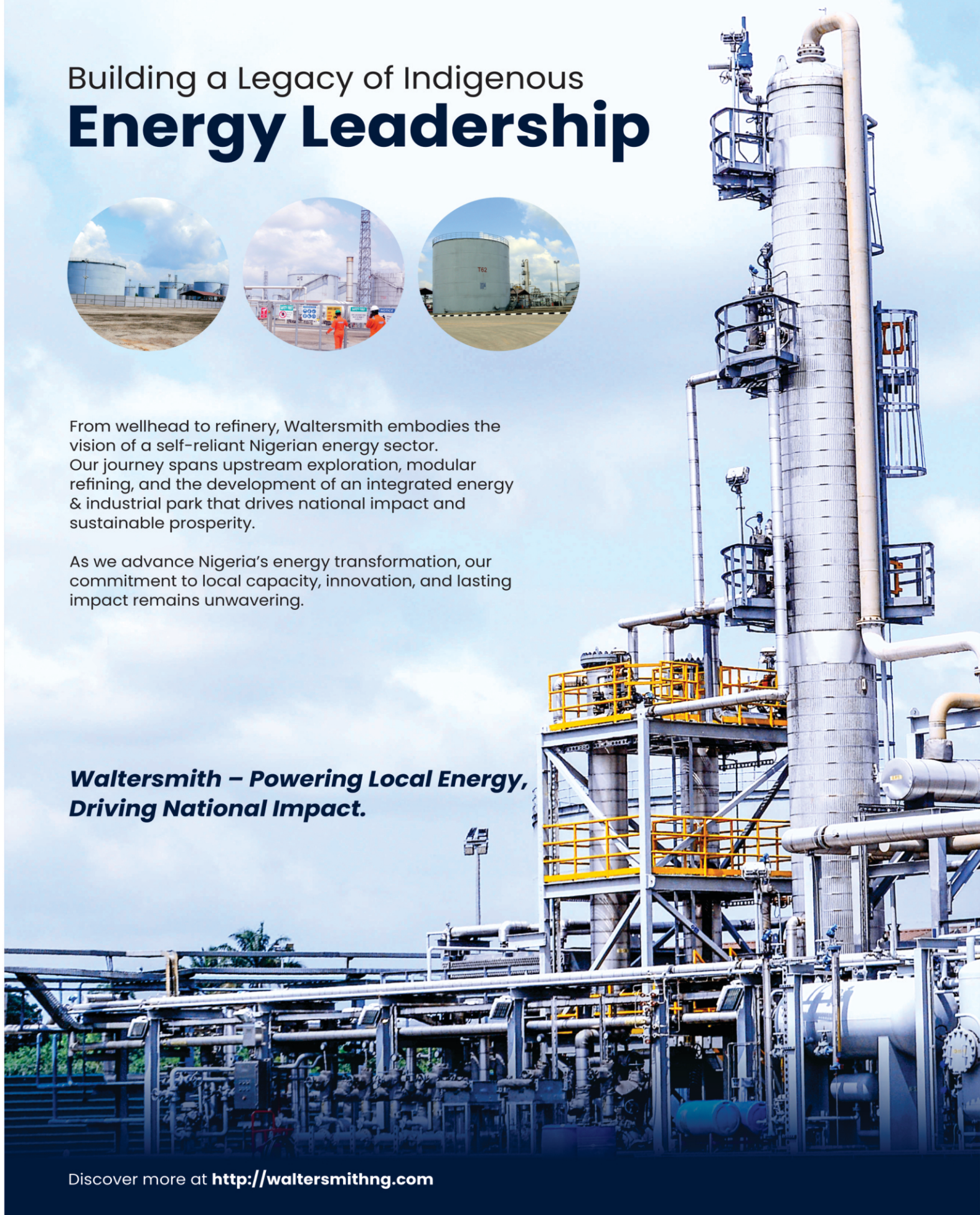


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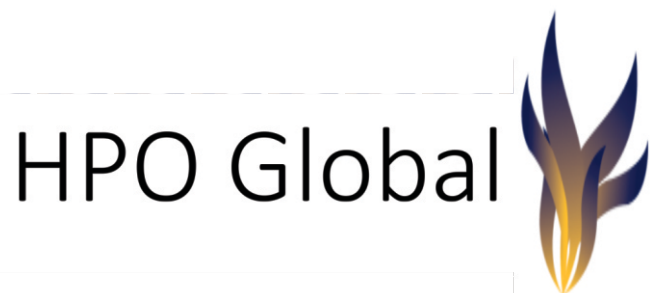
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EDITOR'S DESK

Dear Esteemed NAPE Members,

As the age-old adage goes, 'A journey of a thousand miles begins with a single step.' Today, we commemorate a monumental milestone in the illustrious history of our great Association—NAPE is 50! It is my great pleasure to welcome you to the NAPE@50 Golden Jubilee Edition of the NAPE News Magazine, themed 'Pioneering the Future of Energy in Africa.' This special edition celebrates our 50-year legacy, showcases our achievements, and shares our vision for the years ahead.

Inside this Edition:

- A Walk-Through History

We take you back in time to highlight significant milestones from NAPE's early years and our remarkable achievements over the past five decades. This includes inspiring articles that echo the spirit and purpose of our Golden Jubilee celebration.

- Upcoming Conferences

Preparations are in top gear for our flagship event—the 2025 NAPE Annual International Conference and Exhibition, scheduled for November 9–13 at the Eko Hotel & Suites, Victoria Island, Lagos, Nigeria. This event is the 43rd edition of the conference, which aims to bring together energy professionals to discuss critical issues in the energy sector.

Also featured in this edition, is information on the NAPE–NMGS Mini Conference, taking place August 28–30 at Kwara State University (KWASU) from August 26 to 30, 2025. This event aims to strengthen industry-academia partnerships, deepen geoscience education, and foster synergy between industry professionals and academics.

- Industry–Academia Collaboration

This edition highlights our strides in bridging the gap between industry and academia—from research grants to the launch of new chapters and knowledge-

sharing through our Learning Series.

- Technical /Business Meetings

Stay updated on highlights from our monthly Technical /Business Meetings and courtesy visits across Nigeria, as well as our international Chapters in the UK/Europe and North America.

- External Partnerships

We highlight strategic partnerships with key organizations like NMGS, National Hydrographic Association, and EAGE, showcasing the progress achieved. For more details and additional highlights, visit our website: [WWW. Mape.org.ng](http://WWW.Mape.org.ng)

- Young Professionals

Our vibrant Young Professionals are not left out! Enjoy a roundup of their recent engagements and achievements both in Nigeria and across North America.

This special edition is packed with inspiring stories and rich insights—you won't want to miss a page. As always, my tip is to either binge it over coffee or pace yourself and savor every section.

I am immensely grateful to everyone who contributed to the success of this edition. My heartfelt appreciation goes to the NAPE Editorial Team for your dedication and seamless collaboration across the various arms of NAPE, even within tight deadlines. Special thanks also to the NAPE Executive Council, Fellows, and all members who have supported this journey.

Here's to a remarkable NAPE@50 Celebration!

Warm regards,

Somime Oguntola

Publicity Secretary, NAPE

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NAPE at 50: Honouring Our Legacy, Defining the Future

A Golden Moment in Our History

It is with profound humility and immense pride that I welcome you to this historic celebration of the Golden Jubilee of the Nigerian Association of Petroleum Explorationists (NAPE). To be serving as President at this pivotal moment is not only a privilege but a deep personal honour.

Founded in August 1975 by ten pioneering professionals, NAPE has grown into the largest community of petroleum geoscientists and related disciplines in Nigeria and across Africa. Today, we are more than an association, a movement of knowledge, innovation, and impact. ***“We proudly refer to ourselves as the knowledge hub of the industry because our ideas find oil and gas.”***

Our Journey So Far: 50 Years of Impact

In the past five decades, NAPE has been instrumental to every chapter of Nigeria's oil and gas story. From the formation of indigenous E&P companies to game changing policy advocacy, our influence has been both deep and wide.

- We initiated the marginal field bid framework that spawned a new generation of indigenous operators.

President's Desk

- Our members have been involved in nearly every hydrocarbon discovery across the Niger Delta and beyond.
- Through our University Assistance Program, we have uplifted students, empowered lecturers, and strengthened petroleum education across the country.
- We have taken Nigeria's geoscience story to global platforms, showcasing the vast potential of our basins to the world.
- Our annual conference communique continues to proffer solutions and ideas to improve the policies and operations of oil and gas Industry in Nigeria

“What began with 10 men has evolved into a generational legacy of excellence.”

The Next 50 Years: A Call to Leadership and Innovation

As we reflect, we must also redefine the future. I have consistently used the phrase “The Future is Now” because I believe that we hold the tools to actualize our future dreams.

The energy world is shifting. The pressure of climate change, the realities of energy transition, and the demands of a growing, urbanized population are forcing a rethink of how we explore and produce energy.

Nigeria sits on a wealth of untapped potential, especially in natural gas, now universally recognized as a key transition fuel. We have over 600 TCF of yet-to-be-discovered gas in Nigeria's sedimentary basins and this represents an enormous opportunity and strategic pathway to industrialization, energy security, and cleaner growth. ***“Gas exploration must become intentional, and this is the era to look deeper and smarter”.***

We have un-appraised and near field exploration oil growth opportunities that need to be evaluated, developed and produced in a sustainable manner.

I call on government to work closely with us, providing the fiscal and regulatory incentives that will enable industry players to explore, discover, and produce these oil and gas efficiently.

We must also return to the basics of exploration: quality data, bold ideas, and collaborative innovation. We must

go back to the un-appraised discoveries, unlock stranded value, and increase our reserve replacement ratio. We would then need to adopt digital transformation, machine learning, artificial Intelligence, and apply them to our rich database for impactful result. All these will drive our ambition of meeting the national 2030 production targets.

Securing Our Future: Human Capital and the Next Generation

Our workforce is aging, yet we still often go to market looking for “experienced hires.” But who will train them? Every experienced professional was once a young graduate.

The time has come to systematize internships, sabbaticals, and mentorship programs across the petroleum sector. We must invest in young professionals, equip them, mentor them, and create pathways for talent development. ***“Human capital is our most precious reservoir, and it must be developed.”***

As President of NAPE, I call for the establishment of new centres of Excellence for Petroleum Studies, one in the North and one in the South, to serve as hubs for training, research, and innovation.

Shaping the Nation's Policy, Celebrating Excellence, and Honouring Legacy

As we step into the next 50 years, NAPE must be at the centre of energy policy formulation in Nigeria. From the National Assembly to the Executive, from Regulators to Agencies, we must take our seat at the table and not as mere observers, and we must be drivers of strategy and vision in the energy sector. ***“We are not just professionals; we are equally nation-builders. We hold the engine of the Nigerian economy because we are explorers.”***

As we commemorate our 50th anniversary, we will honour the companies, trailblazers, visionaries, and contributors who have profoundly impacted our profession and industry. We will celebrate the collective efforts of academia, industry, pioneers, and young professionals, paying tribute to their dedication and service

My Final Call

- To our valued members, senior professionals, Fellows, and past presidents: this is your moment to shine. Let's step forward with the same pioneering spirit, commitment, and courage that defined our founding members in



1975. Your leadership, mentorship, and active engagement are essential to propelling NAPE's vision forward, shaping the next 50 years of excellence and innovation.

- To government and industry, let us work together in a spirit of intentional collaboration to unlock our nation's future energy potential and drive sustainable growth.
- To our young professionals, we are counting on you. Your ideas will find the next billion barrels.
- To the media, we invite a more profound collaboration. Let's work together to shed light on the energy sector's progress and challenges. We encourage you to engage with us, conduct in-depth interviews, and share accurate data-driven stories. Your role is crucial in providing Nigerians with informed, clear, and truthful energy communication

Today, we celebrate discoveries, and we celebrate service. But above all, we celebrate the unbreakable spirit of NAPE. ***“Let the next 50 years be built on the established legacy, with boldness, wisdom, and unity.”***

Happy 50th Anniversary, NAPE.

Long Live Our Association.

Long Live the Federal Republic of Nigeria.

Johnbosco Uche, FNAPE

President, Nigerian Association of Petroleum Explorationists (NAPE)

CHAIRMAN OF GOLDEN JUBILEE PLANNING COMMITTEE WELCOME REMARKS



Honouring the Past, Pioneering the future - A Legacy of Upstream Excellence

It is with immense pride, deep appreciation, and a sense of responsibility that I write this message to commemorate NAPE @ 50.

When we look back to our modest beginnings in 1975, none of us could have imagined just how far this Association would come. What started as a small circle of geoscientists united by a shared passion for exploration has grown into a national pillar, one that has shaped both technical excellence in the past 5 decades and the future of energy in Africa.

And so, this golden jubilee is not only a celebration of our past. It is a heartfelt tribute to every single member who has invested their energy, intellect, and heart into NAPE, and a call to action as we step into the future together.

Reflecting on Our Legacy

If you close your eyes and go back in time, you can almost feel the energy of those early days. Many of us will remember crowded lecture halls where knowledge was freely exchanged and enduring friendships were formed. You'll recall long field trips under the scorching sun, the camaraderie shared over maps and samples, and the joy of presenting findings that would add new chapters to Nigeria's geological story.

That spirit of discovery and collaboration has been at the heart of NAPE for five

decades hence the slogan **our ideas find oil and gas**. Year after year, we have championed innovation, advanced geoscience education, and nurtured new talent. Our technical sessions, workshops, publications, and conferences, especially the Annual International Conference, have been a touchstone for experienced and new geoscientist in the country. It's incredible to see how this tradition has evolved into the vibrant, diverse, and energetic NAPE we all know today.

And let us not forget the mentors who took time to guide the next generation, the students who once sat at the feet of giants and have now become giants themselves, and the members who simply gave their time and expertise to help this Association thrive.

Celebrating Our Present

NAPE is now recognized across Africa as a beacon of professional excellence and a trusted voice in policy dialogue. Our technical contributions have strengthened the industry. Our programs have created new career paths for countless geoscientists. And our voice, credible, measured, and insightful, is respected by companies, academia, regulators, and governments alike.

As we stand at this important milestone, we can be proud of our present strengths. Every Committee meeting, symposium, mentoring session and outreach program has shaped NAPE into the dynamic, diverse, and forward-thinking community it is today.

Pioneering the Future of Energy in Africa

And now, as we look to the decades ahead under the theme **"Pioneering the Future of Energy in Africa,"** we must also recognize the opportunities and responsibilities that lie before us.

We live in an era of rapid change. The global energy transition is here. Technology is transforming how we work and what we can discover. Sustainability is more than a buzzword; it is an imperative. NAPE will continue to

embrace these trends and lead the conversation. Our role is to prepare the next generation, advocate for responsible stewardship of our natural resources, and help shape the future of energy across this continent.

That is why this moment matters so much. NAPE @ 50 reminds us that the past and future are connected. Every discovery we made yesterday is the foundation for every innovation we will make tomorrow. Every friendship we built years ago has created the strong networks that will help us tackle the next big challenge.

A Personal Note of Thanks

To every one of you who has been part of this extraordinary story, thank you. Thank you for showing up when it mattered, for sharing your knowledge, for investing your time, and for your unwavering commitment. It is your passion that has carried NAPE to this incredible milestone.

And as Chairman of the NAPE @ 50 Planning Committee, I cannot overstate what a privilege it has been to work with such dedicated professionals in organizing this celebration. Together, we have honoured our past while setting a bold agenda for the future.

Here's to the Next Fifty Years

As you read this magazine and take part in the festivities, I encourage you to reflect on all that NAPE has accomplished, and to imagine what the next fifty years will hold. Let this be a moment of pride, inspiration, and renewed resolve to continue innovating, mentoring, and advocating. Let us embrace the challenges ahead with the same enthusiasm, integrity, and sense of purpose that has brought us this far.

Here's to NAPE @ 50, and to a future filled with possibilities.

With heartfelt appreciation and warm regards,

Babajide Fasina, FNMGS

Chairman, NAPE @ 50 Planning Committee



Special Interview with First NAPE President

Akomeno Oteri, FNAPE

Please introduce yourself.

I am Akomeno Oteri. I am a Geologist who spent my first four years after graduation as a Geologist/Geophysicist with Mobil Producing Nigeria Unlimited. The last 30 years I spent as a Consultant Hydrogeologist with Akute Geo – Resource Ltd and Hydrated Geo Consulting Services; Currently Semi-Retired to Retired. I am the First President 1975 – 76.

What were the circumstances and inspirations that led to NAPE's founding, and what did you aim to achieve?

NAPE started off as SOCIETY OF GEOLOGISTS AND GEOPHYSICISTS, LAGOS(SGGL) in 1975. As a Staff of Mobil Producing Nigeria Unlimited on a one-year training assignment in Dallas Tx, USA, I was invited and attended monthly meetings of the Dallas Geophysical Society, Dallas Geophysical Society was a Chapter of the Society of Exploration Geophysicists (SEG).

During these meetings attended by Geophysicists working in the Dallas Metropolis, technical meetings were held which included lunch among others. I was so impressed with these that I nursed the idea of having a similar society formed in Lagos which housed most of the Geoscientists in the Oil Industry in Nigeria. I discussed this with my Nigerian colleagues in Dallas and took it as an assignment when I returned to Nigeria in 1975.

I broached the idea with my colleagues in Mobil and extended these discussions with other colleagues in the other Oil Companies- Gulf, Texaco, Shell, NNOC, Agip elf, Ashland and the Service and Consulting Companies. These interactions elicited interest in several of our colleagues spread across the industry, leading to convening meetings which led to the formation of SGGL and election of the first Executive Committee of the Society.

Two primary objectives drove our mission:

1. Continuing Education: Offering technical meetings and courses to foster professional growth and advancement among members.
2. Social Connection: Encouraging social interaction and camaraderie among members, building a strong community

What challenges did you face in the early years, and how did you overcome them?

Initially, the biggest hurdle was gaining traction and persuading potential members to support the formation of the Society. Low attendance at the inaugural meeting posed a challenge. However, through persistent outreach and lobbying efforts, we were able to overcome this obstacle and move forward.

Another significant challenge was securing suitable venues and scheduling meetings. Initially, we lacked funds to rent hotel meeting rooms, so we relied on oil company conference rooms. Gaining approval from company management took time, but senior members played a crucial role in facilitating access to

venues. Additionally, we faced hesitation and misunderstandings from the Nigerian Mining and Geosciences Society (NMGS), who perceived us as a splinter group. However, over time, NAPE members took on leadership roles in NMGS, revitalizing it, and today both organizations work together in harmony.

What do you consider NAPE's most significant achievements over the past 50 years?

NAPE's Continuing Education Program: Today, NAPE offers a comprehensive continuing education program, featuring monthly technical meetings across its various Chapters. This, combined with short courses and the Annual International Conference and Exhibition (AICE), provides a platform for professional development, benefiting a large number of members and non-members alike.

- In the early days of NAPE, explorationists were underrepresented in top management positions at E&P companies beyond the national oil company, NNPC. We were often seen as secondary to engineers, with slower career advancement opportunities. However, times have changed. Today, explorationists hold key leadership roles, on par with engineers, and some NAPE members even occupy the highest positions in E&P companies. We've shed our "poor cousin" status, and NAPE's efforts have significantly contributed to this shift.

The University Assistance Programme (UAP) stands out as one of NAPE's major achievements. By bridging the gap between academia and industry, UAP has successfully integrated students and faculty from tertiary institutions into the oil industry. Moreover, numerous departments have benefited from equipment donations and learning resources, facilitated by NAPE's industry connections.

NAPE's Influence on Oil & Gas Policy: Over the years, NAPE has established itself as a trusted authority, with its policy recommendations frequently adopted and implemented by the government. By amplifying the voices of explorationists, NAPE has secured a seat at the decision-making table, ensuring that industry professionals have strong say in shaping the future of the sector.

Looking back, what are you most proud of regarding NAPE's history and accomplishments?

I am most proud of NAPE's members – the driving force behind the Association's success. From the dedicated executives and Advisory Council to the various committees and general membership, it's the collective effort that has propelled NAPE forward. What brings me the greatest joy is seeing new leadership emerge each year, building on past achievements and taking the Association to even greater heights. To all members who have contributed over the past 50 years, and especially to those who have answered the FINAL CALL, I offer my heartfelt congratulations.

THE JOURNEY FROM LAGOS SOCIETY OF GEOLOGISTS AND GEOPHYSICISTS [LSGG] TO NIGERIAN ASSOCIATION OF PETROLEUM EXPLORATIONISTS [NAPE]



Founding

The idea to set up a professional society of geologists and geophysicists in the petroleum industry in Nigeria was conceived in the exploration department of Mobil Producing Nigeria Unlimited, Lagos, in late 1974. It was the custom of the company to enroll exploration staff into the American Association of

Petroleum Geologists [AAPG] as soon as they became confirmed staff. A few of us in the exploration department began to tinker with the idea of having such an association in Lagos, and that was how we founded the Lagos Society of Geologists and Geophysicists, which later transformed and became the precursor of the Nigerian Association of Petroleum Explorationists [NAPE]. The whole idea was to have a forum for interactions among professionals aimed at the promotion of professionalism and proffering of views to the petroleum industry and the government.

Early Challenges

Initially, the Lagos Society of Geologists and Geophysicists faced skepticism, with some perceiving it as a splinter group breaking away from the Nigerian Mining and Geosciences Society, which was seen as the umbrella organization for all geoscience professionals. Additionally, securing participation from International Oil Companies' staff posed a challenge. However, through persistent efforts to educate and engage the community, the society steadily gained momentum, growing in membership and acceptance.

Optimism

As our membership expanded and our initiatives gained traction with industry and government stakeholders, our confidence grew, enabling us to broaden our capacity-building efforts to institutions.

Major Issues Facing the Industry

To curb capital flight and boost economic growth, NAPE recognized the need to develop local content and human capital. In response, we ramped up outreach efforts to universities and local industries, fostering greater participation and collaboration within the domestic petroleum sector.

Most Significant Achievement Over the Past 50 Years

NAPE championed professional engagement with Nigeria's petroleum industry and government, advocating for increased indigenous participation and reduced capital flight – a crusade that ultimately paved the way for the landmark Local Content Act.

NAPE's Proudest Moments

From modest roots to phenomenal expansion in a remarkably short span, NAPE's journey is a testament to the power of passion and dedication to advancing both the Association and the industry.

Expected Achievements

NAPE to drive capacity building in the petroleum industry and boost indigenous participation in large acreages, ultimately enhancing reserves and production capabilities in the oil and gas sector.

Personal Stories/Anecdotes

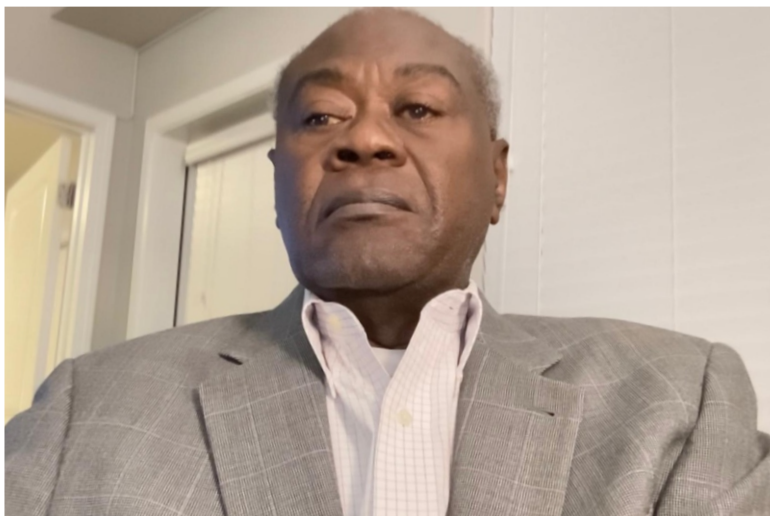
When a handful of us in Mobil Producing Nigeria's exploration department conceptualized forming an association modeled after the AAPG, we faced stiff resistance from the Nigerian Mining and Geosciences Society (NMGS). Despite the doubts and opposition, the determination of Dr. Akomeno Oteri (President), Dr. Akpo Avbovbo (Assistant Secretary), and myself (Secretary) propelled us forward. As early as 1974, I began soliciting feedback from professionals through questionnaires, gauging their views on the need for a dedicated association. While some questioned its viability, advocating for us to remain part of NMGS, we were convinced that the petroleum industry – the backbone of Nigeria's economy – required our specialized expertise and professional input.

We faced logistical challenges, including finding meeting venues, and initially gathered at the homes of some founding members. With no organizational funds, we relied on personal contributions to drive activities. In fact, after our 1975 inauguration at the Federal Palace Hotel, we struggled to cover even the modest expenses for refreshments – soft drinks, biscuits, and groundnuts. Dr. Avbovbo and I had to step in, settling the bill out of pocket, which amounted to roughly N2,000 in today's value. Yet, I'm deeply grateful that NAPE has come a long way, now capable of mobilizing N2 billion with ease – a testament to remarkable growth and development.

