

**NIGERIA @ 63: Indorama
Celebrates in Grand Style**

INDORAMA-NIGERIA

IMPACT

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**MERRY
CHRISTMAS**

& a Happy new year

Indorama's bold step in NPK Fertilizer Production

• **It's positive impact on
Food production in Nigeria**

INSIDE

**NAC&BWC on
Inspection Visit
to Indorama**

**MAN HQ & PH
Exhibitions in
Colour**

**Harvard Model
United Nations
Experience**

INDORAMA-Nigeria | Ethylene | Polyethylene | Polypropylene | PET | Fertilizer | Preform



Message from the MD



Mr. Manish Mundra

"To all our employees, associates, customers, and stakeholders, I say: Happy Christmas and a prosperous New Year in advance!"

The 4th Quarter of 2023 is gradually rolling off with its attendant difficulties on business operations. Hyper-inflation, very low \$/Naira ratio and scarcity of foreign exchange are three key challenges facing businesses currently and we in Indorama-Nigeria are facing it with all determination to overcome them.

Besides, poor supply and the high pricing of our feedstock (natural gas) have also had a negative impact on our production, mainly at our petrochemicals plants. We wish to assure our customers that we are finding solutions to these setbacks.

However, the horizon isn't all gloom. We have cause to be happy that the preliminary works for the construction of our Train 3 Fertilizer are on course. This will help in realizing our vision of building the largest petrochemicals and fertilizer hub in Nigeria!

Indorama-Nigeria has also taken a bold step into the arena of NPK fertilizers production. It is a milestone, and a key enabler in the agricultural sector

to boost food production and chase away food insecurity. It is a thing of joy that the current edition of our *IMPACT* magazine has captured this achievement as their cover-story!

Another source of our joy is the season. Although there is hardship in the land, Christmas and New Year celebrations are seasons of happiness and Thanksgiving to God Almighty for keeping us alive and healthy.

On this note, may I congratulate all our colleagues and their families on this auspicious occasion of this year's Christmas and New year celebrations. It's a season of best wishes and good tidings, hope, renewal, love and peace for the world and everyone.

To all our employees, associates, customers and stakeholders, I say: Happy Christmas and a prosperous New Year in advance!

MANISH MUNDRA

Managing Director (Indorama-Nigeria) and Executive Director (Indorama Africa).

FEEDBACK

Letters to the Editor

RE: INDORAMA, NNPC GAS AGREEMENT TO INJECT \$18BN INTO NIGERIA'S ECONOMY

We have received with pleasure your letter in connection with the above subject.

May I, on behalf of the Senate, Staff, Students, and the Stakeholders of the University Of Port Harcourt thank Indorama Eleme Petrochemicals Limited immensely for sending a complimentary copy of your Impact Magazine to our dear University.

The Magazine as an impacting publication of Indorama Eleme Petrochemicals Limited is edifying and revealing. As a University, we are happy to be associated with you.

Please accept the assurances of our esteemed regards.

Professor Owunari A. Georgewill,
Vice-Chancellor
University of Port Harcourt

RE: INDORAMA, NNPC GAS AGREEMENT TO INJECT \$18BN INTO NIGERIA'S ECONOMY

I write to acknowledge receipt of a copy of the Indorama-Nigeria *IMPACT* Magazine and to express my appreciation for your thoughtfulness in sharing this magazine with me.

I extend my congratulations to the entire team at Indorama Eleme Petrochemicals Ltd. For the excellent work in producing the Indorama-Nigeria Impact magazine, I congratulate your editorial team. I am confident that Indorama Eleme Petrochemicals Ltd. will continue to achieve great milestones in its pursuit of sustainable growth and development.

Thank you once again for providing this valuable resource and for your continued efforts to positively impact our nation.

Please accept the assurance of our highest regards.

Yours faithfully,

Bamidele Abayomi Alimi, FNIM, M.IoD
Director-General/CEO
Chartered Institute of Directors, Nigeria



CONTENTS

04

Indorama Celebrates Nigeria's 63rd Independence Day!

20

OSH Association Holds National Workshop and Membership Investiture in Abuja!



10

Indorama's bold steps in NPK Fertilizer Production



07

MAN HQ Holds its 2023 AGM, Conference and Exhibition

24

"Indorama is Strict with Scheduled Chemicals" – Mgt. Assures NAC&BWC!

25

How We Intend to Celebrate the Tough 2023 Christmas!

EDITOR'S NOTE

I bring Season's Greetings to all our readers. While you are enjoying the Christmas and New Year celebrations, find time to relax with our rich package of Indorama-Nigeria IMPACT Magazine.

Our Cover story is Indorama's bold step in NPK Fertilizer production. It's a major contribution to Nigeria's agricultural sector, and boosting food production in the country.

Another exciting story on our menu is the celebrating in style of Nigeria's 63rd Independence anniversary here at

Indorama-Nigeria complex. Check out who delivered the annual anniversary lecture!

We are also proud to capture the 2023 Annual General Meeting (AGM), National Conference and product Exhibition of the Manufacturers Association of Nigeria (MAN). Our Managing Director, Mr Manish Mundra was re-elected as a strategic member of the National Council. Check out the story!

We have many other stories that you would find quite interesting and lovely

including the visit of the officials of the Institute of Tropical Agriculture (IITA) to Indorama Agricultural Development Centre (IADC), Ibadan, among others.

Please relax, enjoy the contents of the magazine and end us feedback through this email: jossy.nkwocha@indorama.com.

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Indorama Celebrates Nigeria's Independence Day!

...With Public Lecture that Shows Roadmap for a Greater Nation!

As usual, Indorama-Nigeria celebrated Nigeria's 63rd Independence Anniversary in a special way, as a corporate citizen of the country! One of the major highlights of the celebration was the anniversary public lecture.

