



Agric minister visits Indorama's Trains 1 & 2 Fertilizer plants

INDORAMA - NIGERIA

IMPACT

In House Magazine Of INDORAMA - Nigeria Group
www.indoramaeleme.com www.indoramafertilizers.com

ISSN NO: 2449 - 0697 • June 2021



Indorama's New Fertilizer Plant

- Company now produces 3 million metric tonnes of Urea per annum.
- Huge Impact on Nigeria's Economy.
- Plus MD's and CEO's Interviews

FG Honours Indorama
for Excellent Safety &
Health @ Workplace

Impact of indorama's
agronomy services
in Benue and Taraba
States

SPECIAL REPORT

How Indorama Provides
farmers with gum boots
to prevent SNAKE BITES!

Message from the Managing Director



Dear friends and colleagues, we moved into the 2nd half of the year with excitement. Indeed, we have cause to rejoice. The 2nd Train of our world-class Urea plant here in our Petrochemicals complex, Eleme, was completed and commissioned in May this year.

When the foundation stone was laid in July 2018, we projected that the plant would be completed in 36 months. Then Corona virus pandemic struck and crippled almost everything. But, we at Indorama remained resilient to achieve our target. We are so proud of our Team-Nigeria that made it possible!

On Friday, 28th May, 2021, the Hon. Minister of Agriculture and Rural Development, Alhaji Muhammad Sabo Nanono visited both the Train 1 & 2 plants and was quite excited at the digital control room of the

new plant and the massive state-of-the-art ammonia and Urea plants.

Our Corporate Communications team has captured this milestone in this edition of Impact magazine.

I sincerely want to thank our team members, our construction partners -- Daewoo and Toyo of Japan, our financial partners, the host communities, regulatory authorities, among others for your support and cooperation.

My sincere wish is that the rest of the year will be good in terms of economic stability, especially in the steady supply of our feedstock, which is natural gas and the volatility of inflation. As a team, we will always win.

MANISH MUNDRA
Managing Director



Feedback LETTERS TO THE EDITOR

“How Indorama is helping Nigeria to fight COVID – 19”

I am directed to acknowledge receipt of your publication IMPACT Magazine current edition: “How Indorama is helping Nigeria to fight COVID – 19”. The Federal Ministry of Agriculture and Rural Development appreciates your effort to put the publications together to advance the socio-economic values in the economy, hence the publication will be added to the library as a treasured and valued publication. Please, accept always the assurances of the Hon. Minister's warm regards.

Engr M.O Akeju

SA to the Hon. Minister of State for Agriculture and Rural Development

“How Indorama is helping Nigeria to fight COVID – 19”

I am directed to acknowledge the receipt of a copy of March 2021 edition of your company magazine on “How Indorama is helping Nigeria to fight COVID – 19”. We appreciate the quality of the magazine and the insight it has provided on the fight against the deadly virus. Please accept the assurance of the Executive Secretary's kind considerations and regards.

Joel Attah

Deputy Director,
Strategic Communication
For: Executive Secretary/CEO
Nigerian Investment Promotion Commission

“How Indorama is helping Nigeria to fight COVID – 19”

With reference to your letter forwarding a copy of IMPACT Magazine Current Edition “How Indorama is helping Nigeria to fight COVID – 19”, the magazine has duly been received. High Commissioner, H.E. Mr Abhay Thakur has asked me to convey his thanks and appreciation to M/s. Indorama on this publication.

Saurav Roy

Secretary to High Commissioner,
High Commission of India, Abuja, Nigeria

“How Indorama is helping Nigeria to fight COVID – 19”

We acknowledge receipt of a copy of the March 2021 edition of Indorama IMPACT Magazine.

We congratulate and commend you on the numerous achievements attained in the fight against the deadly pandemic COVID – 19 virus. We are particularly mindful and glad with the very robust, watertight, cordial and symbiotic relationship your company has with Rivers State Government.

Kindly accept the warmest regards of the Rivers State Government.

Sir Peter N. Medee, Phd, MNES (Amb. P)

Honourable Commissioner, Energy and Natural Resources, Rivers State

“How Indorama is helping Nigeria to fight COVID – 19”

Greetings Sir. Top of the day to you. This is to confirm receipt of the March 2021 edition of Indorama-Nigeria IMPACT Magazine sent to Mazi Sam Oluwabunwa.

Ukpai Chimezie

Personal Assistant to Mazi Sam Oluwabunwa, OFR,
MON, NPOM.

Contents



Indorama delivers Train 2 Fertilizer Plant!

... Now has capacity for 3 million metric tonnes of Urea per annum! **8**



Train 2 Fertilizer:
"Indorama is a company of possibilities!" - MD **10**

"We have a culture of high quality products and customer satisfaction" - CEO, Fertilizer **11**



Agric Minister Visits Indorama Fertilizer plants **8**

FG Honours Indorama
... at World Day of Safety and Health at Work Celebration! **6**



Immigration Chief Visits Indorama, Commends the Company's Huge Investments in Nigeria! **7**



Indorama Extension Services Benefits Many Farmers in Taraba and Benue States! **19/21**

SNAKE BITES:

INDORAMA COMES TO THE RESCUE OF FARMERS IN NIGERIA!



16

Manish Mundra Managing Director, Indorama – Nigeria and CEO, Africa	Other Editorial Team Chima Charles Igwe Chinedum Emeana	<p>Published by Indorama-Nigeria Corporate Communications Department Indorama Petrochemicals Complex PMB 5151 Port Harcourt Rivers State, Phone 0815 040 3021 Email jnkwocha@indorama.com.ng</p>
Munish Jindal CEO, Indorama Fertilizer	Editorial Associate Mike Achaziem	
Jossy Nkwocha Editor-in-Chief	Editorial Advisers Pradeep Ekka A.K. Sharma Dr. S. C. Basu	



Editor's Note

Dear All,

What we have in this new edition is another rich package of the corporate activities here at Indorama-Nigeria in the second Quarter of this year. Our cover story is the completion and technical commissioning of the Train 2 Fertilizer plant designed to produce another 1.5 million metric tonnes of Urea fertilizer. Together with the Train 1 Plant, Indorama will now be producing 3 million metric tonnes of Urea fertilizer per annum. This is a great milestone in Nigeria, economically and socially.

We have two exclusive interviews with our Managing Director, Mr Manish Mundra and our Chief Executive Officer of Indorama Fertilizer, Mr Munish Jindal on this new remarkable achievement of Indorama-Nigeria. They are hot and refreshing.

The Hon. Ministry of Agriculture and Rural Development, Alhaji Muhammad Sabo Nanono visited the new plant recently and commended Indorama for a job well done. All these are captured very well in this issue of our magazine.

We also have a Special Report on how Gum Boots provided to farmers by Indorama agronomists are helping to prevent snake and scorpion bites, especially in the Northern part of the country. The farmers are quite happy because it is helping them to do more farming activities and produce more food.

Several other stories and articles are also contained in this edition. The Federal Ministry of Labour and Employment honoured Indorama-Nigeria for excellent safety and health at the workplace. The Controller of the Rivers State Command of the Nigerian Immigration Service (NIS) also visited Indorama Complex and commended the Company for its huge investment in Nigeria.

We also have an article on Gas Cylinder safety. Everyone needs to read the story to keep safe!

Please relax and enjoy the magazine and send us your feedback to jnkwocha@indorama.com.ng.

Dr Jossy Nkwocha, FNIPR
Head of Corporate Communications & Special Adviser to the Managing Director.

Agric Minister Visits Indorama

... Commends the Company for its Strategic Role in Fertilizer Production!



Hon. Minister of Agriculture and Rural Development, Alhaji Muhammed Sabo Nanono (1st, left) addressing Management executives of Indorama-Nigeria at the company Boardroom during his recent visit to the Company while members of his entourage watch.

