

**RIVERS @50**  
Indorama,  
MD Honoured

**Agric Ministers,  
Commissioners  
Visit Indorama  
Fertilizer Plant**

**BusinessDay  
Editors in Hot  
Interview  
with MD**



**INDORAMA - NIGERIA**

# IMPACT

In-House Magazine of INDORAMA-Nigeria

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# Indorama Fertilizer

**Empowering Farmers, Dealers Nationwide  
Ensuring Food Security in Nigeria  
Creating Job Opportunities**

■ **Stroke - A Silent Killer**





**Dear All,  
Indorama-Nigeria is making great strides. Despite various challenges on our path, we are matching on. Our products – polymer resins and fertilizer – are market leaders in Nigeria and Africa, and contributing immensely in creating jobs and reflation the economies.**

I am particularly elated about the excellent job being done by our marketing team to ensure that Indorama granular Urea fertilizer gets to all nooks and crannies of the 36 states of Nigeria. Farmers and agro-dealers are happy and giving testimonies of better crop yield and more money in their pockets. Our Corporate Communications team has captured this very well in this edition of our IMPACT magazine.

I am also happy that our modest efforts are being appreciated at the Federal and state levels. The Honourable Minister of Agriculture, Chief Audu

Ogbe and the Honourable Minister of State, Senator Heineken Lokpobiri said as much when they visited our fertilizer plant recently. At its Golden Jubilee celebration of the creation of Rivers State, the Governor, His Excellency Chief Nyesom Wike, also decorated our company with the highest honour of the state.

We thank them for appreciating our efforts and promise to continue to do our best to help the governments in their transformation agenda in the industrial and agricultural sectors.

I urge all our TEAM members to re-double their

energies as we conquer the second half of the year with innovative ideas, excellent products, customer satisfaction and delight, among others. The challenges are enormous but with greater commitment and diligence, we shall overcome.

I thank all our employees for their hard work. I appreciate all our friends – customers, government officials, host communities, partners and associates for all their support and cooperation.

I welcome you all to another richly-packaged edition of our Indorama-Nigeria IMPACT magazine.

**Manish Mundra**  
Managing Director



**Re: Indorama Making Life Better for Communities, Others**

This is to confirm the receipt of Indorama-Nigeria IMPACT Magazine (January –April 2017 edition) titled: Indorama: Making Life Better for Communities, Others. While thanking the Managing Director, Mr. Manish Mundra, for the magazine, please accept the kind regards of the Vice-Chancellor of the University of Lagos, Professor Rahamon A. Bello.

*Folami, Adeluwa (Mrs)  
For Director (Office of the Vice-Chancellor)  
University of Lagos*

**Ten Years of Great Impact in Nigeria: Well-done Indorama!**

I am directed to respectfully acknowledge the receipt and express appreciation for

Indorama-Nigeria IMPACT magazine sent to us. The magazine is very educative as it has captured memorable moments and laudable efforts of the company in growing the economy.

Indeed, it is another milestone in the history of the company to put those remarkable activities on records in the magazine to which we say well done. While appreciating your efforts, please, accept the Director General/CEO's esteem regards at all times.

*Ali Adamu  
Technical Assistant to the Director General  
For: Director General/CEO  
National Office for Technology Acquisition and Promotion (NOTAP)  
Abuja*

**We appreciate Indorama's openness towards building sustainable relationship with REIF**

Thank you for Indorama-Nigeria IMPACT magazine, which was sent to the Rivers Entrepreneurs and Investors Forum (REIF) via courier. We are very happy for the openness of Indorama towards building a sustainable and fruitful partnership / relationship with REIF as well as the numerous corporate social responsibility (CSR) projects executed by Indorama in its host communities. We also would extend copies of the next edition of our free-to-read Business Magazine, 'The Investors Hub' to your establishment.

*Amos Patrick  
Assistant Secretary on ICT & Dev, REIF  
Rivers Entrepreneurs and Investors Forum (REIF), Port Harcourt, Rivers State*



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Every edition of IMPACT magazine comes with fresh, exciting stories and features to delight our readers. This copy in your hand is not different.

The maiden facility visit of the Hon. Minister of Agriculture and Rural Development, Chief Audu Ogbe to our plant in Port Harcourt was quite reassuring of Federal Government's recognition of the importance of Indorama fertilizer in fighting food insecurity in the country.

So many other interesting stories to read including honour for MD of Indorama-Nigeria at the Celebration of "Rivers @ 50"; visits of Radio journalists in Port Harcourt and the editors of BusinessDay newspaper.

On our Healthcare segment, read about S-T-R-O-K-E, the silent killer and how to prevent it.

Please get back to us with your comments and suggestions.

**Jossy NKWOCHA**, PhD, FNIPR  
Head of Corporate Communications/  
Special Adviser to the MD

Managing Director,  
Indorama-Nigeria  
**Manish Mundra**

CEO, IEFCL  
**Munish Jindal**

Editor-in-Chief  
**Jossy Nkwocha**

Editorial Team	Editorial Advisers
<b>Chinedum Emeana</b>	<b>A. K. Sharma</b>
<b>Mike Achaziem</b>	<b>Xavier Durai</b>
<b>Chizaram Awuzie</b>	<b>Pradeep Ekka</b>

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# Agric Minister Visits Indorama World-class Fertilizer Plant

... Says Indorama Granular Urea is Very Important in FG Agric Agenda



Managing Director of Indorama-Nigeria, Manish Mundra (standing) makes a presentation during the visit.

**Wednesday, 26th April, 2017 was a special day for Indorama world-class fertilizer plant in Port Harcourt. Minister of Agriculture and Rural Development, Chief Audu Ogbe, accompanied by the Minister of State, Senator Heineken Lokpobiri, and the Commissioners of Agriculture of Rivers and Bayelsa States, Mrs Onimim Jack and Mr Doodei Week respectively, paid a facility visit to the world's largest single-line Urea plant, with capacity to produce 1.5 million metric tonnes per annum.**

Chief Ogbe who was visiting the plant for the first time was visibly elated at the huge project, which he acknowledged, is very important in achieving the Federal Government's Agricultural Transformation Agenda, aimed at boosting

food production across the country.

Senator Lokpobiri who had visited the plant earlier in November last year had also said that the Federal Government relies heavily on the company to realise its goal of bumper harvest and food Security in the country.

The Minister and his entourage were conducted round the fertilizer plant by the Managing Director of Indorama-Nigeria, Mr Manish Mundra, who noted that the plant has not reached its installed capacity due to shortage of natural gas, which is its major feedstock.

The plant which has capacity to produce 1.5 million metric tonnes of Urea per annum was producing only 1.1 million metric tonnes due to short supply of feedstock (gas).

The MD also mentioned bureaucratic bottlenecks which challenge effective distribution of fertilizers to

farmers nationwide.

Chief Ogbe promised that the Federal Government, through his office, will help to tackle whatever challenges the company faces to ensure that it produces at full capacity, and supplies the product to farmers across the country without delay. Chief Ogbe stated that the success of Indorama fertilizer is the success of the Federal Government and the people of Nigeria at large.

"The federal Government wants to make sure that Nigerians have enough food to eat. We can only achieve that objective with enough fertilizer in the country. That's why we consider Indorama as a partner in progress in achieving cheaper fertilizers and food sufficiency in the country," Chief Ogbe said.

The minister commended Indorama Eleme Fertilizers and Chemicals Limited for keying into the FG Presidential Initiative on

Fertilizer, which is aimed at bringing down the cost of fertilizers across the country.

The Ministers and their entourage visited the state-of-the-art Control-room, the Ammonia and Urea units of the plant, as well as the Bagging Section where they touched the Urea Granules and saw the bagging process; and the special bags for the Presidential Fertilizer Initiative supplied to blending plants.

Mr Mundra had in his earlier presentation informed the Ministers that Indorama is committed to supply 360,000 metric tonnes of Urea to eleven blending plants across the country, which they use in producing NPK fertilizers.

The MD of Indorama, Mr Mundra said the company was committed to its vision of building Africa's largest petrochemicals and fertilizer hub in Nigeria; and investing a total of over \$5.8 billion by the Year 2022.



# Rivers @ 50

## Indorama MD Honoured with Top Award, DSSRS

As part of the activities marking the Golden Jubilee Celebration of the creation of Rivers State, the Government conferred the Distinguished Service Star of Rivers State (DSSRS) on the Managing Director of Indorama-Nigeria, Mr Manish Mundra, in recognition of his and the companies' outstanding contributions to the development of Rivers State and Nigeria in general.



The award ceremony held on Saturday, 27th May, 2017 was the grand finale of the month-long celebration, took place at the banquet hall of the Government House, Port Harcourt.

In presenting the DSSRS Medallion and Certificate to Mr Mundra, the Executive Governor of Rivers State, His Excellency, Chief Barr Nyesom Wike, CON, stated that Indorama is the biggest and most credible investor in the state, whose operations have brought tremendous contributions to the economy of the state through huge dividend, tax revenue, corporate social responsibility (CSR), employment opportunities, among others.

A total of 127 Very Important Personalities (VIPs), mainly founding fathers of the state, former governors of the state, former military administrators, the then Head of State whose administration created Rivers State in 1967, top traditional and religious leaders as well as the

Managing Directors of corporate organisations that have impacted positively on the development of the state within the past 50 years were honoured.

In the past eleven years, Indorama Eleme Petrochemicals Limited (IEPL) has revived the old, moribund Eleme Petrochemicals and now produces 45 customized grades of polymer resins (polyethylene and polypropylene) which have helped to supply highly-needed raw materials to over 650 companies across the country.

IEPL operation has created many jobs for thousands of indigenes of the state, and accumulated tremendous PAYEE tax revenue for the government. The 10% equity shares of Rivers State Government in the company have earned the Government huge dividend payments that have helped to develop the state. The host communities also own 7.5% of the shares which have also added great value to the lives of the people of Eleme.

In June 2016, Indorama also commissioned its world-class fertilizer plant that has capacity to produce 1.5 million metric tonnes of fertilizer per annum. It supplies Urea fertilizer to over 20 million farmers nationwide.