Thank you and God bless.

Sir Jonas Odocha. B. Sc; M. Sc; DIC
FNMGS; FNAPE. Author & Farmer.
(1975 Founding National Secretary)

LOOKING INTO THE HISTORY OF NAPE



My name is Bayo Akinpelu. I was the lead re-convener of the idea behind SGGL, and I rebranded it as NAPE. The name "NAPE," as well as the NAPE logo, emerged from a competitive submission process among our members. I recall that the winning logo was submitted by a young Dutch geologist working with Shell. He won a huge prize of, I believe, N25!

I have served the association in many roles, including President Elect, President, Secretary, and Editor. Really, whatever needed to be done, was done. I was among the first set of Fellows in 1985. Of course, we made quite a few mistakes back then. Record-keeping, for instance, was abysmal. In that regard, one of the greatest landmarks that ensured NAPE's survival was securing a permanent office space at Campbell Street.

Founding

NAPE was founded to continue the goals and objectives of the Society of Geologists and Geophysicists, Lagos (SGGL). SGGL had gone dormant after a few years of activity, and we set out to revive it because the goals and objectives remained relevant.

Our initial effort was to review the structure of the organization in a way that reflected the peculiarities of Lagos, particularly traffic and the family commitments of our members. We realized that after-office-hour meetings were unworkable in a city where commutes could last till midnight! With the support of various company managements, we shifted our meeting hours to lunchtime and that worked like magic in boosting attendance and participation.

We applied this same approach to other critical issues affecting our survival. For instance, on funding, company

managements agreed to sponsor our monthly meetings in rotation. However, they would not directly fund our annual conferences, instead, they chose to sponsor each conference item individually. You can tell that lawyers were beginning to infiltrate our once-innocent technical discussions!

One important part of those early conversations was the request that companies routinely give us access to their world-class experts visiting Nigeria. I remember this well because it gave us exposure to people and ideas we had only read about in journals, including some of our own homegrown global resources. We succeeded in building a workable structure for the association largely because we engaged all the stakeholders from the very beginning, especially those with the big wallets!

NAPE: Custodian of Industry Knowledge

Many people have said that NAPE succeeded because it was "an idea whose time had come." NAPE became a hub, a collation and collection of the oil industry's knowledge base, expertise base, and experience base. We established earth sciences as the root of this technology-driven industry.

What started as scattered ideas floating around for nearly a century before Oloibiri, was formalized, nurtured, and scientifically described. This led to giant oil field discoveries. With NAPE, all of that was brought together and indigenized. NAPE became the custodian of the industry, the go-to place for not just exploration-related facts but for comprehensive descriptions of the entire oil and gas landscape.

This unique role has continued to this day, although other professions have made significant inroads, sometimes at NAPE's expense.

Wishes for NAPE

NAPE is a powerful force that is moving forward steadily.

1. My first wish is for it to become totally self-sustaining and financially independent.
2. Building on that, I hope it will establish a foundation unlike anything Nigeria has ever seen.
3. Lastly, I envision a large conference center / office / exhibition center. We operate in one of the largest metropolises with no proper conference center. We need one! And if not NAPE, then who?

Bayo Akinpelu



BROADLINK
Petroleum Limited



What we do

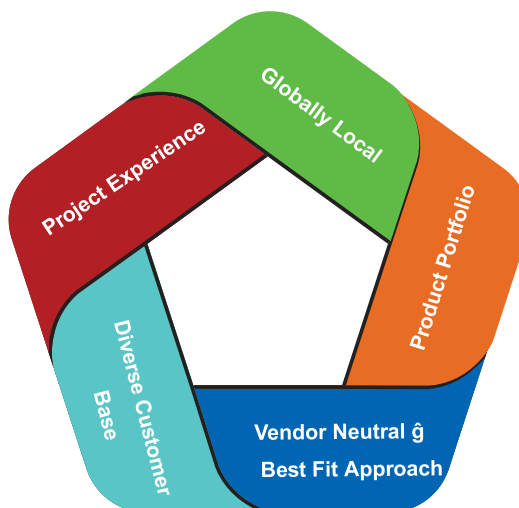
- ▶ Geological & Geophysical Services
- ▶ Airborne Geological Survey (eFTG)
- ▶ Oil Field Services
- ▶ Quality Assurance and Quality Control
- ▶ Cude oil & Refined Products
- ▶ Trading and Marketing Services
- ▶ Engineering, Procurement and Installation Services
- ▶ Process Automation & System Integration
- ▶ Services Professional Training
- ▶ Project and Asset Management

About us

Broadlink Petroleum Limited is an indigenous company, incorporated in October, 1988. The company primarily operates in the upstream sector of the oil and gas industry and provides exploration and production services, oil field and other ancillary support services to National Oil Companies (NOCs) and International Oil Companies (IOCs).



BROADLINK
Petroleum Limited



Licenses/Memberships & Certificates



**NIGERIAN UPSTREAM
PETROLEUM REGULATORY
COMMISSION**



NAPE



**NIGERIAN CONTENT
DEVELOPMENT &
MONITORING BOARD**



📍 No.14 Oguda Close, Maitama, Abuja
✉ info@broadlinkpetroleum.com

🌐 www.broadlinkpetroleum.com
☎ +234 (0) 905-301-7630



NAPE PRESIDENT FOR THE PAST 50 YEARS



DR. AKOMENO OTERI FNAPE
(PRESIDENT 1975)



PASTOR D. O. NDEFO FNAPE
(PRESIDENT 1986-1987)



DR. O. O. OGUNYOMI FNAPE
(LATE)
(PRESIDENT, 1994-1995)



CHIEF CHAMBERS OYIBO FNAPE
(PRESIDENT 1976)



DR. STEVE OKOLO FNAPE
(PRESIDENT 1987-1988)



DR. A. FISHER FNAPE
(PRESIDENT, 1995-1996)



DR. EBI OMATSOLA FNAPE
(PRESIDENT 1977)



DR. M. O. ADEGBOLA FNAPE
(PRESIDENT, 1988-1989)



CHIEF FEMI AKINMADE FNAPE
(PRESIDENT, 1996-1997)



DR. UKA UWANGU FNAPE
(PRESIDENT 1978-1979)



MR. MAC OFURHE FNAPE
(PRESIDENT, 1989-1990)



JIDE AGBABIKA FNAPE
(PRESIDENT, 1997-1998)



MR. J. M. ORIFE FNAPE
(PRESIDENT 1982-1983)



REV. R. A. O. OSHEWA FNAPE
(LATE)
(PRESIDENT, 1990-1991)



CHIEF TUNDE AFOLABI FNAPE
(PRESIDENT, 1998-1999)



DR. E. O. AYoola FNAPE
(PRESIDENT 1983-1984)



DR. LAMBERT-AIKHIONBARE FNAPE
(PRESIDENT, 1991-1992)



REV. PRECIOUS OMUKU FNAPE
(PRESIDENT, 1999-2000)



CHIEF WANDE SAWYERR FNAPE
(PRESIDENT 1984-1985)



ALHAJI A. T. LAWAL FNAPE
(PRESIDENT, 1992-1993)



MR. A. S. ODUSINA FNAPE
(PRESIDENT, 2000-2001)



MR. BAYO AKINPELU FNAPE
(PRESIDENT 1985-1986)



DR. LAI FATONA FNAPE
(PRESIDENT, 1993-1994)



MR. S. LADI FADAYOMI FNAPE
(PRESIDENT, 2001-2002)



**MR. EMMANUEL ADOKPAYE
FNAPE
(PRESIDENT, 2002-2003)**



**MR. JIDE OJO FNAPE
(PRESIDENT, 2010-2011)**



**MR. AJIBOLA OYEBAMIJI
FNAPE
(PRESIDENT, 2018 – 2019)**



**MR. PROMISE EGELE FNAPE
(PRESIDENT, 2003-2004)**



**DR. MAYOWA AFE FNAPE
(PRESIDENT, 2011-2012)**



**MR. ALEX NACHI TARKA
FNAPE
(PRESIDENT, 2019 – 2020)**



**MR. GILBERT ODIOR FNAPE
(PRESIDENT, 2004-2005)**



**MR. GEORGE OSAHAN FNAPE
(PRESIDENT, 2012-2013)**



**MRS. PATRICIA OCHOGBU
(PRESIDENT, 2020 – 2021)**



**MR. AUSTIN AVURU FNAPE
(PRESIDENT, 2005-2006)**



**MRS. ADEDOJA OJELABI
FNAPE
(PRESIDENT, 2013-2014)**



**DR. JAMES EDET, FNAPE
(PRESIDENT, 2021 – 2022)**



**DR. EMMANUEL ENU FNAPE
(PRESIDENT, 2006-2007)**



**MR. CHIKWE EDOZIEM FNAPE
(PRESIDENT, 2014 – 2015)**



**MR. ELLIOT IBIE, FNAPE
(PRESIDENT, 2022 – 2023)**



**DR. KINGSLEY OJOH FNAPE
(LATE)
(PRESIDENT, 2007-2008)**



**MR. NOSA OMORODION FNAPE
(PRESIDENT, 2015 – 2016)**



**DR. ABIODUN OGUNJOBI,
FNAPE
(PRESIDENT, 2023-2024)**



**MR. VICTOR AGBE-DAVIES
FNAPE
(PRESIDENT 2008 - 2009)**



**MR. ABIODUN ADESANYA
FNAPE
(PRESIDENT, 2016 – 2017)**



**MR. JOHNBOSCO UCHE,
FNAPE
(PRESIDENT, 2024 – 2025)**



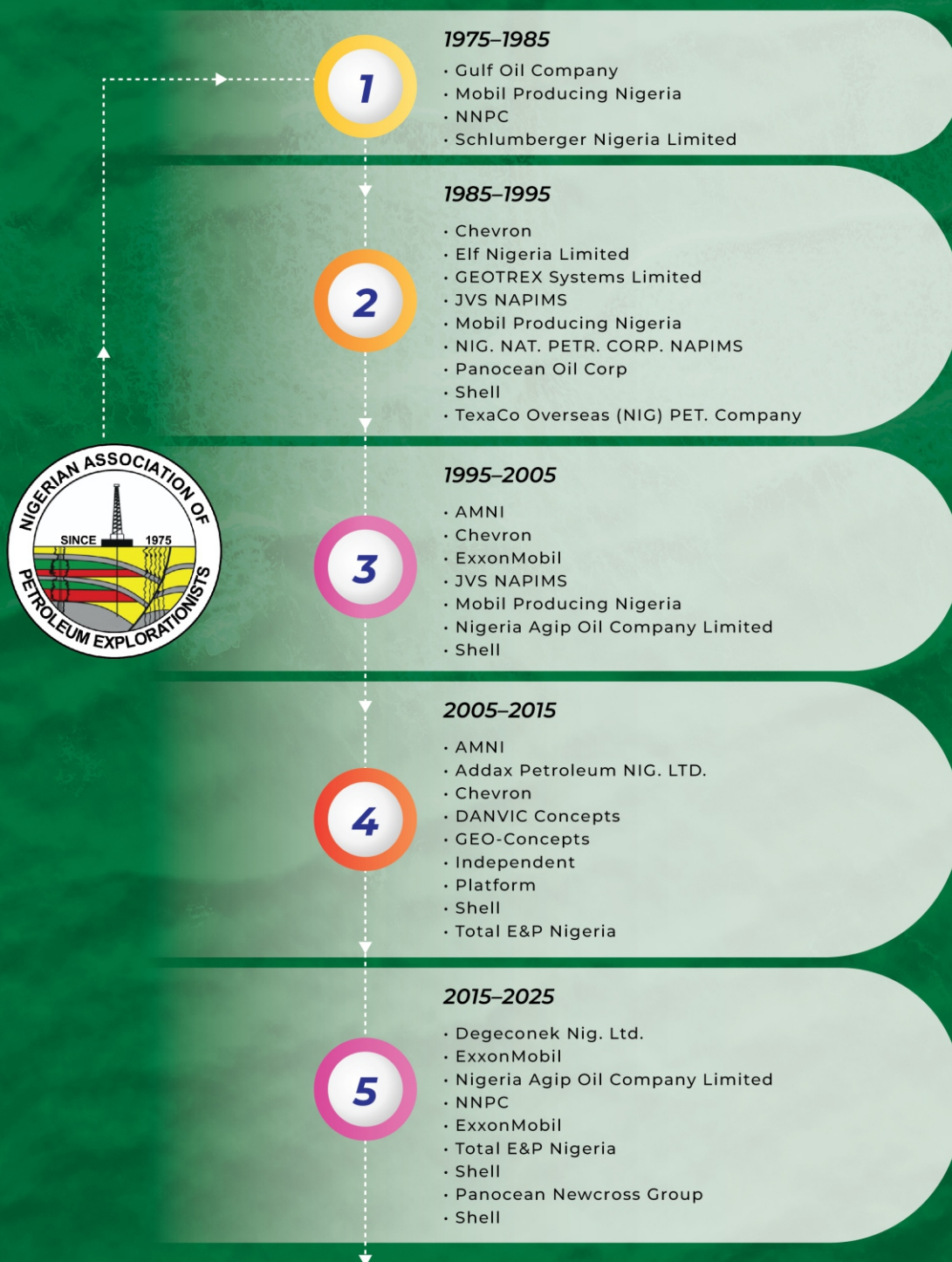
**MR ISAAC AROWOLO FNAPE
(PRESIDENT, 2009-2010)**



**DR. ANDREW EJAYERIESE
FNAPE
(PRESIDENT, 2017 – 2018)**

5 Decades of Leadership: NAPE Presidential Affiliation Timeline 1975–2025 (at Inauguration)

Explore the rich legacy of NAPE Presidents and their affiliations from 1975 to 2025 — a journey through the industry's top players.



NAPE APPOINTS NEW HEAD OF SECRETARIAT AND ADMINISTRATION



NIGERIAN ASSOCIATION OF PETROLEUM EXPLORATIONISTS

BLOCK 47A, FEMI OKUNNU HOUSING ESTATE, LEKKI/EPE EXPRESS WAY, LEKKI PENINSULA, LAGOS.
P. M. B. 12598, MARINA, LAGOS, NIGERIA. TEL: (234)-1-3429082, 234-09092143198.
E-mail: info@nape.org.ng Website: www.nape.org.ng

July 22nd, 2025

NAPE ANNOUNCES RACHEAL CHIDINMA AZORIWU AS NEW HEAD, SECRETARIAT & ADMINISTRATION

I am delighted to announce the appointment of Mrs. Racheal Chidinma Azoriwu as Head of Secretariat & Administration for the Nigerian Association of Petroleum Explorationists (NAPE), effective August 1st, 2025. Her appointment followed a competitive recruitment process and aligned with our amended constitutional provisions.

Chidinma brings to this role 14 years of diverse experience in the oil and gas industry, with strong competencies in Business Administration, Corporate Affairs, Office Management, Contract and Procurement Services, and Training Management. She has consistently demonstrated the ability to lead multidisciplinary teams and successfully delivered complex projects with measurable impact.

In her most recent role as General Manager, Administration & Business Development, Chidinma led a team of engineers in delivering Gyro Services to several leading producing companies. Her accomplishments reflect her excellent stakeholder management, team leadership, and operational execution skills.

Chidinma holds a B.Sc. in Geology from the University of Maiduguri, Borno State, and an M.Sc. from the University of Jos, Plateau State. She is widely recognized for her professionalism, strategic thinking, and integrity. Her unique blend of leadership acumen and geoscience background makes her well-suited to lead the NAPE Secretariat and support the execution of our strategic vision for sustained growth and innovation.

Please join me in congratulating Chidinma on this well-deserved appointment and extend your full support to her as she takes on this important leadership role.

Johnbosco Uche, FNAPE

President, Nigerian Association of Petroleum Explorationists (NAPE)

NEW MEMBERSHIP LIST

FEBRUARY 2025 - JUNE 2025

NEW ACTIVE MEMBERSHIP

MEMBERSHIP STATUS	NAME (SURNAME FIRST)
Active	Lawal Ibrahim Yarima
Active	Manny Attah Adamah
Active	BUSUYI AJANAKU
Active	Daniel Obasaju
Active	Donatus Chukwuebuka Asogwa
Active	Shakirat Mustapha Aminu
Active	Emmanuel Babafemi
Active	Princewilln Agbasieje
Active	Oluwakemi Emah
Active	Oluwatimilehin Akinsanya
Active	Bilyamin Malah
Active	Kelechi Azubuikie-Ijomah
Active	Jessica Owogeka Agu
Active	Eze Stanley
Active	Jacob Akoh Abbah
Active	Emmanuel Leigha
Active	Jude Onyebuchi Ezea
Active	Victoria Owolabi
Active	Abednego Ishaya
Active	Sheriff Abdulrafiu
Active	Muhammad Liman Attairu
Active	Ejike Nwuba
Active	TIMILEYIN AYENURO
Active	Gyang Chuwang
Active	Hamza Muhyideen
Active	Ajagbe Abraham
Active	Lawal Muhammed Alamoyo
Active	Seigha Tukoraa
Active	Precious Anagwu-Nwobi
Active	Adamu Usman Baba
Active	Philip Akharialea
Active	Rukayat Sanni
Active	Victor Anokwuru
Active	Onyekachukwu Akor
Active	Pius Jude
Active	Mohammed Kachallah
Active	Abdullahi Muhammed
Active	Ayebawanaemi Geraldine
Active	Uzoma Godspowern Igboerisim
Active	Faith Chidinma Gabriel-Ugwu
Active	Omolara Atarhe
Active	Muhammad Lawan Idris
Active	Aliyu Abdulmumin
Active	Martina Onyinye Eze
Active	Halima Gajibo Mustapha
Active	Tomi David Tundealao
Active	Sunday Junior Malior
Active	Vanessa Ugochinyere Obasi
Active	AHMAD TIJJANI
Active	Favour Eigbedion
Active	Gloria Otosisigbo
Active	oghenekevweighorhiowhunu
Active	Simon Ogidikpe
Active	Adeniyi John Raifu
Active	Muhammad Isah
Active	Akinwale DavidImoru
Active	Desmond Kassim
Active	Oluwatosin Adegoke
Active	Gudu Oghenemaro
Active	Chukwuamaka Kosonyeme
Active	KELECHI UKOR

NEW ACTIVE MEMBERSHIP

MEMBERSHIP STATUS	NAME (SURNAME FIRST)
Active	Helen Ezeh
Active	Aduragbemi Adeniji
Active	Aminu Ahmed Yuguda
Active	Promise Ufot
Active	Ojuolape Mariyam
Active	Testimony Oghenakhoghie
Active	Agbomeire Akilo
Active	Aminat Olasunmibo Olateju
Active	Kaine Scent Bobmanuel
Active	Chisom Adaorah
Active	Chinagorom Ogonnaya
Active	I. Ogechi Okoli
Active	Ismaila Abiodun Paraiso
Active	Iyanuoluwa Fadahunsi
Active	Olubunmi Omotola
Active	Oluwale Anifowose
Active	Oluwaseyi Akinbosola
Active	Olufemi Olufemi Ogundiran
Active	Okechukwu Chijiokwe
Active	Andrew Muzan
Active	Segun Ogunleye
Active	Oladeji ADEYEMI
Active	Homa Viola Akaha-Tse
Active	Ahmed Ajakore
Active	Jacinta Chukwuma-Orji
Active	ABDUL FATAI JOLAO SO
Active	Tracy Tigiri
Active	Cyrusba Dabaye Dagogo-Jack
Active	Charles Uwaezuoke
Active	Chiazor Stephen NGOZI
Active	Prince Agha
Active	TOSIN OYENIYI
Active	Biebele Diri
Active	Romeo Ojong
Active	Mercy Titilayo Alebiosu
Active	Christopher Edoja
Active	Peace Oluwaseyi AGBAJE
Active	Onome Oren
Active	Tolulope Ajila
Active	Otitodilichukwu Akankali
Active	Oluwaseun Martins
Active	Chidiebere Okafor
Active	Aliyu Hassan Hassan
Active	Chukwuemeka Kenneth
Active	Abdulsobur Abubakre
Active	SamuelAdeniyi-Bodunrin
Active	Ifeoluwa Salami
Active	Anthony Ugbaja
Active	Adekunle Adebayo
Active	Chinonso Victor Umechukwu
Active	George Ijeoma-Israel
Active	Oluwatosin Akinyosoye
Active	Tochukwu Obeta
Active	Jessica Oke
Active	Ibrahim Abubakar
Active	Damilola Shobowale
Active	Jaiyeola Temitope Atolagbe
Active	Samuel Mayowa Michael
Active	Sharon Chioma Emeremgini
Active	Ogheneruona Sophia
Active	Chiamaka Scholastica Clara

NEW ASSOCIATE MEMBERSHIP

MEMBERSHIP STATUS	NAME (SURNAME FIRST)
Associate	Saleh Jawa
Associate	Joan Adesuwa
Associate	David John

CORPORATE MEMBERSHIP

MEMBERSHIP STATUS	NAME (SURNAME FIRST)
Corporate	L & G Insurance Brokers Nigeria Limited

NEW STUDENT MEMBERSHIP

MEMBERSHIP STATUS	NAME (SURNAME FIRST)
Student	Gbenga Lawal
Student	Abdussalam Muhammed
Student	Collinseleche
Student	Isreal Oluwadamilare Oyetunji
Student	Temitope Salami Emmanuel
Student	Abdultawa Bokeji Asema
Student	Queenattah Awah
Student	Mondayalfa
Student	Joshua Isaac Adama
Student	Idri Sajigala
Student	Enemona Andrewatabo
Student	Muhammad Aliyu Idrees
Student	Jemimah Oguche
Student	Edoeje Gloria Adaji
Student	Isoovie Sinimu Adewole
Student	Abduljelil Zeeisah
Student	Ojoajogwu David Daniel
Student	Kudirat Adebo Shuaibu
Student	Rejoice Edward
Student	Besiru Abdullahi
Student	Olawale Adepoju Abdulfatai
Student	Atekojo Joseph Emmanuel
Student	Deborah Kolofo
Student	Ojotule Mercy Emmanuel
Student	Joshua Haruna
Student	Ojochenemi Dorcas Usman
Student	Christiana James
Student	Oyiza Zuleihatdan-iboyi
Student	Enechojo Miraclegabriel
Student	Ernest Ayegba
Student	Chubiyoo Chimana Favour
Student	Ojochenemi Benjamin Sonia
Student	Unekwu Ojodrisu Rejoice
Student	Tolulope David Shoyemi
Student	Ojodomo Benjamin Gideon
Student	Kubrah Ismaile
Student	Progressjob Ayomide
Student	Billyaminu Yusuf
Student	Aloma Nkebiru Usman
Student	David Moses Oluwarokanmi

NEW MEMBERSHIP LIST

FEBRUARY 2025 - JUNE 2025

NEW STUDENT MEMBERSHIP	
MEMBERSHIP STATUS	NAME (SURNAME FIRST)
Student	Victor Anadi Prince
Student	David Noah Danladi
Student	Ojodomo Felix Peter
Student	Meka Peter David
Student	Ufedogodwin Blessing
Student	Ayomide Temiyemi
Student	Ojochegbe Anthony Peter
Student	Abubakar Umar
Student	Adeiza Yusuf Rufai
Student	Wisdom Adegbe Cornelius
Student	Nasirmuhaz General
Student	Davidsuberu
Student	Abdulqudus Aliyu
Student	Halima Hisah Ufedo
Student	Ishaq Bilal
Student	Godswill Uchechichuku
Student	Onyeka Uweh
Student	Ubonge Mmanson
Student	Euniceolaoye
Student	Adebayo Dada
Student	Gbenga Isaiah Olowolagba
Student	Comfortogiji Ochanya
Student	Maryowa Magbe
Student	Marvellous Oluwatobiokola
Student	Lilian Agada Enyojo
Student	Hope Jerry Zugwai
Student	Salim Suleiman Bashir
Student	Bello Muhammad Khalifa
Student	Muhammad Munir Yusuf
Student	Iqmatjibril
Student	Hussain Iyarima
Student	Rukayya Yusuf
Student	Ridwanoseni
Student	Ifeoluwa Adekoya
Student	Efe Goodness Ogheneruona
Student	Olanrewaju Kaosarat
Student	Donald Terwase
Student	Osaki Lawson Jack
Student	Danielugwueze
Student	Jessica Oluwafunsho Abioye
Student	Ayiri Omagbemi
Student	Elizabeth Akolo
Student	Gloria Chinonyere
Student	Khidru Olaoluwa Shittu
Student	Iyanuoluwa Testimony
Student	John Adefemi Kakanfo
Student	Yaqub Opeyemi Umar
Student	Samuel Abolade Omiwole
Student	Roqeebat Damilola Taiwo
Student	Ayotomiwa Favour Oyeledun
Student	Chioma Nwafor
Student	Jane Nwaekwu Nife
Student	Nmesoma Dumkene Chukwu
Student	Blessing Obinezu
Student	Amarachi Nwankwo
Student	Somtochukwu Favour Oluaoha
Student	Victoria Okonkwo