Delivering the lecture, a foremost editor and publisher, Dame Hon. Tamunoibim Mary-Gab Semenitari, former Rivers State Commissioner for Information and Strategy, under the Rotimi Amaechi administration declared that Nigeria can achieve its inherent potential if the governments at various levels can consistently embark on "people-centric social economic policies"

Her lecture was titled "Nigeria at 63: Roadmap For A Greater Nation." The event took place on Friday 29th of September 2023 at the company's sprawling Petrochemicals and Fertilizer Complex Boardroom.

The development-focused lecture highlighted several actions that can help Nigeria achieve greater heights of development if vigorously pursued and implemented by the government and the people.

She listed inclusive governance, peace and unity policies, stabilization of fiscal and monetary policy, constant and consistent power supply, deliberate economic diversification, free entry and exit of investments and quick improvements in the ease of doing business index.

Ibim, as she is fondly called, who was formerly acting Managing Director of the Niger Delta Development





Dame Semenitari presenting Indorama-Nigeria's 63rd Independence Anniversary Lecture.



Commission (NDDC) also called for facilitation of skill acquisition for the youth, ensuring manpower availability to match current population explosion, as well as reversing brain drain to brain gain.

The thought-provoking lecture discussed a bit of Nigeria's history, its present realities and issued a call to action for all stakeholders in the Nigerian project.

She commended Indorama-Nigeria for being a good corporate citizen, which honours the country where it is based, and obeys the laws of government and the community in which it operates.

"Indorama has given 7.5 percent of its equity to its host communities, the first company in Nigeria to do so. Even the Petroleum Industry Act (PIA) recommends three percent," he said.

Speaking further, she noted that the private sector must work with the public sector to deliver on critical infrastructure, set up social businesses and get involved in Corporate Philanthropy and Corporate Social Responsibility, adding that "Indorama is doing well in these areas in addition to its core business of petrochemicals and fertilizers."

The well-received lecture elicited a spontaneous applause from the appreciative audience of Indorama-Nigeria staff and management, as well as invited guests. Thereafter, Mr. A.B Rao, Technical Head of IPL presented her with a corporate souvenir.

The event which was moderated by Dr. Jossy Nkwocha, head of Corporate Communications also witnessed the presentation of

prizes to winners of Indorama Founder's Cup Football Tournament – Team Urea 1 & 2 who came first, IFL Contract Team, the defeated finalists and Services Team who came third, as well as individual award winners from the tournament. The winners of Indorama Unity Marathon relay race and the 200m Ladies race held earlier in the day were also presented with prizes.

One of the highlights of the Nigeria's Independence Day Celebration was the Walk for Health by Management executive which was meant to promote exercising as essential in healthy living.

The event ended with a rendition of Nigeria's National Anthem, photography sessions and light refreshment. It was indeed a happy Day!



By Jossy Nkwocha,
and Aikhomu Stevenson

MAN HQ Holds its 2023 AGM, Conference and Exhibition

Decries the Economic Hardship Crippling Manufacturing in the Country!

...Re-Elects Indorama-Nigeria's MD, **Manish Mundra** as a Strategic Council Member!

The 51st Annual General Meeting (AGM), National conference and 3-day Made-in-Nigeria products Exhibition of the Headquarters of the Manufacturers Association of Nigeria (MAN) was held at Oriental Hotel, Lekki Lagos from Tuesday 17th – Thursday 19th October 2023 amidst outcry from various manufacturers that the harsh economy was crippling their businesses.

National President of MAN, Otunba Francis Meshioye and His Excellency, Jean B. Bakole, the Regional Director of the United Nations Industrial Development Organisation (UNIDO) who declared the Exhibition open on the first day pleaded with the Federal Government to create an enabling environment for manufacturing to thrive.

They also called on governments and their agencies at all levels, companies and private individuals to patronize made-in-Nigeria products to grow the nation's economy -- since manufacturing

is the sector that creates jobs and contributes the most of the Gross National Product (GDP) of the country.

One of the exhibition boots visited by the MAN President and the large crowd of guests was the Indorama pavilion where Dr Surendra Srivastava, Head of Sales and Marketing of Indorama Fertilizer; Mr Sandeep Chhatwal, head of Sales of Indorama Petrochemicals; Dr Jossy Nkwocha, Head of Corporate Communications and other team members were on hand to take the distinguished guests through Indorama products on display.



Manish Mundra, MD, Indorama-Nigeria.



BELOW: MAN President, Otunba Meshioye (right) displays Indorama's Appreciation Plaque before presenting it to Indorama representatives (left), Dr. Nkwocha, Dr. Srivastava & Mr. Chhatwal.

The next day, Wednesday, 18th October 2023 witnessed the AGM of the Association where a new set of National Council members were elected or re-elected for another one year. President of MAN, Otunba Meshioye was returned as the helmsman of the Association. Mr Manish Mundra, Managing Director of Indorama-Nigeria was re-elected as a Strategic Member of the Council with the likes of Alhaji Aliko Dangote, President of Dangote Industries.

Indorama-Nigeria was also given an Appreciation Award in recognition of its contributions towards the advocacy mandate of MAN and support for the 2023 51st AGM. MAN President, Otunba Meshioye presented the Award to the representatives of the Group namely Dr

Nkwocha, Dr Srivastava and Mr Chhatwal.

On this second day, many real and potential customers, government officials, regulatory agencies as well as polymer and fertilizer stakeholders still trooped to the specially-designed pavilion of Indorama Group, making enquiries and commending Indorama's huge contributions to the economy of Nigeria through their various products.

The 3rd day, Thursday, 19th October witnessed the 3rd Adeola Odutola Lecture on the theme: "Setting the Agenda for Competitive Manufacturing Under the AfCFTA: What Nigeria needs to do!" The Guest Speaker was Dr Segun Aganga, CON, former Ministers of Finance and later Industry, Trade and



Investments as well as former Managing Director of Goldman Sachs, London.

Dr Aganga said the Federal and State governments must provide conducive business environments to allow manufacturing companies to strive and flourish, and patronize their products, otherwise the African Continental Free Trade Agreement (AfCFTA), which Nigeria is a signatory to, will become a huge threat to Nigerian manufacturing businesses. "Nigeria will be a dumping ground for imported products and sleep away many Nigerian manufacturing companies," he said.

