



INSIDE

NIGERIA @64
INDORAMA ROLLS
OUT THE DRUMS



INDORAMA-NIGERIA

IMPACT

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**Again, House of
Reps Committees
Commend Indorama**

**MAN President
tours Indorama**

**HEALTHCARE:
The dangers of Mpox**

INDORAMA COMPLETES 5TH TAM

...Maintenance culture at it's best!

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

MD'S MESSAGE

Dear colleagues and friends,

For seven years now, we have shown in our own little way that Nigeria is a great country and we will contribute to make it greater through our worldclass products and services in achieving wholesome industrialisation and food security in the country.

On Monday, 30th September 2024, Indorama-Nigeria organized a spectacular event to mark her 64th Independence Anniversary celebration. Our top Management staff engaged in Walk for Health; our female staff competed in a 200m race while representatives of various departments/plants engaged in Unity Relay Marathon that was so exciting. I sincerely commend all the participants and winners.

Most important, we organized a public lecture titled "Nigeria at 64: Enhancing our Brotherhood." It was delivered by Dr Ike Neliaku, President of the Nigerian Institute of Public Relations (NIPR). It was quite stimulating and appeals to every Nigerian on the need to uphold our brotherhood as enshrined in the re-adopted National Anthem.

I wish to congratulate and felicitate with Their Excellencies, Bola Ahmed Tinubu, President and Commander-in-Chief of the Federal Republic of Nigeria; Sir Siminilayi Fubara, Governor of our host Rivers State and indeed all Nigerians on this auspicious occasion.



His Excellency, President
Bola Ahmed Tinubu



His Excellency, Governor
Siminilayi Fubara



Mr. Manish Mundra,
MD Indorama

We also recorded another success story. From 19th August – 12th September 2024, we successfully completed the 5th Turnaround Maintenance (TAM) of our petrochemical's plants and other facilities. It is my pleasure to commend all the teams, who worked assiduously for the careful planning, execution and re-commissioning of the plants and facilities. Our maintenance culture stands us out and it is one of the high points of our brand reputation.

The construction of Train 3 of our Fertilizer Plant is going on as planned. I also commend our financial and technical partners for a good job.

On the downside of things, we must remember that in the 3rd Quarter of the year 2024, the domestic and international economic dynamics are still in distress. But we in top Management and with the cooperation of our employees, contractors, regulators, customers, community, among others, we will continue to keep our heads above water.

MANISH MUNDRA

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

Letter of appreciation

I wish to express my gratitude and heartfelt appreciation for the outstanding renovation work carried out on the Officer Training School Transit Block 28 at the Nigerian Air Force Base, Port Harcourt. The quality of the renovation exceeded our expectations in every way.

From the initial planning stages to the finishing, your team demonstrated exceptional professionalism, dedication, and attention to details. The transformation of the rooms has significantly improved the comfort and living conditions of personnel with a positive impact on operational efficiency.

On behalf of officers, airmen/airwomen of 115 Special Operation Group, I thank you most sincerely for boosting the morale of the personnel as the renovated rooms are all wearing new look with modern touch. Please convey my sincere gratitude to everyone involved in this project. Your team's hard work and commitment to excellence are evident in the superb results.

Air Commodore AH Idris,
Commander, Headquarters, 115 Special Operations Group
Nigerian Air Force Group
Port Harcourt

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EDITOR'S NOTE

Dear esteemed readers,

Our IMPACT Magazine in October is usually a Special Edition. It is a time for us to celebrate Nigeria, showcase the beauty and treasures of the country and to seek solutions to its challenges.

This year was not different. We marked the day with special events climaxed with a lecture titled "Nigeria @ 64: Enhancing Our Brotherhood" delivered by the President of the Nigerian Institute of Public Relations, Dr Ike Neliaku, fnipr. We have all the details of the celebration in this magazine.

We also, celebrated our successful completion of the 5th Turnaround Maintenance (TAM) of our petrochemicals plants and utilities. This edition of IMPACT, has devoted five pages to different aspects of the exercise with photographs.

We had many corporate visits. For instance, members of the House of Representatives' Committees on Petroleum Resources (Downstream) and (Midstream) visited our Petrochemicals and Fertilizer Complex. The President of the Manufacturers Association of Nigeria (MAN), Otumba Francis Meshioye and his entourage

also visited. The stories and those of others are quite interesting.

As usual, enjoy this edition of IMPACT magazine and send us your comments through my email jossy.nkwocha@indorama.com or by hard copy.