NEW STUDENT MEMBERSHIP	
MEMBERSHIP STATUS	NAME (SURNAME FIRST)
Student	Toochi Theodora Okwuma
Student	Blessing Ukamaka Onubi
Student	Destiny Chinwendu Chikwem
Student	Abayomi Emmanuel Ogunbowo
Student	Subuola Marydavies
Student	Chinecherem Goodnes
Student	Ujunwa Maureen Nwokwu
Student	Mary Cynthia Uzomaikelu
Student	Chiamaka Miracle Ihedi
Student	Jennifer Chisom Uzoegbo
Student	Michael Chibuike Mokoye
Student	Mmesoma Favour Onyeji
Student	Rejoice Onyinyechi David
Student	Babatunde Oluwaseyi Akinola
Student	Fullness Temiseese Olabode
Student	Aishat Kofoworola Adebayo
Student	Sodiq Olatilewa Akanji
Student	Eucharía Chioma Nwankpa
Student	Adeola Toluwanimi
Student	Roqeeb Akande Oyekan
Student	Oluwasegun Paulakanbi
Student	Godsgift Emoghene
Student	Abubakar Habib
Student	Praise Akachukwu Christian
Student	Justice Ugongnan Wankwo
Student	Ikhide Ataman
Student	Eniola Rachael Adekeye
Student	Musa Mustapha
Student	Aliyu Nuhu Wakili
Student	Muhammad Opeyemi
Student	Abubakar Yazidu
Student	Abdallah Yusuf
Student	Braimoh Naomi Omonojemafe
Student	Habib Akande
Student	Yekeen Taiwo
Student	Aishatu Abdul Ganiyu
Student	Divine Ekikiwwe
Student	Amina Aliyu Alhassan
Student	Sadiya Isah Babangoro
Student	Umarumar Danmalam
Student	Adamu Zakariya
Student	Hafeezu Bello Nabalki
Student	Mustapha Shehu Muhammad
Student	Tasiu Idris
Student	Saidu Salihu
Student	Faruk Abdulrahman Jibril
Student	Kaosarat Olanrewaju
Student	Paul Isanash
Student	Otu
Student	Ebuka Chikwe
Student	Isaiahbolupe
Student	Biobaku Boluwatife Benson
Student	Davies Ajayi
Student	Hope Arosoye
Student	Joshua Obi
Student	Precious Ologun
Student	Benedict Afolabi

NEW STUDENT MEMBERSHIP	
MEMBERSHIP STATUS	NAME (SURNAME FIRST)
Student	Adama Mohammed
Student	Kemi Queendalin Adewumi
Student	Kingsley Ugochukwu Odenigbo
Student	Daniel Bwefukfaya
Student	Adewole Stephen Adegboyega
Student	Favour Chisom Eze
Student	Chidera Joyce Okeke
Student	Angel Anulika Chima
Student	Nneka Juliet Edeh
Student	Mmerichukwu Precious Akaha
Student	Marvellous Chinemerem
Student	David Udochukwu Nwachukwu
Student	Chibueze Paschal Akposioha
Student	Kosisochukwu Lambert Onyeji
Student	Abimbola Ujunwa Ezeadim
Student	Rex Chidubem Onyiliagaha
Student	Chinaemerem Precious Nweke
Student	Blessing Ngozi Anejodo
Student	Chidera Jennifer Uchendu
Student	Catherine Chiemeriengele
Student	Uchechi Miracle Chukwunyere
Student	Tonia Chinazadike Jiorah
Student	Somto Anthony Nwankwo
Student	Kindness Ogechi Aaron
Student	Mmachi Claribel Okorie
Student	Jennifer Chioma Okwara
Student	Precious Nkemakon Amogu
Student	Frances Chidiebele Umeh
Student	Ebube Immaculate Onah
Student	Amarachi Kingsley Martins
Student	Benita Oluebube Tony
Student	Chiemela Prosper Emenike
Student	Richard Oluwasomidire
Student	Sunday Agbu
Student	Bilkisu Abdullahi Hussaini
Student	Mathias Chibuike Victory
Student	Osondu Chidubem Bertrand
Student	Daji Nyohanna
Student	Datu Thankgod Ayuba
Student	Mary Vivian Dabelu
Student	Peculiar Udochukwu Ekwunma
Student	Amblessed Chiga Emezu
Student	Amarachi Amira Uzoka
Student	Alexandra Ezinwa Nneeze
Student	Chibuife Diamond Ikechukwu
Student	Rosemary Chinemerem
Student	Josephine Osinachiagu
Student	Chidinma Shelter Nweke
Student	Chukwuebuka Micheal Oligbo
Student	Chibueze Judeezeokeke
Student	Chibundu Franklin
Student	Franklin Chukwueme Kaokoli
Student	Marvellous Chidozie
Student	Muhammad Na'ima Ishayaku
Student	Huazifa Muhammad Kamba
Student	Maryam Bashar
Student	Sulaiman Lawal

NEW MEMBERSHIP LIST

FEBRUARY 2025 - JUNE 2025

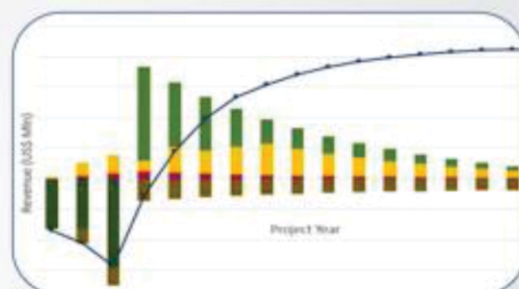
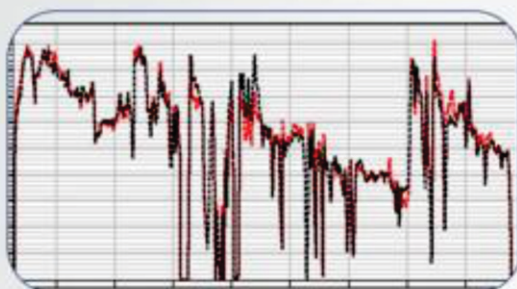
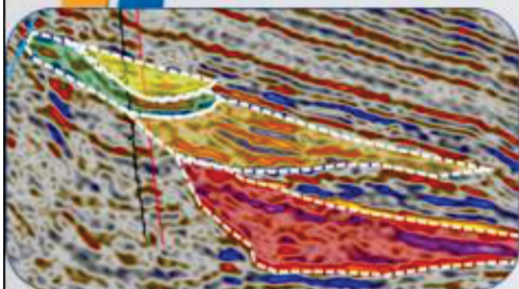
NEW STUDENT MEMBERSHIP	
MEMBERSHIP STATUS	NAME (SURNAME FIRST)
Student	Abba Adamu Isah
Student	Junaidu Malami
Student	Safiyya Ahmad
Student	Mukaila Sheriff
Student	Abdulmalik Bello Gezah
Student	Gift Thomas
Student	Buhari Hali
Student	Aisha Shehu Sambawa
Student	Suleiman Aminu
Student	Attahiru Haruna Iliyasu
Student	Aliyu Umar
Student	Ibrahim Haruna
Student	Abdulrahman Umar Faruk
Student	Khalid Saminu
Student	Suleiman Muhammad Mubarak
Student	Mukhtar Atiku
Student	Aliyu Abdullahi Limanci
Student	Elijah Jiyah
Student	Abubakar Abubakar Usman
Student	Abiola Elizabeth Osuntoogun
Student	Alliu Adebawale Gbadamosi
Student	Rhoda Ifeoluwa Opabunmi
Student	Favour Chinecherem
Student	Stephanie Chiagozie Hycent
Student	Oluwafemi Ayanfeoluwa
Student	Oluwakemi Ibukunoluwa
Student	Opeyemi Sandraoe Sanmi
Student	Mobolaji Damilola Babatunde
Student	Abdulrahman Abubakar
Student	Ozioma Princess Okoye-alor
Student	Success Chinonso Aguguo
Student	Favour Oluebubechukwu
Student	Ibrahim Yahaya Mungadi
Student	Alamin Mukhtar Wasagu
Student	Abubakar Faruk Sahabi
Student	Fatima Abubakar Bana
Student	Khadija Bello Mera
Student	Yusuf Aliyu
Student	Nuhu Ahmad
Student	Musa Muhammad Jirgi
Student	Miracle Julius Kitso
Student	Abubakar Usman Kende
Student	Abubakar Ahmad
Student	Haruna Yaro Gari
Student	Ishaya Yakubu Samuel
Student	Maimuna Farouk Rugga
Student	Naziru Omar Kangiwa
Student	Saratu Stephen Kokuwa
Student	Nasiru Ibrahim
Student	Halimatu Sadiya Muhammad
Student	Sulaiman Lawal
Student	Geraldine Onyedikachukwu
Student	Meserch Ossai Chidera
Student	Isreal Matoh
Student	Yahya Haruna
Student	Hamza Abdulmumin
Student	David Pambitrus

NEW STUDENT MEMBERSHIP	
MEMBERSHIP STATUS	NAME (SURNAME FIRST)
Student	Folashade Abdulazeez
Student	Gaski Gabriel Maishanu
Student	Gilbert Ezragumut
Student	Hassan Yusuf Manglek
Student	Innocent Domsingkusa
Student	Inrat Abelbulus
Student	Isaiah Ekpo Danjuma
Student	Ayomide Elizabeth Olagoke
Student	Abdulrahman Abubakar
Student	Oluwademiladeogo Cyril Folalu
Student	Aminu Isah Yerima
Student	Ebenezer Ayokun Miosuolale
Student	Chinonso George Chiamogu
Student	Adamu Usman
Student	Aliyu Balarabe Tukur
Student	Muhammed Saidu Kamba
Student	Jonathan Yomi Owoeye
Student	Constance Oluchi
Student	Joseph Silas
Student	Jennifer Goyodashe
Student	Judith Nenkimwa Richard
Student	Jummai Emmanuel Deme
Student	Kushim Ruthazi
Student	Loretta Nanbye Nbinfa
Student	Mafeng Ernest Davou
Student	Nanle Samuel Datep
Student	Nanfa Benjamin
Student	Noel Noro Davou
Student	Paul Hyelda
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Student	Nwalo Chiemelie
Student	Chinechere Mfoegbu
Student	Gerald Ineegwu
Student	Prosper Kellynya
Student	Odo Mary Ugochukwu
Student	Onuoha Esther
Student	Sandra Nnenji
Student	Peter Edem
Student	Mercy Covenant Bassey
Student	Levi Chidera Anigor
Student	Franklin Anorue
Student	Peter Ugwuoke
Student	Taofeek Opeyemi Tijani
Student	Dorcas Temiloluwa Oyetade
Student	Maria Ogochukwu Okosa
Student	Chisom Nwokeabia

NEW STUDENT MEMBERSHIP	
MEMBERSHIP STATUS	NAME (SURNAME FIRST)
Student	Onyinyechi Okenwa
Student	Opiaf Austina
Student	Amachukw Unwachukwu
Student	Chidera Chilaka
Student	Stephanie Okolie
Student	Miracle Agu
Student	Doris Okonkwo
Student	Oroke Obinna Peter
Student	Aliadodo Chidiebube
Student	Akan Stella
Student	Amara Chiokeka
Student	Eze Majane
Student	Chukwuma Ekwerike
Student	Onyebuchi Solomon Ominyi
Student	Chinasa Jennifer
Student	Williams Okechukwu
Student	Ihechimere Kanu
Student	Uchenna Divine
Student	John Nnamani
Student	Happiness Asuquo
Student	John Akanjok
Student	Glady Sededet
Student	Moses Msughshima
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NAPE MILESTONE IN HISTORY: A HALF-CENTURY OF ACHIEVEMENT

As the Nigerian Association of Petroleum Explorationists (NAPE) marks five decades of excellence, its golden jubilee celebration is a momentous occasion to reflect on its remarkable journey. For fifty years, NAPE has stood at the forefront of Nigeria's petroleum industry, driving policy, developing talent, and pushing the boundaries of exploration and production. This article takes a closer look at NAPE's milestones and achievements over the past fifty years, highlighting its profound impact on industry.

NAPE's journey started in 1975, when Akomeno Oteri, a young Mobil geologist, envisioned a platform for Nigerian geoscientists. Drawing inspiration from his experience at Society of Exploration Geophysicists (SEG) meetings in Dallas,



Oteri and his colleagues founded the Lagos Society of Geologists and Geophysicists. This organization later evolved into the Nigerian Association of Petroleum Explorationists (NAPE), expanding its scope to include professionals beyond Lagos.

From humble beginnings, NAPE has grown into a powerhouse professional organization, boasting over 15,000 individual members and 170 corporate members. With its headquarters in Lagos and six regional Chapters across Nigeria - including Port Harcourt, Benin, Warri, Awka/Owerri, Uyo, and Abuja - NAPE's reach extends globally, with members in Europe (UK) and North America (USA). Today, NAPE is the go-to platform for geoscientists and industry professionals to network, share knowledge, and drive innovation in the petroleum sector.

NAPE had firmly established itself in Nigeria by the time it affiliated with AAPG



in 1994. This partnership provided AAPG with a strategic opportunity to expand its programs and services into sub-Saharan Africa. Prior to this affiliation, AAPG had partnered with two North African societies: the Earth Science Society of Libya (1973) and the Egypt Petroleum Exploration Society (EPEX) (1984). By 1994, NAPE had matured into a seasoned organization, making it an ideal partner for AAPG's African expansion.

NAPE's members have reaped significant benefits from the industry's shift towards localization, which they've worked tirelessly to drive. Notably, five of Nigeria's top 20 indigenous oil and gas companies were either founded or led by former NAPE presidents. A standout example is Conoil, a pioneering mid-sized Nigerian-owned company that operates its own fields. Founded by Ebi Omatsola, FNAPE, a visionary exploration expert and former NAPE president, Conoil was the only Nigerian company granted leases in 1990/91 to successfully reach first oil. Despite challenges over the years, Conoil continues to thrive, producing over 13,500 barrels of oil per day, 33 years after achieving first oil.

Other notable examples include Aradel Holdings, led by Dr. Layi Fatona, FNAPE for 25 years, which is Nigeria's most integrated hydrocarbon producer and has operated a privately-owned crude oil refinery for over five years. Amni Petroleum, headed by Tunde Afolabi, a former NAPE President (1998/99), was awarded OPL 237 in 1994 and has been producing from the Ima field since 1996, with a combined output of 10,000 BOPD from the Ima and Okoro fields as of July 2015. Additionally, Prime Energy, led by Chambers Oyibo, a NAPE founder and former president who later became

NNPC's Group Managing Director, operates the Assaramatoru field. These examples showcase the significant impact and achievements of NAPE's former presidents in Nigeria's oil and gas industry.

Energia Limited operates the Ebendo field in the Western Niger Delta, a company co-founded by George Osahon, FNAPE. Notably, Osahon held a unique dual role as Director of the Department of Petroleum Resources (DPR), the industry regulator, and President of NAPE in 2013. The Ebendo field is the second-largest producing marginal field from the 2003 class, consistently delivering over 5,500 barrels of oil per day.

Austin Avuru, FNAPE. NAPE President from 2005-2006, co-founded and led Seplat, Africa's largest independent oil and gas exploration company. At just 51, Avuru was the youngest former NAPE president to helm a company of such magnitude. Under his leadership, Platform Petroleum, a marginal field producer, partnered with Shebah Petroleum to form Seplat through a joint venture. Seplat later partnered with French explorer Maurel & Prom to acquire Shell-operated OMLs 4, 38, and 41. Today, Seplat has stakes in 12 blocks, operating nine, with a net production of approximately 120,000 barrels of oil per day - around 8% of Nigeria's total output.

NAPE has hosted over 40 annual conferences and exhibitions, each a dynamic hub of innovation, collaboration, and knowledge-sharing. What started as a platform for paper presentations and corporate exhibitions has evolved into a multifaceted event. Today, NAPE's conferences feature hands-on short courses to upskill professionals, the Basin Evaluation Competition (BEC) for university teams to develop real-world solutions using industry-standard software, and a thought-provoking essay contest for students to tackle pressing industry issues. The recent addition of the AICE Hackathon, launched by NAPE Young Professionals in 2024, brings AI-driven problem-solving to the forefront, highlighting NAPE's commitment to



shaping the future of exploration and geosciences.

NAPE has made significant strides in promoting gender diversity and inclusion in its leadership. A notable milestone is the election of female presidents who have left a lasting impact on the Association. Mrs. Adedoja Ojelabi, FNAPE, broke ground as the first female president (2013/2014), paving the way for greater female participation and inspiring women in geosciences. She was followed by Mrs. Patricia Ochogbu, FNAPE, as the second female president (2020/2021). With Mrs. Olajumoke Ajayi, FNAPE set to be sworn in as the third female president in November 2025, NAPE's commitment to inclusive leadership and professional excellence is further strengthened. These trailblazing women have greatly contributed to NAPE's growth and serve as role models in the petroleum exploration community.

In a bid to attract fresh investment and industry players, the Nigerian government implemented the Petroleum Industry Act in 2021, paving the way for a new era of growth. Key to this effort is the Nigerian Association of Petroleum Explorationists (NAPE), which plays a vital role in driving the next wave of exploration and development in the country's oil and gas sector.

NAPE has joined forces with African Energy Week (AEW) 2023, the continent's largest energy event, to drive regional energy security and economic growth. This partnership highlights NAPE's commitment to collaboration and meaningful engagement in the energy



sector. NAPE also works closely with prominent industry organizations, including the European Association of Geoscientists and Engineers (EAGE), Petroleum Technology Association of Nigeria (PETAN), and Nigerian Mining and Geosciences Society (NMGS). Through these alliances, NAPE advances geoscience, fosters innovation, and strengthens professional networks in Nigeria and beyond.

NAPE has been instrumental in building partnerships among Nigerian, African, and international oil and gas professionals, which is crucial for the responsible development of Nigeria's vast energy reserves. Sharing a common vision with the Nigerian National Petroleum Corporation (NNPC), NAPE is dedicated to advancing Nigeria's energy sector, driving innovation, and ensuring a sustainable future. The Association has nurtured industry leaders, including Chief Chamberlain Oyibo, FNAPE, who went



on to serve as NNPC's Group Managing Director and NAPE's 2nd President. His leadership legacy in both organizations underscores NAPE's significant influence and its pivotal role in shaping Nigeria's petroleum industry. NAPE not only fosters industry collaboration but also invests in nurturing young talent through training and business discussions. Recognizing the need for evolving educational approaches, NAPE emphasizes enhanced training and education to meet the sector's changing demands. As the global energy landscape shifts towards cleaner sources, NAPE has acknowledged natural gas as a vital transitional fuel with a lower environmental impact. This shift in perspective led to the Association's rebranding, updating its slogan from "Our ideas find Oil" to "Our ideas find Oil and Gas". This change reflects NAPE's strategic focus on natural gas as a cleaner energy source crucial for Nigeria's future energy security. With estimated proven gas reserves of 200



trillion cubic feet and potential for growth to over 600 tcf, NAPE's new slogan aligns with Nigeria's goal of leveraging its vast gas resources to drive domestic growth and support global energy transition efforts. This milestone showcases NAPE's adaptability to industry trends and its commitment to exploration that supports sustainable development.

NAPE's commitment to nurturing the next generation of geoscience professionals is exemplified by its pioneering initiatives. A notable example is the Mentoring Circles Program, launched in 2021 by Johnbosco Uche, FNAPE, NAPE's current President and then Vice President. This program provides targeted support to early and mid-career professionals, connecting them with experienced industry leaders who offer expert guidance, valuable insights, and networking opportunities. By design, the Mentoring Circles empower participants to unlock their potential and lay a solid foundation for long-term career success.

NAPE further supports academic development through its Grants-in-Aid program, offering financial assistance to undergraduate and postgraduate students working on geoscience projects. These grants are awarded based on specific eligibility criteria, underscoring NAPE's commitment to fostering young talent and advancing industry research. Additionally, NAPE has partnered with Exploration and Production companies to donate state-of-the-art computer workstations and field vehicles to select universities across Nigeria's six geopolitical zones, enhancing their geoscience learning and research capabilities.

Overall, NAPE's achievements at its 50th anniversary reflect its commitment to excellence, innovation, and community-building, solidifying its position as a leader in the energy sector.

Eje. E.O (Ph.D.), Folashade Ojo



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NAPE @ EAGE CONFERENCE

NAPE was thrilled to participate in #EAGE2025! Our President shared valuable insights on a high-level panel, discussing how ultra-deepwater exploration is revitalizing the oil and gas industry. We're excited to see how these conversations drive meaningful progress globally across the energy sector





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HISTORY OF NAPE EMBLEM



In 1983, a competition was sponsored by the then just re-constituted NAPE successors-in-title to the Society of Geologists and Geophysicists, Lagos (SGGL), the erstwhile fledgling professional body for explorationists in the Oil Industry in Nigeria.

Invitation for the design of the emblem was open to all practising geologists in the country – particularly, those in the Oil industry. It was keenly contested but most entries came from practitioners in the Lagos environs. The entry submitted by Mr. Peter Haalebos, a Dutch Production Geologist with Shell won the prize which carried a then handsome cash sum of N100. Mr. Haalebos' sketch consisted of two concentric circles between which, in the annular space, he inscribed in capital letters, the name of the new association. The sketch also featured a drilling rig with its drill string penetrating a typical Niger Delta formation: basal marine shales (Akata); intermediate paralic sands and shales (Agbada) and on top, continental sands (Benin).

However this entry was modified by a committee chaired by Mr. James Orife. The modification introduced three items: the fault trace and geophysical data to the right. The former represents a normal growth fault common in most (Niger Delta) oil fields while the later is an acoustic impedance trace of reprocessed 2-D line in the Etelebou field.

The third modification is the wireline data to the left, part of the resistivity / gamma-ray log (digitized, sampled and displayed here in time). The data straddles two oil and gas bearing reservoirs and both reservoirs have perfect seals. Because a black and white emblem would be too dull (it was thought), colour shades were introduced as follows: yellow for wet sands, green for gas caps and red for oil columns. It is important.

The modification was effected by O.A. Dokun, then a Lateral Prediction Geologist at Shell in Lagos. Thereafter, it was approved and ordered for drafting. Drafted by Olu Adejola. It was in the custody of the author since it was produced. On the 17th of November 1994 at Musson Hall, Lagos, it was delivered to the president of NAPE, Dr. O.F. Fatona for keeps as property of the Association.

O.A Dokun and P.E.M. Haalebos in 1994

Thermal Studies of Parts of the Southern Benue Trough and the Anambra Basin Using Spectral Analysis: Implications for Hydrocarbon Prospectivity

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Abstract

Thermal studies were carried out to determine the Curie Point Depth (CPD), heat flow and geothermal gradient in parts of the southern Benue Trough and the Anambra Basin. This was done using the spectral analysis method from aeromagnetic data. Nine high-resolution aeromagnetic sheets covering the study area were acquired and divided into nine overlapping blocks with a moving window of 120km by 120km. The depth to the top (Z_t) and depth to the centroid (Z_c) of magnetic sources were estimated. Depth to the bottom (Z_b) of magnetic sources which represents the CPD were then calculated. Results indicate that CPD decreases towards the north with values ranging from 22.40 to 32.40km, having an average of 28.39km. Heat flow and geothermal gradient increases towards the north. Heat flow values ranges from 44.75 to 64.73mW/m², with an average of 51.99mW/m² while geothermal gradient ranges from 17.90 to 25.89°C/km, with an average of 20.80°C/km. This shows an inverse relationship exists between the CPD and heat flow/geothermal gradient such that areas with high CPD have low heat flow and geothermal gradient while areas with low CPD have high heat flow and geothermal gradient. This study suggests that the southern parts of the study area is more favourable for hydrocarbon prospectivity due to its high CPD, low heat flow and geothermal gradient.

Keywords: High-resolution, aeromagnetic, spectral analysis, curie point depth, heat flow, geothermal gradient.