It was a lecture that elicited a lot of reactions from members of MAN present.

A second paper was also presented by the former Minister of Industries,

Trade and Invest, Otunba Niyi Adebayo which also spoke on the need for the Government, manufacturing companies and Nigerians to be well prepared to face the competition that will come with the operation of the AfCFTA.

The 3-day event came to an end with a Presidential luncheon as everyone looks forward for a better year and ease of doing business as always promised by the Federal and State governments.

MAN was established in 1971 and was motivated by the desire to have a focal point of communication and consultation between industry, the government and public. The objectives of the Association are:

1. Provide for manufacturers all over Nigeria the means of formulating, making known and influencing general policy

in regards to industry, labour, social, legal, training and technical matters;

2. To develop and promote contribution of manufacturers to the national economy through government and otherwise, whose work may affect directly or indirectly the interests of manufacturers;
3. To encourage the manufacture of quality products through collective effort, circulation and useful information and the provision of advice;
4. To encourage the patronage of members' product by Nigerians and consumers in foreign countries; and
5. To communicate and liaise with similar organization and other bodies to accomplish the objectives of the Association and other subjects of common interest.



COVER STORY

By Dr. Jossy Nkwocha



Indorama's bold steps in NPK Fertilizer Production

It was a very cheering news and indeed a bold step that on 1st April 2023 Petchem Investment Holdings PTE, a subsidiary of Indorama Corporation, Singapore announced that it has acquired 51 percent shares in Tak Agro & Chemical Limited, Kaduna, Nigeria from Trinus Africa Limited for the production of NPK fertilizers.

"With great pleasure, we announce that effective April 1st, 2023, "Petchem Investment Holdings Pte. Limited", a subsidiary of Indorama Corporation Pte Ltd, Singapore ("Indorama") has acquired 51% shares in TAK Agro & Chemicals Limited ("TAK") Nigeria from Trinus Africa Limited."



"In addition to its Urea supplies, Indorama will now offer quality NPK fertilizers to Nigerian farmers. TAK is one of the largest blenders in Nigeria for NPK fertilizers and has 6 blending plants spread across the country."



"Indorama has been providing consistent Urea supplies to support Presidential Fertilizer Initiative (PFI) and private blenders since 2016. In addition to its Urea supplies, Indorama will now offer quality NPK fertilizers to Nigerian farmers. TAK is one of the largest blenders in Nigeria for NPK fertilizers and has 6 blending plants spread across the country."

"Indorama's acquisition of TAK will help increase NPK fertilizer consumption in the country as it did with Urea fertilizer. Indorama will leverage its production excellence to ensure that quality NPK blends are available to farmers at an affordable price."

"On behalf of Indorama, we welcome TAK's team to our family."

"This marks another important step towards Indorama's long-term commitment to the Fertilizer sector."

As stated earlier, it was really a bold step taken by Indorama-Nigeria to begin the production of N.P.K. fertilizers to compliment its Urea production. NPK fertilizer derives

its name from the three essential nutrients that it contains. They are N for nitrogen, P for phosphorus, and K for potassium. These three nutrients are needed for plant growth and overall plant health.

Since 2016, Indorama-Nigeria has built and commissioned two trains of world-class fertilizer plants that produce approximately 2.8 million metric tons of Urea per annum for the domestic market and for exports.

It is important to state that the Indorama Urea serves the needs of farmers spread across the country and for the Presidential Fertilizer Initiative (PFI), which buys Urea and sends same to almost 80 blending plants across the country to produce NPK fertilizers.

Indorama's production of NPK fertilizers is a major boost to its avowed desire to revolutionize the Agricultural sector in Nigeria, increase food production, and boost food security in the country.

Another good news is that the Indorama-TAK NPK operations has





plants in six Northern states namely: Kaduna, Kogi, Niger, Katsina, and Gomber, and they have a combined designed production capacity of 1.2 million metric tons (MT) but currently their actual production capacity is about 750,000-800,000 MT annually.

The three numbers usually found on NPK fertilizer bags refer to the percentage of Nitrogen, Phosphorus, and Potassium contained in the bag. For example, if these numbers are indicated in the bag 20-10-10 that means ratios of 20% nitrogen, 10% phosphorus, and 10% potassium.

Invariably, there are different types of NPK Fertilizers such as NPK 20:10:10, NPK 15:15:15, NPK 20:10:05+ 15 S, NPK 12:12:17, NPK 27:13:13 etc.

Indorama-TAK are set to produce all these fertilizers based on the soil and crop type. Indorama also organizes free soil analysis at their modern Indorama Soil lab at Port Harcourt, Rivers State and Agronomists are reaching farmers for appropriate recommendations.

This is another great contribution of Indorama-Nigeria to the agricultural sector and the economy of Nigeria.



Group Photograph of Indorama's NPK Fertilizer production team.

“Our NPK Production to revolutionize Nigeria’s Agricultural sector”

--- Dr S.K. Srivastava, Head of Sales, and Marketing

Indorama-Nigeria IMPACT magazine interviewed Dr Surendra Srivastava to obtain for our readers various information about the designed capacity of the NPK plants, why Indorama had to go into production of NPK fertilizers and the benefits for Nigerian farmers and the nation’s economy. Please relax and enjoy the interview:

What is the designed capacity of the NPK facility?

The six NPK plants, which are spread across the states of Kaduna, Kogi, Niger, Katsina, and Gombe, have a combined designed production capacity of 1.2 million MT, but their actual production capacity is about 750,000-800,000 MT annually.

Why was it important for Indorama to go into NPK production after making its mark in Urea production?

Indorama has gone into the production of NPKs as there was huge demand from Indorama business partners and farmers that Indorama should come in NPK business and make available quality NPK to Nigerian farmers. Farmers have requested that Indorama should provide all farming solutions.