Nigeria's Minister of Agriculture and Rural Development, Alhaji Muhammad Sabo Nanono visited Indorama's two world-class fertilizer plants for the first time on Friday, 28th, May 2021.

After listening to a detailed presentation by the Chief Executive Officer (CEO), Mr Munish Jindal (who joined through video conference) highlighting various milestones of Indorama fertilizers and undertaking a working tour of the plants, the Minister said he was

highly impressed with the operations of the company and its environmental sustainability.

The Minister of Agriculture described Indorama Eleme Fertilizer and Chemicals Limited (IEFCL), as a strategic partner in the national agricultural sector, especially in the supply of fertilizers to farmers across the country numbering about 32 million.

He commended Indorama for its massive supply of Urea fertilizers

to over 70% of Nigerian farmers as well as to the Presidential Fertilizer Initiative (PFI), which the blending plants across the country, use in the production of NPK fertilizers at low cost to farmers.

"Indorama is Nigeria, and Nigeria is Indorama", the Minister said, stressing that the company is deeply embedded in the agricultural transformation agenda of the Buhari Administration; and the nation's economic development in general.



Mr. Munish Jindal, CEO of IEFCL

Alhaji Nanono also commended Indorama for going beyond the sale of Urea fertilizer to farmers to engaging in extensive Agronomy and Agricultural Extension Services and other laudable Corporate Social Responsibility (CSR) across

the country thereby improving the quality of lives of the rural people.

The minister who was accompanied on the working visit by his Directors and Special Advisers took a guided tour of different sections of the Trains 1 and 2 fertilizer plants including the state-of-the art Control Room of Train 2 Fertilizer plant; the Ammonia Plants, Urea plants, Power plants and the bagging section.

His entourage included Engr. Tunde Bello, Director (Farm input Services Department); Mrs K. I Babangida, Director (FDA); Alh. Sabo Yahaya, Special Adviser to the Hon. Minister (HMA); Mr Raji H. B., Deputy Director (R&T); Mr Adamu Munir, Technical Adviser to the Hon. Minister (DFDA); Mr Ishiaku Buba (Assistant Director (FISS); Mr Ikemefuna Ezeaja, Chief Information Officer; Sidi Salisu, Protocol officer; among others.

Speaking after the tour, the Minister said he was quite impressed with Indorama for its excellent environment, production capacity and creating employment and business opportunities for Nigerian graduates, artisans, and entrepreneurs.

Indorama's two fertilizer plants have capacity for 3 million metric tonnes of Urea fertilizer per annum.

Earlier, Mr. Munish Jindal, CEO of Indorama-Fertilizer and other top Management executives of the company had welcomed the Minister and his entourage to the Indorama complex. The CEO, Mr Munish Jindal assured the Minister that the Company would



A young Indorama process Engineer explains a point to the Hon. Minister at the fertilizer Train 2 Control Room.

continue to do its best to ensure that Urea fertilizer is available to all farmers across the country as well as achieving its vision of building the largest petrochemicals and fertilizer hub of Africa in Nigeria.

Others who joined the meeting were Mr. A.B Rao, Technical Head, Indorama petrochemicals; Mr PJS

Bajwa, Head of Operations, Indorama fertilizer; Dr Jossy Nkwocha, Head of Corporate Communications; Dr S.K Srivastava, Head of Fertilizer Sales and Marketing; Mr Balaji Rao, head of Safety of the Fertilizer plant; Mr Swapan . K. Das, of Technical Department of the Train 1 Fertilizer plant; Shiva More, from Security Department; Bashir Mohammed, Safety Officer; among others.



Group photograph of the Hon Minister and his entourage and Management executive of Indorama-Nigeria taken at the new Train 2 Fertilizer plant

The Federal Ministry of Labour and Employment (FML&E), South-South Zone, one of the regulatory agencies that supervise the operations of Indorama-Nigeria marked the “2021 World Day for Safety and Health at Work” on Wednesday, 28th April in Port Harcourt, with lectures and an Award for Indorama Eleme Petrochemicals Limited (IEPL) and a few other organisations.

The theme of the celebration held at the Federal Secretariat Complex, Aba-Road was: Anticipate, Prepare and Respond to the Crisis – Invest Now in Resilient OSH system”.

The Award, which was presented to Indorama in collaboration with the National Industrial Safety Council of Nigeria (NISCN), was in recognition of Indorama’s “Excellent Workplace Safety Performance and Labour Compliance” and was received on behalf of the company by the Head of Corporate Communications, Dr Jossy Nkwocha.

In delivering Indorama’s goodwill message at the event, Dr Nkwocha said that Indorama considers occupational health and safety as a priority. He informed the audience that Indorama has long obtained OHSAS 18001 and has now migrated to the newest ISO 45001: 2018.

The address of the Hon. Minister of State for Labour and Employment, Mr Festus Keyamo, SAN, was read on his behalf by the Zonal Director, Mr Ehigbai Iziren. He emphasized on the Revised National Policy on Occupational Safety and

FG Honours Indorama ... at World Day of Safety and Health at Work Celebration!



Zonal Director Mr. Ehigbai Iziren presents Indorama’s Award to its representative Dr. Jossy Nkwocha

Health 2020, which ensures that all workers are safe and healthy at their workplace across the country.

Two lectures were delivered at the event. The first had the same title as the theme of the celebration, delivered by Dr Chinedu Barbara Nwadiraru of the University of Port

Harcourt Teaching Hospital (UPTH), while the second “Emerging security management Trend” was delivered by Mr Chidike Ben, principal consultant at Effective Consult & Management Development Limited. Their lectures were quite interesting.

The occasion was well

attended by various stakeholders including heads of security and para-military agencies, leaders of various labour unions, representatives of companies, as well as the Chairman of NISCN (Rivers State), Mr Stanley Ologun.

Three persons represented Indorama at the event namely Mr Mohammed Bashir of Safety Section; Mrs Toyin Olanseinde of Environment Section and Dr Jossy Nkwocha of Corporate Communications Department.

Mr Simon Ononyaba, the Chief Factory Inspector who anchored the programme said the event was a huge success considering the caliber of persons who graced the occasion and the awards given to deserving organizations.



Chief Factory Inspector, Mr. Simon Ononyaba, (right), Mrs. Toyin Olanseinde, Dr Nkwocha, (3rd left) Mr. Bashir Mohammed (left) and two other staff of the Ministry of labour and employment .

Immigration Chief Visits Indorama, Commends the Company's Huge Investments in Nigeria!

Comptroller of Immigration, Rivers State Command of the Nigerian Immigration Service (NIS), Mr. Dayo Idowu Oni, has commended Indorama-Nigeria for its huge investments in Nigeria.

According to him, one of its main functions is to professionally interface with investors arriving into the country or operating in the country, in a way that encourages them to invest in the country.

The Comptroller said this when he paid a working visit to Indorama Complex on Friday, 11th June 2021, with his management team. He explained that one of the ways that the agency has devised to achieve its objectives is the instituting of visa-on-arrival policy "to simplify entry for our

development partners and facilitate greater investments."

He was accompanied on the visit by PA Adache (DCI), OO Oniha (SI), Special Assistant to the Controller, Zakari Garba (ASI), Personal Assistant to the Comptroller, John Olima (CIA) and the Public Relations officer of the Command, CC Nwosu (ASI).

The immigration chief who said he assumed office 7th April, 2021, stated that he chose Indorama as the first company he is visiting because of good collaboration between both parties. "We are partners in progress, we both need each other," he said, adding that he has come to enhance the already existing relationship.