1. Introduction

Spectral analysis obtained from Total Magnetic Intensity (TMI) of the high-resolution aeromagnetic data was used in thermal studies of parts of the southern Benue Trough and the Anambra Basin. The high-resolution aeromagnetic data was acquired from the Nigerian Geological Survey (NGSA). Several authors have determined the thermal structures of the earth crust using the magnetic data (Spector and Grant, 1970; Bhattacharyya and Leu, 1975a, 1977; Blakely and Hassanzadeh, 1981; Okubo et al., 1985, 2003; Blakely, 1988, 1995; Tanaka et al., 1999; Ross et al., 2006; Ravat et al., 2007; Bansal et al., 2011; Bansal and Anand, 2012; Nwankwo and Shehu, 2015). The spectral method of the aeromagnetic data identifies signals from different sources (Dolmaz et al., 2005), and was used in estimating the Curie Point Depth (CPD), heat flow (q), and geothermal gradients ($\partial T/\partial Z$) of the study area. Above the Curie Point Depth, magnetic minerals in rocks lose their magnetism and passes from a ferromagnetic state to a paramagnetic state (Nagata, 1961; Tanaka et al., 1999). Differences of the Curie Point Depths of an area provides valuable information about the regional temperature distribution at depth within the area (Tselentis, 1991). This regional temperature distribution is necessary in hydrocarbon prospecting. Having determined the Curie Point Depth, the heat flow and geothermal gradients can be estimated (Kasidi and Nur, 2012).

2. Geological Setting

The study area covers parts of the southern Benue Trough and the Anambra Basin, and lies on latitudes 5°30' and 7°00'N, and longitudes 7°00' and 8°30'E, having an areal extent of approximately 23,570km² (Fig. 1). Several published works exist on the origin of the Benue Trough and the Anambra Basin respectively. The Benue Trough is divided into three (3): northern, central and southern segments. The southern Benue Trough which is part of this study is the southern section of the Benue Trough. The Benue Trough resulted from the Neoproterozoic collision between the northern Brazilian craton (Amazonian-São Luís) and the West African craton (São Francisco-Congo cratons) (Van Schmus et al., 1996; Brito Neves et al., 2000). Authors like Petters (1978) and Grant (1971), suggested that the trough itself is a failed arm of the Cretaceous Rift-Rift-Rift (RRR) system, while Allix and Popoff (1983), suggested that the trough developed in response to sinistral wrench tectonics which resulted in a series of en échelon deep sedimentary basins that parallel the axis of the trough. There was the possibility of an early igneous stage that occurred the same period with the initial opening of the South Atlantic Ocean, during the separation of the African and South American plates (Burke, 1976; Popoff et al., 1983). The Benue Trough is filled with marine sediments with the Asu River Group occurring at the base (Table 1). Ages of the basin fill decrease southwards with younger sediments within the southern Benue Trough. During the Santonian, a major thermotectonic event occurred which resulted in intense folding and compression of the Benue Trough. Within the Trough, sediments were displaced westwards which led to the formation of the Anambra Basin with accumulation of sediments derived from the Abakaliki anticlinorium (Obaje, 2009; Nwajide, 2022). The Anambra Basin, commonly considered as the youngest basin within the trough has a total sedimentary thickness of approximately 9,000m (Obaje, 2009). Separating both basins is an angular unconformity (Nwajide, 2022).

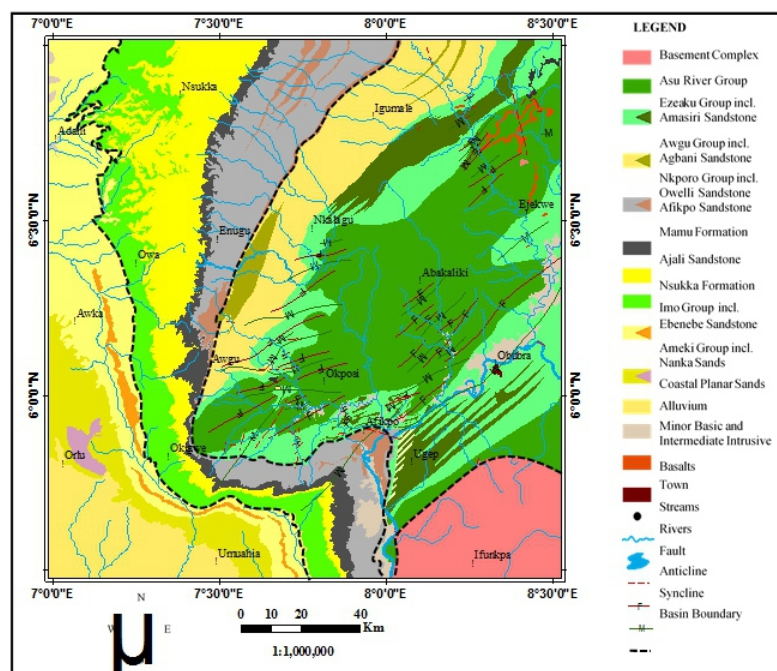


Fig. 1: Geologic map of the study area in parts of the southern Benue Trough and the Anambra Basin (Modified from SHELL-BP map, 1957)

Age (Ma)	Period	Epoch	Age	Basin	Stratigraphy		Environment of Deposition	Events		
					Group	Formation /Member				
70	CRETACEOUS	LATE	Maastrichtian	Anambra Basin	UCM	Nsukka Fm. Ajali Fm. Mamu Fm.	Deltaic- Marine	Uplift of the N. Benue and S. Chad, Onitsha high Uplift of Hoggar massif 80Ma	Anambra Basin fill	Drift
80			Campanian		Nkporo Group	Enugu Fm. Owelli Fm. Nkporo Fm.				
			Santonian		Intense Compression Leading to Inversion and Formation of the Abakaliki Anticlinorium					
			Coniacian	Southern Benue Trough	Awgu Group	Awgu Shale Agbani Sst.	Marine	Separation of the African and South- American plates	Abakaliki rift	Transition
90			Turonian		Ezeaku Group	Amasiri Sst. Nkalagu Lst. Ezeaku Shale				
100			Cenomanian		Mfamosing Fm.					
110		EARLY	Albian		Asu River Group	Abakaliki Fm. Awi Fm. Ogoja Sst.	Alluvial- Fluvial Lacustrine			Rift
			Aptian							
PRECAMBRIAN				BASEMENT COMPLEX						

Table 1: Tectonostratigraphy of the southern Benue Trough and the Anambra Basin (Modified after Ozumba Ekwenye et al., 2020). UCM = Upper CoaMeasure LCM = Lower Coal Measure

using the International Geomagnetic Reference Field (IGRF) model year 2005 to generate the Total Magnetic Intensity map (Fig. 2). Further processing was carried out using Microsoft packages 2016 and MatLab 7.5 software.

3.2.1. Curie Point Depth (CPD)

There are several methods that can be used in spectral estimation of the depth to the bottom of magnetic layer which is the CPD; but in this study, the centroid method of Bhattacharyya and Leu (1975a, 1977); Okubo et al., (1985), and Tanaka et al., (1999), was used. The study area was divided into 9 spectral blocks with a moving window of 120km by 120km overlapping blocks extracted from the TMI map. Spectral plots of energy against frequency were done for each of the overlapping blocks and the spectral energies were plotted on a logarithmic scale against frequencies (Fig. 3), from where the slope of the high frequency portion computed from equation 1 gives the estimation of the depth to the top of magnetic sources (Z_t) in the first plot.

$$\ln(P(k)^{1/2}) = B - k/Z_t \quad (1)$$

where $P(k)$ = Azimuthally averaged power spectrum, A = Constant, Z_t = Depth to the top of magnetic sources

The slope of the lower frequency portion computed from equation 2 gives the estimation of the centroid (Z_o) in the second plot (Tanaka et al., 1999).

Depth to the centroid of magnetic sources

Then the basal depth (Z_b) of the magnetic source was calculated using equation 3 (Bhattacharyya and Leu, 1975a, Okubo et al., 1985). This is assumed to be the Curie Point Depth.

$$Z_b = 2Z_o - Z_t \quad (3)$$

Where Z_b = Depth to the bottom of magnetic source = CPD, Z_o = Depth to the centroid of magnetic source Z_t = Depth to the top of magnetic source

3.2.2. Heat Flow (q)

Having determined depth to the bottom of the magnetic source (Z_b), the heat flow (q) was computed (Kasidi and Nur, 2012).

$$q = \kappa (\partial T / \partial Z) \quad (4)$$

Where q = Heat flow, κ = Coefficient of thermal conductivity, $\partial T / \partial Z$ = Thermal gradient

4. Results and Discussions

4.1. Curie Point Depth (CPD)

CPD's obtained for the study area are shown in Table 2. Depths to the centroid (Z_o) within the study area ranges from 17.40 to 22.40km, with an average of 20.13km, depth to the top (Z_t) ranges from 10.40 to 13.0km, with an average of 11.88km, while depth to bottom of magnetic source Z_b (CPD) ranges from 22.40 to 32.40km, with an average of 28.39km. CPD's within the study area increases towards the south. The lowest CPD is found in block 7 (Nsukka sheet), while the highest CPD is found in block 1 (Ogigwe sheet). Close to the middle to southern parts of the study area are characterized by deep CPD's with values greater than 28km, while the far north is characterized by shallow CPD's with values less than 26km. Greater CPD's occur in areas with thick sedimentary thicknesses, while shallow CPD's occur in areas with thin sedimentary thicknesses.

3. Materials and Methodology

3.1. Materials

Nine (9) sheets of high-resolution aeromagnetic survey data were acquired from the Nigerian Geological Survey Agency (NGSA) and was used in this study. The high-resolution airborne geophysical survey was conducted between 2005 and 2009 across parts of Nigeria, for the Nigerian Geological Survey Agency (NGSA). This geophysical survey was conducted by Fugro Airborne Surveys while Paterson, Grant and Watson Limited (PGW), carried out the preliminary processing and interpretations. The survey followed the NW-SE flight line direction which is perpendicular to the axis of the Benue Trough with a flight line spacing of 500m, tie line spacing of 5,000m and elevation of 80m.

3.2. Methodology

The raw aeromagnetic data was merged and edited using the Geosoft® Oasis Montaj™ 6.4.2 software by removing the geomagnetic gradient

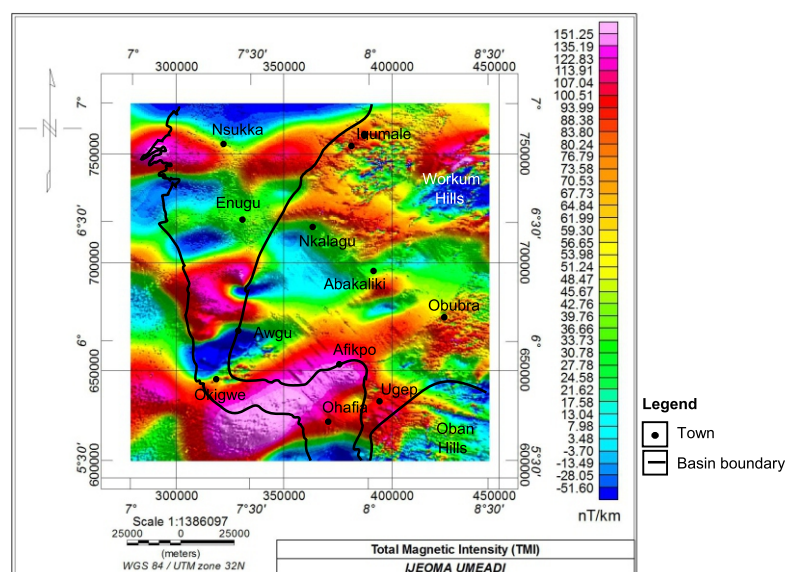


Fig. 2 Total Magnetic Intensity (TMI) map of the study area

3.2.3. Geothermal Gradient ($\partial T / \partial Z$)

Geothermal gradient ($\partial T / \partial Z$), is the increase of temperature with depth (Hyne, 1984). The geothermal gradient ($\partial T / \partial Z$) was computed using the basal depth (Z_b) (Tanaka et al., 1999; Ross et al., 2006), and is given as: Table 2: (A) Estimation of heat flow and geothermal gradient from CPD values of the study area from Spectral Analysis in km

(B) Estimation of heat flow and geothermal gradient from CPD values of the Anambra Basin from Spectral Analysis in km

(C) Estimation of heat flow and geothermal gradient from CPD values of the Southern Benue Trough from Spectral Analysis in km

$$\partial T / \partial Z = \theta_c / Z_b \quad (5)$$

Where $\partial T / \partial Z$ = Geothermal gradient, θ_c = Curie temperature (580°C), Z_b = Depth to the bottom of the magnetic source.

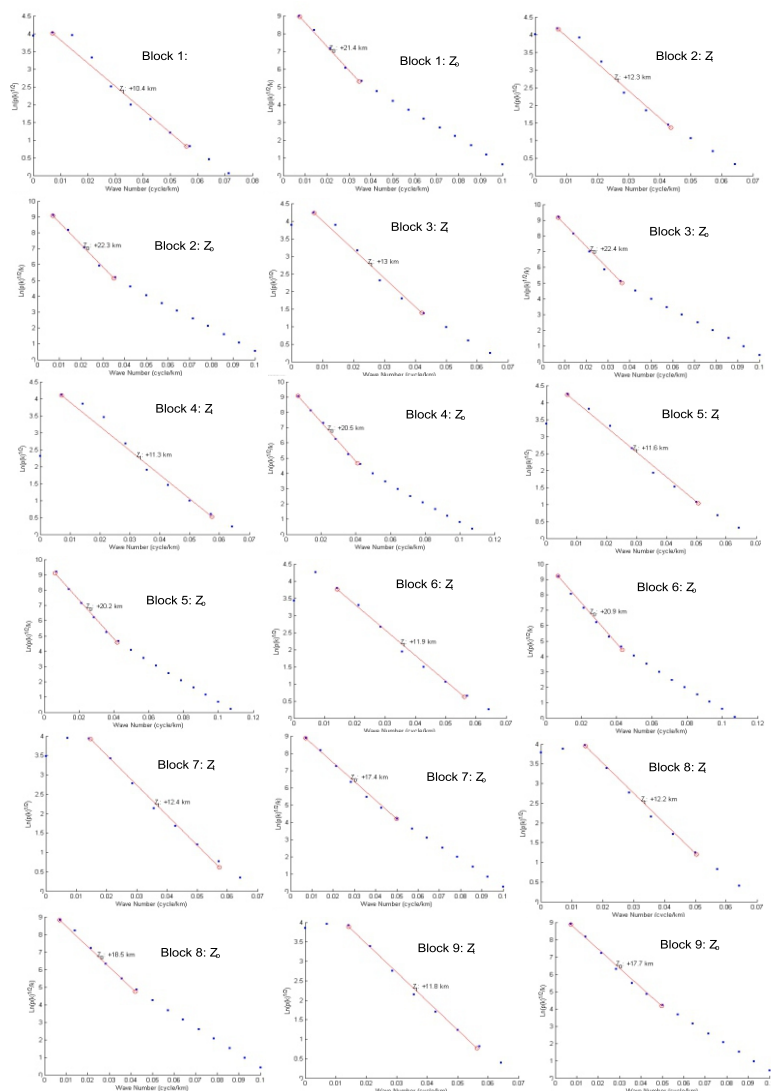


Fig. 3: Plots of the log of spectral energy versus the wave number for blocks

Table 2 (A) Spectral analysis parameter for the study area
Where Z_c = Depths to the centroid, Z_b = Depths to the top, Z_{CPD} = Depths to the bottom, CPD = Curie Point Depth

Spectral Analysis Parameters of Study Area						
BLOCKS	Z_c (km)	$2Z_c$ (km)	Z_b (km)	Z_b (CPD) = ($2Z_c - Z_b$) km	Heat Flow (q) (mW/m ²)	Geothermal Gradient ($\partial T/\partial Z$) (°C/km)
1	21.40	42.80	10.40	32.40	44.75	17.90
2	22.30	44.60	12.30	32.30	44.89	17.96
3	22.40	44.80	13.00	31.80	45.60	18.24
4	20.40	40.80	11.30	29.50	49.15	19.66
5	20.20	40.40	11.60	28.80	50.35	20.14
6	20.90	41.80	11.90	29.90	48.49	19.40
7	17.40	34.80	12.40	22.40	64.73	25.89
8	18.50	37.00	12.20	24.80	58.47	23.39
9	17.70	35.40	11.80	23.60	61.44	24.58
Average	20.13	40.27	11.88	28.39	51.99	20.80

4.2. Heat Flow (q)

Heat flow values ranges from 44.75mW/m² in block 1 (Okigwe sheet) to 64.73mW/m² in block 7 (Nsukka sheet), with an average of 51.99mW/m². Heat flow increases towards the north (Fig. 5). This trend of increase could be related to rocks within the area which is characterized by sedimentary rocks towards the south, and basement crystalline and igneous rocks towards the north as have been observed by various authors during geological fieldworks. It also indicates thinner sedimentary thickness in the north and thicker sedimentary thickness in the south. It is observed that an inverse relationship exists between heat flow and CPD, such that areas with high heat flow are characterized by shallow CPD and vice versa.

4.3. Geothermal Gradient ($\partial T/\partial Z$)

Geothermal gradient values range from 17.90°C/km in the south to 25.89°C/km in the north, with an average of 20.80°C/km, which shows an increase towards the north (Fig. 6). Increasing geothermal gradient could arise from closeness to basement, volcanic and metamorphic rocks, reduction in sand content, increase in shale content of the formation, upward migration of warmer fluids through migration pathways such as faults and fractures (Odumodu, 2011). High geothermal gradients and heat flow coincides with areas of shallow CPD's, which is in agreement with Nuri et al., (2005) of geothermally active areas being associated with shallow CPD's. Tselentis (1991), result showed that regions with high geothermal energy are characterized by anomalous high temperature gradient and heat flow. It is observed that geothermal gradient increases with decreasing CPD.

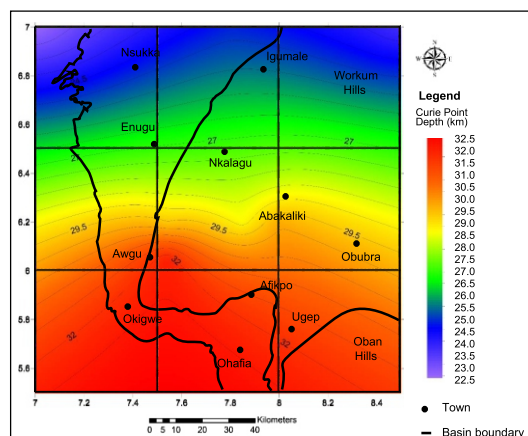


Fig. 4: Curie Point Depth (CPD) map of the study area

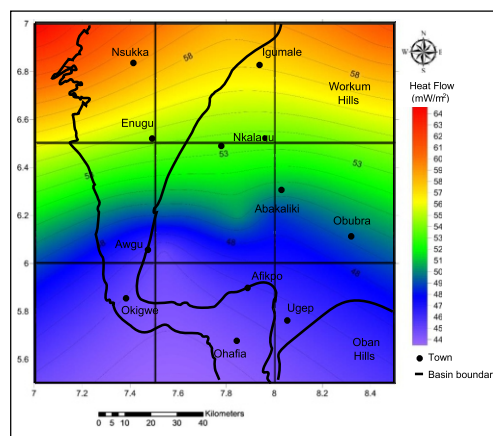


Fig. 5: Heat flow (q) map of the study area

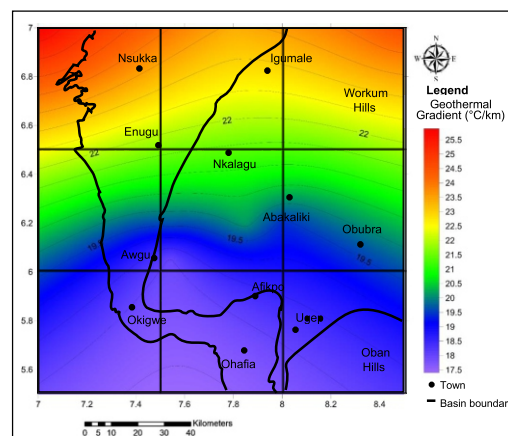


Fig. 6: Geothermal gradient ($\partial T/\partial Z$) map of the study area

5. Implications on Hydrocarbon Prospectivity

Research have shown that areas with high geothermal energy are characterized by high temperature gradient and heat flow (Tselentis, 1991). These areas have thin sedimentary thicknesses, young volcanisms and shallow CPD's (Aydin and Oksum, 2010; Nuri et al., 2005). Areas with thick sedimentary thicknesses have CPD's at deeper level than areas with thin sedimentary thicknesses. In this study, CPD increase towards the south, while heat flow and geothermal gradient increases towards the north. This shows that results are in agreement with each other and indicates thinner sedimentary thickness in the north and thicker sedimentary thickness in the south. In terms of hydrocarbon prospectivity, areas with high heat flow and geothermal gradients are usually avoided as high heat flow and geothermal gradient could lead to overmaturation of source rock and destruction of hydrocarbon already generated. Hydrocarbon prospective areas should be away from igneous intrusions, volcanic rocks and basement complex which are common from field studies in the northern part of the study area where heat flow and geothermal gradient values are high. The southern part of the study area has low CPD's, heat flows and geothermal gradients, making it more prospective than the northern part.

6. Conclusion

Spectral analysis was used in thermal studies of parts of the southern Benue Trough and the Anambra Basin by first determining the CPD. CPD increases towards the south and ranges from 22.40 to 32.40km, with an average of 28.39km. This trend of increase indicates thinner sedimentary pile in the north and thicker sedimentary pile in the south. Heat flow ranges from 44.75 to 64.73mW/m², with an average of 51.99mW/m², while geothermal gradient ranges

from range from 17.90 to 25.89°C/km, with an average of 20.80°C/km. Both heat flow and geothermal gradient increases towards the north which is an inverse of the CPD. This shows that areas with thinner sediments have shallow CPD's, increased heat flows and geothermal gradients, while areas with thicker sediments have deeper CPD's, lower heat flows and geothermal gradients. These areas with increased heat flow and geothermal gradient are characterized by anomalous high temperature. Low CPD in the north with high heat flow and geothermal gradient indicates thin sedimentary thickness and high heat which is not adequate for hydrocarbon generation and accumulation. This study suggests that the southern parts of the study area is more favourable for hydrocarbon prospectivity due to its high CPD, low heat flow and geothermal gradient.

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Challenges in Brown Field Deepwater Geohazards Assessment

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Shell Nigeria Exploration Company (SNEPCo)

Abstract

Geohazards assessment is a critical process of safety requirement to support the drilling of subsurface wells. In deepwater drilling operations, where riserless drilling technique is adopted, shallow geohazards must be accounted for prior to the drilling of wells or installation of subsea infrastructure with mitigation steps to manage any identified subsurface troubles, put in place. This is important, as it has a potential impact on people, assets, the environment, and company reputation. The Agnob field is a deepwater brown field with over 70 wells successfully drilled to date. It is supported by a suite of high-resolution (HI-RES) 3D seismic dataset, 2D site surveys, petrophysical datasets, and drilling experiences gleaned from existing wells for geohazards evaluation. These sets of datasets are incorporated into a robust geohazards workflow with tight amplitude cut-off criteria defined gas, faults, hydrates, pockmarks for the seafloor, near surface and subsurface that underpins the planning and drilling of new wells, installation of mooring buoy and planning of non-conventional relief wells in the Agnob field. Being a Brownfield there are challenges to overcome prior to selecting a good surface location (SHL) for the well, such as optimizing facilities location or moving of a well trajectory to avoid potential geohazards due to its impact on existing infrastructure, availability of manifold slots, or sand connectivity issues between producer-injector well pairs. This paper will highlight example of such cases, the mitigation steps proposed and how they were implemented. First, we will share a case where we influenced the relocation of a planned surface buoy position due to identified near-surface geohazards. Then secondly, we will share another case, this time of a well location, where it was not possible to change slot, we had to drill from the available slot and put in-place mitigation steps to manage identified geohazards successfully.

Introduction

Prior to now, Agnob supply vessels typically remained in a loiter mode, while waiting to offload their supplies into the FPSO and other vessels. Based on the need to reduce OPEX cost from fuel consumption and reduce GHG emission, an opportunity was identified to install a mooring buoy for Agnob supply vessels to berth pending the offload. The task was then to assess three proposed surface hole locations (SHL) for subsurface geohazards that could impact the drilling / installation of the anchors of the buoy on the seabed. The major challenges were the proximity of these locations to subsea infrastructure (FPSO and SPM), avoidance of marine/ shipping routes and infrastructure, subsurface data gap around the proposed SHL and limited flexibility to optimally situate the SHL based on the outcome of the geohazards assessment.

In another scenario, faced with identified bypassed oil in some of the Agnob reservoirs, and the need to keep the Agnos FPSO full, an infill opportunity was identified to drill a producer well that will target the production of un-swept oil in one of the Agnob stacked reservoirs. The Agnob 71 well was proposed for geohazards assessment in other to identify the geohazards that maybe encountered while drilling the well. The major challenges were achieving reasonable sand connectivity between producer injector (P/I) well pair, limited flexibility to situate in any proposed optimized location due to limited/unavailability of manifold slots and a possible collision risk with existing well.