In Nigeria, Indorama is known to produce quality Urea and ensure timely delivery to farmers at affordable prices. Our aim is to revolutionize the Nigerian agricultural sector by providing quality Agri-inputs and best possible advisory services by well-trained and highly qualified Agronomy team.

In what ways would NPK fertilizer add value to Nigeria’s Agric sector, the economy and boost food security?

NPK is a type of fertilizer that contains three primary elements like nitrogen, phosphorus, and potassium. These elements are required in large quantities for plant growth. It is one of the most used fertilizers in Nigeria and has been shown to have several benefits for the agricultural sector, economy, and food security. NPK fertilizer can help to increase crop yields by providing nutrients that are limited in the soil.

This will drive increase in food production and help to reduce food



insecurity. Nitrogen supplied from NPK will promote high vegetative growth, phosphorus is involved in good germination, root development, energy transfer, and fruit production, while potassium regulates water movement, improves disease resistance, and enhances overall plant vigour.

Educate our readers and farmers on NPK fertilizer as different from Urea?

NPK stands for Nitrogen, Phosphorus, and Potassium. It is a physical mixture fertilizer that contains these three essential major nutrients in varying proportions. The ratio of NPK in a fertilizer determines its suitability for different crops and soil types.

Urea, on the other hand, is a nitrogenous fertilizer that contains 46% elemental nitrogen (N) and no phosphorus (P) or potassium (K).

It is a low-cost fertilizer that is widely used to promote plant growth

and support the photosynthetic process of plants. Urea supplies the most limiting element (nitrogen) in Nigerian soils.

The other raw material being used for NPK fertilizer is DAP (Di Ammonium Phosphate) as source of P (Phosphorus-46 %) and N (Nitrogen- 18%), the other raw material is Granular Muriate of Potash (GMOP) that contains K (Potassium -60%) with filler like Limestone (Calcium Carbonate), Kaolin (Kaolin is a layered silicate minerals) or Dolomite (Calcium Magnesium Carbonate, ideally $\text{Ca Mg}(\text{CO}_3)_2$).

From last two years we have observed that blenders are using Ammonium Sulfate as a filler in NPK fertilizer instead of Limestone or Kaolin. The Granular Ammonium Sulfate provide (GAS) gives 21 % of Nitrogen and 24 % of Sulphur (S) useful mainly for oil seed crops.

How prepared are the Marketing and Agronomy Depts to educate the Nigerian farmers about NPK fertilizer since your teams have been engaging farmers on Urea fertilizer before now?

On educating farmers about Good Agricultural Practices (GAP), our agronomy team has concentrated. We have covered every set of procedures needed to get a bountiful crop yield from produced crops. Our Agronomy training program educates the farmers about GAP, including how to prepare the land, sow seeds, manage fertilizer, harvesting, post-harvest management, storage mechanism, and market their products.

Through the training, we have been offering complete farming solutions. Our goal is to strengthen food security and expand the Nigerian agricultural sector. Our team has become extremely informed about all

Cont'd on page 22



- 1 - **Mr. A.B. Rao**, IEPL Technical Head making his opening remarks at the HSEF Week Celebration.
- 2 - **Eugene Vile**, Chairman Planning Committee of the HSEF Week moderating the event.
- 3 - Group photograph of Indorama management and staff members with the new fire Tender.
- 4 - Winners of Excel Dashboard Competition **Uweh Bariduanen** (3rd right) and **Samindra Nath** (3rd left) flanked by Evaluation Committee, HR and Training Team members - **Debo Ajaguna** and **Angela Paul** (left) and **Orie Uduma** and **Jesam Ujong** (right).



03



04



07



08



11



12

- 5/6 - Indorama team and officials of NAC&BWC and NAFDAC during inspection visit.
 7/8/9 - Indorama personnel listening raptly to Nigeria's 63rd Independence Anniversary Lecture.
 10 - Some Indorama delegates at the CGRP Conference - **Toyin Olansebe, Bright Nwoke and Sylvester Okerefor.**
 11 - **Owate Oyor** of QAQC and others attending to visitors to the Indorama Exhibition stand.
 12 - Fire Chief **Mr. Vikas Mankar** explaining a point to Fire Chiefs of the Federal & Rivers Fire Services.

UNIPORT Conference lauds Indorama's support, wants improved fertilizer consumption in Nigeria

The University of Port Harcourt's Centre for Gas, Refining and Petrochemicals (CGRP) has commended Indorama Eleme Petrochemicals Limited (IEPL) for its consistent support over the years by being major sponsor of their conferences, and allowing their Masters' students for their industrial training.

For these reasons, the Centre at its 6th International Conference / Products Exhibition held on 20th and 21st September 2023 at Novotel Hotel and Resort, Port Harcourt presented an Appreciation plaque to the company's management and was received on behalf of the company by its delegates to the conference namely Dr Jossy Nkwocha, Mrs Toyin Olasebe, Engr Isreal Nwafor, Engr Sylvester Okoroafor and Bright Nwoke

Dr Nkwocha who is Indorama's head of Corporate Communications noted that as a "learning organization" Indorama-Nigeria is glad to partner with the University of Port Harcourt's (CGRP) in the promotion of educational research and advancement, which facilitates the socio-economic development of Nigeria in general.

Incidentally, Indorama was the sole sponsor of the Conference in 2013, and one of the main sponsors of the 2023 Conference, which has the theme: "Innovation for sustainable optimal operations of existing oil and gas assets in Nigeria."

Indorama-Nigeria also participated in the 2-day product exhibition that held alongside the conference. Indorama's stand was the main attraction as its

Petrochemicals and Fertilizer sections showcased their products which are enablers to many industries in the country as well as the farming communities, promoting economic development and food security in the country.

At the exhibition stand, Indorama-Nigeria was represented by Tunji Ajiboye, Osamudiamen Aikhomu and Mrs. Barbara Goya-Elechi of Indorama Fertilizer; Ivanhoe Miebaka and George Esem of Super Packaging; Stan Emoh of IPL marketing, and Oyor Owate of IPL Quality Control and Quality Assurance (QAQC), and Chinedum Emeana of Corporate Communications.