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COVER STORY

By Chinedum Emeana

We have come, we have seen, we are very pleased!

- House of Reps' Committees

On 27th July 2024, members of the House of Representatives' Committees on Petroleum Resources (Downstream) and (Midstream) conducted a working visit to Indorama-Nigeria's Petrochemicals and Fertilizer Complex. The lawmakers were warmly received by the Chief Executive Officer (CEO), Indorama Fertilizer Mr. Munish Jindal and his team of executives. Mr. Jindal, who led other Indorama management team to welcome the guests at the company's Boardroom, thanked them for the initiative to come and see firsthand for themselves and provide guidance to help the company continue on its growth trajectory.

He made a PowerPoint presentation to the Legislators which highlighted Indorama's global manufacturing capacity, its market leadership in petrochemicals and Fertilizer, the company's beginning, where it is in its growth journey and its success story in Nigeria involving the revitalization of the

petrochemicals' plants and addition of 28 new grades of polymers.

The presentation also took the guests through the company's diversification to Fertilizer manufacturing following the construction of Trains 1 and 2 Fertilizer Plants, as well as the ongoing Train 3 construction thus aligning with

the federal government's Gas Master Plan and Indorama-Fertilizer's ongoing positive impact in ensuring food security in the country.

The detailed presentation also showed Indorama's investment in a state-of-the-art jetty at Onne Port Complex to enable the company to export its bulk





fertilizer.

Thereafter the lawmakers were taken on a tour of various facilities in the Complex including the Fertilizer Train 2 Control Room, the construction site of the Fertilizer Train 3, a bus-ride through the petrochemicals and fertilizer plants; the fertilizer bagging and loading section; the Soil laboratory and the Product Display Room.

"It was an eye-opening experience of a sort," said some of the guests.

Upon their return to the Company boardroom, Downstream Committee Chairman Hon. Ugochinyere Ikeagwuonu (Ikenga) expressed his satisfaction with the visit, stating, "We have come, we have seen, we are very pleased."

He commended Indorama Group for transforming the previously moribund facility into a thriving economic catalyst, producing highly needed products, generating employment and promoting wholesome economic growth of Nigeria.

He described Indorama-Nigeria as an economic backbone of several other companies in the downstream sector and allied industries who use the Indorama polymer resins as raw materials for their manufacturing activities and survival. "Those companies also create jobs for many Nigerians," he said.

He assured that the company has an ally in the House of Representatives' Committee on Petroleum Resources (Downstream), urging Indorama management to consider "us as partners in progress of the nation."

He added that the Indorama's equity ownership model, where all critical stakeholders (such as the Federal Government, State Government, the host communities and employees) hold equity shares should be emulated across other industries to promote industrial harmony and economic growth in the country.

Hon. Marie E. Ebikakie, representing the Chairman of the Committee on

Petroleum Resources (Midstream) also praised the visible transformation of the complex since her last visit to the Complex in 2003. She lauded the harmonious working relationship between expatriate and Nigerian personnel as well as the host communities.

Apart from Mr Jindal, Indorama team that welcomed the guests included Dr Jossy Nkwocha, head of Corporate Communications; Mr. Kendrick Oluka, head of Community Relations and Development, Mr PJS Bajwa, head of fertilizer operations; and Mr A.K Sharma, head of the Quality Assurance and Quality Control (QAQC).

Others were: Eva Onyebuoha, Manager (Human Resources); Orijei Uduma of Learning and Development Section; Mr Akinola Olayinka, the Plant Shift Superintendent (PSS) on duty; Mr Tosin Adalumo, manager Materials Management Department (MMD), Bashir Mohammed, Safety officer among others.

MAN President hails Indorama's contributions to Nigeria's



The President of the Manufacturers Association of Nigeria (MAN), Otumba Francis Meshioye, has praised Indorama's significant contributions to Nigeria's economic development. During a tour of the Indorama Petrochemicals and Fertilizer Complex on 2nd September 2024, Meshioye acknowledged Indorama as a pivotal industry driving Nigeria's economic growth.

Accompanied by MAN officials, including Director-General Segun Ajayi-Kadir, Rivers/Bayelsa MAN Chairman Elder Vincent Okuku, among others, the tour showcased Indorama's petrochemicals and fertilizer plants and state-of-the-art facilities.