A message of felicitation published in the Event Brochure, Indorama-Nigeria stated: "The board, management and staff of Indorama Eleme Petrochemicals Limited (IEPL) and Indorama Eleme Fertilizer & Chemicals Limited (IEFCL) have the pleasure to felicitate with the Executive Governor of Rivers State; the Rivers State Government, and the good people of Rivers State on the historic celebration of the Golden Jubilee of the creation of Rivers State.

"It is also a thing of joy and happiness. Management hereby expresses gratitude to His Excellency and the State Government on the nomination and Conferment of the Distinguished Service Star of Rivers State (DSSRS) on the

Managing Director of Indorama-Nigeria, Mr Manish Mundra. Indorama-Nigeria wishes Rivers State a very prosperous and peaceful future."

In an interview with Indorama-Nigeria IMPACT magazine, Mr Mundra expressed appreciation to the State Government and the Executive Governor, Chief Nyesom Wike for honouring him with the award.

"I am happy to receive the award on behalf of our company, Indorama. It always feels good to be recognized and honoured."

"We will continue to do our best for the State; and we remain committed to our vision of building the largest petrochemicals and fertilizer hub of Africa in Rivers State, Nigeria," he said.





# Immigration Chief Visits, Commends Indorama for Job Opportunities, Community Development

**Comptroller of the Rivers State Command of the Nigeria Immigration Service Mr. A.B Yari has described Indorama-Nigeria as a good international company that is providing a lot of employment opportunities for Nigerians and assisting Nigeria in its industrialization process.**

**M**r. Yari who led a delegation of the Command on a familiarization visit to the company on Friday March 17, 2017, said they were impressed with the operations of Indorama.

Yarima made the remarks after a plant tour. "I am really impressed with what I saw today. It shows that Indorama is an international corporate company that gives employment to a lot of Nigerians. You are a good company with good projects that assist Nigeria and Nigerians. I also commend Indorama for enormous contributions to the development of its host communities," he said.

He said he was optimistic that the company's plan of future expansion will also create more employment opportunities for "our sisters and brothers who are still waiting in the labour market." He also applauded the company for complying with immigration regulations as well

**Engr. Felix Okeke** (left) conducts the Immigration and Indorama teams around the plant

as sending monthly returns promptly.

Other officers who accompanied Mr. Yarima on the visit included Mrs. S. Adeeyo, Quota (CSI), Mr. K.O Nwobi, Aliens (CSI), Mr. C. Elumelu PRO (DIS), and Mr. Francis Osajiede PA-CIS (DCII).

Earlier, the immigration team was received on arrival by top management team of Indorama led by Mr Pradeep Ekka, head of Human Resources (HR), Mr. Cliff Osagie, head of Legal Services, Mrs Eva Onyebuoha, Mrs Orié Uduma, Mr Debo Ajaguna and Mr. Bashir Mohammed.

Mr. Ekka who welcomed the visitors on behalf of the Managing Director Mr Manish Mundra, expressed the appreciation of the company for the support from the immigration service and other government

agencies since it commenced operations in Nigeria 11 years ago.

"It has been a very good experience since we started. We have enjoyed a lot of support from government agencies including the Immigration Service. We are very grateful. On behalf of the company and the Managing Director who would have loved to participate in this meeting but is out of the country, I say we are very grateful."

He later gave a presentation detailing the milestones that the company has achieved and its global footprints since its humble beginning in Indonesia in 1976.

"The company started as a small manufacturing company, but today is a conglomeration of many companies. It produces

raw materials which are used both by local and foreign companies. The company produces raw materials such as polyester, polyethylene, polypropylene, PTA, spun yams, fabrics, disposable gloves, phosphoric acid and fertilizer," he said.

Mr Ekka also highlighted the company's sustainable community development programmes which have ensured a cordial relationship with its host communities over time. "We have successfully executed three Memoranda of Understanding (MoUs) with the host communities, which provides overall framework for engagement between all parties involved." He listed some important host communities' development projects that Indorama has executed.







Indorama's head of Environment, Dr. M.K. Jain conducts the officials on the field inspection of facilities and sites

## Rivers State Min of Environment Officials Inspect Indorama Complex

... Give kudos to the Company for good policies, procedures and practices

**As part of its routine inspection of corporate organisations in Rivers State to monitor their compliance with government environmental policies, the Rivers State Ministry of Environment has visited Indorama Complex in the first quarter of the year.**

**F**our top officials of the Ministry led by the Director of Pollution Control, Mr Samuel J. Oborolo carried out the inspection on Thursday, 16th February, 2017. The other inspectors were Engr. Maurice Ekwuluo, Mr Randolph Shedrack and Mrs M. E Amesi.

At the end of physical inspection of various air monitoring and waste disposal facilities and sites inside the Complex, the inspectors gave kudos to Management of Indorama Eleme

Petrochemicals Limited (IEPL) and Indorama Eleme Fertilizer and Chemicals Limited (IEFCL) for a clean environment, made possible through good environmental policies, procedures and practices.

Earlier on arrival at the premises of Indorama-Nigeria, Mr Oborolo and his team were received by top Indorama officials namely Mr A. K Sharma, head of Quality Assurance, Quality Control (QAQC); Dr M. K. Jain, head of Environment; Dr Jossy Nkwocha, head of Corporate Communications; and Engr. Anda Wai-Ogosu, Indorama's environmental consultant.

In his welcome address, Mr Sharma said the Company was happy to host the officials once again on their regulatory oversight. He noted that Indorama operations are environment-friendly and ensure clean air and clean environment. He also stated that Indorama has world-class

technology to monitor its operations to ensure a safe and friendly environment.

This was followed with a presentation in which the head of Environment, Dr Jain enumerated the details of the company's environment policies and compliances with standards of regulatory authorities including the Federal Ministry of Environment, the Department of Petroleum Resources (DPR), the National Environmental Standards and Regulations Enforcement Agency (NESREA), the Rivers State Ministry of Environment, among others.

Thereafter, both the State environment officials and Indorama team moved into field inspection, which took them to various sites and locations within the premises.

At the end of the field assessment, Mr Oborolo said the Ministry was satisfied with all they saw and commended

the company for complying with the regulations put in place by the Ministry.

Mr Oborolo reiterated the fact that environment protection and sustainability are very important for the good health of everyone who lives in Rivers State. He stated that the Commissioner of Environment, Prof Roseline Konya and the Rivers State Government take any environment infraction very seriously. "We want you to continue to do the right thing," he admonished.

Engr. Wai-Ogosu who is a foremost environmentalist and consultant to Indorama stated that Indorama's compliance to regulatory standards is well known to all the regulators, adding that as a good corporate citizen, the company has always ensured that its operations and activities are environment friendly and safe to everyone working or living around the complex.



# INDORAMA FERTILIZER

**Empowering Farmers, Agro-Dealers Nationwide**

**Enhancing Crop Yield, Food Security in Nigeria**

**Creating Jobs Opportunities in Rural Areas**

**The first granules of Indorama Urea fertilizer rolled out from Indorama's world-class plant in Port Harcourt in June 2016. Twelve months after, the Indorama Granular Urea has become a household brand and found its way into the farms of Nigerian farmers nationwide through the activities of the company's aggressive marketing efforts. In the last farming season, the number of trucks that left Indorama premises in Port Harcourt was amazing. On daily basis, between 75 - 90 trucks, carrying 600 bags each, left for various states in the North, West, East and South of the country.**

**A**pproximately 300,000 metric tonnes of Indorama Urea were distributed to farmers.

As part of the Presidential Fertilizer Initiative (PFI), another batch of 360,000 metric tonnes will be supplied to eleven blending plants in various parts of the country to use in producing NPK fertilizers at cheaper cost to farmers.

Through Indorama, therefore, both Urea and NPK fertilizers have reached millions of Nigerian farmers who plant Rice, Cassava, Maize, Yam, Millet, Beans, Sorghum, Tomatoes, Pepper, Okra, Garden egg, Sugarcane and Vegetables with heart-warming stories of bigger crop yields, bumper harvest and higher income for the farmers.

In a period of twelve months, Indorama Eleme Fertilizer & Chemicals Limited (IEFCL) has helped the present administration to tackle the issues of food insecurity and large-scale importation of substandard fertilizers into the country at massive foreign

exchange cost of amount \$700 million per annum. Indorama has therefore helped the Government to save huge foreign exchange. Indorama has also made fertilizers available, following the stoppage of fertilizer imports by the Federal Government of Nigeria. The Indorama fertilizer value-chain stretching through the blending plant operators, farmers, agro-dealers, transporters, retailers, etc, has therefore created more than 50,000 direct and indirect job opportunities, especially in the rural areas of the country.

Apart from making the fertilizers available to farmers, the Indorama marketing and agronomy teams are also empowering farmers and agro-dealers with advanced information, enlightenment and education through training programmes on fertilizer application, extension services, manure preparation, field demonstrations, soil testing,

pest control, use of agro-chemicals, new farming methods, among others. These marketing efforts are driven by both expatriates and young Nigerian agriculture graduates. Recently, sixteen newly-employed agronomists and marketing executives were trained in Kaduna and Lagos. Already, they are criss-crossing the nooks and crannies of the country – meeting farmers, providing them need-based agro advisory and addressing their concerns. This is paying huge dividends for both farmers and the company..

In an interview with IMPACT magazine, the head of Sales and Marketing of Indorama Fertilizer, Dr. S. K. Srivastava, said the major focus of the marketing team is to make Indorama Urea available to all farmers across the country and provide best services to all customers. IMPACT magazine has stories of many of the training programmes,







demonstrations, farmers' meetings, etc, going on in various parts of the country (a few are published here).

Recently, Indorama collaborated with Bauchi State Agriculture Development Program (BSADP) to train 400 farmers in the state on modern techniques that would help them achieve improved crop harvest per portion of farm land. The trainings took place in several Local Government Areas, namely, Tafawa-Balewa, Bauchi, Bogoro, Alkali, Kirfi, Dass, Toro Katagum, Itas-Gadau, Zaki, Misau, Darazo and Dambam, among others.