A preliminary assessment of the proposed well location showed possibility of encountering geohazards and recommendation to move the planned location. However, as there were issues around availability of manifold slot and ensuring the P/I sand connectivity is achieved from the position of the well, drill-ability issues, and avoiding collision with existing well, it was agreed to drill the well from the planned SHL. Mitigation plans were then out in place to manage risks if encountered.

Methodology

The overall workflow adopted in analyzing the SHL at the seafloor, near surface and subsurface included the establishing of shallow gas amplitude range for the shallow depth intervals, defining buffers for shallow gas amplitudes, faults, and pockmarks, and generating a geohazards avoidance map. In addition, buffers that honor any standoff distances for existing subsea infrastructures were defined and incorporated. Next, was an assessment of the features on the seafloor and carrying out an offset well analysis.

The datasets that were used for the analysis were Hi-Res 3D seismic, conventional 3D seismic, 3 vintages of multi beam echo sounder (MBES) for bathymetry (acquired using Autonomous Underwater Vehicle – AUV and slope information, 2D Hires seismic and near surface sub-bottom profile (SBP). Petrophysical GR and Res logs and geotechnical datasets (CPT, core, and PVT).

The geohazards cut off criteria adopted were buffers of 75 m for gas and faults and 610 m for pockmarks. Agnob's mooring buoy geohazards assessment centered primarily on the seafloor and near surface depth interval. As the anchor is expected to penetrate the shallow depth of ca. 50 ft DBML, the soil type and strength within the near surface was analyzed utilizing the datasets around the planned location, to know the impact while installing the anchor. The analysis incorporated additional 500 m and 2000 m buffers for the avoidance of subsea infrastructure (FPSO and SPM) and the marine /shipping routes and infrastructure respectively.

The Agnob 71 well geohazard analysis included the entire well trajectory up to the first hydrocarbon depth interval, all the available suite of 2D and 3D seismic datasets mentioned above and offset wells data at the manifold location were used as input into the review of the seafloor, near surface and subsurface depth intervals along the planned well trajectory.

The mitigation plans put in place in case of encountering gas flow were the application of a higher density weighted 'kill' mud, deployment of established real time geohazards monitoring 'bubble watch' protocols, and a secondary plan to provide a pre-drill relief well SHL away from the manifold location that is clear of geohazards. The relief well geohazards analysis incorporated additional cut off criteria of ca. 750 m away from the planned Agnob 71 well location while positioning the well within an optimum quadrant for Agnob metocean upwind and up current directions.

Discussion of Results

Agnob mooring supply vessel.

The results indicated that the three proposed SHLs carried geohazards risks. Geohazard features like gas chimneys, pockmarks and faults extending to seafloor were identified (Figures 1- 4). A new optimized SHL was then proposed based on the geohazards assessment. This proposed optimized location was adopted by the Project team.

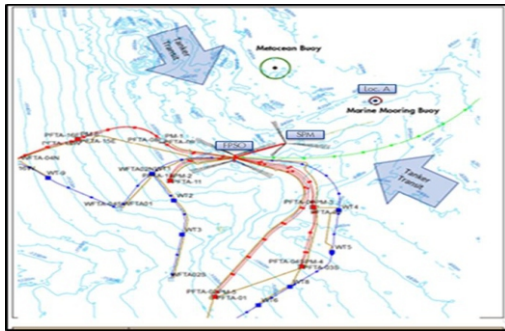


Figure 1: Agnob map showing subsea and marine infrastructure (tankers) and Marine vessel routes.

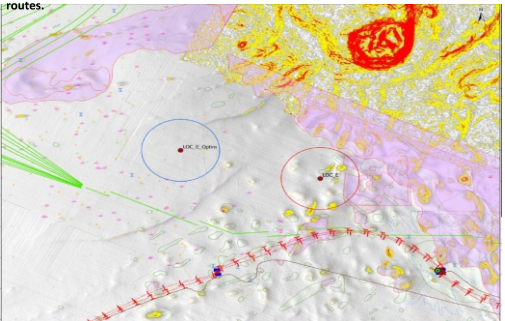


Figure 4: Geohazards Avoidance map showing planned location E positioned in proximity to pockmarks, gas chimney and debris (red circle 500 m radius). Location E optimized (blue circle 500 m radius) to an area clear of geohazards.

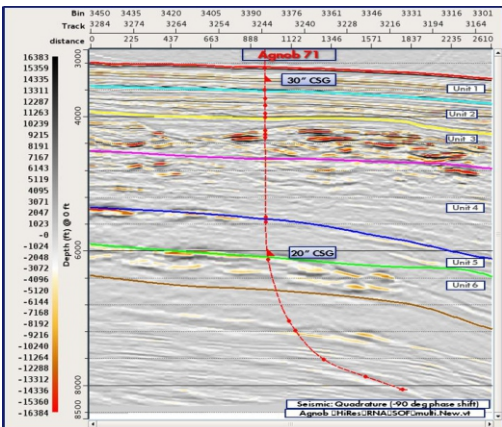


Figure 7: Seismic section along Agnob 71 well penetrating showing gas amplitudes and mass transport deposits (MTD) within deeper depth intervals (Units 3, 4 and 5) in the Agnob channel complex.

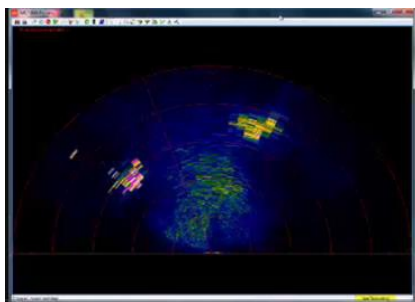


Figure 8: Real-time images showing gas flow at wellhead (LHS), High intensity SONAR reading confirming gas flow from deeper depth interval (RHS) and Real-time image showing low flow at wellhead while drilling Agnob 71 well. The flow diminished after circa 5 hours of flow (Bottom).

Conclusions/Business Impact

The availability of several vintages of datasets and drilling experiences from offset wells contributed to a high-fidelity robust predrill geohazards assessments of the cases shared. In both cases we achieved success with significant business impact.

The mooring buoy was successfully installed at the optimized SHL without any geohazards issues and currently in operation with huge savings realized from OPEX and reduction of carbon emission.

The Agnob 71 well was successfully drilled as

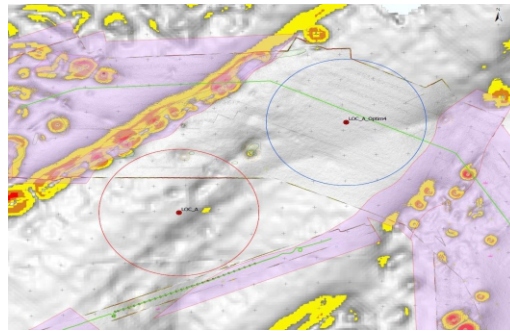


Figure 2: Geohazards Avoidance polygon map showing planned location A positioned in proximity to pockmarks and gas chimney (red circle 500 m radius). Location A optimized (blue circle 500 m radius) to an area clear of geohazards.

The Agnob71 well.

The predrill geohazards results indicated a seabed slope of 3.2 degree at the point of penetration of the planned well. The presence of hydrates and relic pockmarks were noted on the seafloor and the near surface. Similarly, a probability of encountering shallow gas and shallow water flow (SWF) at deeper depth of ca. 2500 ft DBML was indicated. The geohazards avoidance map (figure 5) which summarizes all the observed geohazards within the 75 m radius also highlights existing wells in proximity to the planned well that pose collision risks (figures 6) and a seismic section taken along the well trajectory (figure 7) confirmed the presence of geohazards in the planned well.

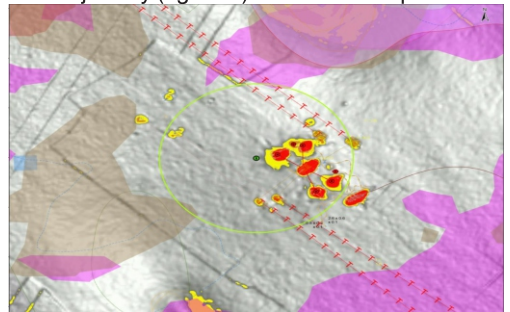


Figure 5: Geohazards Avoidance map showing planned location Agnob 71 well (green dot) in proximity to existing well on the manifold (red dots) within 75 m radius (green circle), with a possible collision risk. There is no shallow gas amplitude within the 75 m radius.

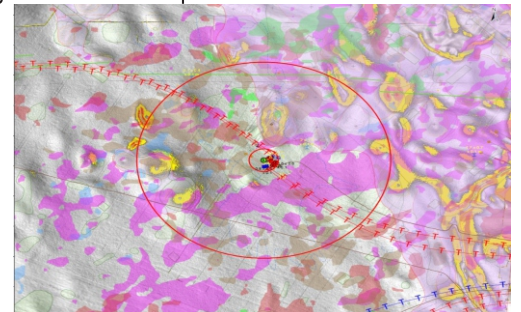


Figure 6: Geohazards Avoidance map showing planned location Agnob 71 well (green dot) positioned in proximity to pockmarks and gas amplitudes from deeper depth interval (red circle 600 m radius).

The Agnob71 well was drilled with the deployment of the real time geohazards monitoring of the well head via a ROV and sound navigation and ranging (SONAR). The prognosed gas flow was encountered as was evidenced by bubbles seen at the well head and high intensity reading of the SONAR. The first management strategy to switch the drilling fluid to weighted 'kill' mud was successfully executed. The gas flow lasted for circa five hours after which it dissipated. A flow check was done that confirmed a stable well head implying that the gas flow had stopped (figure 8). The success in managing the gas flow meant that the second contingent plan to intervene via the relief well location was no longer necessary.

the first line mitigation step was effective in managing the encountered prognosed gas flow. The overall cost of drilling the well would have been reduced if the well was drilled from an optimized well location as there may not be a need for heavier mud weight in the base case planning. In addition, the risks to human lives and reputation associated to uncontrollable gas flow or a blowout was eliminated.

Agnob71 well is currently in production and contributing to ultimate recovery (UR) oil.

In conclusion, although both scenarios discussed (Mooring buoy and Agnob71 well)

achieved successes, the challenges of utilizing an optimized geohazard cleared SHL remains a concern in the Agnob field. This is why Geohazards Assessment prior to any drilling wells or emplacement of infrastructures on the field is highly recommended.

Acknowledgements

The authors acknowledge the contributions of reviewers/assurers who brought clarity to the work and paper. Special thanks to Shell Nigeria Exploration Company (SNEPCo) and Co-Venture (CoV) partners for the permission to present and publish this paper.



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North America

CHAPTER REPORT

ABUJA

1.0 NAPE ABUJA CHAPTER EXECUTIVES

NAMES	POSITION	AFFILIATION
Dr. (Mrs) Eunice Ajayi	Abuja Chapter Coordinator	BIO-METRICS GEO Consult Limited
Ayebawanaimi Ogunu	Deputy Chapter Coordinator	NAOC
Tubosun Owolabi	Publicity Secretary /YP	Juvicle Limited
Ayokunle Oresanya	Secretary	Green Energy International Ltd
Dr. Mariam Yahaya-Shiru	Financial Secretary	NOSDRA



Dr. Eunice Ajayi
Chapter Coordinator



Emmanuel Ogunu
Deputy Chapter Coordinator



Oresanya Ayokunle Adebayo
Secretary



Dr. Mariam Yahaya Shiru
Financial Secretary

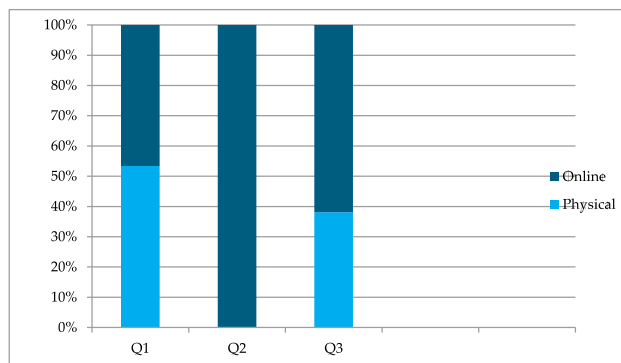


Tunbosun Owolabi
Publicity Secretary

2.0 NAPE ABUJA CHAPTER 2023 TECHNICAL/BUSINESS MEETINGS

Quarter	Date	Topic	Speaker/ Designation	Sponsor	Chairperson
1 st Quarter	12 th March, 2025	The Future of Seismic Exploration: Emerging Trends, Technologies, and Applications (Hybrid Meeting)	Peter Wijnen, Vice President, Business Development – Africa, Mediterranean and Middle East	TGS	Mr. Muktar Zanna
2 nd Quarter	13 th May, 2025	Recent Advancements in Petroleum Exploration and Production (Virtual Meeting)	Rocky Roden, CEO & Geophysicist Rocky Ridge Resources, Texas	NAPE Abuja Chapter	Mr. Akinola Idowu (CEO) Stellar GeoConsult Limited
Other Activities	11 th June, 2025	UAP Mentoring/Training on Basin to Play Analysis	Ehi Bazuaye, Assistant Manager, Geology OandoEnergy Resources Nig LTD	Juvicle Limited	
3 rd Quarter	30 th July, 2025	Insights into the Architecture and Petroleum System Elements of Upper Cretaceous Deposits in the Nigeria Intracratonic Basin (Hybrid Meeting)	Dr Mutari Lawal, Faculty Advisor and ICT Officer, Department of Geology and Germology, University of Abuja	Emmanuel Mac-Jaja, Director PAAS NUPRC	Mr. Hussein Mohammed Aliyu (Manager Basinal Analysis) NNPC Energy Service

2.1 NAPE ABUJA CHAPTER TECHNICAL/BUSINESS (HYBRID) MEETINGS ATTENDANCE

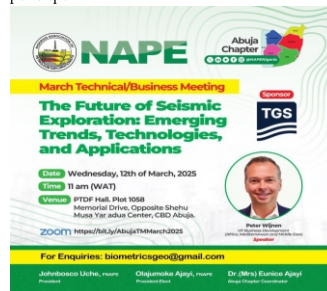


Q1: Physical- 119
Online- 104
Q2: Online Attendance – Over 200 Students
Q3: Physical- 40
Online- 65

2.2 Pictures From Q1 Nape Abuja Chapter Technical/Business (Hybrid) Meeting

Abuja Chapter's Q1 Technical (hybrid) Meeting was held on the 12th of March 2025 where a presentation on “The Future of Seismic Exploration: Emerging Trends, Technologies, and Applications” was made by Peter Wijnen, Vice President, Business Development – Africa, Mediterranean and Middle East, TGS.

The Q1 2025 Technical/Business Meeting recorded an attendance of 119 physical participants and 104 online participants.



FLYER OF THE Q1 TECHNICAL/BUSINESS MEETING WITH FACILITATOR MR PETER WIJNEN



PHOTO OF FACILITATOR WITH NAPE EXECUTIVES FOR THE Q1 TECHNICAL/BUSINESS MEETING

2.3 PICTURES FROM Q2 NAPE ABUJA CHAPTER TECHNICAL/BUSINESS (VIRTUAL) MEETING

Q1 2025 Abuja Chapter Technical/Business Meeting

The 2nd technical meeting took place on the 13th of May Topic :Recent advancements in petroleum exploration and production,. It was a Virtual meeting



FLYER OF Q2 TECHNICAL/BUSINESS MEETING WHICH WAS HELD VIRTUALLY VIA ZOOM MEETING



PHOTOS OF MR EHI BAZUAYE IN SESSION AT THE UAP BASIN TO PLAY ANALYSIS

3.0 COURTESY VISIT TO NNPC RTI

2.4 ABUJA CHAPTER YOUNG PROFESSIONALS (UAP/YP) TRAINING SESSION

UAP Mentoring/Training on Basin to Play Analysis by, Ehi Bazuaye, Assistant Manager, Geology OandoEnergy Resources Nig LTD. The training course was aimed at enhancing the skills and competencies of young professionals in the Geoscience and Petroleum Engineering sectors. We started with the University students from the following institutions -

- University of Abuja (UNIABUJA)
- Ibrahim Badamasi Babangida University, Lapai (IBBUL)
- Federal University of Technology, Minna (FUTMINNA)
- Federal University of Lafia (FULAFIA)
- Nasarawa State University, Keffi (NSUK) 'To take place on the 11th of June 2025.



PHOTOS OF MR EHI BAZUAYE IN SESSION AT THE UAP BASIN TO PLAY ANALYSIS

3.5 NAPE Abuja Chapter Visit to IBBU LAPAI

The Geology and Mining Department of IBBU Lapai, invited Abuja chapter invited and sought for support for their NMGS/NAPE Student Earth week program. It lasted for four days from Monday 16th June – Thursday 19th June.

The theme of the program “Adapting to a changing planet: Geologist role in climate resilience”, NAPE was there physically and A Paper presentation titled “Hydrocarbon and a Changing Climate” was delivered by our Chapter on the 2nd day. coupled with a cash donation of N100,000 .

CHAPTER REPORT

AWKA/OWERRI

A. NAPE Awka/Owerri Chapter Thanksgiving Outing Services @ St Joseph the Worker Catholic Church, Awka and Get-Together held on 5th January, 2025 @ De Lotus Garden, Awka.



From the right: Mr. George Chizoba Okeke (VP-Coodinator); Dr. Ifeanyi Augustine Chinwuko (AOC Coordinator); Prof. Norbert E. Ajaegwu (NAPE Member); Prof. A.W. Mode, FNAPE, FNMGS; Mr. Johnbosco Uche, FNAPE (NAPE President); Officiating Priest; Prof. Leonard Onuba (@ the back of NAPE President; AOC Technical Programme Officer/Editor in Chief); Dr. Chidzie Izuchukwu Princeton Dim (Immediate past AOC Coordinator); Dr. Adaobi Isabella Okeke (Immediate Past Deputy Coordinator); Dr. Chioma Maduawesi (Deputy Coordinator); and other NAPE Members.



Photography taken during the NAPE AOC Get-Together held on 5th January, 2025 @ De Lotus Garden, Awka. Some dignitaries include: Mr. Johnbosco Uche, FNAPE (NAPE President); Mr. Emeka Ezekwelu (NAPE Treasurer); Dr. Ifeanyi Augustine Chinwuko (AOC Coordinator); Prof. Sabinus Ibemene (AOC Secretary); Mr. George Chizoba Okeke (VP-Coodinator); Prof. Norbert E. Ajaegwu (NAPE Member); Prof. A.W. Mode, FNAPE, FNMGS; Prof. Leonard Onuba (AOC Technical Programme Officer); Dr. Chidzie Izuchukwu Princeton Dim (Immediate past AOC Coordinator); Dr. Adaobi Isabella Okeke (Immediate Past Deputy Coordinator); Dr. Chioma Maduawesi (Deputy Coordinator); Dr. Austin Okonkwo (AOC Financial Secretary); Dr. Rita Orjiaku (Ass. Secretary); Prof. Izuchukwu Obiadi (NAPE Member); and other NAPE Members.

B. Election of the New Executive Committee Members of Awka/Owerri Chapter at **De Lotus Garden, Awka** Chaired by the NAPE President Mr. Johnbosco Uche, NAPE and Mr Emeka Ezekwelu (NAPE Treasurer) on Sunday, 5th of January, 2025 with overs 30 members in attendance. This was a Physical Event Sponsored by NAPE Awka/Owerri Chapter. The newly elected Executive Committee Members along with the Advisory Council Nominee are as follows;



2025 Awka/Owerri Chapter Elected Executive Committee Members including the Advisory Council Nominee

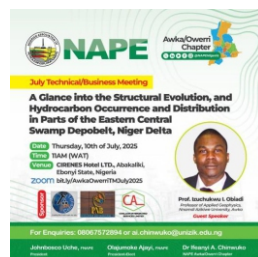
C. NAPE AWKA/OWERRI CHAPTER TECHNICAL/BUSINESS MEETING

Summary of NAPE Awka/Owerri Technical Meetings for the year 2024						
S/N	Date	Sponsor	Atten dence	Mode of T/M	Topic	Chairman
1	06/03/ 2025	NAPE AOC Executives	Over 150	Virtual	Tackling Seismic Illumination Challenges in the Niger Delta Using Advanced Processing Workflows	Dr. Anthony E. Ofoma, FNAPE, FNMGS (Country Manager, LMK-Halliburton Nigeria).
2	15/05/ 2025	NAPE AOC Executives	Over 180	Virtual	Unlocking Sweetspots using Reservoir Geophysics Techniques: A Strategy for Well Placement Optimization	Dr. Obinna Chudi QI Geophysics Specialist, Renaissance Africa Energy Company
3	10/07/ 2025	NAPE AOC Executives	Over 220	Hybrid	A glance into the Structural evolution, and hydrocarbon occurrence and distribution in parts of the Eastern Central Swamp Depobelt, Niger Delta.	Prof. Norbert Ejike Ajaegwu Petroleum Geology and Biostratigraphy, UNIZIK Awka

1. **NAPE Awka/Owerri Chapter March Technical/Business Meeting:** The Awka/Owerri Chapter organized her first technical/business meeting for the year on Thursday, 6th March, 2025. The Guest Speaker was **Ebele Oraghalum, Chief Geophysicist / Managing Partner Merci-Eclat Geophysicals (MEG)**, presented a technical paper titled: Tackling Seismic Illumination Challenges in the Niger Delta Using Advanced Processing Workflows. **Dr. Anthony E. Ofoma, FNAPE, FNMGS (Country Manager, LMK-Halliburton Nigeria)**, chaired the meeting. This was a virtual event sponsored by NAPE Awka/Owerri Chapter. Over 150 persons registered to join the event from the industry, academia, ministries, agencies and parastatals participated in the meeting.

2. **NAPE Awka/Owerri Chapter April Technical/Business Meeting:** The Awka/Owerri Chapter held her second technical/business meeting on Thursday, 15th of May, 2025. The Guest Speaker was **Dr. Obinna Chudi, QI Geophysics Specialist, Renaissance Africa Energy Company**, presented a technical paper on the topic: **Unlocking Sweetspots using Reservoir Geophysics Techniques: A Strategy for Well Placement Optimization** Prof. Norbert Ejike Ajaegwu (Petroleum Geology and Biostratigraphy, UNIZIK Awka), chaired the meeting. This was a virtual meeting, sponsored by NAPE Awka/Owerri Chapter. Over 185 persons registered to join the event with over 160 participants from the industry, academia, ministries, agencies and parastatals participated in the meeting.

3. **NAPE Awka/Owerri Chapter June Technical/Business Meeting:** The third technical/business meeting of the Awka/Owerri Chapter held on Thursday, 10th of July, 2025. The Guest Speaker was **Prof Izuchukwu Ignatius Obiadi, Professor of Applied Geophysics, UNIZIK Awka**, who presented a technical paper on the topic: **A glance into the Structural evolution, and hydrocarbon occurrence and distribution in parts of the Eastern Central Swamp Depobelt, Niger Delta..** Prof. Amobi C. Ekwe (Professor of Applied Geophysics, AE-FUNAI & DAP-FUNAI), chaired the meeting. This was a hybrid meeting, sponsored by NAPE Awka/Owerri Chapter. The TM witnessed over 180 participants (physically) and over 40 participants (virtually) from the industry, academia, ministries, agencies and parastatals participated in the meeting. The TBM witnessed a great sponsorship from Prof Berti Ozumba, FNAPE; JSN Consult Ltd.,



Cross-section of Participants during 2025 NAPE AOC July TBM held at Abakaliki, Ebonyi State

SUMMARY OF SOME OF NAPE AWKA/OWERRI CHAPTER (AOC) ACHIEVEMENTS IN 2025

- 1) NAPE Awka/Owerri Chapter held their Successful End-of-Tenure Thanksgiving Outing Services @ St Joseph the Worker Catholic Church, Awka on 5th January, 2025 @ De Lotus Garden, Awka.
- 2) New Executive Committee Members of NAPE Awka/Owerri Chapter were elected on 5th January, 2025 @ De Lotus Garden, Awka in the presence of the NAPE President and NAPE Treasurer.
- 3) NAPE Awka/Owerri Chapter Successfully held three (3) different Technical/Business Meeting remaining one (1) TBM.
- 4) Successfully held two Students Chapter Week at University of Nigeria, Nsukka (UNN) and Nnamdi Azikiwe University, Awka (NAU).
- 5) University of Nigeria Nsukka progresses to the Global Finals of 2025 AAPG-IBA Competition after emerging the winner in the Africa and Europe Regions on 27th March, 2025.
- 6) Active membership growth of over 25% when compared to 2023 due to increased chapter activities and students membership growth of over 10% less than 30% obtained in 2023, which had an inauguration of a new chapter.
- 7) Engagements with relevant stakeholders and Government agencies on partnering with and sponsoring the activities of NAPE

2025 REMAINING WATCHOUT

- Having one Technical Business Meeting in August 2025
- Membership drive and Technical meeting/business sponsorship drive
- Collaborating with various state governments to organize a symposium/workshop on Harnessing Mineral resources within the southern eastern part of Nigeria.
- Reaching out to experts on various interest fields to serve as guest speakers during the Chapters Technical/Business meeting

Dr. Augustine I. Chinwuko
Coordinator

Dr. Sabinus Ibemene
General Secretary

CHAPTER REPORT

UYO/CALABAR

1. Introduction

The Uyo-Calabar Chapter of the Nigerian Association of Petroleum Explorationists (NAPE) remains committed to advancing geoscience education, professional development, and industry engagement within our region. This report highlights the key activities carried out during the second quarter of 2025, emphasizing our dual focus on youth outreach and technical knowledge sharing.