Because of ongoing Turnaround Maintenance (TAM), the tour took the MAN team around the periphery of the petrochemicals plants in a bus, before heading through the fertilizer plant Train 1 and stop-overs at the Train 2 Control Room, the Product Handling section (Bagging), the Soil Laboratory and the Indorama Product Display Room, where the visitor saw firsthand how Indorama's products are used as raw materials in manufacturing familiar household and industrial items.

Other MAN officials on the president's entourage included the Vice Chairman of Rivers/Bayelsa branch, Engr. Uba Obasi; Joseph Emoleke, Kanayo Iwuchukwu, Olufemi Oluwabunmi, Salami Musa, Mrs Timi Opuala-Charles and Barr. Apaemi Minaibim.

The visit to Indorama was part of events around the National Council Meeting of MAN which took place in Port Harcourt on Wednesday 10th September 2024.

Meshioye emphasized the importance of the petrochemicals industry in national development, commending Indorama for converting natural resources into essential materials for everyday products. He also appreciated the company's efforts in salvaging the plant after privatization and its commitment to supplying fertilizers to Nigerian farmers before exporting its surplus production.

Referring to the on-going TAM, the MAN President lauded Indorama's "thoughtful and futuristic management" for prioritizing maintenance to ensure optimal production. He assured the management of MAN's support in addressing any operational challenges.

Indorama's Chief Technical Officer

(CTO), Mr. Deepu Sivadas, welcomed the MAN team and explained the TAM process. He highlighted the challenges faced by the company, including inadequate gas supplies since 2018, which has led to increased production costs, as the company is compelled to depend on alternative sources of gas feedstock.

Indorama team which received the MAN delegation also included Mr PJS Bajwa, Dr Jossy Nkwocha, Mrs Eva Onyebuoha, J. Jayaprakash, Akinola Olayinka, Bashier Mohammed, Oriji Uduma, Adalumo Tosin, and Ayawari Dagana.

The visit concluded with a vote of appreciation from MAN's Director-General, Mr Ajayi-Kadiri who expressed gratitude to Indorama management for hosting the MAN president and his entourage despite being occupied in a comprehensive turnaround maintenance activity.

He noted that Indorama and MAN has a long history, noting that discussions on issues raised during the visit will continue. Thereafter, corporate souvenirs were presented to the president and the DG before the guests departed.

Immigration's Comptroller Commends Indorama's Perseverance and Compliance

Comptroller of the Nigerian Immigration Service (NIS), Rivers State Command, F.U Nwanneka, has commended Indorama-Nigeria's management for their resilience and compliance in contributing to Nigeria's economic development despite facing significant challenges.

During a working visit to Indorama on Monday, 29th July 2024, Nwanneka acknowledged the company's substantial contributions to the economic development of Nigeria, expressing admiration for the company's journey of progress and excellence.

Nwanneka also praised Indorama for its commitment to regulatory compliance, citing their top ranking position in the recently released Immigration Compliance Report. "Indorama does everything properly," she noted.

She visited with the Command's

Public Relations Officer (PRO), Chukwuebuka Nwosu, and other officers including Z.M Garba, Roland Agi, Ferdinand Itonyo and A.P Sotonye.

Mr. Pradeep Ekka, Head of Function, Human Resources at Indorama, had earlier welcomed Nwanneka and presented an overview of the company's history, growth, and value creation. He highlighted Indorama's expansion plans, including a plan for new methanol project, and emphasized the company's focus on stakeholders' benefits and industrial harmony.

The immigration team toured the company's facilities, guided by Plant Shift Superintendent (PSS), Engr. Charles Onuoha. They visited Fertilizer Train 2 Control Room where Usman Ubam of Ammonia Plant and Ifesinachi Onuorah of Urea Plant explained to them the production processes.

The immigration boss also toured the Indorama Free Trade Zone Area. Nwanneka reiterated her appreciation for Indorama's positive contributions to Nigeria's economy and assured the company of the Nigeria Immigration Service's support in facilitating their activities.

The visit concluded with an exchange of souvenirs and an expression of gratitude from Indorama's Industrial Relations manager Mr. Wenenda Chinda for the visit and the continued support of the Nigeria Immigration Service.

The Indorama team that received the immigration guests includes Eva Onyebuoha, Orie Uduma, Pankaj Vyas, Tolulope Oladeji, Joseph Micloth, Walter Ojevwe and Chinedum Emeana. Also, around to welcome the immigration team were Abdulkadir Ibrahim and Kelechi Nwagbo, resident officers of the Nigeria Export Processing Zones Authority (NEPZA).