Earlier, Indorama's Head of Function, Human

Resources (HR), Mr. Pradeep Ekka, who led the company's Management team to welcome the guests made a presentation which highlighted the company's massive investments, which contribute \$3.2 billion annually to the country's Gross Domestic Product (GDP).

The presentation also drew the attention of the guests to Indorama's unique shareholding structure which include the Federal Government, Rivers State Government, Host communities and the Nigerian employees. "We engage in massive Corporate Social Responsibility intervention projects in our host communities," he said.

The immigration team was thereafter taken on a guided tour of Indorama's

Petrochemicals and fertilizer plants led by Engr. Charles Igwe, Plant Shift Superintendent (PSS); and Engr. Luke Eze of Olefins plant.

The visitors saw the Olefins plant, the Train 1 and 2 Fertilizer plants, the power plant which generates electricity for the entire operations, the Polypropylene and Polyethylene plants; Bagging Warehouse and the PET plant.

After the tour, Mr. Oni appreciated the company's contributions to the industrial, economic and social development of the country and its admirable relation with its host communities.

Other members of Indorama team who received the guests include Dr. Jossy Nkwocha, head of Corporate Communications; Jite Orimion, Eva Onyebuoha, Debo Ajaguna, Ori Uduma – all of HR Department; Charles Igwe and Eze Luke as well as Bashir Mohammed of Safety Department and Chinedum Emeana of Corporate Communications.



Group photograph during the visit of the NIS Comptroller, Mr. Dayo Oni (6th from left) and his entourage with Mr. Pradeep Ekka, HOF-HR (7th from right) and other Indorama Staff.



Night view of Indorama fertilizer plant

Indorama delivers Train 2 Fertilizer Plant! ... Now has capacity for 3 million metric tonnes of Urea per annum!

On Saturday, 7th July 2018, the then Senate President, Dr. Abubakar Bukola Saraki laid the foundation for the construction of Indorama's Train 2 Fertilizer Plant, in company of Governor Nyesom Wike of Rivers State.

On that occasion, Mr Manish Mundra, the Managing Director of Indorama-Nigeria stated that the Train 2 fertilizer plant will replicate the existing Train 1 Plant and bring Indorama's total Urea production capacity to 3 million metric tonnes per annum.

More importantly, he projected that the new plant will become operational by 2nd Quarter of 2021.

But Covid-19 pandemic struck, crippling socio-economic activities worldwide. However, despite the pandemic, Indorama completed

the plant on schedule.

According to the Vice Chairman of Indorama Corporation, Mr Amit Lohia: "In May 2021, Team Nigeria completed a flawless commissioning of the Fertilizer Line 2 Project, including the Guaranteed Test Run.

This is an incredible accomplishment – the project has been completed on schedule and budget despite the multifold challenges caused by Covid-19.

"It's a very proud moment for the whole Group. Our heart-felt congratulations to the



entire Project Team in Nigeria. The plant is currently operating at 100% capacity. Our total ammonia capacity is 1.6 million tonnes per annum and Urea capacity is almost 3 million tonnes per annum now.”

To manage the Covid-19 pandemic, the management of Indorama swiftly swung into action setting up two state-of-the-art molecular laboratories and Isolation Centres accredited by Nigeria Centre for Disease Control (NCDC).

The management also started testing all its employees and associates every 10 days for Covid-19. Anyone who test positive was isolated and properly treated.

Mr. Anand Gupta, New Project Coordinator explained that despite resumption of work following the pandemic-induced shutdown, the company faced challenges of bringing in materials from abroad because of restriction of ship movement around the world due to the pandemic, but devised strategies that brought the materials to Nigeria.

He added: “When we get to pre-commissioning and commissioning stages we adopted various new methods, new procedures and new processes despite the challenges posed by

the pandemic. We learnt a lot of lessons from the Train 1 we have already commissioned.”

Speaking further, he noted that Indorama achieved a huge safety milestone of 19.6 million man-hours without Lost Time Injury (LTI) from construction to commissioning.



Train 2 Fertilizer: "Indorama is a company of possibilities!" - MD

Mr Manish Mundra, Managing Director of Indorama-Nigeria, in this interview, felicitates with the company's partners and staff for their resilience and determination that ensured the Train 2 fertilizer plant is completed at the set time despite the challenges of the COVID - 19 pandemic.

On 7th July 2018, the then Senate

President, Dr. Abubakar Bukola Saraki laid the foundation of Train 2 of Indorama Fertilizer Plant. It was projected to be completed in June 2021. In spite of COVID-19 pandemic, Indorama was able to meet the target, how was this possible?

Thank you very much. Indorama is a company of possibilities. We don't allow challenges to derail our plans and targets. Our team was determined to meet the target despite all odds and they met the target with the active support of our Chairman, Mr S,P Lohia, and our Vice Chairman, Mr Amit Lohia. Our company invested heavily in establishing two molecular laboratories, two isolation centres

and testing facilities to ensure that our critical workforce were protected from danger.

I sincerely congratulate all our team members who were involved in the manpower deployment, equipment procurement, construction and commissioning processes, medical team, etc. As usual, we win as a team!

Indorama now is designed to produce 3 million metric tonnes of Urea per annum. What message do you have for the over 32 million farmers in Nigeria and the government of Nigeria.

I can assure our farmers across the 36 states of the Federation that our marketing and agronomy teams will ensure that our Urea fertilizer gets to the last



mile farmer as we have done in the past four years. We will serve them with greater diligence and delight.

We also assure the Government that we will continue to boost food production across the country, reduce high cost of food items and fight food insecurity and hunger.

How do you feel sir that Indorama has achieved another milestone by completing this brand new Train 2 Fertilizer

Plant?

I feel quite elated. I congratulate our team Nigeria. I congratulate and appreciate our financial partners, technical partners and our construction contractors, Daewoo and Toyo of Japan for a job well done. We will not relent in pursuing our goal of building the largest petrochemicals and fertilizer hub of Africa in Nigeria.

"Indorama is a company of possibilities. We don't allow challenges to derail our plans and targets.

"

“We have a culture of high quality products and customer satisfaction”

— CEO, Indorama-Fertilizer



“In this interview, Mr. Munish Jindal, CEO of Indorama-Fertilizer highlights the economic and social benefits of Indorama's brand new fertilizer plant to government and people of Nigeria.

economy of Nigeria and the well-being of the people?

From my answer to your first question above, you can fathom out the huge economic potential of our Train 2 Fertilizer plant. These include more gas utilization, fertilizers for Nigerian farmers; more food production, more prosperity among rural farmers, more exports of fertilizers, more employment opportunities for Nigerians, and a boost on the nation's Gross Domestic Product (GDP).

We will also supply more Urea fertilizer to the Presidential Fertilizer Initiative (PFI), which they give to the over 17 blending plants across the country to produce NPK fertilizers. Both the economic and social benefits to Nigeria and Nigerians are intertwined. The social wellbeing of Nigerians would surely improve.

Completing the 2nd Train of the fertilizer plant is like magic considering the fact that the whole of last year was ravaged

...Continued on page 12

What informed a second fertilizer plant few years after the 1st Train was commissioned by the then Acting President in 2017 Prof. Yemi Osinbajo?

As a company, our business decisions are usually based on our analysis of the costs and benefits, on critical economic imperatives, on global business trends, among others. The reason for going for the Train 1 Fertilizer was the same reason we went for the 2nd train.

And the reasons are simple: firstly, Nigerian farmers needed quality fertilizers to boost food production and the Government expended humongous foreign exchange to import fertilizers. And most of those fertilizers were said to be low quality, substandard fertilizers.

So, our analysis showed that there was huge

market potential for fertilizers in Nigeria. And we set out to bridge the gap --- supply high quality fertilizers, help farmers to increase food production and help the Government's policy of import substitution.