The highlight of the 2-day product exhibition was when Engr. Tony Ogbuigwe, the chairman of the conference and chairman of the Governing Board of CGRP led



Chinedum Emeana of Corporate Communications (left) welcomes Engr. Anthony Ogbuigwe, Chairman, CGRP board and his team to Indorama exhibition stand.



Indorama's delegates at the Conference led by Dr. Nkwocha receiving Appreciation Plaque from Chairman of the CGRP Board, Engr. Ogbuigwe



Dr. Jossy Nkwocha presenting a goodwill message on behalf of the MD of Indorama-Nigeria, Mr. Manish Mundra



Panel discussion at the CGRP Conference



Visitors to Indorama's exhibition stand

the conference team, speakers and delegates to tour the exhibition stands.

At the Indorama Stand, they were received by Chinedum Emeana who welcomed and showed them the vast array of products in the company's product basket on display, including Indorama granulated Urea, Neem-coated Urea and NPK fertilizers, different grades of polymer resins and industrial packaging sacks, explaining Indorama's continuing investments and its great socio-economic impact in Nigeria.

The chairman was particularly impressed with Indorama activities, which he expressed effusively. Moreover, he was highly impressed by the Neem-coated Urea and wanted to know more. His curiosity was assuaged by the robust explanation provided by the Fertilizer team on ground.

Indorama stand also received

a lot of visitors throughout the duration of the conference and exhibition, who came for enquiries, and to discuss possible business partnerships.

At the end, the conference made some critical recommendations for the oil and gas sector in Nigeria via a communique signed on behalf of organisers and participants by Prof. Owunari Abraham Georgewill, Vice-Chancellor, University of Port Harcourt; Engr. Anthony Ogbuigwe, Chairman, CGRP Board; Ag. Director of the Centre Dr. Akuma Oji, and Prof. Ayoade Kuye, Chairman, Central Planning Committee.

Some aspects of the 19-point recommendations of the communique include "Efforts should be made at increasing the consumption of fertilizer in Nigeria and efforts at digitizing the operation and management of

the oil and gas industry should be explored to drive the change in the downstream sector."

Others are that the Federal Government should make deliberate efforts and policy to develop local solutions to the challenges of the oil and gas sector in Nigeria, and encourage the design and fabrication of oil and gas equipment in Nigeria. "This is important because of its impact on the economy, job creation opportunities, as well as optimal and sustainable operation of the oil and gas industry," it said.

Other recommendations of the communique include the divestment of the government of some of its ownership of commercial refineries in Nigeria for a sustainable operation of the oil and gas industry in line with the NLNG model of 49% Government and 51% private sector, to ensure sustainability.

NEWS

By Jossy Nkwocha, Babara Ason and Nkafofomi Ngofa



Stan Emoh of IEPL Marketing Department welcomes MAN's President Engr. Otunba Meshioye and others to Indorama Exhibition stand.

Rivers / Bayelsa Branch of MAN Holds Highly Successful AGM / Conference / Exhibition in PH!

...IEFCL Re-elected into the Branch Council of the Association

It was indeed one of the most successful Annual General Meeting / Conference / Made-in Nigeria Products Exhibition held by the Rivers/Bayelsa Branch of the Manufactures Association of Nigeria (MAN) in recent time. Infact, National President of MAN Otunba Francis Meshioye and the Director-General, Mr Segun Ajayi-Kadiri, mni, graced the occasion for the two days!

At the election at the AGM, Indorama Eleme Fertilizer & Chemicals Limited was re-elected into the Branch Council.

It was the 39th in the series and the theme was: "Re-Igniting Industrialisation and Entrepreneurship in the South-South Region" of Nigeria. The event which was highly supported by the Rivers State Government held from 31st October to 1st

November 2023 at the Ark Event Centre, Port Harcourt.

One of the highpoints of the conference was the calibre of Guest Speakers invited to the conference to give practical perspectives to the theme of the event. They include Engr Simbi Wabote, Executive Secretary of the Nigerian Content Development and Monitoring Board (NCDMB); and Mr Kelvin Uwaibi, Managing

Director of Edo State Investment promotions Office.

Others were Dr. Chukwukelu Chukwuogo, MFR, Managing Director of Boskel Nigeria Limited;; Engr Ubani Nkaginieme, President of Total Energy Group, both from Port Harcourt; Mr Pacqueen Irabor, South-South Regional Manager of the Bank of Industry (BOI) and Pastor Imo-Abasi Jacob, Managing Director/CEO of Akwa



Morris Nimaa of Indorama Fertilizer marketing, explaining fertilizer distribution to MAN officials and other guests.



Barbara Goya-Elechi, Indorama's Agronomist in Rivers State responds to questions on fertilizer application.



Ivanhoe Miebaka of Super Packaging (right) attending to guests.



Charles Wosu of Indorama's Corporate Communication responding to visitors' queries.

Ibom Investment Corporation who addressed the conference virtually.

Their papers and submission were ex-rayed by a panel of discussants who identified various ways to re-ignite industrialisation and Entrepreneurship in the South-South Region. According to them, these include all states in the region to establish Investment Promotions Agencies in their states; collaboration of all the states in the region in power generation.

Others are building of industrial parks; creating conducive environment for investors to come into the states and support and positive relationship with manufacturing companies.

The discussants moderated by Dr. Emeka Unachukwu included Mrs. Ekama Akpan, MD of Showers Limited and former Vice President of MAN (Eastern Zone); Dr Jossy Nkwocha, Head of Corporate Communications of Indorama Eleme Petrochemicals and

Fertilizer Group; Pastor Anthony Akpan, an industrialist; Prof Silva Opuala-Charles of the Garden City Premier Business School, Port Harcourt; and representatives of the Nigerian Gas Company and the Nigerian Export Promotions Council.