COVER STORY

By Charles Chima Wosu



INDORAMA COMPLETES 5TH TAM!

The 5th Turnaround Maintenance (TAM) of Indorama Eleme Petrochemicals Limited (IEPL) in Port Harcourt, Rivers State, Nigeria commenced on Monday 19th August 2024 and was completed in record time on Thursday 12th September 2024. Prior to this TAM, Indorama had carried out 1st, 2nd, 3rd and 4th TAMs in May- August 2006; 16th February- 11th March 2010; 19th May – 9th June 2014 and 4th October – 28th October 2019 respectively.

The 5th Turnaround Maintenance (TAM) of Indorama Eleme Petrochemicals Limited (IEPL) in Port Harcourt, Rivers State, Nigeria commenced on Monday 19th August 2024 and was completed in record time on Thursday 12th September 2024.

At the various operational plants namely Olefins, Polyethylene (PE), Butene-1, Polypropylene (PP), Power Plant, Utilities, Offsite and Effluent Treatment Plant (ETP) certain critical equipment were shut down for required inspection, cleaning and maintenance tasks.

As part of the proper planning, equipment, spare parts and chemicals were procured and strategically located across the plants. Cranes, fire trucks, medical ambulance and safety-related gadgets and equipment were well positioned throughout the TAM.

Staff from operations, technical, maintenance, medical, fire, safety, security, community relation and development, welfare, contractors as well as officials of Nigerian Midstream and Downstream Petroleum Regulatory Authority- NMDPRA were all over the plants. Works were round the clock and all hands were on deck

to achieve the TAM.

Turnaround Maintenance (TAM) is a periodic maintenance in which plant is shut down to allow for inspection, repairs, replacements and overhauls that can be carried out only when the plant and facilities are out of service.

It is an essential activity in process industry including petrochemicals, refinery, fertilizers among others. It plays an important role in maintaining consistent and productive capacity. It is a major project that requires sound planning, execution and control.





TAM is one of the most important maintenance strategies that minimizes the risk of production losses by ensuring reliable equipment, it increases equipment asset, ensures continued production integrity and reduces the risk of unscheduled outages or catastrophic failures.

In addition, it increases the reliability and availability of equipment during plant operation, improves efficiency and throughput of the plant, reduces routine maintenance costs, makes plant safe to operate, achieves the best quality of workforce, upgrades technology (introducing modern equipment and techniques) and modifies existing equipment to cope with operational, regulatory, legal and environmental requirements.

During TAM in Indorama Nigeria, the following types of maintenance work were carried out: upgrading equipment and introducing new technologies to improve speed and efficiency; attending to operational defects that had been pointed out during plant operation but cannot be rectified or repaired until the extended time of Turnaround Maintenance (TAM); maintenance work which cannot be done while equipment is in operation but requires a lengthy period for maintenance and large number of maintenance personnel as well as working on equipment which cannot be done unless the whole plant is shut down.



INTERVIEWS

By Charles Chima Wosu

INDORAMA'S 5TH TAM

REGULATORS, STAFF SPEAK

In the interviews below, regulators and staff of Indorama-Nigeria share their experiences and perspectives on the 5th Turnaround Maintenance (TAM) carried out between 19th August and 12th September 2024.



• Chibuzor



• Akpana



• Israel



• Patil



• Venkatarao



• Neeraj



• Eugene



• Vincent



• Raphael



• Opukari



• Jude

The milestones recorded during the TAM were quite commendable

--- Mr Chibuike Chibuzor (Nigerian Midstream & Downstream Petroleum Regulatory Authority - NMDPRA) The DBN and TAM projects at Indorama Eleme Petrochemicals Limited (IEPL) had been inspected under my leadership. The commitment and strides of both the Management and staff overwhelmed my team. The milestones recorded during the TAM were quite commendable.

I applaud this company for excellent performance!

--- Engr. Paul Akpana (Nigerian Midstream & Downstream Petroleum Regulatory Authority - NMDPRA) The TAM at IEPL started and finished as planned. With this magnitude of Indorama's investment, it is incumbent upon us as regulatory body to ensure that the company succeeds. I applaud this company for excellent performance in both the TAM and pre-start review. In addition, Indorama and its vendors were very cooperative in information dissemination.

The TAM was characterised by Strategic planning --- Venkatarao Bodda (Olefins Plant) There are great improvements in this TAM when compared with previous ones of 2006, 2010, 2014 and 2019. In fact, it was characterized by strategic planning between operational and maintenance

crew which was worthy of emulation. I give kudos to everyone for making the 5th TAM a huge success.