Secondly, we also found that there is abundant gas resources in the Niger Delta, enough to supply feedstock for a fertilizer plant. And with a shining reputation with our financial partners such as the International Finance Corporation and other Nigerian lenders we raised the needed capital.

So in 2013, we commenced the construction of the 1st Train, designed to produce 1.5 million Metric Tonnes of Urea per annum. It turned out a world-class facility and the world's largest Urea plant.

Our 2nd Train fertilizer plant is a replication of the 1st Train, which gives us another 1.5 MMT per annum. More farmers have now increased their use of fertilizers as a result of the massive free agronomy/extension services offered by Indorama, which has led to increased food production. Nigeria further needs more fertilizers to fight food insecurity.

Besides, we also export the surplus to earn foreign exchange and boost Nigeria's image as a global net exporter of fertilizers.

We have technically commissioned the 2nd plant in May 2021 and it has gone into production -- giving Indorama a total of 3 million metric tonnes per annum. This is a big milestone for Nigeria!

What are the potentials of the new plant for the

“ Truly, Nigeria has competitive advantage in the global fertilizer business... Nigeria should be able to harness its gas resources to use it to build a greater competitive advantage in the production of both fertilizers and petrochemicals. ”

by Corona Virus? How did Indorama do it?

Indorama fertilizer business was still going on skeletal basis throughout the pandemic because we needed to supply fertilizers to the farmers, who engage in wet and dry season farming. The company that was building the plant was also working but observing strictly the COVID-19 preventive protocols.

Then, when we established our own molecular lab and isolation centres, and started testing all our workers, it made it possible for critical aspects of our operations and construction to go on. None of our operations and construction workers was a victim of the pandemic.

Indeed, it is like magic that we were able to complete the construction on

schedule. That's part of the Indorama niche, our reputation for success whatever we set out to do.

What is the role of national and International Funding agencies in this new 2nd Train project?

As I explained earlier, both national and international funding agencies came to our aid, including the IFC, African Development Bank (AfDB) and some local banks. They have over the years seen our commitment and diligence in loan repayment, and our managerial capability.

How does Indorama handle competition as far as fertilizer business in Nigeria is concerned?

As far as we are concerned, we are not competing with anybody. We have said it earlier that the gas resources in Nigeria can still sustain ten more fertilizer plants; and the market is huge nationally and internationally. We are unique in our own way; and have built over the years a culture of high quality product and a philosophy of customer satisfaction and delight.

What are Nigeria's competitive advantage in the global fertilizer business.

Nigeria is indeed a blessed country with

excellent weather condition, hardworking people and abundant natural resources such as natural gas. The geographical location of Nigeria on the world map also places Nigeria at an advantage in the export of fertilizers to the nations that need them.

Truly, Nigeria has competitive advantage in the global fertilizer business, though the pricing is international in nature. Nigeria should be able to harness its gas resources to use it to build a greater competitive advantage in the production of both fertilizers and petrochemicals.

Gas feedstock has been a challenge in fertilizer production, how would Indorama offset this challenge with this new plant?

The Federal Government through the Honourable Minister of Agriculture and Rural Development as well as

the Hon. Minister of State for Petroleum Resources have promised to intervene in that area.

As I said earlier, the Government needs to harness the gas resources, which I strongly believe is the foundation of the Nigerian economic growth. Effective gas utilization, as the Hon. Minister of State for Petroleum Resources had said, is the livewire of any economy.

What message do you have for Nigeria's over 32 million farmers as the Indorama second fertilizer plant begins full production?

I bring them good news. Our Agronomy team will work harder and penetrate all the nooks and crannies of the country until we reach the last mile farmer. Our Urea fertilizers will therefore reach more farmers and create more prosperity in the rural areas of Nigeria.

“ More Nigeria farmers have tremendously increased their use of fertilizers as a result of the massive free agronomy/extension services offered by Indorama, which has led to increased food production. ”

Indorama re-elected into MAN Rivers/ Bayelsa States Branch Council



Group photograph of the newly elected and re-elected members of the Branch Council with Guest Speaker and Special Guests after the AGM of MAN recently.

Indorama-Nigeria has been re-elected into the Branch Council of Manufacturers Association of Nigeria (MAN) Rivers/Bayelsa States branch for 2021/2022 at the 37th Annual General Meeting of the body held in Port Harcourt on Thursday July 8, 2021.

Indorama's representative in the Council Dr. Jossy Nkwocha, Head of Corporate Communications and Special Adviser to the Managing Director, Mr Manish Mundra was re-elected.

Senator Adawari Michael-Pepple of Meba Farms and Agro Allied Industries Ltd was returned as branch Chairman.

Mr. Vincent Okuku of Eastern Enamelware Factory Ltd was returned as Vice Chairman while Mr. Uba Obasi of Alcon Nigeria Limited was re-elected Treasurer among others elected in the Branch Council for 2021/2022.

In his welcome address to the AGM, Sen. Michael-Pepple, decried the negative impact of the Covid-19 pandemic on the manufacturing sector, as it exposed their over-dependence on imports.

However, he noted that the pandemic, coupled with the recently signed African Continental Free Trade Area Agreement "has made it a matter of urgency for Nigeria to develop local capacity in the production of both primary and secondary industries for enhanced competitiveness and job creation"

Guest Speaker, Dr. Emi Membere Otaji, former President of Port Harcourt Chamber of Commerce and Chairman of Elshcon Group of Companies spoke on the theme "Covid-19 pandemic and survival strategies in the manufacturing sector". He stressed that the key ingredients for survival in the present business climate are not plans

and aspirations but agility and capabilities.

Representatives of Rivers and Bayelsa State Government, relevant government ministries, regulatory agencies and partners were present at the AGM.

Mr. Chinedum Emeana of Corporate Communications represented Indorama at the AGM.



Mr. Joe Ita of NEPC and Mr. Emeana of Indorama at the event.

Photomemoir



Visit of Nigeria's Agric Minister, Alhaji Muhammad Nanono: Above – Indorama team who welcomed the minister, led by Technical Head, Mr A.B Rao (3rd left). Below – The minister and his entourage at the Bagging section (left) and the Control Room.



MAN Rivers/Bayelsa States branch 2021 AGM: Above – The chairman, Senator Adawari Michael-Pepple (standing) delivers his welcome address. Below – The Guest Speaker, Dr. Emi Membere-Otaji (CEO Elshcon Group of Companies) making a presentation on the AGM theme, "Covid – 19 pandemic and survival strategies in the manufacturing sector."



"Indorama Women are great, no controversy!" says the slogan. P

Photomemoir



Photo images from the visit of the Comptroller of the Nigerian Immigration Service (NIS), Rivers State Command, MrDayoldowu Oni and his team of officers together with the Indorama executives led by Mr Pradeep Ekka, Head of Human Resources.



Photos from the International Women's Day celebration 2021 at Indorama Complex.

Occupational Health Hazard

SNAKE BITES:

INDORAMA COMES TO THE RESCUE OF FARMERS IN NIGERIA!

...Distributes 10,000 free gum boots that have saved many rural farmers and increased their farm output!!



A farmer receives gum boot from Idorama's agronomist

Rural farmers in various parts of the world are exposed to numerous occupational health hazards. In fact, the International Labour Organisation (ILO) recognizes agriculture as one of the most hazardous and risky vocations to health worldwide.

Some of the hazards include exposure to harsh weather, close contact with dangerous snakes and insects, extensive use of chemical and biological products, difficult working postures and lengthy hours.

This report focuses on a key aspect of the occupational health hazards in Nigeria, West Africa, which is small-holder farmers' exposure to poisonous snake bites, scorpion sting and cold feet during wet season farming, among others.