The event featured educating farmers on good farming practices, soil testing, practicals on experimental plots, and training focused on farming practices for Maize Sorghum, Millet and Rice. The resource persons were Indorama agronomists and those BSADP.

The training attracted small-holder and large-scale farmers. Mallam Mu'azu, Chairman of the small-scale farmers group expressed appreciation to Indorama, stating that no organization has been able to coordinate farmers under the same umbrella to learn and grow. In another effort, marketing team met with 50 major agro-dealers in the Southeast and South-south region in Enugu. The meeting which took place on 22nd March, 2017 attracted dealers from Enugu, Anambra, Edo, Delta, Ebonyi, Abia, Akwa-

**These marketing efforts are driven by both expatriates and young Nigerian agriculture graduates. Recently, sixteen newly-employed agronomists and marketing executives were trained in Kaduna and Lagos.**

Ibom, Cross River, Rivers and Kogi states.

Some of the participants who spoke at the event include Mr Friday Oguchuku of Oguchuku Agro Ltd, Kogi state; Mr Akan of Babukan Ltd, Calabar; Mrs Lolo of Chog Resources Ltd, Anambra State; Mr Benjamin of Amerx Ventures, Uyo, Akwa Ibom State; and Mr Henry Okafor of Hencoff Ltd, Abakalki, Ebonyi State. Others are Mr Lucky of Luganz Ltd, Abia State; Alhaji Abuya Salim of Alhaji Abuya Salim Enterprises, Calabar.

Another set of 330 farmers from Anambra, Enugu and Kogi states were exposed to best practices in crop management. At Udi LGA of Enugu State, Hon. Dennis Amadi, member representing the constituency in the House of Representatives, who is sponsor of eight farmers' cooperatives in the area, sent someone to represent him. Chairman of the LGA, Hon. Hyacinth Ngwu was in attendance, and appreciated Indorama fertilizer very much. In the south-west zone, Indorama conducted three major Farmer's meetings/

training in Ogun, Ekiti and Ondo states, which attracted a total of 142 participants. On 15th March, 2017, the marketing team conducted agronomy training for 35 farmers in Ewekoro local government area of Ogun state.

The training focused on growing of maize, cassava, vegetables and rice. There was a field visit after the event along with Mr Bankole Theophilus, the Agriculture Development Programme (ADP) Extension Officer for Abeokuta to the Rice farm belonging to Mr Antony Oluyemi.

The team also conducted another farmer meeting/training at Ado Ekiti. There were 50 farmers in attendance. Yet, another farmers' meeting was held at Akure for 56 participants. Indorama fertilizer brand was the cynosure of many eyes at the recently concluded Kaduna International trade fair as it showcased its high-quality Urea fertilizer and its Indorama Agricultural Development Programme (IADP) services that enhance food production across the country.

The Trade Fair Merit Award Committee presented Indorama Fertilizer brand with the "Best Farmers' Friend" Award, and a certificate. The event was held from February 24th to March 5th 2017. Many companies in Agri-input business participated to showcase their new products and services developed for use of farmers to increase crop productivity. Over 1,000 farmers visited the Indorama pavilion, aside from agro-dealers, dignitaries and people looking to invest in fertilizer value chain.

Top dignitaries who visited the pavilion include Mr Ahmed Rabi Kwa, Executive Secretary, Fertilizer Producers and Suppliers Association of Nigeria (FEPSAN); Mr Abba Auchan, Director of Fertilizer at the Federal Ministry of Agriculture; and Alhaji Usaman, Director-General of Kaduna Chamber of Commerce, Mines and Agriculture (KADCCIMA). Indorama Fertilizer is getting wider acceptance even at corporate levels at national and international levels. Recently, the Austria-based International Union of Soil Science (IUSS) and Soil Science Society (SSSN) of Nigeria have honoured Indorama Fertilizer with membership of the prestigious organisations.

This is based on the criteria of contributions towards soil health, agronomic advancement and farmers' training and education for sustainable agriculture development and food security of the West African region.

CONTINUED ON PAGE 13





# Why We Prefer Indorama Granular Urea Fertilizer -- Farmers, Dealers

**Mr Asu Wasiu, Fawale village, Lagellu LGA, Oyo State (Has farm for maize, tomatoes, okra and vegetables on 3-hectre land).**

"I was introduced to Indorama fertilizer by a fellow farmer crops had bigger yield. He said he uses Indorama fertilizer. I then started using the fertilizer. I got more yield than before and more income. Because someone recommended the fertilizer to me, I have been recommending it to other farmers.

I want the company to package the product in smaller bags not just the 50kg bags, and to reduce price of the product. Before now, I didn't know the difference between Urea and NPK and how, where to apply them. With Indorama training, I now know all these things."



Mr Asu Wasiu



Ishaku Abdullahi



Mohammed Abdullahi



Sir Henry Okafor



Mr. Shola Ige



Alhaji Olawoyin Taiwo



Murtala Ahmadu



Ibrahim Abdullahi

**Mallam Mohammed Abdullahi, Oshin village, Oke-Oyi LGA, Kwara State (Has farm for pepper, rice and Garden egg)**

"Since last year, I have been using Indorama fertilizer. It is very good. I started using it in agro-allied shop and decided to try it. I got more yield than before and more income with peace of mind. Since then, I have been patronizing the product. I have stopped using other fertilizer brands because Indorama makes my pepper plants healthier and the fruits much bigger. Now I recommend it to other farmers in my area. In fact, I have a small store where I sell it to other farmers around my community."

**Ibrahim Abdullahi of Wamakko LGA, Sokoto state (owns 4 hectares for Wheat, Maize, Cotton, Tomato, Rice and Sugarcane)**

"Ever since I started applying Indorama Urea on my crops, I have witnessed over 40% growth and my crops are healthier. Because of these improvements, I have added

other crops like cassava, yam and sorghum. I am has also adopting other advanced farming techniques to boost my harvests and I am making more profit."

**Murtala Ahmadu, Wamakko LGA, Sokoto State (He grows Millet, Sorghum, tomatoes, rice, sugarcane, Cowpea and Cassava).**

"I am an experienced and enlightened farmer who quickly switched to the use of Indorama fertilizer. The results have been amazing, and I have started to train other farmers in my community on how to apply the fertilizers and use more advanced seeds and practices. My farm has grown from seven to 12 hectares."

**Ishaku Abdullahi, Kware LGA, Sokoto (owns 3 hectares for Millet, Sorghum, Cowpea, Rice and Sugarcane).**

"I joined a cooperative which introduced me to Indorama Urea. I have gained significantly as my harvests have increased after applying the fertilizer alongside

preventive pest control, organic manure and improved seeds. And my sales have doubled. Now I am a proud promoter and retailer of Indorama fertilizer in my community."

**Sir Henry Okafor, Chairman/CEO, Henkoff Limited, dealer of Indorama fertilizer in Ebonyi State.**

My head office is located in Hosanna market a major agro input market in Abakaliki, Ebonyi state but I have other outlets in the state and also in some neighboring states and different villages. We are happy to be associated and known as a partner of Indorama fertilizer company

**Mr. Shola Ige, Indorama fertilizer dealer Akure, Ondo state**

I have been selling Indorama urea fertilizer for 3 years now and sales have been good, but it gets better during farming season.

In ondo state today, all farmers have accepted Indorama fertilizer as their choice and the farm

demonstrations has been wonderful because it have created a big opportunity for me to push more fertilizer in my territory.

**Alhaji Olawoyin Taiwo (MBA), Dealer at Atiba in Oyo State.**

I have been selling Indorama Fertilizer since December, 2014, In fact I was the first person to buy Indorama fertilizer in the south west.

In terms of quality, Indorama fertilizer has taken over the market and farmers have developed a high preference for it, because they get greater yield than any other fertilizer, they are sure that they will get nothing less than 50kg in the bag unlike other fertilizers that will write 50kg on the bags and the quantity will not be more than 40kg.

Also we the distributors also get more profit because there is a boost in sales. Moreover the farm demo's been impacting positively on sales as it has made more farmers to be aware of the fertilizer.



## Indorama Trains Newly Employed Agronomists, Marketers



Ms. Sandrina Gomes, Head of Business Development (standing), handling one of the training sessions.

To enhance the capacity of the marketing team, Management has held training for the newly employed agronomists and marketers who are young Nigerian graduates. The programme took place in Lagos and Kaduna.

The training was meant to update them on basics of fertilizer and plant nutrition, agronomic trends and advances as well as general Agri-business management. The Kaduna training at Hotel Aisa Pyramid for the Northern zones was held on 15th May,

2017, while that of Lagos at IEFCL office for the Southern zones took place on 6th June, 2017.

Dr Balbir Singh, chief agronomist; Dr S. K. Srivastava, head of sales and marketing; Ms Sandrina Gomes, head of

Business Development and Mr Avijit Sinha handled the training sessions. Also in attendance was Mr. Anand.

Dr. Singh lectured on "why fertilizer, types, application, methods and times and best management practices; Granular Urea USP; standard operating procedure to organize granular urea field demonstrations, organizing farmers' meetings, crop seminars, extension training techniques; and best crop production technologies for better return on investment.

Dr. Srivastava spoke on other agronomy aspects and use of soil testing kits. Ms. Gomes explained the plan to bring in donor funds to support Indorama IADP initiative. Mr Sinha explained the strategy of demand push by the marketing activities.

There were 12 trainees in Kaduna and seven in Lagos. They were very excited about the training programme. Mr. Peter (Katsina), Mr. Magaji (Kano) Mr. Simon (Ebony), Mr. Festus (Nasarawa), said it will help them immensely in discharging their duties.

## Indorama's List of Agronomy Services

The following covers Indorama's agronomic contributions for farmers' training and education through Agronomy and Extension Services.

### 1. Indorama Granular Urea Field Demonstrations:

Conducting field demonstrations in 15 states namely Kaduna, Katsina, Kano, Kebbi, Sokoto, Zamphara, Bauchi, Niger, Nasarawa, Ebony, Kogi, Kwara, Ondo, Oyo and Ogun. There are 10 demos per state in the following crops -- maize, rice, sugarcane, sorghum, yam and tomato to promote Indorama Urea to surrounding farmers and conducting farmers' meeting to show efficiency of granular Urea.