Both our Management and Staff demonstrated great commitment!

--- Israel Nwafor (PE Plant) Prior to the take-off date of this TAM, minor maintenance jobs were carried out

to ensure seamless TAM. Our plant was shut down and decontamination of hydrocarbons was carried out. It is interesting to state that we at Polyethylene Plant assiduously combined both the DBN and TAM related jobs within the time slated for the TAM.



• Maxwell



• Kunal



• Sagar



• Anthony



• Narendra



• Bassey

The impact of the TAM on production will be very significant! --- Vishwas Patil (PP Plant) As the executor for the PP Plant, this maintenance allowed us to thoroughly inspect and service key equipment aimed at optimal performance and reliability of the plant.

The impact on production is significant; we can expect improved efficiency, reduced downtime, and enhanced safety in the operation of the plant.

Additionally, addressing potential issues proactively during the period minimizes the risk of unexpected failures in the future, ultimately supporting our production targets and overall operational excellence.

There was no accident throughout the TAM --- Bassey Offiong (Olefins Plant) A lot of jobs were planned and executed on record time. The TAM gave the participating staff the opportunities to increase their experiences and have lots of on spot knowledge of the internal components of various equipment. There was no accident throughout the TAM despite the quest for speedy completion.

The TAM was a huge success story --- Maxwell Uloko (PE Plant) It is important to state that the various modifications evident in both Polyethylene Plant and Butene-1 Plant were to increase the plant capacity and efficiency. For example, the installation of VAM Chiller Unit would provide chilled water at 10 degrees Celsius as against the initial Ambient temperature of 35 degrees Celsius for the end users such as Distillation area and Reaction area.

Everyone at Polyethylene (PE) Plant approached and courageously accomplished all tasks stipulated in the TAM.

I commend our Management for the proper planning! --- Narendra

Rawat Ringh (Olefins plant) It was an excellent TAM despite the challenge of heavy rain fall few days when the TAM commenced. The understanding, commitment and support of staff made the huge success possible. I commend Indorama management for the finance, proper planning and logistics.

Indorama's Maintenance Culture is worth emulation! --- Vincent Edamwe Uwuigbo (PP Plant) The just concluded TAM was good for the reliability of the plant and its resulting productivity. Also, it would greatly contribute to the economy of Nigeria. This commendable maintenance culture of Indorama should be emulated by others.

The supports received from contractors were quite encouraging --- Neeraj Roy (PE Plant) The quantum of mechanical, electrical and instrument jobs executed during this TAM was huge. It is a thing of joy that it ended on a safe note. I wish to use this medium to appreciate the management of Indorama who provided everything needed for the smooth execution of the TAM.

HSEF played a key role in the success of the TAM --- Dr. Eugene Viele (PP Plant) The unwavering commitment of all Safety Committee members, Safety Ambassadors and Safety Warders during the TAM ensured that safety procedures were fully followed resulting to no casualty or accident.

Proper planning of this TAM ensured its timely completion! --- Raphael Eeba Nwidoh (Power Plant Utilities & Offsite) The proper planning of this TAM ensured its timely completion. In addition, all needed new equipment, spare parts, chemicals etc. were procured in good time and readily available at different locations. This greatly avoided job delays.

Our staff and contractors demonstrated commitment throughout the TAM - Opukari Sobiribo Jonathan (Olefins Plant) In fact, staff gained more experiences and better knowledge of all enclosed equipment such as compressors, vessels and exchangers that were opened for inspection and repairs. Our staff and contractors demonstrated commitment throughout the TAM.

This TAM was quite complex and challenging! - Sagar Laxminarayana (PE Plant) The quantum of jobs was huge. For example, the DBN Project in Polyethylene Plant identified certain equipment to be changed or installed as to achieve the desirable plant throughput.

Indorama management is lauded for the provision of resources that facilitated this excellent TAM.

We now have brand new plants! --- Jude Aken Jaka (Olefins Plant) The scope of the TAM was wide. And our team ensured that all the safety measures and procedures were not compromised. The co-operation of Indorama staff towards the TAM was high.

Contractors were quite dedicated to their tasks! --- Kunal Bannurkar (Power Plant Utilities & Offsite) During the TAM, a lot of jobs were done. In fact, contractors were quite dedicated to their tasks. Our Indorama staff showed clear understanding and commitment on what they ought to do and in a timely manner.