Some victims of snake

bites spoke to our correspondent about the ordeal they go through trying to eke out a living through farming.

Mona'ab David is a young subsistence farmer in Wili village in Kaltungo Local Government Area (LGA) of Gombe State, North-east, Nigeria. He makes his living farming in various crops during the dry and wet seasons.

However, the menace of snakes and scorpions in the area usually scared



Musa Idi bitten by snake



Poisonous snake that bites rural farmers

small holder farmers away from their fields, and usually leads them to poor health, phobia for farming, lean harvest and increased poverty in the rural communities.

In 2010, David was bitten by a snake. He almost lost his life. "The local medicine people charged me almost N50,000 for antidote of the poisonous snake venom. Throughout that period, I kept away from farming activities," he said.

Another victim of snake bite is Umaru Sule, a farmer and trainee officer for Leonard Farms Limited, which is based in Oforashi village in Igalamela LGA of Kogi State, North-central Nigeria.

"As a farmer, I cultivate Rice, Cassava and some other crops. In 2004, I was beaten by a snake called Puff Adder. I was very lucky. I was treated locally and I

recovered. Some farmers in the community die of such snake bites. According to Sule, incessant snake bites, scorpion stings and other harmful things account for loss of interest in farming in the community.

Others who have been bitten by snakes are Musa Idi and Abdulsalam Haruna both of Nasarawa village in Ganjuwa LGA of Bauchi State.

Wili, Oforashi and Nasarawa villages are not alone in this snake and scorpion scare. Many parts of Nigeria, especially the Northern parts of the country, are natural habitat of highly poisonous snakes such as Cobra, Puff Adder, Viper, etc, as well as other poisonous reptiles and insects such as scorpions, ants, leeches, mentis and bees. Others are worms, bacterial and fungal infections that attack farmers, most of who go on bare foets, particularly in rainy season.

For instance, the West African Carpet Viper also known as Ocellated carpet viper (*Echis Ocellatus*) and Kububuwa in Hausa language is a venomous snake, which stands as the most dangerous snake in



... shows the scar



Happy farmer wearing her gum boot

Nigeria.

This snake is said to accounts for 69% of snake bite-related death in Nigeria, causing over 1,450 deaths nationwide annually.

African Journal of Medicine and Medical Sciences (2010), which examined Snake bites in Nigeria noted three major snake species namely carpet viper (*Echisocellatus*), black-necked spitting cobra (*Najanigracollis*), and Puff Adder (*BitisArietans*) belonging to the Viperidae and Elapidae families are the most common snakes associated with farming environment in Nigeria. The study showed that the incidence of snake bites had been reported as 497 persons per 100,000 farming population per year with 12 percent mortality, but with *Echisocellatus* accounting for at least 66 percent in certain areas.

Majority of snake bites occur more often while farmers are doing farming operations, herding of animals or walking bare footed without personal protective equipment (PPEs) such as gum boots.

In an interview with our reporter, Dr. Shehu Abdulkadir Zailani, Head of Department of Animal

Health Technology at the Bauchi State College of Agriculture, Bauchi confirms that snakes are key impediments to farming. He recommended the use of PPEs.

Said he: "In view of incessant snake attacks, we actually advocate that farmers do wear protective materials during farming activities so that it will help them in getting away from such harmful elements, because whenever a farmer is bitten by a snake or a scorpion it takes a long time for the farmer to get back to the farm and continue with his farming activities. And in a situation where he is the only one that is carrying out the activities in the farm, the work is going to be kept on hold and at the end of the day it may actually affect the entire farming activities in the family and community".

Many farmers across the 36 states of Nigeria heaved a sigh of relief when the Management of Port Harcourt-based Indorama Eleme Fertilizer & Chemicals Limited (IEFCL), producers of Indorama granular Urea distributed 10,000 free gum boots in addition to various agronomy services such as free soil testing, proper fertilizer application, among others. Balbir Singh who holds a doctorate degree in

agronomy and head of agronomy section of IEFCL narrated thus: "We started Gum boots' distribution in 2018 with idea from our CEO, Mr Munish Jindal.

"Our major motivation was to protect our small holder farmers from snake bites and other diseases that may affect their legs and efficiency during farming operation in rainy season, as this little help (ie Gum boot) may help our farming families to protect them from the loss of their family members and expenses of medical treatment".

According to Dr Balbir, "Most snake bites happen in between the ankle and the knee or on the foot. Bearing this in mind, Indorama gum boots are made to protect the farmer fully up to his or her knee.

"Besides, the gum boots are made of sturdy plastic and their sole is very hard for snake fang penetration and prevents poisoning of the farmer's body. It has the capacity to protect farmers from snake bites, scorpion stings, stone, straw, twigs and small stems in bushes and other minor injuries." "The good news is that

not all snakes have fangs strong enough to go through rubber boots. When snakes strike and the fangs sink into their target, they don't necessarily know whether they've broken skin or pierced a boot, Gumboots are made of hard and soft plastic," Dr Balbir said.

Now, it's testimony time for farmers who have benefited from Indorama's free gum boots.

Umaru Sule who spoke earlier about his own experience with snake bite now has this to say: "Indorama Gum boot is a life saver because after I received the Gum boots distributed by Indorama Fertilizer Company, I could enter my farm freely without the fear of being bitten by any snake and so many farmers have really testified to the fact that Indorama Gum boot has really helped them a lot; I'm indeed grateful to the company for that. My advice is that they should please let the gum boot reach all other farmers in the rural areas."

Haruna Dahiru from Kadani village in Kura LGA of Kano State has his own story to tell: "My encounter with scorpion bites in my field got me really scared to go

Continued on page 18



Abdulsalam Haruna also bitten by snake

into the farm. Anytime i am entering my farm, i keep thinking of what next to encounter and this fear reduced my productivity. But ever since I got a gum booth from Indorama, I can enter my farm without fear of either snake or scorpion bite or cold feet.”

Another farmer also testifies: “My name is Sulaiman S. Awisu from Kura LGA of Kano State. I am a farmer and I cultivate large area of land. Sometime in 2018, i came across some cluster of grasses in my farm, using my leg to scatter it; a snake came out and bit me on my toe.

“Some nearby farmers came to my rescue using some traditional leaves. It was so serious.

I was barefooted, that was why the snake was able to bite me. Now that I have a gum boot from Indorama, it has really helped to protect me from such harm, and I can now do my farming without fear of snakes and scorpions.”

Ya'u Mohammed resident in Hawun Nera villa, Kankara GRA of Katsina State confesses that he has never been bitten by snake before, “but I know of farmers who have suffered severely due to snake bites.

“Before I was given free gumboots by Indorama, I don't spend much time in the farm, due to problems associated with cold feet and also fear of snakes, scorpions and insect's bites. These reduced my productivity as a dry and wet farmer. I am happy and grateful to Indorama for providing me with free gum boots.

IliyaYau of Mashigi, Kankara LGA of Katsina State has a similar story: “I am accustomed to cultivating tomato and onion during the dry season and rice during the wet season. I spend great proportion of my day

farming in water or mud and rains. “Like most Nigerian farmers that have benefited from Indorama free gum boot, the boot has saved me from problems associated with cold feet that affects blood circulation, biting insects, scorpions and snakes. This has provided me the confidence to work in the field.” Iliya said.

Mona'ab David from Wili village in Kaltungo LGA of Gombe State is now a happy man because Indorama gum boots have now made his farming risk-free: “Snake and scorpion bites are very dangerous because it kills many people and it affects our farming activities.

Nowadays, the use of gum boot has helped us a lot because it protects us from snakes as well as other reptiles on the farm and it also protect us from getting germs in stagnant water. May God bless Indorama ooo” David explains.