### 2. Regulatory and Institutional Bio-efficacy Trials at Ahmadu Bello University (ABU) Zaria, IITA, Abidjan, FCATPH, Kano, ABCOA-Dambata.

Bio-efficacy trials help us on government and regulatory front, eg accreditation, publication, policy influence, registration, fertilizer control orders or bills and international influences.

### 3. Farmer Service Centre:

Every agronomist heads our Farmers Service Centre (as on

date, 13). Farmers can visit any of the Centers or call any of our agronomists for free crop production and fertilizer management advises.

### 4. Soil Sampling and Advisory:

We have started our soil testing services on world soil day at all 15 potential states. Our agronomist are collecting soil samples and analyzing the same, and results are communicated to farmers on the field. Same are communicated to the Federal Ministry of Agriculture and Rural Development (FMARD) and international development partners to communicate our interest in long term sustainable agriculture development.

5. Agronomic Activities through International developmental partners:

Working with AFAP, IFDC, Propcom, GIZ, CARI, GIC, BnMGF, Oxfam, IPNI etc and detailing our agronomic and developmental activities for local and International product promotion and policy influence; and contribution towards industrialization of agriculture.

### 6. Development of Educational and Training materials:

Crop management practices, agronomic literature, nutrient deficiency charts, articles on Indorama agronomy initiative, in-house, local and international newspapers and magazines, etc.

### 7. Conference and Training:

Agronomic expertise representation at national and international level and training of agronomists, marketing staff, dealers and distributors



# We 're Engaging in Aggressive Education, Empowerment of Nigerian Farmers - S.K. Srivastava

**Indorama Eleme Fertilizers & Chemicals Limited is emerging as a Global brand, helping farmers to increase crop yield in Nigeria, West Africa and Latin America, among others.**

**In this interview with BusinessDay Abuja City Digest, Dr. S. K Srivastava, Indorama's Head of Sales and Marketing, x-rays what the company is doing to support and empower Nigerians towards the advancement of food security, enhance the crop production & fulfil the objectives of the Nigerian government.**

**C**ongratulations to Indorama for building the largest Urea production plant in the world. What informed establishing the plant here in Nigeria? Nigeria has great need for fertilizers to grow crops to feed its over 170 million population. Nigeria is also strategically located to cater for the demand of West Africa and Latin America countries. Being a petrochemicals producer already, a fertilizer project looked bright because of the availability of gas in the Niger Delta region.

Nigeria is very strategically located to meet the demand of West Africa, South Africa and Latin America, so setting up a fertilizer plant in Nigeria was a

win-win strategy for Nigeria as well as Indorama.

Furthermore, the Nigerian Government usually spent huge foreign exchange in importing fertilizers for farmers across its 36 states. Now, Indorama fertilizer has helped the country through import substitution and conserving of forex. Indorama foremost priority is to meet the requirement of Nigerian farmers then surplus quantity is meant for export to other countries.

**What is the main marketing focus of your team?**

The major focus of the marketing team is to make

Indorama Urea available all across the country and provide best services to customers. We believe in the relationships, our marketing team is aiming to make good relationship with customers and provide all kinds of support and services. Focus on branding is another important area where our team members are working hard.

**After one year of Indorama fertilizer marketing, what is the perception of farmers about Indorama Urea?**

Now Indorama granular Urea has become No 1 preference of Nigerian farmers because they have seen performance of the fertilizer and harvested bumper yields and increased

their profitability. Farmers' output increased more than 25-30% because of application of Indorama Urea in some of the crops like Maize, Rice, Sorghum, Tomato, etc. The reason of Indorama urea as first choice is due to high level of quality of each granule which contains +46% Nitrogen, lower biuret, low moisture content, high choring strength and free from dust. Due to low moisture contents, farmers feel happy while applying urea in their crops and getting excellent results. Farmers are Happy with using Indorama granular Urea.

**What is the relationship between Indorama Fertilizer and the 11 blending plants?**

Under the Presidential Fertilizer Initiative (PFI) project, Indorama has signed an agreement with NAIC-NPK Limited, a subsidiary of Nigeria Sovereign Investment Authority (NSIA). Indorama is supplier of major raw material i.e Indorama granular urea +46% N for blending of NPK fertilizer 20:10:10 to different blending units located in different states namely Kaduna, Kano, Kastina, Niger ,Plateau, Bauchi , Ebony & Lagos The objective of this project is to provide quality NPK: 20:10:10 to farmers at affordable cost to farmers for wet season farming. Indorama is highly committed and supportive to make this project a huge success for the betterment of Nigerian farmers and agriculture growth.





**In your opinion, what are the major challenges facing Nigeria's agricultural sector, and how can these be resolved?** In Nigeria, agriculture is considered as subsistence way of employment and food production rather than an industry. Agriculture is not being taken seriously; the Agric sector should be treated as business. Nigeria has huge potential in terms of vast arable land and good climatic condition but farmers are not using sufficient Agri-inputs. So there is depletion of nutrients from soil and farmers are not getting desired crop yield. Nigerian farmers need mechanized farming techniques and high quality fertilizers.

Currently, there is persistent low utilization and usage of fertilizer by farmers, Nigeria's food security goals stand a chance of not being realized in the immediate future unless drastic action is taken. Nigeria must improve its national average farm productivity, average farmer yields and increase food production to feed its teeming population and avert a food crisis in the immediate future.

Increasing fertilizer use is necessary to achieve all of this.

Annual installed production of urea fertilizer is 2 million MT tons while annual national consumption is 500,000 MT. The real challenge is that the average Nigerian farmer needs to be informed and educated about the benefits and advantages of using fertilizer in cultivation. Indorama has taken the bull by the horn to educate and improve farmer agronomic practices and to make genuine fertilizer available to Nigerian farmers.

In Nigeria, the administration of President Muhammadu Buhari has agricultural transformation as a priority agenda to ensure high food production in the country. Effective use of fertilizers will help government to achieve its laudable objective.

**How exactly is Indorama supporting farmers?**  
Indorama fertilizer marketing team ensures that our granular Urea is available at the right

with Nigeria's agriculture research institutions on soil testing, pest control, etc.

We have also developed Crop Management folders for various crops like Corn, Paddy, Wheat, Millet, Sorghum, Cassava, Tomato, and Cotton for their education about package of practices to be adopted for higher yield

**Recently you recruited agronomists and marketers to engage farmers in several states of the country. What outcomes are you expecting from this?**

The agronomists we recruited are meeting the farmers in the rural areas and giving them free advises on best crop production techniques, eg crop production, seeds, fertilizers, chemicals, post-harvest, sales and how to increase return on investment.

Indorama extension team is spreading all across Nigeria to provide best services to farmers and educate them the best farming practices. We expect that this exercise will enhance the capacity of farmers across the country and lead to better crop yield, which in turn will lead to heavy harvest in the country.

**We have also developed Crop Management folders for various crops like Corn, Paddy, Wheat, Millet, Sorghum, Cassava, Tomato, and Cotton for their education about package of practices to be adopted for higher yield**

**Can you specifically elucidate how increased fertilizer use by farmers can be a game changer for food security in the country?**

Most soil lack required nutrients. Fifty percent of crop yield therefore depends on the Nitrogen fertilizer for a good harvest. This means that if the farmer uses nutrient as per the crop requirement, he can double yield. Increased yield will increase food supply and country will be food secure. The best security of the nation is food security.

time across the country during wet and dry season farming. Besides, we have full-fledged Agronomy and Development division with highly qualified international and local agriculture experts engaged in farmer-training and education initiatives.

We carry out field demonstrations, farmers' meetings, seminars, exhibitions, conferences, farmers' service centers and free advisory services at call centers. We also collaborate

CONTINUED FROM PAGE 9

**INDORAMA FERTILIZER**

The award ceremony, which was held in Bauchi State was graced by the State Governor, Barr. Mohammed Abdullahi Abubakar, Agric commissioner, local chairman of SSSN, scientists, students and farmers. Certificate and awards ceremony photos are given below. Audu Bako College of Agriculture (ABCOA) Dambata and Federal college of Agriculture Produce and Training (FCAPT) Kano also honoured Indorama for its high quality granular Urea with agronomic services that ensure farmers' satisfaction.

Recently, ABCOA organized farmers' linkage and training program and named Indorama Fertilizers as "Best friend of Farmers", an event that attracted about 300 farmers,

university lecturers, students, opinion leaders and farming cooperatives.

FCAPT Kano also conducted four trials on Indorama granular Urea at different local government areas of Kano State including Ghude, Kadawa, Dambata and Imawa; and Maize was performing excellently with Indorama fertilizer. FCAPT scientists and Indorama team visited trial fields with details on fertilizer management and crop production. The Institute named Indorama as "Pioneer in Fertilizer Management".

It is crystal clear that Indorama fertilizer is making tremendous impact among Nigerian farmers and agricultural stakeholders in Nigeria and in the international community. ■

CONTINUED ON PAGE 24





## Photo Splash



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1. **Chief Audu Ogbeh**, Minister of Agriculture, (3rd right), **Mr Heineken Lokpobiri**, minister of state Agriculture (2nd right), **Mrs Onimim Jack**, Rivers Agric commissioner, (4th right), **Mr Doodei Week**, Bayelsa Agric Commissioner, (1st right) **Mr Manish Mundra**, MD IEPL, **Mr Munish Jindal**, CEO IEFCL and other management staff of Indorama-Nigeria during the visit of Agriculture minister to the fertilizer plant.

2. **Mr Manish Mundra** hands over a souvenir to **Chief Ogbeh**

3. **Mrs Jack** with **Mr Week**, receives a souvenir from MD IEPL

4. **Mr Sampson Fiberesima**, GM of Radio Rivers asks a question to Indorama management team during the visit of radio journalists to Indorama complex on March 23, 2017. Other journalists sit to his right while **Mr A.K Sharma** (left) and other Indorama Management team listen.