Indorama should uphold its maintenance culture --- Amadike Anthony (Central Engineering Section) It was a well-planned and arranged TAM. Staff who were directly involved demonstrated commendable maturity. Also, contractors were well coordinated. Our plant is now a brand new one.



The Economics of Maintenance Culture: Indorama's Example

INTRODUCTION

Maintenance culture is a vital component of the operations of process plants, especially in today's fast-paced and dynamic industrial landscape. It is a mindset and a set of practices that prioritize the upkeep and optimization of equipment, machinery, and facilities to ensure continuous production, efficiency, and profitability. This is the mindset that has made Indorama Eleme Petrochemicals Limited (IEPL), a world-class petrochemicals company and the pride of Nigeria.

The company just concluded a Turn Around Maintenance (TAM) of its plants from 19th August 2024 to 12th September 2024, the 5th of such comprehensive maintenance activity in its 18+ years of operation, post-privatization in 2006. The TAM lasted for 25 days, despite lost man hours caused by rains. This is a testament to Indorama-Nigeria's commitment to maintenance culture.

This article explores the significance of maintenance culture, its benefits, and how it contributes to the company's sustainability, the economy of its immediate locality and Nigeria at large.

What is Maintenance Culture?

Maintenance culture refers to a proactive approach to maintaining and improving the condition of equipment, machinery, and facilities to prevent failures, reduce downtime, and optimize performance. It involves regular inspections, repairs, replacements, and upgrades, as well as continuous training and development of maintenance personnel.

A strong maintenance culture encourages collaboration between diverse teams including production, maintenance, material management, engineering workshop, logistics, commercial, human resources, community relations, corporate communications and quality control among others, to ensure seamless operations.

Importance of Maintenance Culture in Process Plants

The significance of establishing and sustaining a culture of maintenance in a process plant, particularly one as critical as Indorama's, cannot be overstated. The advantages of doing so are manifold, including:

1. **Reliability and Availability:** Maintenance culture ensures equipment reliability, reducing unplanned downtime and increasing overall availability.
2. **Cost Savings:** Regular maintenance prevents costly repairs, reduces energy consumption, and extends equipment lifespan.
3. **Quality and Safety:** Proper maintenance ensures consistent product quality and minimizes the risk of accidents and environmental incidents.
4. **Compliance:** Maintenance culture helps meet regulatory requirements and industry standards.
5. **Competitiveness:** Efficient operations and reduced downtime enable companies to respond quickly to market demands and stay competitive.

Benefits of Maintenance Culture

These are the values that maintenance culture offers to an organization. They include:

1. **Increased Productivity:** Well-maintained equipment operates at optimal levels, leading to higher productivity.
2. **Improved Efficiency:** Reduced energy consumption and minimized waste result in cost savings and environmental benefits.
3. **Enhanced Reputation:** Consistent product quality and reliability strengthen customer trust and loyalty.
4. **Job Creation and Skills Development:** Maintenance activities generate employment opportunities and foster skills development. In the just concluded TAM, numerous skilled and semi-skilled professionals and artisans were outsourced from mostly the host communities, and beyond.

Indorama's Commitment to Maintenance Culture

Indorama Eleme Petrochemical's 5th TAM demonstrates its dedication to maintenance culture, and this has ensured minimizing downtime and maintaining production levels, upgrading and replacing equipment to improve efficiency and reduce energy consumption, training maintenance personnel to enhance their capabilities, and ensuring compliance with industry standards and regulations.

How maintenance culture contributes to Local Economy and Nigeria

1. **Job Creation:** Maintenance activities generate employment outsourcing opportunities for local residents.
2. **Economic Growth:** Indorama's operations support allied industries, import substitution, contribute to Nigeria's GDP and stimulate local economic development.
3. **Infrastructure Development:** The company's investments in maintenance and upgrades benefit the local infrastructure.
4. **Environmental Sustainability:** Indorama's commitment to maintenance culture promotes environmental responsibility and sustainability.

Conclusion

Maintenance culture is a critical aspect of process plant operations, offering numerous benefits that contribute to a company's sustainability and the local and national economy. Indorama's commitment to maintenance culture, as demonstrated by its 5th TAM, serves as a model for other industries to follow. By prioritizing maintenance, companies can ensure continuous production, efficiency, and profitability, ultimately contributing to economic growth and development.