2. Young Geoscientists Outreach Programme

As part of our “Catch Them Young” initiative, the chapter hosted an outreach program for New Species International School, with the aim of introducing secondary school students to the exciting world of geosciences. The program held within the Geoscience Department of Akwa Ibom State University, Ikot Akpaden.

Highlights:

Over 40 students from the school participated in the event.

The pupils toured the Geology Museum, Geochemistry Laboratory, and the Geoscience Workstation at the host university.

The interactive sessions exposed the students to rock and fossil specimens, laboratory techniques, and real-time geoscientific data interpretation tools.

Feedback from both students and teachers was overwhelmingly positive. Many students expressed genuine interest in pursuing careers in geoscience, with some noting the visit as a “life-changing experience.”

Participants:

NAPE Uyo-Calabar Chapter Executives and Members

Academic staff from the Department of Geology

Science teachers and coordinators from New Species International School

This initiative continues to foster early interest in geoscience disciplines and builds a future talent pipeline for the industry.

3. Technical Session: Formation Evaluation

A virtual technical session themed “Evaluation of Low Resistivity Pay Zones, a Detailed Technique to Investigate thin layered Pay Zones” was held in June 2025.

Speaker:

Prof. Abdulaziz Abdulaziz, Professor of Exploration and Formation Evaluation, Department of Petroleum Engineering, University of Cairo, Egypt.

Highlights:

The session attracted over 100 participants who joined virtually, including professionals, academics, and students.

Prof. Abdulaziz delivered a comprehensive lecture on modern methods in formation evaluation, covering petrophysical analysis, log interpretation, and emerging AI applications in reservoir characterization.

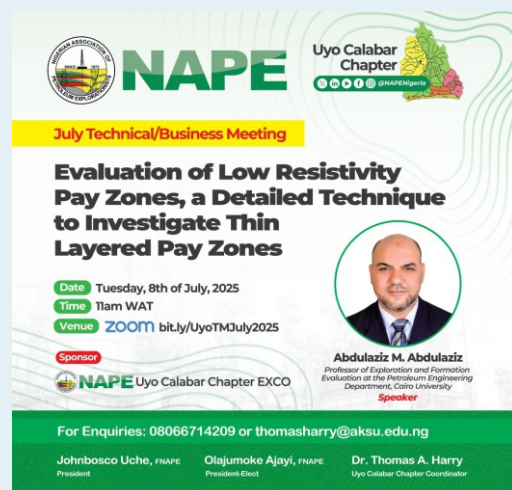
An engaging Q&A session followed,

highlighting the interest and depth of discussion among participants.

This session reinforced the chapter's commitment to ongoing professional development and staying abreast of global trends in petroleum exploration.

4. Conclusion

The second quarter of 2025 was impactful for the NAPE Uyo-Calabar Chapter. Through targeted outreach and robust technical engagement, we have advanced our mission to promote geosciences among the youth and deepen professional knowledge within the community.



NAPE Uyo-Calabar Chapter

July Technical/Business Meeting

Evaluation of Low Resistivity Pay Zones, a Detailed Technique to Investigate Thin Layered Pay Zones

Date: Tuesday, 8th of July, 2025
Time: 11am WAT
Venue: ZOOM bit.ly/UyoTMJuly2025

Sponsor: NAPE Uyo-Calabar Chapter EXCO

Speaker: Abdulaziz M. Abdulaziz, Professor of Exploration and Formation Evaluation at the Petroleum Engineering Department, Cairo University

For Enquiries: 08066714209 or thomasharry@aksu.edu.ng

Johnbosco Uche, FNAPE, President
OlaJumoke Ajayi, FNAPE, President-Elect
Dr. Thomas A. Harry, Uyo-Calabar Chapter Coordinator



CHAPTER REPORT

PORT HARCOURT

Current Executive Committee



Dr. Magnus Kanu - PHCC



Momodu Ogwogho - APHCC



Anaele Callistus - Gen. Sec



Nwafor Augustina - Asst. GS



Obobi Onwuka - Publicity Sec



Daniuma Damina - YP Rep

Geoscience and Policy Advocacy Through Monthly Technical and Business Meetings Since its inception, the NAPE Port Harcourt Chapter has remained committed to advancing geoscience knowledge and influencing energy policy through its Monthly Technical and Business Meetings (TBMs). These sessions serve as a platform for thought leadership, technical innovation, and strategic dialogue among professionals, academics, and industry stakeholders. Over the years, the Chapter has hosted a wide range of high-impact presentations delivered by seasoned experts from both local and international institutions. These presentations have addressed critical topics in petroleum exploration, reservoir management, seismic technology, and energy transition.

Notable examples include:

1. Reservoir 4D Geophysics for Seismic Fluid Detection, Delineation and Monitoring by Prof. Amos Nur – Stanford University
2. Formation Evaluation in the Energy Transition Journey by Mr. Stanley Oifoghe – TotalEnergies
3. Use of Time-Lapse Pulsed Neutron Technology in Identifying By-Passed Pay Intervals: A Case Study of a Mature Field in the Onshore Niger Delta by Mr. Paul Obikudo & Mr. O. Vincente

4. Using High-Fidelity OBN Seismic Data to Unlock Conventional Near-Field Exploration Prospectivity in Nigeria's Shallow Water Offshore Depobelt by Mr. Obobi Onwuka
5. Integration of Gas Chromatography Carbon Count Ratio in Exploration and Infill Drilling Results by Dr. David Anomneze
6. Unlocking Exploration and Development Opportunities in Deepwater Nigeria Using Regional Geology and High-End Geophysical Tools by Dr. Adeola Adesida
7. Time-Lapse (4D) Seismic Application in a Deepwater Turbidite Field Development: The Akpo Field Development Journey by Mr. Chukwuka Chizea
8. Heron Field Dry Hole Analysis (DHA) and Its Impact on Future Exploration Success in Parts of Deepwater Nigeria by Dr. Jude Ekwealor
9. Revitalizing Old Seismic Land Surveys Using CRS Technology by Mr. Azuka Stanley
10. ...and many more.

These sessions not only enhance technical competence but also contribute to shaping the future of Nigeria's energy landscape through informed discourse and shared expertise.



Universities under the Chapter:

1. University of Port Harcourt Chapter (UNIPORT)
2. Niger Delta University Chapter (NDU)
3. Rivers State University (RSU)

CHAPTER REPORT

BENIN

Introduction

The month of June 2025 was marked by strategic engagements and impactful activities by the NAPE Benin Chapter, underscoring its commitment to advancing geoscience knowledge, fostering industry collaboration, and strengthening institutional partnerships. Through a well-attended technical/business meeting and a high-level courtesy visit to NNPC Enserv, the Chapter demonstrated proactive leadership in professional development and industry dialogue. This report outlines the key events and outcomes that defined the Chapter's activities in the month under review.

1. Technical/Business Meeting: Unlocking Value from Legacy Seismic Data

Date: Thursday, June 26, 2025

Format: Hybrid (Physical & Virtual)

Total Attendance: 414

- Physical (Viewing Centres): 184
- Online (Zoom): 230

The June Technical/Business Meeting hosted by the NAPE Benin Chapter was a major highlight of the month, with the theme: "Unlocking Value from Legacy Seismic Data: Reprocessing Techniques, Challenges, and Archival Best Practices."

This engaging session brought together a wide spectrum of stakeholders—industry professionals, academic researchers, student geoscientists, and senior UAP members—for a robust discussion on optimizing value from existing seismic data using modern techniques.

Keynote presentations were delivered by:

- Ebini Nelson (Lead Speaker)
- Tolulope Elekula
- Chuwang G. Dawuda
- The event was graced by the presence of:
- Mr. Johnbosco Uche, FNAPE – NAPE President (Online)
- Mrs. Olajumoke Ajayi, FNAPE – NAPE President-Elect (Online)
- Mr. Hussien Aliyu – Chairman of the Day

Special appreciation was extended to the NAPE Technical Team and Benin Chapter EXCO for ensuring the event's seamless coordination. The meeting was proudly sponsored by the NAPE Benin Chapter,

reflecting its continued leadership in professional engagement.

2. Courtesy Visit to NNPC Enserv Headquarters

Date: Wednesday, June 18, 2025

Location: NNPC Enserv Headquarters, Abuja

In pursuit of its mission to strengthen industry ties, the NAPE Benin Chapter delegation—led by the Coordinator, Deputy Coordinator, and EXCO members—paid a strategic courtesy visit to the Managing Director of NNPC Enserv.

Key Outcomes:

- **Renewed Institutional Support:** The MD reaffirmed commitment to supporting NAPE's programs and professional development agenda.
- **Settlement of Membership Dues:** The MD directed prompt settlement of all outstanding NAPE dues for Enserv staff.
- **Sponsorship of Technical Meetings:** NNPC Enserv pledged to sponsor at least three upcoming NAPE Benin Chapter technical meetings.
- **Fellowship Endorsements:** The Benin Chapter expressed readiness to support the MD and other senior executives for NAPE Fellowship nominations.
- **Enhanced Participation:** The MD encouraged full participation of Enserv staff in future NAPE activities.

Symbolic exchanges included a congratulatory card presented to the MD and a reciprocal gift to the Chapter. Roundtable engagements with the ED, Seismic Exploration Services further emphasized collaboration opportunities in geoscience advancement.

Conclusion

June 2025 was a milestone month for the NAPE Benin Chapter, marked by successful technical knowledge-sharing and impactful industry engagement. From unlocking seismic data value to cementing high-level partnerships, the Chapter continues to set a benchmark in professional excellence and proactive leadership.

June in Pictures



NAPE BENIN CHAPTER COORDINATOR WITH NNPC ENSERV TOP MANAGEMENT



MD NNPC ENSERV (MIDDLE) WITH THE NAPE BENIN CHAPTER COORDINATOR (LEFT) AND DEPUTY COORDINATOR (RIGHT)



PARTICIPANTS AT NAPE BENIN CHAPTER JUNE TECHNICAL MEETING



ROUNDTABLE DISCUSSION BETWEEN NAPE BENIN EXECUTIVES AND NNPC ENSERV TOP MANAGEMENT



NAPE BENIN CHAPTER EXECUTIVES WITH KEY MEMBERS OF NNPC ENSERV



STUDENTS AND YPS AT THE TECHNICAL MEETING



NAPE BENIN CHAPTER COORDINATOR REGISTERING HIS PRESENCE IN THE MEETING



NAPE BENIN CHAPTER ON A COURTESY VISIT TO NNPC ENSERV

CHAPTER REPORT

WARRI

Courtesy Visits

In April 2025, the NAPE Executive Team, led by Mr. John Bosco FNAPE, paid a courtesy visit to the Regional Coordinator, Mr. Ogunnubi.



Also the Second Quarter above, NAPE Warri Chapter held its third Technical/Business meeting on May 29, 2025. It was a hybrid event, combining physical and virtual elements. The presenter was Mr. Adedoyin Orekoya of ND Western Limited. The presentation was on Depositional Systems of the Niger Delta: Implications for Reservoir Characterisation and Hydrocarbon Distribution. The Technical /Business Meeting was sponsored by FUPRE et al and attended by over 40 participants, including professionals, Academia, Young Professionals, and students.



Figure 3: Plaque presentation to May TM Sponsors

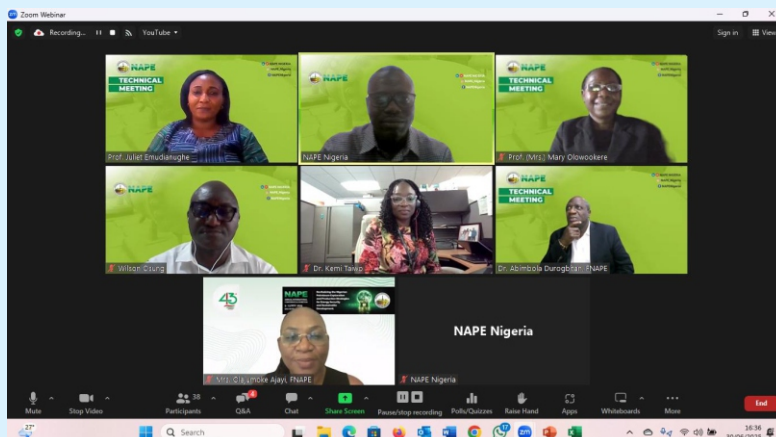


Figure 7: Cross Section of Virtual audience for June TM

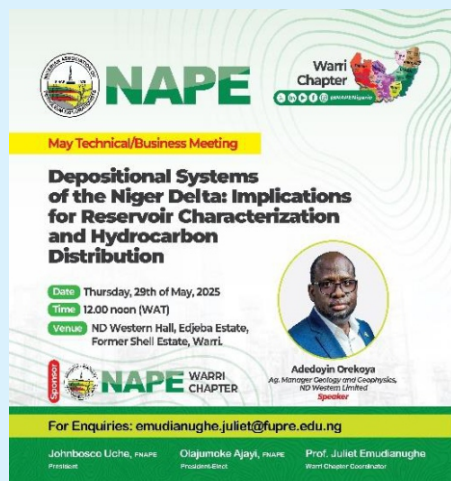


Figure 1: Flyer for February TM

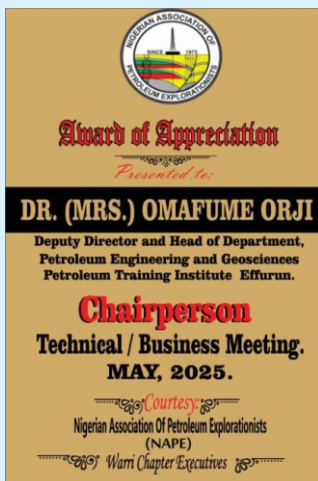


Figure 2: Plaque presentation to May TM Chairperson

CHAPTER REPORT

UK/EUROPE

MAY TO JULY 2025

The UK/Europe Chapter Chairman Dr. Christopher Oseloka Iwobi together with the NAPE President Johnbosco Uche attended the 86th Annual Conference European Association of Geoscientists and Engineers Annual (EAGE) held in Toulouse, France from the 2nd to the 5th of June 2025. The NAPE Stand at the conference received many visitors. The conference provided a very good opportunity to showcase NAPE activities in Nigeria and abroad and to interact with other professional associations from around the world. NAPE President made a brief presentation on NAPE and her activities during the Associated Societies Networking Meeting that took place on the first day of the conference. The NAPE President gave a talk on *“Growth opportunities in the Niger Delta: Bridging the legacy assets with low-carbon frontiers”* at the International Prospecting Centre and also participated in the panel discussion on *“How ultra-deepwater is revitalising oil and gas exploration”*.



Meeting with Iris Vuković of the European Federation of Geologists (EFG) at the NAPE stand during the 8th EAGE Conference.



Panelists at the discussion on *“How ultra-deepwater is revitalising oil and gas exploration”*.



Members of NAPE from Nigeria and UK at the NAPE Stand.



CHAPTER REPORT

NORTH AMERICA

Connecting Excellence Beyond Borders

The Nigerian Association of Petroleum Explorationists (NAPE) North America Chapter was inaugurated on March 3, 2024, with a vision to extend NAPE's legacy of excellence to the diaspora. Since its establishment, the chapter has continued to uphold the association's mission by creating a dynamic platform for knowledge sharing, networking, mentorship, and professional development among Nigerian geoscientists, engineers, and energy professionals across North America (Canada, United States of America and Mexico).

Our Purpose and Vision

Founded to connect and support NAPE members in North America, the chapter has organized impactful technical sessions, young professional workshops, social events, and community service programs aimed at fostering:

- Continuous learning and technical excellence
- Leadership development and mentorship
- Career support for young professionals and students
- Community building and social impact initiatives

Our Leadership Team

The chapter's success is driven by a dedicated and diverse leadership team:

- **Chapter Coordinator:** Demola Lanisa (TotalEnergies, Houston TX)
- **Assistant Chapter Coordinator:** Victor Ogunmola (ExxonMobil, Houston TX)
- **Secretary:** Ogochukwu Ozotta (SLB, Houston TX)
- **Publicity Secretary:** Cynthia Ike (Calgary, AB)
- **Young Professionals Coordinator:** John Akudike (ExxonMobil, Spring TX)
- **Membership Coordinator:** Grace Taiwo, PhD (Department of Environmental Quality, Bismarck ND)
- **NAPE Advisory Council Representative:** Femi Esan (RoxOil Energy, Midlands TX)

Together, this team is committed to building a vibrant chapter that uplifts members professionally, strengthens NAPE's global footprint, and advances the energy industry through innovation, collaboration, and service.

2024 – 2025 Key Activities and Impact

1. Technical Meetings
 - **March 22, 2024**
Title: Latent Opportunities in Nigeria's Rapidly Evolving Energy Landscape
Speaker: Dr. Nosa Omorodion (Executive Director, SLB)
Highlight: Explored four key pillars for navigating Nigeria's energy sector – Exploration & Production, Environment &

Politics, Economics & Policy, and Portfolio Enhancement. Emphasis was placed on digital transformation and sustainability for future competitiveness.

- **June 28, 2024**
Title: Leveraging Digital Transformation Solutions to Unlock New Possibilities in the Energy Industry
Speaker: Gbubemi Bafor (Division Manager, Digital & Integration, SLB)
Highlight: Discussed IoT, AI, and cloud solutions as drivers for operational efficiency, cost optimization, and emissions management in oil and gas.
- **October 4, 2024**
Title: Niger Delta Basin Fill Evolution, Concepts, and Giant Fields
Speaker: Oluseye Ekun (Manager, Field Development & Production Engineering, Chevron Nigeria Ltd.)
Highlight: Provided an in-depth analysis of the Niger Delta's geological evolution, basin modeling techniques, and strategies for optimizing production from giant fields.
- **February 26, 2025**
Title: Unlocking Natural Hydrogen's Potential: A Game-Changer for the Energy Industry?
Speakers: Dr. Rita Okoroafor (Texas A&M University) & Victor Awosiji (Stanford University)
Highlight: Focused on natural hydrogen as a clean energy alternative, with geological modeling approaches and global case studies shared to guide exploration potential in West Africa and beyond.
- **May 28, 2025**
Title: Extending the Frontiers of Deepwater Exploration
Speaker: Prof. Paul Mann (University of Houston)
Highlight: Explored deepwater exploration successes in Guyana, Suriname, and Namibia, and implications for West Africa's untapped potential.

2. Young Professionals (YP) Initiatives

- **July 2024 Workshop**
Theme: Resume Building, Interview Skills, and Conference Preparation
Speakers: Isioma Anazodo (KPMG US), Dr. Bunmi Elebiju (BP), and Ayodeji Israel Aina (Shell)
Highlight: Provided practical skills for career development, including crafting impactful resumes, strategic interview preparation, and effective networking.
- **June 21, 2025 YP Panel Discussion**
Theme: Building Impactful Careers: Diverse Paths, Shared Lessons
Panelists: Dr. Tobi Ore (NABG), Dr. Ogochukwu Ozotta (Data Engineer), and David Nworie (PhD Candidate, CSM)
Highlight: Discussed resilience, career

transitions, networking, and leadership skills for young professionals to thrive in dynamic industries.

3. Members Networking & Social Events

- **May 18, 2025**
Event: Geoplay – The Exploration Game Night
Venue: Dave & Buster's, Houston
Highlight: An informal evening of bowling, games, and networking attended by ~13 professionals, fostering camaraderie and deeper chapter engagement.

4. Community Service – Giving Back with Purpose

- **September 28, 2024 – Houston Food Bank Volunteer Day**
 NAPE North America members dedicated an afternoon to **food sorting and repackaging**, supporting thousands of families in need across Houston. The event reminded us that our professional success is amplified when we give back to society.

Looking Ahead

The NAPE North America Chapter remains committed to:

- Facilitating **knowledge transfer between academia and industry.**
- Supporting young professionals with skills for global competitiveness.
- Promoting innovation and collaboration in line with NAPE's mission of sustaining petroleum exploration excellence for Nigeria's economic development.

Acknowledgments

We appreciate the leadership of:

- **Johnbosco Uche, FNAPE – President**
- **Olajumoke Ajayi, FNAPE – President-Elect**
- **Ademola Lanisa – Chapter Coordinator**
- **Nosa Omorodion**

for their dedication, and all volunteers, speakers, and participants who have made our programs impactful.





YOUNG PROFESSIONALS

Executive Summary

The second quarter of 2025 was a vibrant and impactful period for the NAPE-YP Executive Committee and the YP (Young Professionals) community at large, marked by a strong blend of educational, professional, and social initiatives that advanced the development of members. Key events during the quarter included World Geologist Day, the Mentors Hangout, participation in World Hydrography Day, Technical Series and Financial literacy session, all of which contributed meaningfully to the technical and leadership development of young professionals.

The high participation level across events reflected growing engagement within the YP community, also achieved through strategic collaborations. Notably, 47 members attended World Geologist Day, over 60 participated in the May Financial Literacy Series, about 30 attended the Mentors Hangout onsite, with over 20 joining online, and over 115 attended the June Technical Series.

In addition to technical events, the quarter featured robust community engagement initiatives. These included the continuation of the Birthday Recognition Initiative, celebration of national holidays through themed flyers, and consistent sharing of job and internship opportunities via the NAPE-YP WhatsApp group. These activities collectively nurtured an inclusive, connected, and growth-oriented professional community.

Oluwaseun Ogundipe

NAPE-YP Lead

For: NAPE Young Professionals

1. NAPE-YP 2025 Q2 Activities

1.1 Activities in April 2025

1.1.1 World Geologist Day celebration by NAPE (April 6, 2025)

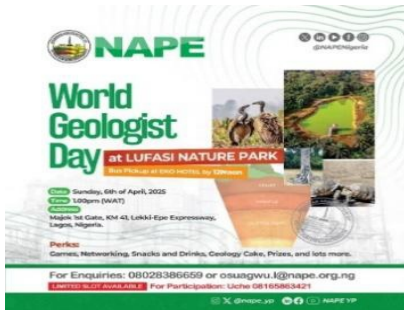
The World Geologist Day was held on April 6, 2025, and, at Lufasi Nature Park, Lekki, Lagos, with 47 members in attendance. The event began with a guided tour of the park, followed by opening remarks from the NAPE President-Elect, Mrs. Olajumoke Ajayi FNAPE who commended the Young Professionals for their commitment and encouraged them to continue introducing innovative "Gen-Z ideas" into the association.

The event was planned by the NAPE-YP Provost, Mr. Uchechukwu Ohale, whose coordination and dedication of his team ensured its success. In his absence, the NAPE-YP General Secretary, Mr. Oluwamuyiwa Abel, was represented by Mr. Uzoma Igboerisim, who delivered a brief presentation on NAPE membership categories, the transition from student to active member, and the benefits of continuous professional engagement.

The team identified prospective new members who committed to renewing or upgrading their memberships. The event concluded with a group photograph, and positive feedback was received from attendees about the event.



YOUNG PROFESSIONALS



1.1.2 NAPE-YP April Technical Series (April 26, 2025)

The NAPE-YP April technical meeting was successfully held virtually via Microsoft Teams, beginning with opening remarks from the NAPE-YP Lead, Mr. Oluwaseun Ogundipe.

The guest speaker, Mr. Chinazo Francis Ejeke, delivered an insightful presentation on Static Model QC: Tips for Best Practices. He emphasised the critical role of quality control in static geological modelling to ensure accurate reservoir estimates and optimal well placement. His talk explored both qualitative and quantitative QC techniques, including visual fault and grid checks, histograms, crossplots, variograms, and density maps. He also stressed the importance of documentation, peer review, and iterative model improvement.

The session drew over 60 participants who actively engaged with the topic. A Q&A segment fostered deeper discussions, and a quiz session concluded the meeting with ten winners emerging.