Dr. Zailani of the Bauchi State College of Agriculture, Bauchi has a wholesome advice for farmers on this issue: “Snake bite is really very dangerous because whenever a snake bites an individual, they do instill their venom and these venoms are of two types.

“Generally, there are those that have affinity to the blood vessel and those that affect the nervous system. There are even some snakes that have affinity of both, and a severe case of snakebite can even lead to death of a farmer if it is not properly taken care of. That is why it is advisable to teach farmers some basic first aid.

“Secondly, the most important solution is the use of PPEs like gum boots. It protects the farmer from many dangerous reptiles, cold feet fungi, etc. Thirdly, there are some plants that repel snakes. If you plant them around the farm they may help to keep the snakes away.” Dr Zailani said.

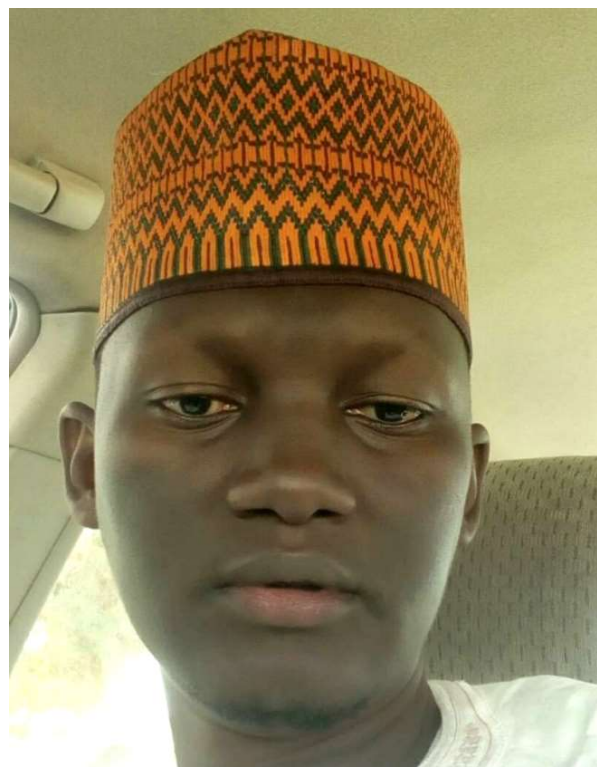


Agronomist wearing Indorama gum boot

The International Labour Organisation (ILO) has developed a new Occupational Safety and Health (OSH) code of practice in agriculture. It is intended to raise awareness of the hazards, risks and dangers associated with agriculture and promote their effective management and control; to help prevent occupational accidents and diseases. It would also improve the working environment in practice; to encourage governments, employers, workers and other stakeholders to cooperate to prevent accidents and diseases; to promote more positive attitudes and behaviour towards occupational safety and health (OSH) in agriculture.

While rural farmers in Nigeria are patiently waiting for this new ILO OHS code to permeate the agricultural sector in Nigeria, the country's rural farmers would still depend on the gestures of Indorama's free gum boots.

(With field reports from Yakubu Abdullahi, Kingsley Eze, Oluwatosin Adewale, Akinlolu Ohunakin, etc)



Dr. Zailani of the Bauchi State College of Agriculture.

Impact Of Indorama Agronomy Services On The Livelihood Of Benue Farmers!



Group photograph with Farmers at Adagi, Kwande LGA of Benue State

Benue State nicknamed “Food Basket of the Nation” is in the Middle Belt, North Central region of Nigeria. The “Food Basket” status came about because Benue is endowed with farmland where almost all crops producible in every part of Nigeria can grow.

Crops produced in Benue include: Yam, Cassava, Sweet Potatoes, Rice, Maize, Sorghum, Millet; Vegetables such as Telferia, Amaranthus, Oscinumgraticinum, Bitter leaf, Water leaf as well as Tree crops such as Oranges, Mangoes, etc. All these crops grow in the 23 Local Government Areas of the State.

Benue state is one of the beneficiaries of the free agronomy extension services of Indorama fertilizer. The services include:

Soil Sampling and Analysis
Soil sample collection and analysis are for the purpose of fertilizer recommendations (amounts and types). From

2019 till date, about 150 Soil samples have been collected, analyzed and results shared with the farmers concerned. There are testimonies of yield improvement. Visibly happy farmers always send their appreciation back to Indorama-Fertilizer agronomists as they always sue for sustained efforts in this regard. It is worthy of note that for some farmers, the idea of soil testing is heard for the first time through Indorama field agronomists, or farmers of ages 70 and above.

Group Farmers' Trainings
Group Farmers' Training programs are conducted

to educate farmers on current agriculture and agronomic best practices. Farmers are taken through Soil, Fertilizer and Crop managements. The idea of soil management is emphasized.

Soil testing is encouraged. Farmers are also trained and encouraged to use improved seeds for enhanced crop production since crop yield is a product of genetic makeup plus environment (G+E=P). They are also trained on the how, when and quantity of fertilizer to be used for enhanced crop yield.

Since 2019 till date, farmers in 45 locations across 15 LGAs have participated in Group Farmers' Training programs to help them turn around their farming fortunes. On the average, 2,900 farmers have been educated through this means.

Field Demonstrations

Field Demonstrations are carried out at the community levels to put into practice all the best farming practices we teach during Group Farmers Trainings using small plot adoption technique (SPAT). During the Demonstration, the

Continued on page 20



Participating farmers listening keenly the Indorama Benue Agronomist during a training session

Small plot becomes a converging point for farmers whenever the agronomist visits for problem sharing and solution provision.

Field Demonstration has been carried out in 14 locations in Benue State, which are areas with high visibility as enshrined in the Demo Standard Operating Procedures (DSOP) of Indorama Fertilizer.

Many farmers have given testimonies, three of them are shared here. From Gboko LGA, Mr Liam Moses who was Indorama's dry season demo farmer on Rice happily sends his warmest regards to Indorama Management for conducting demo on his farm.

Moses said that the increase in yield as a result of the activity has made him a proud owner of a plot of land in Gboko town, a feat he could not attain in the past.

From Ukum LGA, Mr David Orngu of Gyemwase village along Zaki-Biam Wukarri Road is full of gratitude to Indorama Fertilizer for the good agronomic practice in Yam tuber production, according to him, the type and frequency of fertilizer application in yam farms as specified by the Indorama Agronomist was helpful as he realizes better tubers now. This has increased his income level and standard of living consequently.

Mr James Iorkyaa of Daudu village along Makurdi-Lafia Road is also singing a sweet song as his encounter with Indorama has elevated his status in the community, because he now get increased yield.

Field days

Field Days are conducted to showcase the differences in growth and yield parameters between Indorama Fertilizer's practice and the Farmer's traditional practice with the view to convincing farmers to adopt best farming practices and innovations being taught by Indorama agronomists.

Field Visits

Field visits are inherent part of Indorama Free Agronomy Services.

Here, farmers are interacted with right on their farms and exposed to the best systems / practices of doing their farm work profitably. Farm advice are given to farmers on every side of his farming exercise right from land preparation, planting, crop protection, soil fertility management, harvesting and storage of whatever crop that is grown.

Retailers' Visits/Market Surveys

This is in line with Indorama's last mile farmer philosophy, in which farmers are reached, no matter their location. For this reason, the marketing of Indorama Urea is highly decentralized from Dealers to Retailers who are located in every single village in Benue. To ensure constant flow of product to the hinterland, retailers are visited and where they do not exist, one is introduced.

The Retailer visit is a win-win situation for the Retailers and the farmers where retailers are connected with the nearest



Agronomist Iortyer Samuel interacting with Farmers at the Fertilizer point of sales in Gboko Market, Benue State

Dealer from where they can access the fertilizer and serve the farmers profitably while farmers on the other hand are connected with the nearest retailers in their vicinity. In all, prices are monitored from dealers, retailers and the final consumers (farmers) to ensure no one is extorted along the supply chain.