About 40 manufacturing company including Indorama Petrochemicals, Indorama Fertilizer and Indorama's Super Packaging (producers of industrial sacks) exhibited their products and services. Indorama Group participation coordinated by Charles Chima Wosu of Corporate Communications included Dr Stan Emoh of Polymer marketing; Mr Nimaa Morris, Goya-Elechi Barbara of Fertilizer Marketing and Ivanhoe Miebaka of Super Packaging.

Indorama Group was commended for always participating in the conferences and exhibitions with their products. Indorama stand was a centre of attraction to participants who gained interest in the products and services.

National President of MAN Otunba Meshioye declared the exhibition open after his address. He applauded the Rivers State Government for its support towards sustaining positive relationships with manufacturing companies. He further emphasised the need for the government to harmonise taxes to reduce crudity and molestation from touts masquerading as tax officers. Otunba Meshioye assured that the national leadership would not stop fighting for the members but urged that members to fulfil their obligations such as annual subscription and filling inquiry forms for effective feedback that will help the government to know the issues of manufacturers.

The event ended with a Vote of thanks by an elated Chairman of the Rivers/ Bayelsa Branch of MAN, Elder Okuku who said he thanked God for the great success of the 2-day event. He also commended the Chairman of the AGM Committee Engr Michael Nosa Agana and his team for a job well done.



OSH Association Holds National Workshop and Membership Investiture in Abuja!

OSH Association (Occupational Safety and Health Association) is a renowned organization dedicated to promoting and ensuring safe working environments across various industries. In line with its commitment to enhancing workplace safety, the association in August 2023 organized a national workshop and membership investiture.

This is an annual event that brings together top government officials, dedicated professionals, experts, and stakeholders from the public and private sectors. The event focused on the crucial theme: "Injury prevention at the workplace", aimed at equipping professionals and organizations with knowledge and strategies

to mitigate workplace hazards effectively.

OSH Association's choice of the theme underscores the importance of prioritizing safety measures to prevent accidents, injuries, loss of Asset, damage to reputation and fatalities. By highlighting this theme, the association sought to raise awareness about the significance of implementing robust workplace safety practices and systems.

The workshop showcased strategies for hazard identification, risk assessment, employee training, and emergency preparedness, emphasizing on the prevention of workplace injuries as a collective responsibility.

The workshop, which featured a series of presentations, panel

discussions, and interactive sessions, allowed participants to exchange ideas, share best practices, and learn from experts in the field, all aimed at fostering a culture of safety and injury prevention at workplace.

Many Professionals were inducted into the Association as Members of various categories during the event. This acknowledges their commitments, achievements and contributions towards upholding high standards of OSH practices.

Engr. Obele Hamilton Nwechi Beloved from Indorama Eleme Petrochemicals Limited (IEPL) was conferred with the prestigious title of FELLOW of the OSH Association-UK. This recognition reflects his exceptional contributions and

achievements in the Practice of occupational safety and health and has proven his dedication in promoting safety practices in the company and beyond.

Recognizing the importance of employee well-being and safe workplace is very relevant in any organization. Collaborating with OSHAssociation UK enabled the Organization to connect with a diverse network of safety professionals, regulators, and industry leaders. This networking platform facilitates the sharing of knowledge and experience, unveiling the opportunity to learn from successful safety initiatives implemented by other

organizations.

OSHAssociation UK offers a range of training programmes and workshops tailored to specific industries and organizational needs and can make available these valuable resources to enhance the skills and knowledge of their workforce, empowering them to be proactive in preventing workplace injuries and losses.

Partnering with a reputable organization like OSHAssociation UK also enhanced the Organizational reputation as a safety-conscious company. This association demonstrates the company's commitment to safeguarding the well-being of its

employees, fostering trust among stakeholders, and attracting potential clients and investors.

The OSHAssociation's National OSH Workshop and Membership Investiture 2023, was a very productive event as it proved to everyone that workplace safety is crucial in any successful industry or organisation. By bringing together industry experts, stakeholders, and enthusiastic participants, the workshop aims to promote a culture of safety, share best practices, enhance knowledge and skills, and foster collaboration.



Engr. Obele Hamilton Nwechi Beloved of Indorama conferred with Fellow, OSHAssociation UK.



United Nations: My HMUN Bangalore 2023 Experience



The Harvard Model United Nations (HMUN) conference held in Bangalore, India in 2023 was a remarkable gathering of students from around the world. As a delegate representing Tunisia in the DISEC Committee, I had the privilege of addressing two crucial topics: "Weaponization of Space" and "Nuclear Proliferation and the viability of the NPT."

A Global Gathering

HMUN brought together delegates from Silver Oaks International School, Hyderabad, who represented Tunisia, Nigeria, Senegal, and neighbouring countries. This multicultural

ensemble allowed us to explore diverse perspectives, deepening our understanding of global issues.

HMUN's Essence

HMUN serves as a platform for simulating the United Nations, teaching us diplomacy, critical thinking, and problem-solving. It instils values like cooperation and compromise while educating us about pressing global concerns.

The Model UN Experience

In this simulation, we assumed ambassadorial roles, engaging in debates mirroring real UN sessions. Success relied on

research, negotiation, and effective communication. We tackled two pressing issues:

Global Concerns: Weaponization of Space and Nuclear Proliferation

Our discussions revolved around preventing the militarization of outer space and the associated risks. We emphasized the importance of international efforts to safeguard space from weapon deployment.

A Vision for Peace

Our position paper highlighted Tunisia's commitment to international agreements like the Outer Space Treaty and the Treaty on the Prohibition of Nuclear Weapons. We stressed the risks of nuclear proliferation and proposed measures to promote peace and awareness.

In conclusion, HMUN Bangalore 2023 was an enriching experience in international diplomacy. Meeting people from diverse backgrounds, exploring global issues, and honing diplomatic skills were invaluable takeaways. As we work towards a safer and more peaceful world, the lessons learned at HMUN will continue to guide us in shaping a better future for all.

Cont'd from page 13

"Our NPK Production to revolutionize Nigeria's Agricultural sector" --- Dr S.K. Srivastava, Head of Sales, and Marketing

facets of agriculture because of this strategy, and they are now prepared for deployments to instruct farmers about the correct rate, time, source, and location to apply NPK fertilizers.