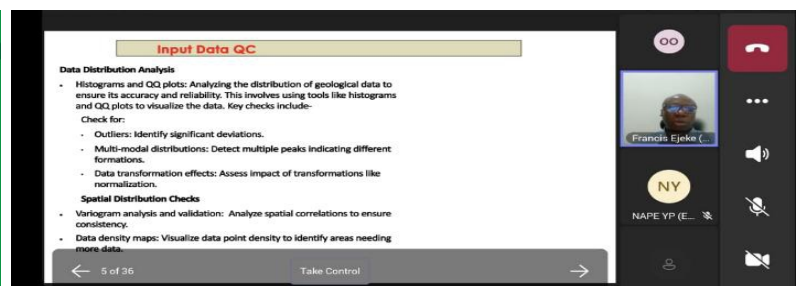


Figure 2: Poster of April Technical Series and snapshots from the session



YOUNG PROFESSIONALS

1.2 Activities in May 2025

1.2.1 NAPE-YP May Financial Literacy Series (May 24, 2025)

In May 2025, the NAPE Young Professionals hosted a financial literacy session aimed at equipping members with practical strategies for building personal wealth in the evolving digital economy. The session, titled "Oil Money in the Digital Age: Leveraging Digital Wealth Tools," was facilitated by the Zedcrest Wealth team and made possible through the coordination of the NAPE-YP Financial Secretary/Treasurer, Mr. Daniel Abe.

Over 60 participants attended the session, which covered investment principles, market performance trends, and risk management, emphasising the shift from "oil money" to "smart money" through consistent investing, diversification, goal setting, and use of regulated digital investment tools. Real-time capital market insights were also shared, linking macroeconomic indicators to smarter financial decisions.

Participants engaged in an interactive financial quiz session with prizes awarded to winners. The event reinforced the importance of early and intentional financial planning for professionals in the energy sector.

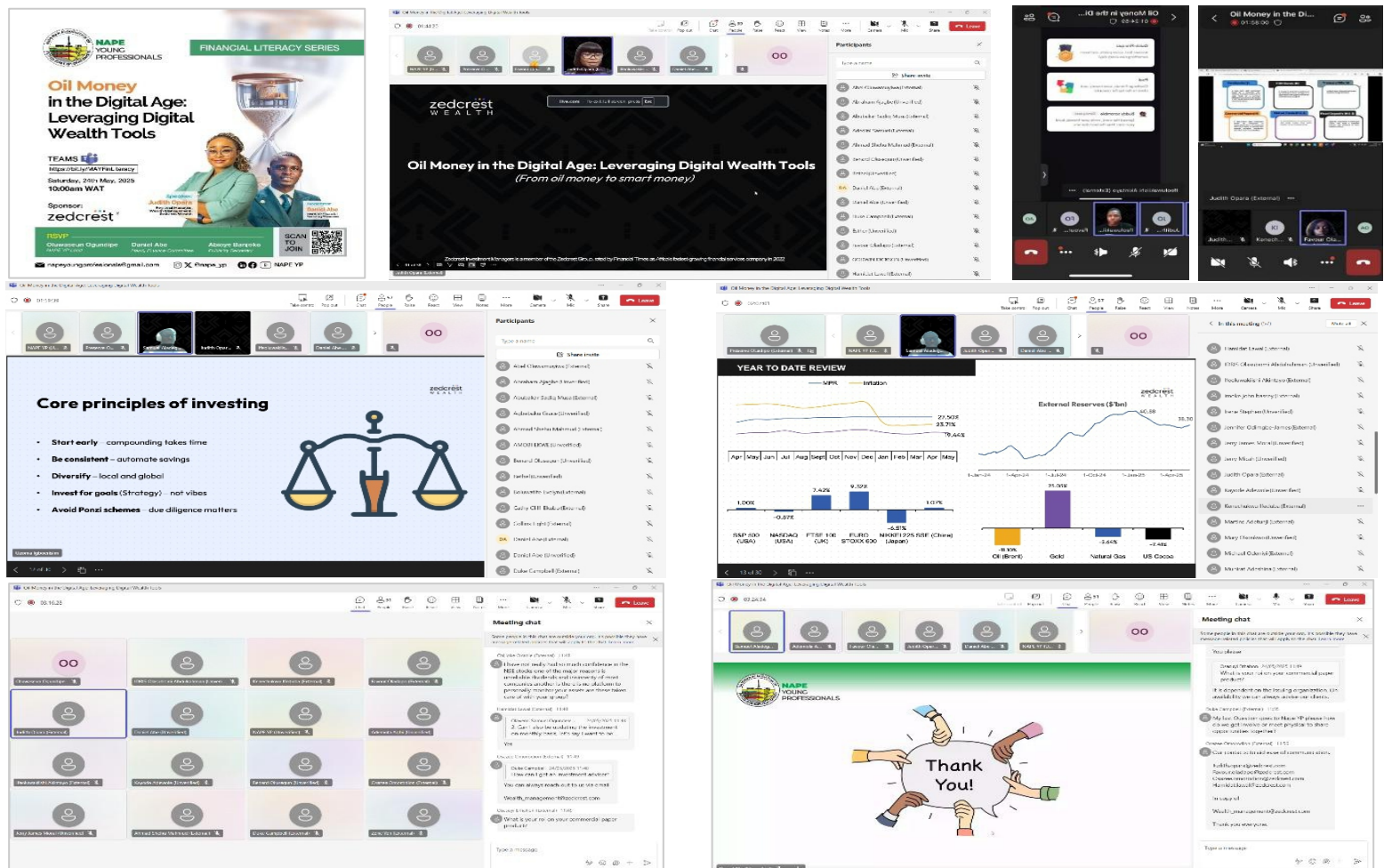


Figure 3: Poster and snapshots from the NAPE YP Financial Literacy Session



YOUNG PROFESSIONALS

1.2.2 Mentors Hangout: Navigating Career Success in the Oil and Gas Industry: A Personal Journey (May 31, 2025)

The NAPEYP Mentors Hangout was held physically in Lekki, Lagos, with over 30 attendees present and over 20 participants online. The session began with opening remarks from the NAPEYP Lead, Mr. Oluwaseun Ogundipe, followed by attendee introductions to encourage networking and engagement.

Guest speaker Mr. Abiodun Adesanya FNAPE delivered an inspiring talk titled Navigating career success in the oil and gas industry: A personal journey. He shared his transition from aspiring architect to geophysicist, highlighting formative experiences aboard seismic vessels and a rapid career rise through roles at ENI, United Geophysical, Elf (now Total), and Halliburton (Landmark Graphics). He emphasised technical excellence, adaptability, and entrepreneurship, including his story in founding Degeconek.

The event was successfully planned by the NAPEYP Event/Welfare Manager, Ms. Olaitan Kobiowu, whose contributions ensured smooth logistics and a quality participant experience.

The session ended with a vote of thanks from the NAPEYP Deputy Lead, Ms. Bethel Akuchie, who appreciated Mr. Adesanya FNAPE for sharing his valuable insights and sponsorship of the hangout. Group photographs were taken to commemorate the engaging and impactful four - hour event.



Figure 4: Poster and Pictures from the NAPEYP Mentors Hangout



YOUNG PROFESSIONALS

1.3 Activities in June 2025

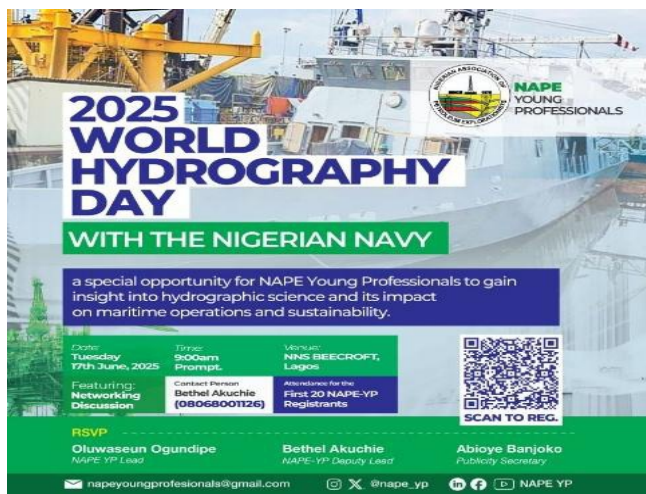
1.3.1 2025 World Hydrography Day (June 17, 2025)

NAPE Young Professionals participated in the World Hydrography Day 2025, hosted by the Nigerian Navy at NNS Becroft, Lagos. The event brought together key players in the geoscience and maritime sectors. A 12member NAPE-YP delegation, led by the NAPE-YP Lead, Mr. Oluwaseun Ogundipe, engaged in guided ship tours aboard NNS Lana and NNS Ochuzo.

Participants were introduced to the Navy's hydrographic operations, including seafloor mapping, nautical charting, and data acquisition. The experience provided practical exposure to how hydrography supports navigation, national security, and offshore exploration.

For many attendees, it was their first time aboard a naval vessel, offering meaningful insights into marine science careers and reinforcing the value of interdisciplinary collaboration. NAPE-YP appreciates the Nigerian Navy for the opportunity and looks forward to continued engagement.

Special appreciation goes to Mr. Julius Adeosun, one of our advisers for NAPE-YP, whose efforts and strategic linkage with the Nigerian Navy made this participation possible. NAPE-YP remains grateful to the Nigerian Navy for the opportunity and looks forward to sustained engagement.





YOUNG PROFESSIONALS

1.3.2 NAPE-YP June Technical Series(June 21, 2025)

The June edition of the NAPE-YP Technical Series featured a detailed presentation by Mr. Felix Oluyemi on Seismic-to-Well Tie: Application and Common Pitfalls. Over 115 participants attended the session, which focused on the integration of well data and seismic data for improved subsurface interpretation.

Mr. Oluyemi covered core concepts such as wavelet extraction, synthetic seismogram generation, correlation techniques, and data quality control. He highlighted common pitfalls, such as checkshot misalignment, inaccurate velocity models, and frequency mismatches, and explained how these can compromise interpretation accuracy. Realworld examples helped participants understand the importance of reliable well ties in seismic interpretation.

The session concluded with a Q&A and a quiz segment, both of which encouraged active engagement. The presentation's clarity and depth provided valuable learning for both early-career geoscientists and experienced interpreters.

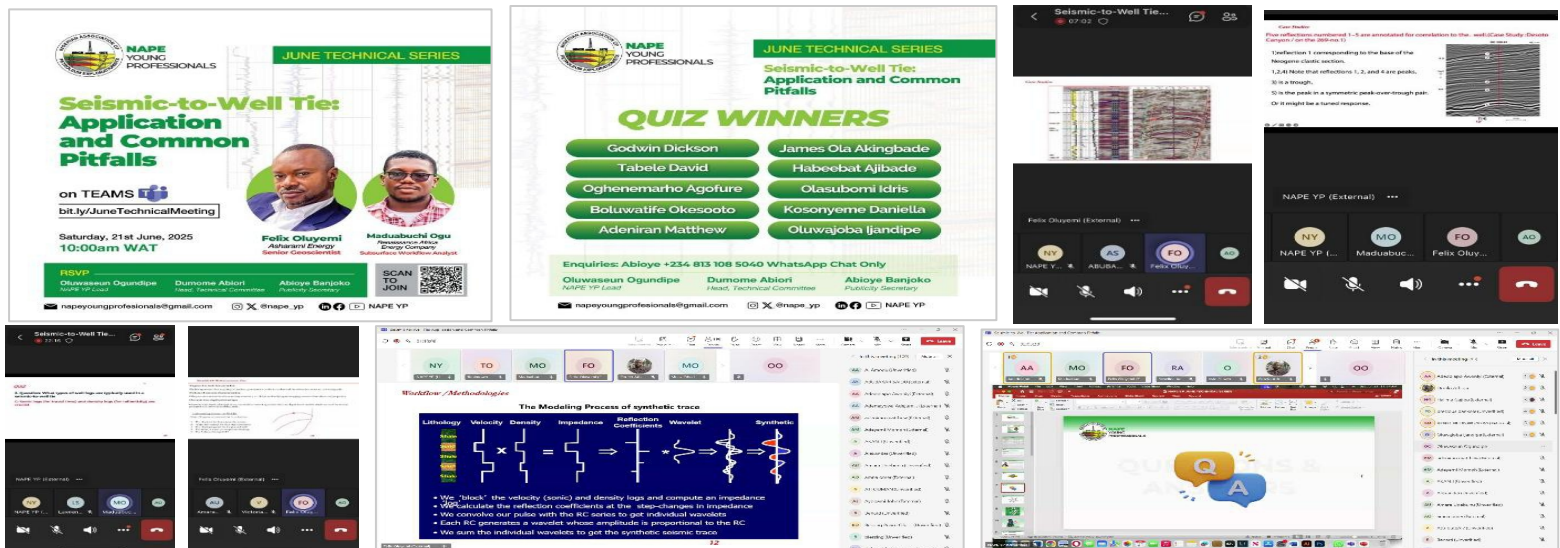


Figure 6: Poster of June Technical Series and snapshots from the session

2. Other Activities

2.1 NAPE-YP Birthday Celebrations (Q2 2025)

Building on the momentum from Q1, the NAPE-YP continued to celebrate members' birthdays by designing and sharing personalised flyers within the group chat.



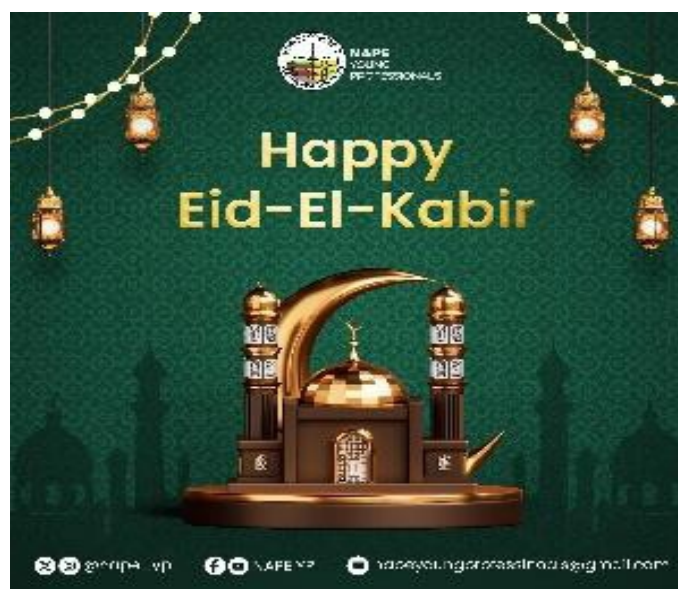
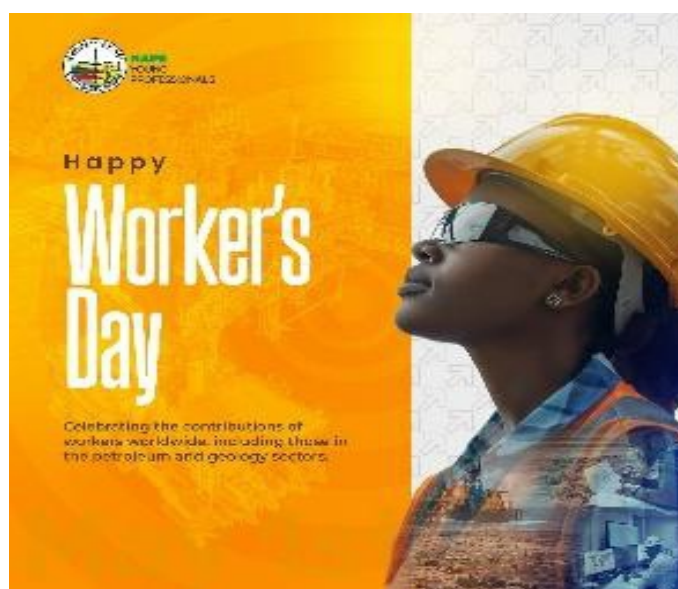


YOUNG PROFESSIONALS

2.2 NAPE WhatsApp Group Post

In addition to birthday celebrations, the publicity team under the leadership of NAPE-YP Publicity Secretary, Mr. Abioye Banjoko, designed and circulated themed flyers to commemorate national and cultural events such as Easter, Workers' Day, Children's Day, Eid El-Kabir, and Father's Day, helping to maintain an engaging and inclusive atmosphere across the YP network.

Furthermore, the WhatsApp group has remained an active platform for disseminating information among its members. NAPE news, Job openings and graduate internship opportunities were regularly shared to support professional growth and career advancement within the YP community.





YOUNG PROFESSIONALS

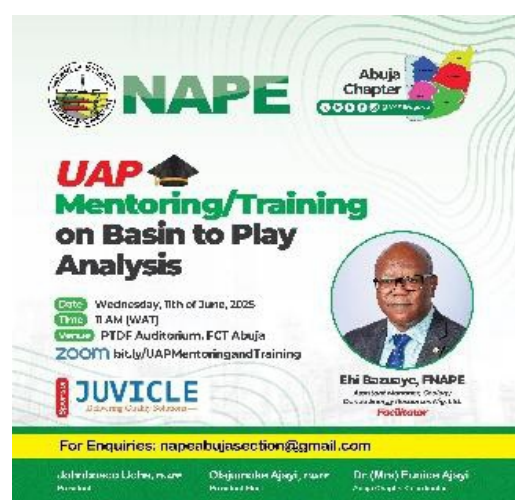
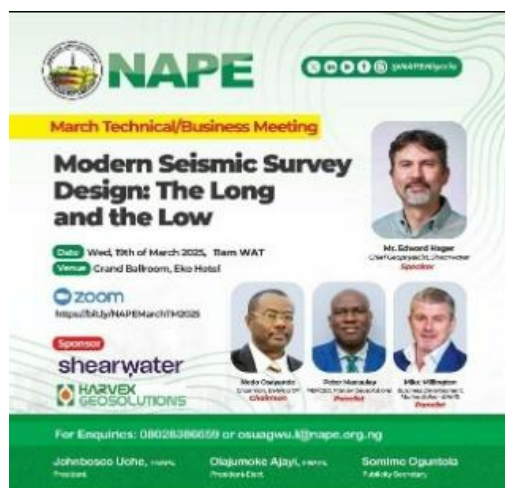
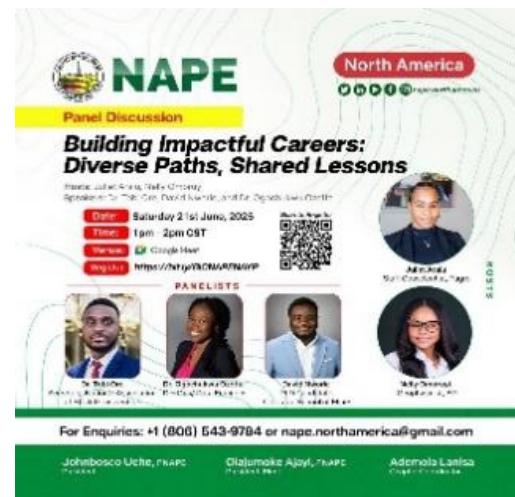


Figure 8: Highlights from Q2 community engagement activities, including holiday flyers (Easter, Workers' Day, EidEl-Kabir, Father's Day, etc.), and shared job opportunities within the NAPE YP group chat.

3. Conclusion

Q2 2025 was a quarter of steady progress, marked by the successful execution of programs that enriched both the professional and personal development of NAPE-YP. From technical learning and mentorship to social connection and career support, the quarter demonstrated the strength of a dynamic, collaborative, and purpose-driven YP community.

As we move into the next quarter, NAPE-YP remains committed to delivering impactful programs, fostering intergenerational collaboration, and creating opportunities that empower the next generation of geoscience leaders.

Abel Oluwamuyiwa
NAPE-YP General Secretary

Oluwaseun Ogundipe
NAPE-YP Lead

NAPE @ 50 STUDENTS OUTLOOK: LIGHTING THE NEXT 50

Fifty years ago, a vision was born, not just for Nigeria's petroleum industry, but for the people who would drive it forward. That vision became the Nigerian Association of Petroleum Explorationists (NAPE). From its founding in 1975 until now, NAPE has stood as a beacon of leadership, excellence, and collaboration in the geoscience and energy community. It has helped define Nigeria's oil and gas journey, not just through exploration and development, but by building the human capacity that sustains the entire industry.

Through conferences, research, mentorship, and policy engagement, NAPE has played a vital role in strengthening Nigeria's technical foundation. For decades, its members have contributed to some of the most significant exploration projects, data management improvements, and thought leadership initiatives in the country's energy sector. NAPE did not just grow alongside Nigeria's petroleum industry; it helped build it.

As a fresh graduate of geology and a student member of this great Association, I have had the privilege of learning from the vision and sacrifice of those who came before me. I have seen how NAPE does not just connect professionals, it nurtures futures. For many students across Nigeria, NAPE is the first real doorway into the world of energy and geoscience. It is a space where knowledge meets mentorship, and where dreams are turned into direction.

But now, a new era is unfolding. The energy landscape is

shifting, locally, globally, and across the African continent. Conversations about sustainability, decarbonization, and energy access are reshaping the priorities of nations. As Africa moves toward a more diversified and sustainable energy future, it is clear that NAPE has a vital role to play.

Over the next 50 years, NAPE has the opportunity to expand its pioneering legacy, not just as a custodian of petroleum exploration, but as a champion of responsible energy development across Nigeria and beyond. By embracing innovation, advancing clean technology dialogue, and continuing to invest in education and talent development, NAPE can remain at the forefront of Africa's evolving energy narrative.

To pioneer the future of energy in Africa is to remain dynamic, forward-thinking, and grounded in purpose. NAPE has already proven its strength in building an industry. Its next frontier is helping shape an energy system that is more inclusive, more sustainable, and more prepared for the challenges of tomorrow.

Lighting the next 50 years is not only about keeping the flame of the past alive, but also about using it to spark new ideas, guide new leaders, and empower the next generation of geoscientists and energy professionals.

It is a legacy in motion, and I am honored to be part of it.

Olamide Elizabeth Onile-ere

Beyond the Barrel: Redefining Energy Security and Sustainability in Africa

For five decades, NAPE has been a cornerstone of Africa's oil and gas success story. From seismic lines to exploration wells, the contributions of petroleum geoscientists have powered economies, created jobs, and enhanced national development. Yet as we celebrate NAPE's Golden Jubilee, the question arises: what will energy security mean for Africa in the next 50 years?

The answer lies beyond the barrel.

Africa's future energy landscape will require more than oil, it will demand a diversified, resilient, and sustainable approach that ensures every citizen, regardless of geography or income level, has access to affordable and reliable energy.

The role of oil and gas will remain essential, particularly in driving industrialization, revenue, and innovation. However, achieving true energy security means embracing an energy mix; where hydrocarbons, renewable energy (solar, wind, hydro), gas-to-power solutions, and emerging technologies like hydrogen and carbon capture work together.

NAPE, with its deep roots in exploration and development, is uniquely positioned to lead this transformation by:

Encouraging responsible exploration that minimizes environmental impact. Supporting research and collaboration in renewable integration and energy diversification.

Promoting community engagement to ensure energy projects benefit the people they serve.

Expanding capacity building for young professionals to thrive in this new energy era.

Energy security in Africa is no longer just about the presence of oil, it is about the resilience of energy systems, the sustainability of practices, and the inclusion of every community in the energy journey.

As a proud Student Member of NAPE, I believe that by fostering innovation, leadership, and sustainability, NAPE can help Africa build an energy future that goes beyond the barrel and towards lasting prosperity for all.