Field Visit at New Bridge, Makurdi-Jos Road, South Bank of River Benue, Benue State



Field Day on Sesame conducted at Antso village, Guma LGA of Benue State



Indorama Extension Services Benefits Many Farmers in Taraba State!

By Alpha Chintem in Taraba



practice and the farmer's practice with the view to wooing farmers to adopt the innovative practices.

Indorama's extension services are in sharp contrast to the conventional Ministry of Agriculture extension system operated by the post-colonial national government as noted by agriculturists.

To achieve this comprehensive plan as designed, Indorama Fertilizer has engaged the services of agronomists in Taraba State. We have helped farmers to solve the mirage of problems that hitherto affected them.

This was recently attested to by Rice farmers in Wuro-Sembe village, Jalingo Local Government Area of Taraba State during an unscheduled visit by the Indorama Zonal (North Central) supervisor Mr. Abdulahi Yakubu.

The farmers who were visibly happy thanked Indorama for this wonderful initiative as according to them, it is only Indorama that advises them on the way to go in farming, a gesture they will forever be grateful for.

Agriculture is a very important sector of the economy of Taraba State. The colonial administration operated extension/agronomy services through its Ministry of Agriculture. This practice was however abandoned after the colonialists left.

Some of the characteristics of this system were unfavourable extension agent-farmer ratio, lack of agents' definite pattern of field movement among villages, and lack of definite plan of work and calendar of operations. Lack of mobility and poor remuneration resulting in low morale and a high rate of absenteeism were further observed.

It is in the light of the above-stated problems that Indorama Fertilizer's Extension services are timely and considered critical in enhancing agricultural productivity, especially Rice production in Taraba State.

Taraba is the third largest state in Nigeria after Niger and Borno in terms of landmass with high agricultural potentials.

The State has vast fertile land suitable for rice production during wet and dry seasons and thousands of farmers engage in rice farming, turning out thousands of tonnes of rice paddy annually.

Major areas where rice farming takes place in Taraba include Tau, Yalwan Tau, Donada, Lau, Didango, Sheka, Kambari, Amar, Gassol, Mutum Biyu, Donga, Chinkai, Ibbi, Sansani, Ibbisarkin Kudu, Bali among several other areas.

Indorama Fertilizer has come in with free and excellent Agronomy Extension services for

farmers across the State. Our Services are comprehensively designed to meet the need of the farming rural communities.

The services include: Soil sample collection and analysis for the purpose of fertilizer recommendations (amounts and types), group farmers trainings to educate farmers on the best agronomic practice as they ought to be, and field demonstrations at the community levels to put into practice all the farmers have been taught during trainings using small plot adoption technique (SPAT).

Others are field days to showcase the differences in growth and yield parameters between Indorama Fertilizer's

Happy Hour with Journalists



As they say, all work and no play makes Jack a dull boy. Same goes with professionals like journalists, doctors, accountants, engineers, etc. There is always time for fun, relaxation and leisure -- to wind down, as they say!

This time, journalists in Rivers State under the aegis of the Nigeria Union of Journalists (NUJ); the Correspondents' Chapel and the National Association of Women Journalists (NAWOJ) had their "Happy Hour" with Dr Jossy Nkwocha, Head of Corporate Communications of Indorama-Nigeria as their Special Guest.

The date was Friday, 21st May 2021 at the rebuilt Bush Bar of the Ernest Ikoli NUJ Press Centre on Moscow Road, Port

Harcourt, GRA. It was truly a happy hour ---- sweet music, joyful atmosphere, small chops, drinks, jokes and laughter.

Chairman of NUJ in Rivers State, Mr Stanley Job said the concept of "Happy Hour" was to give journalists the opportunity to have some time off their hectic work schedules to have fun, make merry and be happy. "This life is short. It cannot be work, work, work, all the time!!" he said.

It was indeed a gathering of media professionals from the newspapers, magazines, radio, television, online and the ministry of information.

Dr Nkwocha, who himself was one-time General Editor of

Newswatch magazine, Lagos, said he was happy to be with his constituency. He commended the three arms for a very good concept, "considering the hectic nature of journalism"

Both Mr Amaechi Okonkwo, Chairman of the Correspondents Chapel and Mrs Susan Serekara-Nwikhana also spoke at the occasion, especially on the need for empowerment and re-training for journalists.







News

Indorama Women Celebrate 2021 International Women's Day in Grand Style!

Female employees of Indorama Eleme Petrochemicals Limited (IEPL), dressed in their colourful uniforms, from both PENGASSAN and NUPENG, on Friday, 4th June 2021, marked the 2021 International Women's Day at the Company's premises under the theme: "Choose to Challenge!"

According to Comrade Engr Gloria Aguiyi, the Woman-In-PENGASSAN (WIP) who coordinated the event, the 2021 International Women's Day was supposed to have held on 8th March but was

deferred in Indorama as a result of work schedule.

Right from about 10am, the women matched through strategic locations in the Indorama Complex, singing their songs, shouting their slogans and generally raising awareness about the event, which was going to hold at the Indorama Recreation Centre (IRC) at 12 noon.

Their slogans included: "Women are great! (Response) No controversy!!" "No woman, No nation!"

"Our gender, Our strength!" "No Woman, no Miliki (enjoyment)!"

The event at IRC, which was anchored by Chinedum Emeana of Corporate Communications and Mrs Patricia Ezenwugo, was a gathering of representatives of Indorama Management and the Labour unions who decked the high table.

They included Dr Jossy Nkwocha -- Head of Corporate Corporations and Special Adviser to the Managing Director who was listed to give

a talk on the theme of the celebration; Mr Jite Orimiono -- Manager, Industrial Relations (IR); and Mrs Eva Onyebuoha -- Manager Human Resources.

Others were Comrade Innocent Ugwunta -- Port Harcourt Zonal Secretary of PENGASSAN; Comrade Joy Orikaoha -- PH Zonal WIP; Comrade Stella Uzoka -- National Public Relations Officer of NUPENG; Comrade Rex Orji -- IEPL Branch Chairman of PENGASSAN ; Comrade Charmi Eze -- IEPL Branch Chairman of NUPENG; and the immediate past IEPL

Continued from page....

PENGASSAN WIP, Comrade Joy Nwanosike, among others.

The women sang their Women Anthem, which encompasses their Solidarity Song that shows that strong unions need women, and the unions make employees strong. The welcome address of the IEPL PENGASSAN WIP, Comrade Gloria Aguiyi tasked the women with some questions namely: "Who is a woman?", "What is the colour of Women's Day?" "When is International Women's Day celebrated?", and "What is International Women's Day about?"

The next item on the programme was a short talk by Dr Jossy Nkwocha in which he urged the women to see their slogan as serious philosophies and not mere sloganeering. He mentioned many Nigerian women who have through their positive actions showed that strong women make a good

nation. He went further to admonish the female employees to distinguish themselves in their own areas of work so that Management can recognize their contributions to the growth of the company.

Dr Nkwocha said the theme of the celebration "Choose to challenge" is to encourage women to challenge obnoxious systems in society such as gender discrimination, domestic violence, child marriage, rape, among others. "The event should not be used for mere dancing and wearing of colourful dresses," he said.

According to him, the Managing Director of Indorama-Nigeria, Mr Manish Mundra and the Chief Executive Officer, IEFCL, Mr Munish Jindal, are quite passionate about the issue of women and have in the past four years approved the funds for the hosting of



Group photograph with Comrade Oliver Nwidaa, Secretary Indorama PENGASSAN BEC after the thanksgiving service

the International Women's Day in Indorama.