- 5. Proceedings at the Rivers State Environment Summit held in Port Harcourt, recently.
- 6. Indorama Director of Resources, **Mr Christian O. Ojobor** discusses with **Dr John Omini** during a visit of officials of the Federal Ministry of Labour (South-South Zone) to Indorama recently.
- 7. Officials of the Fed. Min. of Labour namely **Dr John Omini**, **Mrs Winifred Emy-Nkwota** and **Mrs Grace Adeleye** in group photograph with HR and Operations team of Indorama during their visit.
- 8. **Mr Munish Jindal**, CEO of IEFCL (right), **Ms Sandrina Gomes**, Head of Business Development and **Dr. S. K Srivastava**, Head of Sales and Marketing of IEFCL at the International conference organised by the International Fertilizer Association (IFA) in Morocco recently.



# BusinessDay Editors Storm Indorama's World-class Fertilizer Plant

**Describe the Company's PPP as Nigeria's Best Business Model**

**MD Speaks on various knotty issues!**

Three top editors of *BusinessDay* newspaper, Nigeria's foremost business and economic daily, namely Anthony Osaе-Brown – Editor/Executive Director; Ignatius Chukwu – Regional Editor/General Manager, South-south and South-East zones and Ben Eguzozie - Port Harcourt Bureau Chief, literally stormed the new Indorama world-class fertilizer plant in Port Harcourt, which they believe could see Nigeria out of recession.

The visit, held on Friday, 31st March, 2017, exposed the editors to what they called “a hidden treasure.” It was a well-planned facility visit, which took the editors round the company's petrochemicals and fertilizer plants, through a detailed technical presentation of the Indorama operations in the past ten years, and ending with an insightful interview with the Managing Director of Indorama-Nigeria, Manish Mundra.

On arrival, the *BusinessDay* team was received by Dr. Jossy Nkwocha, head of Corporate Communications and Special Adviser to the Managing Director.

Waiting in the conference room were top company executives, led by A. K Sharma, head of Quality Assurance,

Quality Control (QAQC), who had all gathered to give the editors a rousing welcome. A joint presentation was made by Nkwocha; Dr. M.K Jain, head of Environment and Kendrick Oluka, head of Community Relations and Development.

A guided tour of the plants was the next on the programme. Various engineers and technicians were at every point to explain the working of each facility. The huge network of pipes, columns and equipment that form the petrochemicals and fertilizer plants was simply a sight to behold, the editors confessed.

Two places thrilled the editors the most. These were the state-of-the-art Control Room where all operations of the gigantic fertilizer plant are monitored with

the latest world technology; and the Polyethylene bagging warehouse of the petrochemicals plant, where they witnessed the bagging process of polymer and saw a filled-up warehouse – from where over 650 plastics and allied companies get supply for their raw materials.

It was an awesome experience for the editors who wondered aloud how Indorama operates efficiently and optimally in a country where almost everyone thinks that nothing works. Here is an exception, they enthused.

The *BusinessDay* editor, Mr Osaе-Brown was particularly excited about Indorama's Public Private Partnership (PPP), in which the core investor, the Federal government, the Rivers State government, the host communities and the employees have shares and benefit from the gains of the company. He describes it as an excellent business model worthy of emulation by other corporate organisations in Nigeria.

Indorama's fertilizer plant has capacity for 1.5 million metric tonnes of Urea fertilizer in an annum. The plant was built







in record 36 month at the cost of \$1.5 billion, funded majorly by the International Finance Corporation (IFC) and other national and international lenders.

The plant has the capacity to supply all the fertilizer needs of all farmers across the country, while a surplus of about one million MT are exported to earn foreign exchange. This has put Nigeria on the global fertilizer export map, and enhanced the country's brand reputation.

Indorama's petrochemicals plant, which it acquired through privatisation in 2006, now produce about 45 different grades of polypropylene and polyethylene (polymer resins) which are raw materials for making whole plastic products as well as plastic components for automobiles, beverages, pharmaceuticals, paints, bottles, among others. Indorama is the life wire of many factories across Nigeria.

It is not surprising that Indorama is a strong member of the Manufacturers Association of Nigeria (MAN).

All the information and the facility tour provided the editors the gun-powder for their loaded rifles when they later interviewed the MD, Mr Mundra.

Coming from a newspaper renowned for its incisive business and economic news and analyses, it was well-expected that their questions will focus on how Indorama impacts the Nigerian

economy, the volume of investments, the company's financials, whether Indorama will soon list its shares on the Nigerian Stock Exchange (NSE), among others.

The MD proved he was equal to the task. An excerpt of the interview is reproduced below:

**What have been the biggest challenges for Indorama in the past ten years?**

When we started, the challenge was mostly insecurity because it was restive era when militancy was high. There was a bad experience we had but with the support of the host communities and government, we were able to overcome that era. Since then, the environment has improved. We got shares for the host communities and it led to economic growth in the area. That aspect of fear or insecurity has largely reduced.

Policy framework is one of the

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**Nigeria is strategically located in the Western Hemisphere. You have the horn of Africa on the left and close to Europe and the Americas. You are like \$12 cheaper in freight from the Middle East. Nigeria can easily become the petrochemicals hub of the world because it has amazing shoreline, great location, educated manpower and feedstock. What else do we need?**

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biggest challenges. We still feel that investments in Nigeria need big impetus and large investments such as fertilizer plant need high level of tax exemption. New investors from outside would need major enhancement in terms of policy framework. For instance, if you invest in the region of \$1Bn to \$1.5Bn, the tax exemption should be different. Policy should be put in place in line with global best practices.

There should also be sector-specific tax exemptions. Nigeria being a hydrocarbon zone should have some incentives to those investing in the sector. Taxes should also be graded in strategic locations to attract investments into certain areas that are unique. In an investment like fertilizer, the investor would not have to build pipelines and jetties if it were to be in other countries. This increases the cost with about \$400m.

Policy makers also need to look at non-oil business development policies that can give impetus to investments in Nigeria.

Another challenge is about getting experienced hands in the petrochemicals industry. Even the curriculum in the tertiary institutions is not exciting in training young engineers that would work in the sector. Getting qualified men or cadre level officers is a big challenge.

**What do you see as the potential of the petrochemicals industry in**

**Nigeria, the market size, assuming the conditions were right?**

To help you visualise what the potential is, in the last 15 years, investments in petrochemicals and gas monetisation in the Middle East (Iran, Iraq, UAE, Qatar, etc) has gone to about \$90Bn. As a result, their dependence on crude oil exportation has gone low.

In that same period, Nigeria has seen just one investment (Indorama Eleme Petrochemicals). So, the dependence on oil still remains. The nature of Nigeria and these Middle East nations is the same. Nigeria is about the 7th crude oil power in the world and 7th gas country just as those countries.

These other countries opened the gate for petrochemicals investments some years ago. Nigeria needs to open the same gate because it has huge oil/gas reserves especially the associate gas. If the policy framework is made to attract foreign investors, Nigeria can attract about \$20Bn investments in about three years. The multiplier effect on the foreign exchange revenue of the country can only be imagined. That is a huge potential from petrochemicals.

There is also the advantage of location. Nigeria is strategically located in the Western Hemisphere. You have the horn of Africa on the left and close to Europe and the Americas. You are like \$12 cheaper in freight from the Middle East. Nigeria can easily



## INTERVIEW

become the petrochemicals hub of the world because it has amazing shoreline, great location, educated manpower and feedstock. What else do we need? Nigeria has huge potential.

The whole thing rests on policy and transparency to give people options to invest. They need the confidence that once you enter, the rules won't change in three months or three years, because these are long-term investments. It requires creating an environment of peace.

Nigeria is now absolutely in a good position because democracy has come to stay; transition from one administration to another and another. The insurgency in the north is ebbing and militancy in the Niger Delta is reducing. The business environment is already there. What is needed is good policy framework to attract investors.

### **What is the market share of your fertilizer business, the demand, and how much of the market are you meeting despite these challenges?**

The nameplate capacity is 1.5 million metric tonnes (MMT) of Urea per annum but because of the gas supply gaps, we reduced to between 1.1m to 1.2 MMT. So far, our Urea fertilizer gets to all the nooks and crannies of Nigeria; and helps to boost food supply across the country.

Fertilizer in Nigeria and most of Africa is combination of Urea and NPK (N=nitrogen or Urea, P=Phosphate, K=Potash). Nigeria does not have phosphates but Nigeria needs it. Nigeria does not have phosphate and potash plants. You need to balance out. What we do is manufacture a lot of nitrogen (Urea) and export it to import phosphate and potash.

The philosophy is to manufacture plenty of what you have and export to bring in what you need to meet your



### **We are collaborating with the Federal Government's Presidential Fertilizer Initiative to supply about 360,000 metric tonnes of Urea to blending plants across the country, which in turn produce NPK.**

domestic need. We are collaborating with the Federal Government's Presidential Fertilizer Initiative to supply about 360,000 metric tonnes of Urea to blending plants across the country, which in turn produce NPK. This is a great partnership with the Federal Government of Nigeria. Recently, the Presidential Committee visited our plant here in Port Harcourt and were impressed with our cooperation with the presidential initiative.

So, the true domestic demand of our product is like 500,000 - 600,000 metric tonnes. Because the supply of fertilizer was not heavy over the years, use of fertilizer went down too badly in Nigeria. We strongly feel that in about three years of steady supply of all grades of high quality fertilizers at transparent prices, the usage will grow and the demand will grow to over one million metric tonnes. This will increase food supply exponentially. This will surely help Nigeria stop food importation.

### **So, do you have plans to expand your fertilizer plant, then?**

Yes, we have plans for plant expansion. From the onset, we

knew that Nigeria does not have phosphate and potash. What we did was to have a very big vision and so we acquired a company called ICS in Senegal which is Sub-Saharan Africa's largest phosphate plant. So we produce sulphuric acid and phosphates in Senegal and bring them into Nigeria. This way, Nigeria can produce NPK from both plants through integration of the plants in Nigeria and Senegal. This is a big business opportunity for Nigeria. We are committed in helping Nigeria to exit recession through industrialisation.