Mutahir Abolarin
Student Member, NAPE



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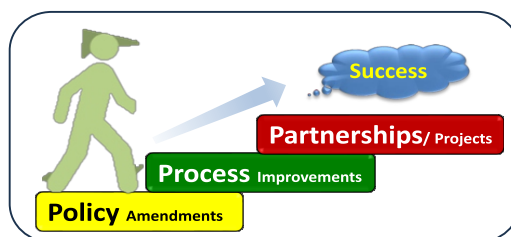
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NAPE
UAP

NAPE University Assistance Programme (UAP) 1H25 YTD Activities and 2H25 Outlook



UAP Support Teams

- GIA Committee (7 Members)
- UAP Thinktank (21 Members)
- UAP Community (All universities and departmental reps)
- UAP Zonal Coordinators (6)

Dr. Ifeanyi Obi

- NAPE UAPc

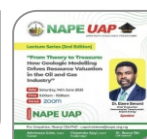
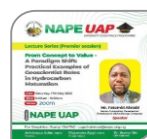


NAPE UAP 1H25

NAPE
UAP

NAPE UAP 1H25 YTD Activities

- **UAP Lecture Series - From Theory/Concepts to Volumes and Value (N\$€)**
 - Maiden edition – May 17th (Mr. Afolabi Fatunmbi – Renaissance Energy)
 - 2nd edition – June 14th (Dr. Ebere Benard – Seplat Energy)
- **TechQuip Initiative (NAPE TQI) – Equipment and Software Drive**
 - Workstation delivered to FUPRE (SS) & OOU (SW) (April 4 & 17th)
 - Schools in 3 other geopolitical zones to follow
 - Following up with donors for more workstations (e.g. TEPNG)
 - Petrophysics softwares & license donated to 30+ univ. by Halliburton
- **New Student Chapters Inaugurated - Member Growth**
 - Successfully inaugurated 4 new student chapters
 - Feb. 22: BUK and ADUST (NW); YSU (NE)
 - May 10: UNIOSUN (SW)

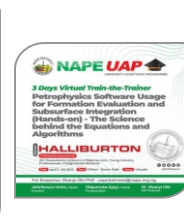
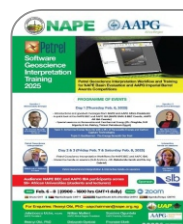
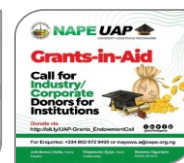



NAPE UAP 1H25

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UAP

NAPE UAP 1H25 YTD Activities

- **NAPE Research Grants (for Lecturers)**
 - Advert published April 11th (\$5k for disbursement in 2025)
 - 40 submissions received across all 6 geopolitical zones (closed June 7th)
 - Review and scoring ongoing (beneficiary list expected July 15th)
- **Grants-in-Aid (NAPE GIA) (for Students)**
 - Funds collation ongoing (60%); June 30th targeted for close out.
 - 3 new grantors YTD2025
 - 4 grantors increased endowment (2025)
- **Train-the-Trainer (NAPE T-t-T) – Certification Trainings**
 - SLB 3-day Petrel school for subsurface integration: Feb 6-8th
 - Training data & software provided. 100+ participants (in collab with AAPG)
 - Halliburton Petrophysics hands-on school for lecturers: April 2 – 4th
 - Softwares & licenses provided; 40+ lecturers; 10+ YPs participants





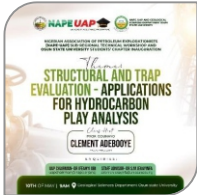

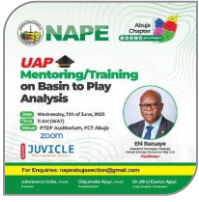





NAPE UAP 1H25

**NAPE
UAP**

NAPE UAP 1H25 YTD Activities

- Pair-to-Teach (NAPE PTP) – Visiting Geoscientist Programme**
 - Total 45+ beneficiary institutions; 60+ Industry Professionals (volunteers)
 - 10 new Volunteer Industry Professionals YTD2025 🌟
 - 8+ new beneficiary institutions SW(1), SS(1), NE(2), NW(2), NC(2) 🌟
- UAP Mentoring (New) 🌟**
 - Technical mentoring on HC Trap Evaluation – May 10
 - Training on Basin to Play Analysis - June 11th
- NAPE - NMGS Mini-Conference: 28 – 30th Aug. 2025 @ KWASU**
 - Courtesy visit to KWASU VC and LOC inaugurated Jan 27th
 - Call for abstracts published May 4th
 - Budget approved by NAPE & NMGS. 60% of funds released to LOC
 - Planning in progress



NAPE UAP 2H25 - Outlook

**NAPE
UAP**

NAPE UAP 2H25 - Outlook

- NAPE - NMGS Mini-Conference:** Progress planning to mini-conference execution (Aug. 28 – 30th, 2025)
- TechQuip Initiative (NAPE TQI):** Deliver remaining 3 workstation to schools in other geopolitical zones
- NAPE Research Grants:** Funds disbursement to successful candidates - August/September 2025
- UAP Grants-in-Aid (GIA):** Close-out on funds collation; Commence disbursement to beneficiary students – Aug. 2025
- UAP Lecture Series:** Plan and execute 3rd edition – July 2025
- New Student Chapters Inauguration:** Plan and execute inauguration of 2 additional chapters – Oct. 2025
- Others:** Continue oversight of YP and student activities



NAPE



NMGS



12th NAPE-NMGS MINI-CONFERENCE

28th – 30th August, 2025

Kwara State University, Malete, Kwara State

Theme

Bridging the Knowledge Gap: Enhancing Geoscience Education for Sustainable Development

Membership Category	Early Bird (Before July 25th, 2022)	After July 25 Onsite
NAPE & NMGS Student	₦15,000	₦20,000
Non- NAPE & NMGS Student	₦20,000	₦30,000
Professionals	₦30,000	₦40,000

**Free Feeding
Free Accomodation**



Conference Programme

- Free Short Courses/ Software Training
- Meet & Greet/Networking
- Key Note Speeches
- Technical Presentations
- Inter-Varsity Competition
- Sport Competition/Game

Make Payments:

Guaranty Trust Bank 0009381477
Nigerian Association of Petroleum
Explorationist

NB: For bulk registration, send a list of the participants, payment confirmation with the following details; Full names, membership ID, gender, e-mail address, phone numbers, and institution/company name to Mr. Lawrence Osuagwu (osuagwu.l@nape.org.ng)

For Enquiries

Mr. Seun Ogundipe (NAPE-YP Lead) – 08062232677 | Dr. Yusuf A. Jimoh (LOC YP Sub-Committee Lead) - 08083378402
Ms. Flora Anusiobi - (Sub-Committee Member) - 08038166168

RSVP

Johnbosco Uche, FNAPE
NAPE President

Ms. Rose C. Ndong, FNMGS
NMGS President

Ifeanyi Obi, PhD
NAPE UAP Chairman

Hon. Matthew Oyedokun PhD, FNMGS
NMGS Vice President

WOMEN IN GEOSCIENCES AND ENGINEERING (WiGE)

Women in Geosciences and Engineering (WiGE) 2nd Quarter Report – 2025

1. Introduction

The second quarter of 2025 was filled with impactful programs and meaningful engagements for Women in Geosciences and Engineering (WiGE). This quarter highlighted WiGE's commitment to community building, capacity development, and celebrating excellence within her network.

1. Member Recognition & Community Engagement

Birthday Celebrations

WiGE celebrated several of her members' birthdays this quarter, acknowledging their roles and contributions to the organisation. Notable among those celebrated were:

- Mrs. Deborah Oyeibisi – Vice President, Secretariat
- Mrs. Tunbosun Afolayan – Executive Vice President, Operations
- Ugochi Ugwuanyi
- Grace Ogbonna and many others

These birthday shoutouts, shared via our social media platforms, continue to foster a sense of belonging and community within WiGE.



3. Capacity Development: WiGE Inspire Webinar

On May 10, WiGE Inspire hosted an International Graduate School Information Webinar aimed at empowering young professionals with knowledge on applying to graduate schools outside Nigeria.

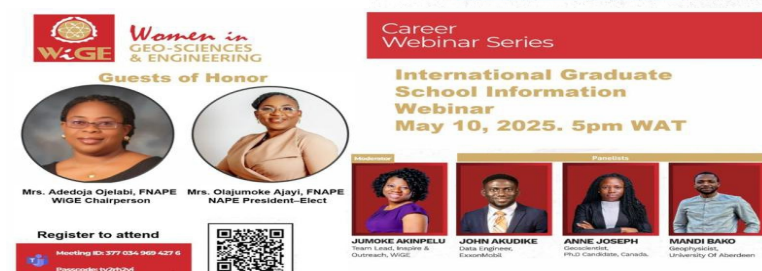
Guest Speakers:

- John Akudike – United States
- Mandi Bako – United Kingdom
- Anne Joseph – Canada

Guests of Honour:

- Mrs. Adedola Ojelabi – WiGE President
- Mrs. Olujumoke Ajayi – Executive President

The session was well-att



4. Courtesy Visit to Prof. Mrs. Deborah Ajakaiye

On May 31, WiGE members paid a remarkable courtesy visit to Professor Mrs. Deborah Ajakaiye, the first female professor of Geoscience in Africa. This landmark visit created an opportunity for meaningful conversations, inspiration, and mentorship. It marked the beginning of what WiGE hopes will become a tradition of honoring and learning from pioneering women in the field.



5. Social Impact: Back-to-School Initiative

In Q2, the WiGE Social and Welfare Directorate launched a sponsorship campaign for its Back-to-School Initiative, scheduled to hold in August. The aim is to support students returning to school with essential supplies such as school bags, books, and stationery. This initiative reflects WiGE's commitment to supporting education and social inclusion for the younger generation.

6. Innovation Drive: WiGE Hackathon – "Disrupt-Hers"

WiGE launched a call for applications for its new Hackathon, tagged "Disrupt-Hers". This is a 4-month virtual innovation challenge designed exclusively for female teams to solve real-world energy problems using data science.

This initiative strengthens WiGE's role in promoting technology, innovation, and gender equity in the energy and geoscience space.



7. Launch of WiGE Mentorship Program

In Q2, WiGE proudly launched its Mentorship Program, designed to support the personal and professional growth of its members. This initiative connects early-career professionals and students with experienced leaders in the geosciences and energy sectors. With 26 mentors drawn from across the industry—including both men and women—the program provides

mentees with guidance, career insights, and a supportive network. This step marks a significant milestone in WiGE's commitment to capacity development and sustained leadership growth within the community.



8. Looking Ahead: Q3 Preview

As we move into Q3, WiGE looks forward to:

- Executing the Back-to-School Initiative and delivering support items to students.
- Officially kicking off the "Disrupt-Hers" Hackathon, providing mentorship, resources, and community to the selected teams.

This is WiGE, where we are empowered through Synergy.

Nigerian Agency Wants to Erase Expensive Barging of Crude

By Macson Obojemuinmoin

Nigeria's Ministry of Finance Incorporated (MOFI) has set up a committee to evaluate the crude oil

evacuation infrastructure in the country's Niger Delta basin.

Concerned that a growing number of upstream operators are exiting the pipeline system and opting for barging, (shipping their crudes in small vessels, to terminals) at what it considers a very high cost;

sometimes as much as \$20 per barrel, compared with around \$6 per barrel for pumping through pipeline, the state owned investment vehicle is studying an overhaul of the existing pipeline evacuation system, which was set up by six multinationals, to take their crudes from gathering stations, some of which are significantly far apart from each other, through pipelines as long as 70kilometres in cases, to the Terminals on the edge of the Atlantic.

The vandalism of these pipelines along the right of way is a huge causative factor in the decline of investment in Nigeria's oilfield production, which translated to lower for longer crude oil output.

On MOFI's table is a plan which suggests field-and acreage specific-shorter pipelines to evacuation

terminals. But the MOFI plan has been severely challenged, and criticized in places, and, in the view of some sources at MOFI, not always for altruistic reasons.

MOFI sources allege that some of the companies involved in barging are profiting from the practices itself, padding up the cost by running the operations either through companies set up by the operators themselves for the take, or ensuring that middlemen pay them part of what is spelt out as "cost per barrel".

In the end, MOFI sources claim, the country loses: whereas companies can still make their profit at \$65 per barrel, and the fake companies receive their take, but the government's Hydrocarbon Tax is based on profit declared.



In February 2025, just four Nigerian operators delivered around 120,000Barrels of Oil Per Day(BOPD) of their crude output, through barging, to various terminals. In the west, Neconde produced 42,000BOPD. In the east AITEO delivered 38,000BOPD, Newcross produced 25,500BOPD and Aradel pumped 10,000BOPD of its 16,500BOPD through barging, (with the remaining 6,500BOPD) sent to its refinery.

Aradel, a listed company with a rigorous governance structure, told Africa Oil+Gas Report that it was

worried about dropping the barging option when it can't guarantee the uptime of the Trans Niger Pipeline. "Barging has become our default evacuation. If we walk out of the contracts with the various vessels we will lose them".

Newcross officials, at a presentation during an edition of the monthly technical session of the Nigerian Association of Petroleum Explorationists (NAPE) remarked that "the more you barge, the more efficient you get, and the more the costs go down".

Aradel says that it is working to drive down the cost, to significantly less than \$15 per barrel. "It's what we are constantly working on".

It is widely believed that the most economically efficient barging process by any operator in the Niger Delta is by SEEPCO, the Indian independent, which delivers over 80,000BOPD from two OMLs in the central Niger Delta to an FSO for allegedly less than \$6 per barrel, but SEEPCOs operations are so opaque that some argue that the figures in the public domain shouldn't be out rightly believed. SEEPCO doesn't speak to the press.

MOFI is a 50% owner of NNPC Ltd, the state hydrocarbon firm, so it has a skin in the game.

But when asked for his thoughts on MOFI's plans to venture into pipeline construction, Ado Oseragbaje, Chief Executive Officer of Heritage Energy Operational Services (HEOSL), which operates both the Oil Mining Lease (OML) 30, and the TransForcados Pipeline, disagrees with the intervention. "While MOFI is an investment vehicle, it remains a government agency. Personally, my preference would be for the government to focus its resources on broader infrastructure development - things like roads, education, primary healthcare, and security - and on investing in our young population. I believe the private sector is best positioned to drive industry-specific solutions and investments, including in pipeline infrastructure".

Ghana Wants to repair its Refinery, But There is Something Else to Worry About

By Oluwatobi Odeyinka, Senior Reporter

The Ghanaian government's desire to repair the Tema Oil Refinery (TOR), is hampered by legacy debt issues and a technical design glitch.

Edmund Kombat, the Acting Managing Director of the 45,000Barrelsof Oil Per Day (BOPD)Refinery, made a case for its refurbishment after a Parliamentary presentation on Monday, June 23, 2023.

The 62 year old crude oil processing plant has been shut down since 2019 as a result of poor infrastructure, debts, and inadequate crude supplies.

Kombat, a criminal & corporate attorney who was appointed to the position in May 2025, said the repairs were aimed at increasing its capacity, adding that it would save the country about \$240Million in the importation of petroleum products.



"We spend \$400 Million every month importing refined petroleum products. When TOR is running, we will need less than 60% of that money to import refined petroleum products because our nameplate capacity is 45,000 barrels and we recently installed a new furnace. With that new furnace, we can actually do 60,000 barrels and nationally, we consume about 100,000 barrels per stream day, every single day."

But how does Mr. Kombat disentangle the huge debt hanging over the dormant, state-owned refinery to access the \$300 Million he needs for

the repairs? Several reports of Ghana's midstream hydrocarbon industry conclude that TOR Refinery's over \$500 Million debt comprises trade arrears, legacy obligations as well as recent reclassifications of grants to loans in an agreement between Ghana and the International Monetary Fund (IMF).

Ghana has little refining capacity; a growing set of modular refineries are not transparent about how much crude they are processing, let alone products they deliver.

Ghana exports most of the crude oil produced from its three oil fields - Jubilee, TEN, and SGN,

and imports refined petroleum products to meet its domestic fuel needs.

The country produces about 140,000 BOPD from the three fields, but it also imports crude oil, especially to supplement gas at its power generation plants.

As the country's domestic fuel demand grows, it desires a return of its refinery in order to reduce its heavy dependency on imported petroleum products.

Hence, the present administration's commitment to revamping the state-owned refinery. But there is an elephant in the room, which even the government has failed to acknowledge. TOR cannot refine Ghana's premium crude oil.

The hydroskimming plant at the Tema Oil Refinery was not designed to process the light sweet crude oil from Ghana's oil fields. When it was functional, it processed heavier crude oil and produced low-quality residual fuels.

Therefore, the repair of TOR may not rescue Ghana from the heavy importation of refined products that it wishes to address, and it would also not refine the barrels of crude oil produced from its fields, if it wants to maximize their value.

Nigerian Rig Activity Steps Up

By Fred Akanni

Thirty Five rigs were performing both drilling and completion activities in as many wells in Nigeria's Niger Delta and the Benue Trough in March 2025.

It was a high mark in the country's drilling activity in the last 10 years. Throughout 2017, for example, rig activity numbers were no more than 22.

28 rigs were drilling and seven rigs were completing. Two wells were being tested and two rigs were rigging up, as of Mid-March 2025.

Conversely, in Angola, the total number of rigs carrying out any operation has remained flat at 13 for the last three months and has moved between 12 and 14 in the last one year.

Although drilling has been close to this level in Nigeria since October 2024 (26 on average, compared with 28 drilling in March 2025), the remarkable

thing about the March 2025 figures is the number of completions going on (7, compared with an average of 4 over the period from October 2024 to February 2025). There was a completion going on at Newcross Petroleum operated Ekulama field in Oil Mining Lease (OML) 24; another completion was going on at Halkin's Atala field and yet another by Tulcan Energy on Tom Shot Bank field.

Yet another data point: the OML 30, which hosted three rigs in March 2025, had never witnessed any drilling since the asset was purchased from Shell/ENI and TOTAL in 2012 until the current campaign began in 2024. Yet in March 2025, it hosted one faulty unit for work over operation, one functioning unit for another work over and a third unit for infill drilling. Heritage Oil Services which operates the OML on behalf of Shoreline Resources, was the third busiest company with the drill bit in the country, after SEEPCO and Seplat Energy. Rano Acrete (the upstream subsidiary of the petroleum product seller A. A Rano), was also drilling.

The difference in increase in rig activity between a Angola and Nigeria has not shown up considerably in oil production numbers. Nigerian crude output



dropped from 1.54 Million Barrels of crude a day in January, to 1.46 MMBOPD in February and slipped to 1.44 MMBOPD in March 2025. Angola's crude output in January was 1.04 MMBOPD; in February it was 1.054 MMBOPD and in March 2025 it was 1.053 MMBOPD.

Nigeria's output is complicated by evacuation challenges in ways that Angolan output is not. There is also the geology factor; 65% of Nigerian production is onshore while only 25% is in deepwater. Angola is at least 80% deepwater.

These production figures versus rig activity numbers also challenge the notion that rig count is a leading index of industry's commercial health. The truth is that 100 land rigs in Egypt are unlikely to deliver what 40 land rigs will do in Nigeria.

This story was originally published in the March 2025 edition of the Africa Oil+Gas Report monthly pdf journal.

Deepwater: Cote d'Ivoire is Not Namibia, But what's the Difference?

By Toyin Akinosho

Côte d'Ivoire has not attracted the level of upstream exploration activity comparable with Namibia's, despite the fact that large, basin-opening, deepwater discoveries were made in the two countries around the same time.

True, the Italian explorer, ENI, has been increasing production in Côte d'Ivoire's large Baleine field in the last 18 months, whereas none of the several operators in Namibia is likely to reach first oil in the next three years.

In fact, this year alone, Shell has reported writing down the value of some of the discoveries it has made in Namibia, while TOTAL has experienced one dry hole as well as a non-commercial find on the same block in which it is developing its signature Venus field.

The current drillers in Namibia are a mix of small independents and large majors: Galp Energia has succeeded with Mopane-3X (Exploration), Rhino Resources did not appear excited with the results of Sagittarius-1X, but it gleefully reported commercial discoveries in Capricornus 1-X, its second well. Chevron also reported a dry hole, but ten of 14 wells drilled so far since the current "rush" began in February 2022, have been declared as oil discoveries and some fields have been reported to hold more than 2 Billion barrels of oil in estimated recoverable reserves.

So the Namibian rush has escalated.

On the contrary, operators in Côte d'Ivoire remain largely the small independents that have been in the country since before the discoveries of



Baleine and Calao. For its 2025 work programme in the country, Murphy Oil is planning to contract a Valaris rig and drill some wells. Canadian Natural Resources (CNR) is planning to decommission its FPSO, ship it to Dubai for major maintenance and sail back eight months after. Shell has attempted an entry into Cote d'Ivoire, but it is unclear how far the conversation with the government has gone. TOTAL, ExxonMobil, Chevron have stayed out, despite the size of the pie.

Cote d'Ivoire is on course to reach production of 150,000 BOPD from the Baleine field by 2028, whereas, despite all the activity in Namibia, the most optimistic date for first oil from the deepwater Orange Basin, is 2029.

Africa Struggles With Lower for Longer Crude Oil Output despite OPEC +'s Tap Opening

The top African producers of hydrocarbons in the membership of OPEC have struggled to keep production on a growth trajectory, despite the cartel's optimistic tone, which calls for more output. Nigeria and Libya have collectively output less than 3 Million Barrels per day (3 MMBOPD) in the last full year.

Algeria's oil output has dropped from over 1 MMBOPD in 2023, to less than 930,000 BOPD for all of 2024 and 2025.

Congo Brazzaville and Gabon, the two second tier African OPEC producers, have been middling performers at best in the last 18 months. Crude oil output in the former has hovered between 250,000 BOPD and 265,000 BOPD. The latter can claim that its production has edged past the 220,000 BOPD "cap", to average 233,000 BOPD in May 2025. But there are no projects in sight that could take output in either country to 300,000 BOPD in the next five years.

African oil producers outside OPEC are also wallowing in the lows. Ghana's crude oil production has declined for the fifth consecutive year.

Egypt's crude oil production decreased by 10% while natural gas production, for which the country is better known, fell by 25% during the



last two years.

Angola walked out of OPEC less than 20 years after it joined, blaming a restrictive quota system that supposedly disallows it from opening the tap. But its production since it quit in January 2024 has not improved; it had only once breached 1.2 MMBOPD. For most of the last 18 months it has moved between 1.03 MMBOPD and 1.15 MMBOPD.

ANNOUNCEMENT OF THE 2025/2026 NAPE EXECUTIVE COMMITTEE ELECTION

In line with the provision of SECTION 11 of the NAPE constitution, please be advised that the 2025 Election process officially commenced on Friday, March 28, 2025. The exercise is expected to be concluded by Friday, October 31, 2025. This duration should enable full participation by the entire Active members in all NAPE Chapters/locations with the following guidelines.

Election Process:

Announcement of 2025/2026 NAPE Elections
Distribution of Nomination forms to members
Return of completed nomination forms to the NAPE Secretariat
Publication of list of candidates for elective offices
Start of campaigning by successful candidates
Presentation of Candidates
Voting begins
Voting ends

* All dates 2025

Dates are subject to change according to the Electoral Committee.

Due By *

March 28
March 28
May 16
August 4
August 4
August 4 - 29
September 1
October 17

Elective Positions:

1. Vice - President
2. President - Elect
3. University Assistance Program Chair (UAPc)



Dr. Wilson Osung, FNAPE
VICE-PRESIDENT

Assistant Director (Training), Petroleum Engineering & Geosciences Department Petroleum Training Institute, Effurun-Warri, Delta State.



Mr. Emmanuel Egbele
VICE-PRESIDENT

VENTURES COORDINATOR
TOTALENERGIES EP NIGERIA LTD



Mr. Temitope Adelaja
VICE-PRESIDENT

Acting Manager, Geosciences,
Antan Producing Limited.



Dr. Anthony Ofoma, FNAPE
PRESIDENT-ELECT

Country Manager, Landmark Software
and Services, Halliburton



Mr. Afolabi Fatunmbi
UAP CHAIRMAN

Senior Exploration Geoscientist –
Specialist Geosciences Team, Development & Subsurface -
Nigeria RENAISSANCE AFRICA ENERGY COMPANY

SEPHA ENERGIES

Execution. Innovation. Local Impact.

Sepha Energies is an indigenous, women-owned and woman-led oil and gas servicing company, specializing in Well Construction, Well Completion, and Intervention. We deliver these services in partnership with global alliance leaders such as SLB, Halliburton, BOTIL, and others, providing world-class solutions to clients across Nigeria and West Africa.

Products and Services

1

Directional Drilling/LWD/MWD

2

Well Completion and Intervention

3

Wireline Logging & Perforation

4

Gravel Pack Pumping

5

Plug & Abandonment

6

Procurement



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EXHIBITION FLOOR LAYOUT

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 N120,000 per SQ.MTR
 After early bird period (August 1, 2025)
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Exhibition Space Subscription Kicks off
 Monday, February 19, 2025

Deadline for Subscription
 Monday, November 3, 2025

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 Contact:

Exhibition Committee Chairperson,

Adaora Oyeoka

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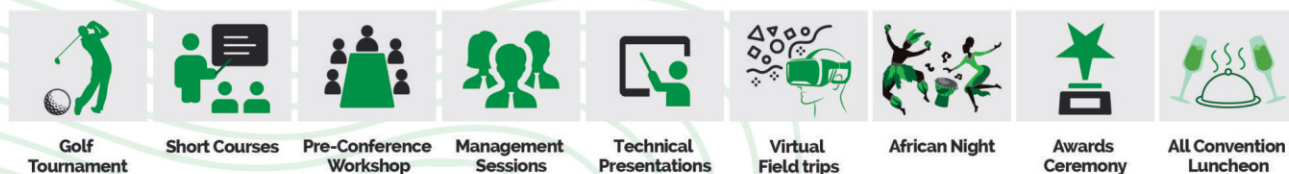
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Theme

Revitalizing the Nigerian Petroleum Exploration and Production Strategies for Energy Security and Sustainable Development.

Features



Exhibition Information

See exhibition plan on conference.nape.org.ng Subscription deadline: 1st November, 2025

For bookings, send an email to napeexhibitions@gmail.com

Registration Information

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Members (fin. up-to-date): ₦100,000
Non-Members: ₦140,000
Lecturers (fin. up-to-date): ₦50,000
Students (fin. up-to-date): ₦30,000
International: \$275

After Sept 01

Members (fin. up-to-date): ₦120,000
Non-Members: ₦160,000
Lecturers (fin. up-to-date): ₦70,000
Students (fin. up-to-date): ₦40,000
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Students (fin. up-to-date): ₦50,000
International: \$295

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