What is the estimated market for NPK fertilizer in Nigeria?

The market size of NPK depends on various factors like cropping

season, farmers' affordability, timely availability finished products and raw materials (as Raw materials like DAP, MOP, Ammonium Sulfate) procurement is depending upon NSIA (Nigeria Sovereign Investment Authority) who's responsible for importation, storage and allocating the raw materials to blenders as per their requirement and blending capacity.

But there is change in the importation process as per new policy, where CBN has removed the ban on importation of many items including Fertilizer. Under normal condition the estimated market size of NPK in Nigeria is 750-800kt annually in both the Nigerian farming seasons (wet and dry).

HSEF Week: Indorama Gives Prizes to Competition Winners, Launches High-Tech Fire Tender !

The Management of Indorama-Nigeria on Tuesday 21st November 2023 held its Safety Week celebration and distributed various prizes to winners in the Health, Safety, Environment and Fire (HSEF) Week competitions held between October 23rd to October 29th 2023 to promote safety awareness and compliance among all personnel and associates of the company.

The event was anchored by Dr. Eugene Viele, the Chairman of HSEF Week Planning Committee.

According to Mr. Pradeep Pawar, head of Safety at Indorama Eleme Petrochemicals Limited

(IEPL), the HSEF Week was centred around the International Labour Organization's (ILO) theme of Year 2023 thus: "A Safe and Healthy Working Environment is a Fundamental Principle and Right at Work."

Throughout the week, 1,553 participants engaged in 12 contests to test their knowledge of safety procedures and regulations. These include First Aid and CPR Competition, Live Fire Fighting, Use of Fire extinguisher, HSEF Speech competition and SCBA Donning Competition, Slogan competition and HSEF Quiz competition, among others.

The HSEF Quiz competition recorded the highest numbers of contestants with 665 persons participating.

At the prize distribution event, Mr. A.B. Rao, Technical Head of IEPL, said the company prioritizes the safety of its staff and other stakeholders. He thanked all those who took part in the several competitions and congratulated the winners.

One of the highlights of the HSEF event was when Mr. Rao commissioned a newly acquired high-tech Fire Tender for the Fire Department of Indorama-Nigeria.



“Indorama is Strict with Scheduled Chemicals” – Management Assures NAC&BWC!

The Management of Indorama-Nigeria has once again reiterated that the company is very strict in its application of all regulations concerning all scheduled chemicals used in its production process.

Mr Manoj Chaturvedi, head of Indorama Fertilizer Urea section made this declaration on Thursday 16th November 2023, in his closing remarks after the team from the National Authority on Chemical and Biological Weapons Conventions (NAC&BWC), Abuja had finished with inspection of documentation of importation and usage of the

chemicals in the company. The team were in Port Harcourt in connection with NAC&BWC's bi-annual inspection visits to chemical industries across the country that that import scheduled chemicals for their production processes.

Mr Manoj who represented Indorama's top Management stressed that for the company, it is important to maintain security of the chemicals, ensuring that they are only deployed for the purposes for which they were imported.

Earlier, Dr. Jossy Nkwocha, head of Communications and other

senior executives of the company had welcomed the two-man team, which included Mr Adetun Adesina (Team lead) and Mr Agada Gabriel as well as Mrs Gloria Dick-Williams of the National Agency for Food and Drug Administration and Control (NAFDAC).

According to NAC&BWC, the Declaration exercise visit is in fulfilment of Nigeria's obligations to the Organization for the Prohibition of Chemical Weapons and it covers the inspection of chemicals imported into the country between the period of July 2022 and June 2023.



Mr. Tosin Adelumo (left) going through chemicals storage documentation with NAC&BWC officials.



Group photograph of NAC&BWC and Indorama teams after the inspection.

After the entire inspection, Mr. Adesina expressed happiness that Indorama was noted for its total compliance with the regulations of NAC&BWC.

He also commended Indorama for continually improving on safety and security measures in the handling of the chemicals, noting that such high level of compliance accounted for the reason NAC&BWC sent a letter of commendation to Indorama-Nigeria recently.

Other Indorama personnel who received the NAC&BWC team include Jayaraman Pichai, head of Materials Management Department (MMD); Tosin Adelumo also of MMD; Israel Nwafor of Polyethylene Plant; Suvajit Roy Chowdhury of the Feed Conditioning Unit (FCU), and Joseph Ngito of Fertilizer Safety.

Others were Ravi Kumar Gupta of Ammonia plant; Charles Eluwa of Technical Services and Chinedum Emeana of Corporate Communications, among others.

INTERVIEWS

By Nkafofomi Ngofa

How We Intend to Celebrate the Tough 2023 Christmas!



Lucky



Stella



Marvelous



Richard



Blessing



Favour

I would cut down my budget for the Christmas! – Dr Lucky Okolo PET laboratory

The economy is quite tough. Things are very expensive. Indeed, there is much hardship in the country. So I will spend according to my financial capability. I usually spend time with my family in Port Harcourt.

I don't travel much because of the insecurity and bad road in the country. Now, considering the bad economy, which is not getting any better, I would cut down my budget to avoid spending above my income.

I will make the best of the festive season – Blessing Atasie, Industrial Trainee, Feed Conditioning Unit (FCU)

I would try to create fun for myself, friends and family, rather than spending the little money I have. I would explore free or low cost local attractions like going to museums. I would also try some Do it Yourself (DIY) gift exchange with my family and friends.

I usually don't travel during the festive celebration. I would be mindful of my budget and focusing on creating meaningful experiences and memories rather than spending a lot of money.

It's all about making the most of the festive season without breaking the bank. My wish is love, peace and happiness for myself and loved ones.

This year's Christmas Celebration would be tough -- Stella Enyiogu, Industrial Trainee, QAQC Department

I plan to spend the Christmas and New Year celebrations in Port Harcourt with my parents and other family members in an austere way. There is no money in town and things are very expensive. Due to the high cost of everything, we won't be travelling though I don't usually travel much during Christmas celebrations.