Radio Nigeria honors IPL and IFL over reliable media partnership

On Saturday 15th June 2024, Treasure 98.5 FM, a member of the Federal Radio Corporation of Nigeria (FRCN) rolled out the drums to celebrate its 21 years anniversary and presented an Award of Recognition to Indorama Petrochemicals and Fertilizer Group.

In a letter addressed to the Managing Director of the Group, Mr Manish Mundra dated 4th June 2024 the Station noted that Indorama has been a worthy media partner.

The Award/ Dinner Night held at Viczaac Event Centre NTA Road Port Harcourt was chaired by veteran media and Public Relations practitioner and former President of the Nigerian Institute of Public Relations (NIPR) Amopusenibo Sofiri Bobo Brown.

In his opening remarks, he went on the memory lane of the media establishments in Rivers State and noted that only very few have survived the times.

He stressed the need for the media to move away from historic news sourcing and embrace news that promotes social justice for the good of all. However, he congratulated the

Management of Treasure 98.5 FM for hosting the event to showcase its successes and challenges as well as its resilience and success story in the past 21 years!

In his welcome address, Mr. Fred Onyeka Nwaulune, the General Manager of Treasure 98.5 FM recalled that the Radio Station was officially commissioned on Thursday 17th April 2003 by Nigeria's former First Lady - Late Mrs. Stella Obasanjo with the mandate to bring news closer to the people of Rivers State.

He stressed that the commitment, sacrifices and zeal of past and current staff and management of the station contributed immensely to the realization of milestone achievements.

On his part, Mr. Lucky Obarein, the Zonal Director South - South Zone and Chief Host appealed to Rivers State Government, reputable

organizations and friends for financial supports to enable the completion of its office facilities. Finally, he appreciated the contributions and encouragement the station had received so far.

The Executive Governor of Rivers State, Sir Siminalayi Fubara GSSRS, was the Special Guest of Honour. In his speech, he lauded Treasure 98.5 FM for its strives and steadfastness in the media space, and its efforts in promoting the rapid infrastructural development embarked upon by the Government of Rivers State.

Governor Fubara who was represented by the Commissioner for Power, Hon. Solomon Abel Eke promised steady power supply to the Radio Station.

The high point of the occasion was the cutting of the 21st Anniversary Cake, toast, citation and presentation of award to Indorama Eleme Petrochemicals and Fertilizer Group by Dr. Sam Anyanwu, Deputy Director of Administration South- South Zone and received by Charles Chima Wosu on behalf of the company.

The Governor of Rivers State, Commissioner of Police Rivers State and Shell Petroleum Development Company of Nigeria Limited (SPDC) were among the awardees at the Award/ Dinner Night.

The event was quite remarkable as people from all walks of life especially media chieftains, traditional rulers, captains of industry, technocrats and security experts were in attendance.

Charles Chima Wosu receives the award on behalf of Indorama from **Dr. Sam Anyanwu**.



Nigeria @ 64: Indorama Rolls Out the Drums to Celebrate Independence!

...Guest Speaker recommends steps to enhance Nigeria's brotherhood

Indorama-Nigeria pulled out all the stops to celebrate Nigeria's 64th Independence Anniversary in a grand style! On Monday, 30th September 2024, the company hosted a series of exciting events that brought together employees and invited guests for a day of patriotic fervour and camaraderie. The celebration kicked off with a "Walk for Health" by senior personnel led by Mr. A.B. Rao, Technical Head of the Petrochemicals business unit, who represented the Managing Director, Mr. Manish Mundra.

This was followed by a 200m women's race and a 6km Unity Relay Marathon competition, before all personnel and guests converged inside the New Event Centre adorned with Nigeria's green and white colours for the Public Lecture titled "Enhancing our Brotherhood," prize distribution and cutting of Nigeria @ 64 Independence anniversary cake.

In his address, Mr. Manish Mundra, Managing Director of Indorama-Nigeria, represented by Mr. Rao, reiterated the company's commitment to Nigeria's industrial and socio-economic development. He also congratulated President Bola Ahmed Tinubu and Governor Siminlayi Fubara on the 64th Independence Day celebration.

The highpoint of the activities was the public lecture which was delivered by Dr. Ike Neliaku, President of the Nigerian Institute of Public Relations (NIPR).

Dr. Neliaku shed light on the true meaning of brotherhood, describing it as a state of shared interests, affection, loyalty, and support within a community.

To strengthen Nigeria's existing bonds, he suggested fostering cross-cultural collaboration, open dialogue, and inclusivity.