### **That is really interesting. We know your fertilizer plant was financed with foreign loans (IFC) and now many companies are having problems paying back, how are you managing this?**

Local banks contributed almost \$140m while the rest came from outside – International Finance Corporation (IFC) and others. We had a grace of currency devaluation built into the loan agreement. And, we have an aspect of our business which involves exporting some of our products to earn foreign exchange. This balances out

things. In about two to four years, we would have enough ability to repay the loans. If we factor these things in, Nigeria is still better off than the regime of imported fertilizers.

### **What is the outlook in feedstock supplies in few years to come; do you have plans to build your own gas plant?**

We have our gas supply partners in ENI-AGIP/NNPC. They are doing investments and we are working very closely with them. We offer our support whenever there is any requirement of support from our side. We envisage getting about 90 per cent feedstock supply. We are very hopeful to be stable in feed stock supply through Agip/NNPC. We have invested in a new gas pipeline to Ob-Ob (Agip gas facility) here in Rivers State, which is 83 kilometres from here.

### **How much has the government realised from this investment since privatisation?**

The Federal government and the Rivers State government are pleased with what they are getting from here in terms of dividend. We can get you the numbers later.

### **Are you looking at listing on the Nigerian Stock Exchange (NSE)?**

Yes.

### **Do you have any timeline?**

It should happen in the next two to three years. To tell you the truth, the market has not been very good. If it had been bullish, we would have done it earlier. The listing will depend on the structure and timing, etc. We intend to list because we have plans to grow. We see huge potentials and we have set our target. We need funds and see the Stock Exchange as the place to secure funds to invest more and more.

*Thank you very much. It's been a great and exciting interview.*



# Radio Journalists Visit Indorama, Observe Company's Environmental Practices



Mr. A. K Sharma, head of QAQC of Indorama conducts the visiting journalists round the company's products display room.

On Thursday, 23rd March 2017, Indorama-Nigeria opened the gates of its expansive complex to a total of 25 executives, news editors, reporters and on-air personalities (OAPs) from all the 12 radio stations operating in Port Harcourt, Rivers State to have a close observation of its environment.

Some of the visiting personalities included Sampson Feberisima, General Manager of Radio Rivers; Fred Nwaulune, General Manager of Treasure FM; Aduratomi Bolade, Head of Station of Cool FM / Wazobia FM; Smart Uzoechi, Head of Station of Family Love FM and Ezekiel Dagogo-Hart, General Manager of Garden City FM.

Some of the popular reporters and OAPs on the visit included Kofi Bartels and MaryAnn Okon of Nigeria Info FM; Akas Baba of Wazobia FM, Ikpai Ezera of Today FM and Chibuchi Chukwu of Raypower FM among others. Those of Network News of the Federal Radio Corporation of Nigeria

(FRCN), Rhythm FM and Wave FM were also there.

The guests were received by top executives of the company namely Mr. A. K Sharma, head of Quality Assurance and Quality Control (QAQC); Dr Jossy Nkwocha, head of Corporate Communications; Dr. Mahendra K. Jain, head of Environment, Mr Kendrick Oluka, head of Community Relations and Development; and Engr. Anda Wai-Ogosu, environment consultant, who is a former President of the Nigeria Environmental Society (NES).

They were given a detailed presentation of IEPL's environmental policies and practices by Dr Jain. It included monthly and quarterly air monitoring in and around the Indorama Complex, as well as the regular environmental monitoring and auditing by seven regulatory agencies, especially the Federal Ministry of Environment, the Rivers State Ministry of Environment, the Department of Petroleum Resources (DPR), the National Environmental Standards and Regulations

Enforcement Agency (NESREA) and the National Oil Spill Detection and Response Agency (NOSDRA).

They were also informed that the International Finance Corporation (IFC), which is a major funder of the Indorama Fertilizer plant, carries out regular environmental audit to ensure that the plant maintains world-class environmental standard.

As the presentation was going on, the journalists asked any question they deemed fit to clarify any issue.

Thereafter, the journalists were conducted around the Indorama petrochemicals and fertilizer complex to observe the plant operations and the environmental practices. The team visited various sections of the fertilizer plant as well as the petrochemicals bagging warehouse.

After about an hour facility tour, the journalists and the Indorama team returned to the boardroom for the Question/Answer session. Indeed, there were a barrage of questions from

the journalists and elaborately answered by Dr Nkwocha, the head of Corporate Communications.

He emphasized that all the Indorama companies in the Complex take pride in its fierce commitment to the protection and preservation of the environment and this is reflected in its QHSE Policy, signed by the Managing Director, framed and hung on the boardroom wall.

The journalists were very concerned about the black soot noticed in various parts of the state and what Indorama could do to help the State Government's effort in solving the problem. Dr Nkwocha said the company is willing and ready to collaborate with the Rivers State Ministry of Environment and other corporate organisations in the state to deploy appropriate technology to locate the source of the black soot and stop it.

In his vote of thanks on behalf of the media team, the General Manager of Radio Rivers, Sir Sampson Fiberesima said the facility tour has afforded them the opportunity to see the



## WORLD ENVIRONMENT DAY

# Stakeholders Decry Actions that Degrade Nature

**Eminent stakeholders in the environment sector have drawn attention to various issues impacting negatively on nature; and commended Indorama-Nigeria companies for their sustainable environment policies and practices within and beyond its complex.**

which sought to get everyone to take right decisions and actions to preserve the environment. In this direction, every participant at the event recited the Indorama Environment Pledge – meant to secure the commitment of everyone to reconnect to nature. .

That theme was also vigorously discussed in a presentation made by Dr. John Onwuteaka, head of Department of Animal and Environmental Biology at the Rivers State University, who was the guest speaker.

Dr. Owuteaka said nature does not need people rather people need nature. Therefore, in trying to reconnect to nature, people must deviate from carrying out activities that will bring about air pollution, water pollution and soil dilapidation.

According to him, such activities include burning of tires, dumping of used water sachets along the roads and gutters, channeling of sewages to gutters and streams, among others.

Mr. Uche Ogbonnaya Onu,

zonal director at FMENV commended Indorama for maintaining good environmental conditions. He also led everyone in reciting the Indorama Environment pledge. "I appreciate Indorama's commitment to sustainable environment."

Mr Raph Nnam, South-south zonal director of NESREA said Indorama has continued to comply with various environmental policies and regulations, which have helped

and encourage them not to relent," he said. "All of us have really disconnected from nature by our actions and inactions. I encourage all of us to retrace our steps, and reconnect to nature," he added.

Prof Confidence Nwachukwu of NES said: "I congratulate Indorama. It has never failed to celebrate world environment day. I commend them for that." He urged the company to continue to do all it can to help preserve the natural environment.

**T**op officials of the Federal Ministry of Environment (FMENV), Rivers State Ministry of Environment (RSMENV), the National Environmental Standard and Regulatory Enforcement Agency (NESREA), Nigeria Environmental Society (NES), etc spoke during the company's celebration of this year's World Environmental Day (WED), on June 12, 2017.

The theme of the 2017 UN-declaration and celebration was "Connecting People to Nature,"

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**All of us have really disconnected from nature by our actions and inactions. I encourage all of us to retrace our steps, and reconnect to nature**

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them to sustain their environment. "This is commendable," he said.

Engr. Maurice Ekwuluo of RSMENV praised Indorama for its dedication to celebrating WED yearly, "I commend them

Engr. Anda Wai-Ogosu, former National President of NES and the company's environment consultant recounted Indorama's effort towards ensuring a sustainable





environment. "From the day Indorama acquired this place, its main aim has been to have good air and good vegetation," he said.

Earlier in an opening remark at the event Mr A.K Sharma, Head of Quality Assurance and Quality Control (QAQC) of Indorama noted that the company marks WED to awaken consciousness towards the preservation of nature. He harped on the need to effectively reduce the effect of climatic change and save natural resources for better life.

Other highlights of the event were presentation of prizes to winners of Indorama's Environmental Awareness competition and tree-planting within the Indorama premises. Dr. M.K Jain, head of Environment department thanked everyone for participating in the programme.



## Indorama Supports, Participates in PH Environment Summit



**Dr Jossy Nkwocha** (right) and **Engr. Felix Okosun** (2nd right) of Indorama explain a point to Speaker of the Rivers State House of Assembly, **Rt. Hon. Ikuinyi-Owaji** and other guests who visited the Indorama stand at the Summit ground.

Indorama-Nigeria group of companies were among major stakeholders in the Environment sector of Rivers State that supported and participated in a two-day Port Harcourt Environmental Summit, organised by the Environment Committee of the Rivers State House of Assembly.

The event with the theme: "Our environment, our heritage: Environmental Sustainability in Rivers State, a right for all" took place from 13th – 14th June, 2017 at the auditorium of the House of Assembly Complex.

Her Excellency, Dr Mrs Ipalibo Harry-Banigo, Deputy Governor who represented the Governor, declared the event open and promised to join hands with the state legislature to support any law that could help to address environment challenges in the state.

Chairman of the House Committee on Environment, Hon. Christian Ahiakwo, in his welcome address identified various environmental challenges that confront the state, which require urgent legislative attention.

These, according to him, include black soot that has threatened the health of residents of Port Harcourt and its environs since December last year; implementation of the UNEP Report on Ogoni clean-up and other oil-bearing communities; sustainable waste management; climate change economy; among others.

Hon. Ahiakwo identified Indorama as one of the corporate organisations that have supported the Summit, which he said was

meant to address the issues and seek legislative solutions to them.

Speaker of the House, Rt. Hon. Ikuinyi-Owaji Ibani, in his address, promised that the resolutions of the Summit would help the House to come up with appropriate legislations to address the problems.

The then Honourable Commissioner for Environment, Prof. Roseline Konya, in her speech spoke spiritedly on the issue of the black soot that was devastating the state.

The Keynote speaker, Rev. Fr. Dr Edward Obi spoke on the theme of the Summit and stated that the issue of environmental suitability concerns everyone and needs the active participation and commitment of everyone in the community. He advocated re-orientation to achieve change of attitude of everyone to see environmental issues as a very serious one.