The PH Zonal WIP Comrade Joy Orikaoha spoke spiritedly on women taking their rightful place in society, without any discrimination. She urged women to be strong and resourceful in their jobs.

Mrs Eva Onyebuoha spoke on the need for the International Women's Day to be more inclusive of all female workers in the complex, so that no female worker will feel left out.

She also enjoined all the women to work hard as Management is

identifying those who have leadership qualities and making great contributions in their areas of work.

Thereafter, gifts were presented to various personalities before the cutting of the celebration cake. Food, drinks and music were used to round off the successful event.

Meanwhile, as part of activities, commemorating the International Women's Day, Indorama women on Sunday July 18, 2021, held their annual Thanksgiving Service at St. Luke Anglican Church, Akpajo, Rivers State.



Indorama women in their glittering uniform!



Mrs Eva Onyebuoha (standing) addresses the audience while others listen with rapt attention

By Nwajagu Stephen C.
(HSEF/Safety Department)

GAS CYLINDER SAFETY

The gas cylinder used in homes is called Liquefied Petroleum Gas (LPG) cylinder. LPG is a colorless, odorless liquid that evaporates quickly. For safety reason, odorant was added to it so that leaks can be detected easily. An odorant is a substance used to give a particular odour to a product.

LPG could be Butane or Propane and is stored and distributed as a liquid and is used widely for heating and cooking. It is classified as highly flammable, a carcinogen, and mutagen. These flammable gases are stored in pressurized cylinders and can do a lot of damage if abused.

LPG bottle safety

While explosions in which the bottle explodes are often very serious, it is often observed that the LPG bottle is still intact and not broken after most accidents. Thus most explosions are not directly caused by the cylinder. Gas cylinders that are substandard, old, rusted, and damaged can however explode because their manufacturing and

safety requirements have been compromised.

Leakage is a common reason for home gas leak explosions and fire. If there is a problem with an appliance, regulator, fitting, connection within the house, leaking gas can accumulate, causing a potential gas leak explosion.

Below are some tips to ensure cylinder usage safety tips and Precautions

- Make sure that the rubber 'O' ring inside the cylinder valve is intact.
- Be on the alert for any noticeable signs of seepage, be it visual examination or the soap solution test or smell.
- Never use lit matchsticks or candles to look for leakages.
- Always store the cylinder in a vertical (standing) position on a level surface in a well-aired place.
- Never keep the LPG cylinder in your cabinet.
- The cylinder should be kept as far as possible from other heat sources like induction cooker, lit lamp, etc.
- Turn the regulator knob to the 'OFF' position once you are done with cooking.
- If you have empty cylinders, please store them in a cool and airy spot
- Any damage in the rubber tube or regulator could lead to a gas leak, leading to a chance of explosion.
- Make sure that there are no curtains close to the gas stove as this could accidentally lead to fires if the curtains blow onto the stove while it has a flame
- Do not keep any other fuel next to the LPG cylinder. Several times it is observed that people keep kerosene and the cylinder together. This should not be done.
- Ensure that the cylinder is not close to any heat-generating source (like a stove or Electricity Generator set)
- Never keep the burner knob open while waiting to light a matchstick. Always light the matchstick and then turn on the ink that there is a leak.
- Put out all flames
- Shut down the appliance and turn off the LPG regulator.
- Immediately put on the Safety Cap on the cylinder after the regulator is switched off.
- Keep all the windows and doors open to ensure ventilation.
- Do not use an electric fan to disperse the gas. An

References

<https://www.hse.gov.uk/comah/sragtech/techmeascylinder.htm>

<https://www.totalenergies.in/blogs/safety-and-maintenance-tips-domestic-lpg-cylinders>

<https://www.bankbazaar.com/gas-connection/lpg-gas-connection-precautions-and-safety-tips.html>

<https://www.emirates247.com/news/do-you-keep-a-gas-cylinder-at-home-these-tips-will-keep-you-safe-2014-07-31-1.558039>

<https://www.elgas.co.nz/resources/elgas-blog/256-how-why-would-an-lpg-cylinder-explode-lpg-cylinder-blast-propane/>

Retirement:

PE Plant Bids Farewell to Two of their Outstanding Colleagues !



Group photograph of celebrants, AVS Rao and S.L Borate, and their PE Plant colleagues after their send forth get-together.



AVS Rao and S.L Borate, decked in Niger Delta traditional attire.

Messrs AVS Rao and S. L Borate, both senior engineers of the Polyethylene (PE) Plant, would not forget Tuesday, 24th April 2021 in a hurry.

Though they have now returned to their families in India, they most likely would remember for a long time to come, that day when their bosses, colleagues, subordinates and friends from other departments bid them farewell after many years of meritorious services in Indorama Eleme Petrochemicals Limited (IEPL).

Mr. A. B Rao, Technical Head of IEPL, Mr B.C Jana Head of the PE Plant and Dr Jossy Nkwocha, Head of Corporate Communications of Indorama-Nigeria were there to grace the occasion at the PE Conference Room. Mr Jana opened the get-together with a brief speech that the PE Plant

family would miss both celebrants.

Engr. Charles Osuji anchored the program and read lengthy tributes of the two retiring engineers to show that they were good men and contributed immensely to the growth of IEPL in the past 15 years.

Mr AVS Rao was reputed to be among the first expatriate engineers to enter the old EPCL in 2005, serving in various capacities to make PE plant the envy of many. Charles described him as a “driving force in PE Plant operations” and “a peak performer”.

On his part, Mr Borate joined IEPL on 14th February, 2007. Charles described him as a man who exhibited excellence in the knowledge of running PE Plant. “His confidence, soft approach to operational issues, cooperation with the field operators in a friendly manner have

endeared him to many in the plant”.

All the PE staff who spoke after Charles's eulogy confirmed that both AVS Rao and Borate were indeed good men and friendly to everyone. Mr Beloved Nwechi gave the Toast to wish the celebrants a brighter future. Sir Gomba Osaro and Obari Esolee Levi said the two men impacted their career and private lives quite positively; and said both men were like father-figures.

Dr Jossy Nkwocha first commended PE family for honouring the two men who have done very well for the company in the past 15 years. He prayed God to bless their future endeavors and their families back in India.

Mr A.B Rao, Technical Head recalled the immense contributions of both AVS Rao and Borate, especially at the teething

stage of the PE plant operations. “Both of them were solutions men,” he said. According to him, both men were quite committed to their jobs and served the company diligently.

Both AVS Rao and Borate responded to the rain of accolades poured on them. They said they were humbled by such kind words and recollections. They prayed that Indorama will continue to wax strong.

Mr Sochimaobi Eloji, PE Shift Engineer gave the Vote of Thanks, appreciating everyone for honouring the invitation for the brief get-together. There was light refreshment at the end of the occasion, followed by a group photograph.

Both AVS Rao and S. L. Borate were decked in Niger Delta traditional attires, black caps and walking sticks to match. It was indeed a memorable event.

INDORAMA

PETROCHEMICALS



INDORAMA ELEME PETROCHEMICALS LIMITED

LAGOS

12th Floor, Plot 2
Ajose Adeogun Street
Victoria Island, Lagos
Ph: +234-1-2793840-49
Email: LGSALLES@INDORAMA.COM.NG

PORT HARCOURT (PLANT)

IEPL Complex
PMB 5151, Port Harcourt
Rivers State
Ph.: +234-1-2793840-49
Email: PHCSALES@INDORAMA.COM.NG

KANO

Ph.: +234-1-2793840-49
Email: KANOSALES@INDORAMA.COM.NG
Technical Support: skumar@indorama.com.ng
Website: www.indoramaeleme.com

Building Africa's Largest Petrochemicals Hub in Nigeria...