This year's Christmas celebration would be very tough for many families. I have already been saving up for this Christmas and New Year. I did weekly contribution for food items which is for one year. By December you carry various food items. I wish that Nigeria would have good government come 2024.

I want to be able to assist my parents from my little earnings – Richard Anga, Information Technology Department

I intend to spend the Christmas and New Year celebrations with my family. It true that there is high prices of everything. I spend most of my Christmas with my grandparents in the village. This time I want to be more independent.

My parents have tried so much for us. As an Industrial trainee here in Indorama, I want to be able to assist from time to time from my little earnings. I wish my parents and

entire family a happy Christmas and a prosperous new year!

My personal wish is to visit the motherless babies home with gifts this Christmas! – Marvelous Benjamin, industrial trainee, Commercial Department.

Due to the high cost of things in the country at this time, we will do as much as we can but not extravagant. I will be celebrating the Christmas with my family here in Port Harcourt. We usually extend the celebration to our neighbors and friends.

For the new year, I will be going back to school. As a family, we usually travel to either my maternal or paternal side for the festive celebration. For finances, I have a savings plan that will mature this Christmas. My personal wish is to get a new laptop and be able to visit the motherless babies home with gifts.

I intend spending the Christmas with my family and friends indoors --- Favour Aderibigbe, industrial Trainee, Medical Department

I intend spending Christmas with my family and friends indoors because of the high cost of things in the country. I do travel during the festive season because I consider it a time to bond with my family that I have been away from for most of the year. I definitely would spend less to avoid unnecessary cost.

RETIREMENT

By Charles Wosu



Mr. Felix Alo (middle), with his daughter, (both in white) flanked by friends and colleagues.

PP Plant Sends-forth Felix Alo After Years of Meritorious Services!

On Thursday, 5th October 2023, bosses, colleagues, friends and associates of Polypropylene (PP) Plant gathered to celebrate their own - Mr. Felix Alo who took a bow after over 17 years of meritorious services to Indorama Eleme Petrochemicals Limited (IEPL).

Dr. Eugene Viele who moderated the event warmly welcomed everyone and remarked that the celebrant was a dedicated worker who never compromised his assigned jobs. He stated that Mr. Alo would be greatly missed.

He then called for free speeches.

Mr. Uwuigbe Vincent of PP Mechanical who took the lead commented on the celebrant's resilience and dedication on the job, stressing that he would be greatly missed. On his part, Mr. Sunny Okon of PP Electrical enumerated the personal and family relationships that existed between him and the celebrant.

Mr. Oboigbe Emmanuel of PP Instrumentation said he lacked words to express how the celebrant would be missed. Also, Mr. Ansari Siraje

Alam of PP Instrumentation noted the friendly, co-operative and cheerful dispositions of Mr. Alo. He wished him a happy retirement life.

Mr. Onuoha Charles, Plant Shift Superintendent (PSS) lauded the courage and total commitment of Mr. Alo who he closely worked with at the department before his transfer to the PSS Office. He therefore craved the indulgence of all to emulate the virtues of the celebrant.

Mr. Aiyede Shegun of PP Process described Mr. Alo whom he had known and closely related with for over two decades as an epitome of hard work, inspiration, unwavering determination and a cherished companion. Finally, he congratulated him on his well-deserved retirement.

Ms. Toyin Alo, the daughter of the celebrant with joy enumerated the lovely dispositions, academic and moral mentoring of her father.

Mr. Patel P.K. expressed the nice qualities of the celebrant and wished him a very good retirement life.

Mr. Dinesh Bhakat, the Head of Department recalled the immense contributions of the celebrant including the operational needs of

the department. He remarked that the sacrifices and commitments of the celebrant would never be forgotten. He wished him well as he retires from Indorama- Nigeria.

Mr. Charles Wosu of Corporate Communications added his voice, describing his cordial relationships with the celebrant in the course of his responsibilities as PSS and other private life. He therefore adjudged Mr. Alo as a fine gentleman and lovely person.

In his response, the celebrant appreciated the honour done him by all and sundry. He stressed that his workaholic lifestyle which some persons misunderstood, was inherited from his father. He went down memory lane of his personal and work relationships with most personalities at the event.

Furthermore, Mr. Alo thanked God who gave him the employment opportunity and good health to meritoriously serve the company.

Presentation of gift items to the celebrant, toast, merriment, and photographs followed the event. It was a moment of joy as all participants at the event chanted "for he's a jolly fellow".

SOCIALS



01



02



03



04

01 - Winners of the Indorama Excel Dashboard competition, **Uweh Bariduanen** of Traning Dept. and **Samindra Nath** of FCU.

02 - Indorama personel at the 6th International Mid/Downstream Oil & Gas Conference of the University of Port Harcourt.

04 & 05 - The mother of **Justice Dan-Nsiegbie** of Admin Dept, **Madam P.B.D. Nsiegbie** on her 90th birthday celebration on 15th October 2023 at St Thomas Anglican Church, Diobu, Port Harcourt.

A POEM

THE SCHOOL MAGAZINE



Akinfolarin Eniafe, 12 years old, SS1 Student.

In the school magazine warm embrace,
Fun and knowledge interlace,
In its pages, tales we chase,
Treasure trove, we eagerly trace.

Within its covers, school's grand tale,
Cool glory, it sets to sail,
Proud stories, our voices hail,
In its realm, wisdom's unveiled.

Some might deem it just a game,
Soon they'll see its true aim,
In these pages, minds aflame,
Wisdom sparks in the magazine's name.

The school's vast encyclopedia,

For those who read, it's panacea,
Fools ignore, but they'll see later,
In its grasp, thoughts become greater.

Freedom to dream, to soar high,
In these words, we amplify,
Visions formed, hearts ascend the sky,
In this magazine, we unify.

So let's embrace our school's magazine,
In these pages, life's vibrant scene,
With bright knowledge, we intervene,
For high school minds, a cherished dream.

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