A communiqué issued at the end of the Summit identified solutions to the issues while the House of Assembly promised to convene a public hearing for various groups to air their views before such solutions can be tuned into laws towards addressing and regulating various activities and practices to ensure environmental sustainability and good health of all residents of the state.

Indorama, which had a pavilion at the Summit ground, was represented by Dr Jossy Nkwocha, head of Corporate Communications; Engr. Felix Okosuns, Safety officer and Engr. Anda Wai-Ogusu, environment consultant.



DR SUKALYAN CHANDRA BASU  
INDORAMA MEDICAL DEPARTMENT



# What is a Stroke?

A stroke, also known as a cerebrovascular accident or CVA is when part of the brain loses its blood supply and the part of the body that the blood-deprived brain cells control stops working. This loss of blood supply can be ischemic because of lack of blood flow, or hemorrhagic because of bleeding into brain tissue. A stroke is a medical emergency because strokes can lead to death or permanent disability. There are opportunities to treat ischemic strokes but that treatment needs to be started in the first few hours after the signs of a stroke begin.

**A** transient ischemic attack (TIA or ministroke) describes an ischemic stroke that is short-lived where the symptoms resolve spontaneously. This situation also requires emergency assessment to try to minimize the risk of a future stroke. By definition, a stroke would be classified as a TIA if all symptoms resolved within 24 hours

A stroke occurs when part of the brain loses its blood supply and stops working. This causes the part of the body that the injured brain controls to stop working.

- A stroke also is called a cerebrovascular accident, CVA, or "brain attack."
- The types of strokes include:
  - Ischemic stroke (part of the brain loses blood flow)
  - Hemorrhagic stroke (bleeding occurs within the brain)
  - Transient ischemic attack
  - TIA, or ministroke (The stroke symptoms resolve within minutes, but may take up to 24 hours on their own without treatment. This is a warning sign that a stroke

may occur in the near future.)

- A stroke is a medical emergency.
- From onset of symptoms, there is only a 3 to 4 1/2 hour window to use clot-busting drugs (thrombolytic) to try to restore blood supply to the affected part of the brain.

Remember FAST if you think someone might be having a stroke:

- Face drooping
- Arm weakness
- Speech difficulty
- Time to call for help.
- Causes of strokes include ischemia (loss of blood supply) or hemorrhage (bleeding) in the brain occurs.
- People at risk for stroke

include those who have high blood pressure, high cholesterol, diabetes, and those who smoke. People with heart rhythm disturbances, especially atrial fibrillation are also at risk.

Stroke is diagnosed by the patient's symptoms, history, and blood and imaging tests.

You can prevent stroke by quitting smoking, controlling blood pressure, maintaining a healthy weight, eating a healthy diet, and exercising on a regular basis.

The prognosis and recovery for a person that has suffered a stroke depends upon the location of the injury to the brain.

## What is the NIH Stroke Scale?

Not all strokes affect the brain equally, and stroke symptoms and signs depend upon the part of the brain affected.

For example, most people's speech center is located in the left half of the brain so a stroke affecting the left side of the brain would affect speech and comprehension. It also would be associated with weakness of the right side of the body.

A right brain stroke would make the left side of the body weak. And depending on where in the brain the injury occurred, the weakness could be the face, arm, leg or a combination of the three.

The NIH Stroke Scale tries to score how severe a stroke might be. It also monitors whether the person's stroke is improving or worsening as times passes as the patient is re-examined.

There are 11 categories that are scored and include whether the patient

- is awake,
- can follow commands,
- can see,
- can move their face, arms and legs,
- has normal body sensations or feelings,
- has speech difficulties, or

**SPOT A STROKE**

**F**

**FACE**  
DROOPING

**A**

**ARM**  
WEAKNESS

**S**

**SPEECH**  
DIFFICULTY

**T**

**TIME**  
TO CALL 911



- has coordination problems.

### What are the risk factors for stroke?

Overall, the most common risk factors for stroke are:

- high blood pressure,
- high cholesterol, smoking
- diabetes and increasing age.

Heart conditions like atrial fibrillation and heart valve disease can also be the potential cause of stroke.

When stroke occurs in younger individuals (less than 50 years old), less common risk factors to be considered include illicit drugs, such as cocaine or amphetamines, ruptured aneurysms, and inherited (genetic) predispositions to abnormal blood clotting. There may be no warning signs of a stroke until it occurs. It is why high blood pressure (hypertension), one of the risk factors for stroke, is called the silent killer.

Some patients may experience transient ischemic attack (TIA) that can be thought of as a stroke that has resolved itself. The symptoms may be mild or dramatic and can mimic a stroke with weakness, numbness, facial droop, and speech difficulties, but these symptoms may only last few minutes. TIAs should not be ignored since they may offer an opportunity to look for potentially reversible or controllable causes of stroke. As well, there is no guarantee that the symptoms of stroke will resolve on their own. For that reason, a TIA should be considered an emergency and medical care should be accessed.

### What are the signs and symptoms of a stroke?

Symptoms of stroke depend upon what are of the brain has stopped working due to loss of its blood supply. Often, the patient may present with multiple symptoms including the following:

- Acute change in level of consciousness or confusion
- Acute onset of weakness or paralysis of half or part of the body
- Numbness of one half or part of the body
- Partial vision loss Double vision
- Difficulty speaking or understanding speech
- Difficulty with balance and vertigo

The symptoms of ischemic and hemorrhagic stroke may be the same but patients with hemorrhagic stroke may also complain more of headache and vomiting.

### What are the types of stroke?

Strokes are usually classified by what mechanism caused the loss of the blood supply, either ischemic or hemorrhagic. A stroke may also be described by what part of the brain was affected (for example, a right temporal stroke) and what part of the body stopped working (stroke affecting the left arm).

### Ischemic stroke

An ischemic stroke is caused by an artery in the brain being obstructed or blocked, preventing oxygen-rich blood from being delivered to brain cells. The artery

can be blocked in a couple of ways. In a thrombotic stroke, an artery can narrow over time because of cholesterol buildup, called plaque. If that plaque ruptures, a clot is formed at the site and prevents blood from passing to brain cells downstream, which are then deprived of oxygen.

### Hemorrhagic stroke

When a blood vessels leaks and spills blood into brain tissue, those brain cells stop working. The bleeding or hemorrhage is often due to poorly-controlled high blood pressure that weakens the wall of an artery over time. Blood may also leak from an aneurysm, a congenital weakness or ballooning of an artery wall or from a congenital abnormality where an artery and vein connect incorrectly. The bleeding can form a hematoma that directly damages brain cells and may also cause swelling that puts further pressure on surrounding brain tissue.

### What is the treatment for stroke?

If the diagnosis of ischemic stroke has been made, there is a window of time when thrombolytic therapy using tPA (tissue plasminogen activator) may be an option. tPA dissolves the clot that is blocking an artery in the brain and restore blood supply. For many patients, that time window is 3 hours after the onset of symptoms. In a select group of patients, that time frame may be extended to 4.5 hours.

Hemorrhagic strokes are difficult to treat and a specialist (neurosurgeon) should be consulted immediately to help determine if any treatment

options are available to the patient (possibly aneurysm clipping, hematoma evacuation, or other techniques).

### Is recovery after a stroke possible?

The ability to intervene in the acute stroke and to try to restore blood supply to brain tissue increases the likelihood that stroke victims can be rescued and brain damage minimized.

In patients who have physical, mental, and emotional deficits because of the stroke, rehabilitation offers hope of increased function and return to the level of activity that they had prior to the stroke.

Again, the best treatment for stroke is prevention and minimizing risk factors for not only stroke but for heart attack and peripheral vascular disease (PAD).

### Can strokes be prevented?

Prevention is always the best treatment, especially when the illness can be life-threatening or life-altering. Ischemic strokes are most often caused by atherosclerosis, or hardening of the arteries, and carry the same risk factors as heart attacks (myocardial infarction, coronary artery disease) and peripheral vascular disease. These include high blood pressure, high cholesterol, diabetes, and smoking. Stopping smoking and keeping the other three under lifelong control greatly minimizes the risk of ischemic stroke.

## BOOK PRESENTATION

**H**ead of Corporate Communications of Indorama-Nigeria, Dr Jossy Nkwocha has written a book titled

Reputation Management & Branding: With Nigerian Case Studies. Prof. Pat Utomi, an eminent scholar and co-founder of the Lagos Business School wrote the foreword of the 296-page book, which addresses image and reputation risks, challenges and solutions in business and



## Indorama Spokesman unveils Reputation Book

various subjects including specialized branches of reputation management, major strategies in reputation management, key drivers and benefits of reputation management, Strategic communication, Ethics in reputation management in Nigeria, among others.

The book has enjoyed positive reviews. Since 1999, Dr Nkwocha has authored three major books on public relations management.

government.

The book has 13 chapters dealing with



# Most Nigerian Soils are Deficient of Nitrogen and therefore need Urea fertilizer!

**Indorama Fertilizer's Chief Agronomist and head of the Agronomy Services Section, DR BALBIR SINGH speaks on the nature of Nigerian soils and various agronomy services that Indorama renders to farmers to make them more enlightened to use more fertilizer to boost their crop harvest.**



**What kind of agronomy services is Indorama offering Nigerian farmers?**

Indorama is highly committed on farmers' training and education, and is offering the farmers many agronomic advisory services through trained agronomists, soil testing, distribution of best crop management practice folders, field demonstrations on fertilizer management, field farmer training on demonstration fields, use of audio and video, TV programmes, web training (uploaded Crop management practice on website), crop nutrient deficiency chart distribution for easy diagnosis etc. (please see Table of Indorama Agronomic services)

**What is the nature of the Nigerian soil vis-à-vis the usage of fertilizers?**

As Nigerian soils are sub-tropical, approximately 90% of the soils are deficient in Nitrogen, severe deficiency is in Northern parts, 50% soils are deficient in Phosphorus and Potassium, 65% in organic carbon, 80% in Zinc and 60% in Boron (there is a map that shows all these). Nigerian fertilizer use is very low approximately 20 kg/ha while the world average is apx 110/kg

and advanced countries are using above 200 Kg/ha. The low-use condition is further worsened by spurious and low quality fertilizers. We are training farmers to use good quality seeds, balanced fertilizers, use of compost to utilize farm waste and advanced farming technologies.

**What crops can grow with Indorama Urea fertilizer;**

**Indorama granular urea supplies 46% Nitrogen, which is the essential nutrient for any plant to have good vegetative growth,**

please name at least 15 across the country (North, West, East and South parts). Indorama granular urea supplies 46% Nitrogen, which is the essential nutrient for any plant to have good vegetative growth, as it is part of chlorophyll. It also helps in protein synthesis. Cereal crops such as maize, rice, wheat and sorghum require high nitrogen (Urea) as these crops produce more grains. Sugarcane, cotton, tomato, chilli, egg-plant,

banana, papaya, cauliflower, cabbage, spinach etc need high nitrogen due to more biomass production. Yam, cassava, soybean, sesame, etc also need nitrogen but little less in comparison to above crops.

**How is Indorama empowering local agronomists and extension workers?**

Indorama is currently having 13 local agronomists for farmers' training and education across

**Is Indorama collaborating with research institutes on this?**

Indorama is having fertilizer bio-efficacy research and technology transfer collaboration with Ahmadu Bello University (ABU) Zaria, Federal College of Agriculture Produce and Technology, Kano and Audo Bako College of Agriculture, Dambata. In association with these institutes, we are doing fertilizer research trials at research farms, farmers' training on crop and fertilizer management, regulatory and policy recommendations, etc. In addition of it, we have collaboration with international development partners as well eg. IFDC (International fertilizer Development Centre), AFAP (African Fertilizer and Agribusiness Partnership) USAID, GIC (Green Innovation Center), GIZ (Deutsche Gesellschaft für Internationale Zusammenarbeit); CARI (Competitive Africa Rice Initiative); IFDC (International fertilizer Development Centre); Propcom (Propcom Mai-karfi); BnMGF (Bill and Malinda Gates Foundation), OXFAM (Oxfam International) and IPNI (International Plant Nutrition Institute) for farmers' education and training..





# The Human Blood

## GIFT OR MERCHANDISE

**The 14th day of June is celebrated as World Blood Donor Day (WBDD) around the world by countries and organizations. It was first marked in 2004 and it is aimed at raising public awareness about the need for safe, voluntary, non-remunerated and, frequent blood donation by screened, healthy persons. The World Health Organization (WHO) which spearheads this event has tagged this year's WBDD as: "Give blood, Give now, Give often."**

**The** date (14th June) is the birthday of Karl Landsteiner, an Austrian physician who discovered the first three blood groups in 1901. However, the first recorded successful blood transfusions were in 1667 by Physician Richard Lower, Jean-Baptiste and Edmund King; transfusing the blood of sheep to humans.

For any substance to be regarded as gift-worthy or merchandise, it means it is valuable. The functions that the blood performs are pivotal to the survival of every system, organ, tissue and cell of the body. These essential and indispensable functions are carried out by its specialized components. The components of the human blood are: plasma, red blood cells, white blood cells and platelets. These functions show the importance of blood that it is here being considered a gift or merchandise.

It is absolute vanity to offer the pivotal substance to human physiology in exchange for money. The only worthy exchange for life is life. Blood is worth giving to save another life not for money. Fortunately, every healthy person will

naturally produce more blood cells and replace back their donated blood as a free gift of nature. So therefore, blood donated is not a permanent loss, it will eventually be replaced.

After production, the blood cells function over a period (life span) and are then destroyed by the body to be replaced by new cells. The red blood cells have a life span of 120 days; the platelets, 8-9 days and the

those whose job it is, we aren't often in a situation to give life-saving help which every good and selfless person would wish to do for people in desperation. Gladly, donating your blood is like sending a part of you to be on duty for a time of need. The clinical need for blood transfusion is broadly to save lives and improve health.

Unfortunately, not every willing person will be eligible to donate blood to the blood bank. An

**healthy person will naturally produce more blood cells and replace back their donated blood as a free gift of nature**

white blood cells vary from hours to days to years, depending on the sub-type of white blood cell. Thus, the recipient of blood donation is not permanently carrying the blood of the donor unlike in organ donation e.g. kidney donation.

Blood donation is one of the noblest things a person can do. So also, it is the most ignoble thing to ask to be paid to do the same. They are just two sides of the same coin. Except for

eligible person must be between the age range of 17 to 70 years, healthy and fit, weigh above 50kg, haemoglobin level >13g/dL for men and >12g/dL for women, must test negative to HIV, Hepatitis B virus, Hepatitis C virus and syphilis.

There must be no history of Ebola or Zika virus infection, must have blood pressure below 180/100mmHg but not hypotensive (low blood pressure), must not have any bleeding condition or blood

dyscrasias, must not have history of haematological cancers, must not be within 4 weeks of receiving vaccinations for measles, mumps, rubella, polio, yellow fever and hepatitis B, must not be pregnant or within 6 weeks after pregnancy.

The process of donation is quite simple and not painful; the needle prick sensation is almost as a mosquito bite. The volume of blood collected at once is 450 millilitres, which is less than 10% of an adult total blood volume. The fluid loss is replaced by the body in 36 hours.

It is recommended that you maintain your usual diet before donation but take note to avoid fatty and or oily meals which may result in lipaemic donation that may need to be discarded. An intake of half a litre of water just before donation reduces the risk of vasovagal syncope. You may also be advised to sit for a while after donation. You will be ready to donate again after 4 months.

It is unarguably human to desire financial profit for anything we can offer that is valuable and in demand, however, the virtues of life are beyond monetary rewards. We can commercialize every other thing but let us just make one decision for humanity; don't commercialize the human blood. Blood donation should never be a source of income. It is a free gift of life, donate now and donate often.





Engr. Sylvester Enyinda (in orange coloured traditional attire and bowler hat) with his wife in group photographs with colleagues and friends at the event.

## Emotions as colleagues, friends bid farewell to Sylvester Enyinda

There was positive outpouring of emotions as friends and colleagues of retiring Engineer Sylvester Enyinda, arranged a get-together in his honour to bid him farewell on May 5, 2017 at the Indorama Recreation Club.

Engr. Sylvester who until his retirement was workshop manager and safety ambassador joined Indorama Eleme Petrochemicals Limited on November 2, 2006.

"My journey in Indorama Eleme Petrochemicals limited started on November 2, 2006 after I had worked with some engineering companies. My journey here was really blissful with lots of experiences, good feelings and good people. My colleagues are like a family. We did it all together".

In a deluge of tributes colleagues and friends described his performance and achievements in the company as a remarkable foot print and a legacy that they will emulate to improve productivity in the company. They said he was both competent and effective in discharging his functions as a professional.

Mr Pradeep Pawar, Safety Manager said Sylvester was one of his best colleagues. "As a safety ambassador, he is one of the best we have here in Indorama and regarding his professional life, he

still has much to do. I wish him good luck, good health and success".

Mr. Kalu Anthony of Engineering described Mr. Sylvester as a cool headed engineer that knows his job. "As coordinator of safety as an ambassador, he is excellent. As for machine shop, he is an expert," he said.

Mr. Ebere Emeaba, of Instrument department said "he has imparted much on us, not just in the work place but outside work place. I could remember one of the days he asked us whether if we have fire extinguishers in our kitchen. He cares for us even beyond the working environment."

Milin Shah of CES workshop said from his association with Mr. Sylvester over the last two years, he has found him to be of impressive personality. "He is a professional safety ambassador. He is so humble and very clear about his job role and what he is doing. I have never seen such professional like him, am really impressed with him".

Mr. Ernest Ugorji, of engineering added that Mr. Sylvester is very hard working man. "He is someone we know that knows almost everything. Generally, he talks to everybody like a father. I pray wherever he is going, may the good things he has done follow him" he prayed.

On his part Mr. Udo Abaja of mechanical said "I started with together here in Indorama with Mr. Sylvester the same day. Ever since then, we all can testify that we have benefited one thing or the other from him", while Mr. Eze Luke, of Olefins described him thus: "Engr. Sylvester is a very special person, as he is special to me so is he to everybody. He is somebody I have ever known to be very intelligent and above all he is unassuming. That is, he is somebody that you

can never fathom the class he is except when he is performing. It is when you see him in action you will understand that he is somebody who is operating from a high level.

The gathering which was laced with emotions and memorable feelings came to a closure with group photographs, presentation of gifts to the celebrant and entertainment lots more.

### Olefins honours late Mr. Vincent



Staff and contractors of Olefins plant on 2nd June, 2017 organized service of songs in honour of late Mr Vincent Imonitie who died on 1st May, 2017. Tributes to his memory rang out very loud at the event. Mr. Eze Charmi, chairman of NUPENG said "Mr. Vincent is one of our strong members. He is not immediately replaceable as he was known as "mechanical guru". He is survived by wife Mrs Blessing and daughter, Osaremi. He was buried on June 10, 2017 at his hometown in Esan Central LGA of Edo state.





1. **Dr Gideon Olorunpomi** and his wife former **Miss Imaobong Cyril** at their wedding on 22nd of April 2017 at Living Faith Church, Uyo, Akwa Ibom state

2. **Fred Owate** of Security Department and his wife, **Esther Fred Owate** at the dedication of their son, Master **Majesty Olaka Fred Owate** on 9th April, 2017 at the Anglican Church of the Holy Spirit, Aleto.

3. **Sir Jossy Nkwocha** of Corporate Communications with his wife **Lady Joy** during their marriage silver jubilee celebration on 24th June, 2017

4. **Mr. Kendrick Oluka**, (2nd left), **Mr. Pradeep Ekka**, (1st left) and other HR team members during a birthday celebration of **Mr. Oluka**.

5. Participants at the World Environment Day celebration at Indorama recently. In front row are some senior executives of Indorama-Nigeria.

6. **Mr. Sylvester Eyindah** and his wife (1st left) receives a souvenir from **Mr. Pradeep Pauer**, Safety Manager (1st right) and **Mr. Muahan Putta** (2nd right) of Mechanical dept. During a send-forth party.





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Largest Single  
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per annum capacity**



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