"Additionally, it includes addressing inequalities, challenging stereotypes, leading by example, and promoting shared humanity can deepen connections and brotherhood" he said.

Dr. Neliaku praised Indorama-Nigeria's commitment to Nigeria's growth, which he noted earned the company the DIAMOND AMBASSADOR OF BRAND NIGERIA award by NIPR during the Institute's 60th anniversary celebration in June 2024.

His insightful lecture aimed to inspire the audience to build better relationships and work together towards progress of Nigeria and of individuals.

The excitement of Indorama-Nigeria's 64th Independence Anniversary celebration continued with the cutting of a special independence Anniversary cake by the Guest Speaker, supported by management staff and other guests. Therefore, winners of the sports activities took centre stage to receive their well-deserved prizes from







distinguished personalities.

In the women's 200m race, Juliet Gold Nwokoma claimed the top spot, followed closely by Precious Obioma in second place and Ishola Suliya Abimbola in third.

The Relay Marathon saw Team Services emerge victorious, with Team IFL Engineering and Team IFL-Operations securing second and third positions, respectively.

As the ceremony drew to a close, Comrade Innocent Ugwunta, Chairman of the Organizing Committee, expressed his heartfelt gratitude to the management of Indorama-Nigeria for their unwavering commitment to celebrating Nigeria's independence and fostering a sense of patriotism among staff.

He also extended his appreciation to all individuals who contributed to the success of the world-class event, making it a truly memorable occasion.



Indorama-Nigeria Upskills In-House Training Faculty to Sustain Excellence

In its pursuit of excellence, Indorama-Nigeria has invested in upskilling its growing in-house training faculty through a comprehensive Train-The-Trainers Programme. The programme, held in partnership with the Industrial Training Fund (ITF), took place from July 30th to August 1st, 2024, at the company's Learning and Development Centre.

According to Ms. Oriji Uduma, Head of Learning and Development at Indorama-Nigeria, the training programme was driven by the need to refresh the capacity of the company's trainers in response to changing technologies, training methods, and evaluation strategies.

"Our trainers play a crucial role in shaping the career paths of our personnel, so it's essential that they continually update their knowledge, attitude, and skills to effectively improve others," she emphasized.

The programme focused on training methodology, identifying training needs, planning, designing modules, and evaluating the impact of training delivered.

She noted that Indorama-Nigeria's Learning and Development department employs the ADDIE learning development model, a comprehensive cycle that ensures effective training delivery that focuses on getting it right the first time.

The company's management sets annual expectations, and if personnel skills and knowledge gaps are identified, upskilling in new technologies, knowledge, and skills becomes necessary.

"Some staff members receive training from Original Equipment Manufacturers (OEM) and then train others, ensuring that training is tailored to address specific knowledge and skill gaps aligned with management expectations," she explained.

The programme, facilitated by esteemed experts from ITF, including Mrs. Ifeyinwa Osagie, Deputy Director/Area Manager, Mr. Emeka A. Okeke, Assistant Director/Head of Training, and Ms. Uju Rose Nwachukwu, Training Officer, focused on equipping the facilitators with essential skills.

The participants, 26 in all, include Obiakonwa Nneka Lilian, QA/QC; Ohia Okpara Innocent, Inspection/Packing; Nwajagu Stephen Chekwube, HSEF; Madojemu Marian Simon, QA/QC; Olasinde Lucia Oluwatoyin, HSEF; Frank Oteiva Mokie, QA/QC; Uduma Oriji, Training; Dineshkumar Shivabhai Selvaraj, Electrical; Eniafe Babajide Olu, Technical Services; Bright Nabai Moses Nwoke, PPUO and Udoka Ntiedo Matthew of QA/QC.

Others are Dr Jossy Nkwocha of Corporate Communications; Atul Pratap Singh, QA/QC; Nwechi Beloved, Mechanical; Asomie Asomie

Stephen, Mechanical; Nwachukwu Azubuike Nnaji, PPUO; Idiki-Ogan Ibitamuno, Technical Services; Cyril Ogoke, Technical Services; Aderoju Simeon Olufemi, HSEF; Obele Maxwell Gomba, HSEF; Ugorji Moregood Maraizu, Instrumentation, Egere Tetenwi, Electrical; Arup Banerjee, Instrumentation; Raymond E. Emah, PPUO; Adalumo Tosin A., MMD; and Amit Kumar Rai, Electrical.

Speaking on the impact of the training, one of the participants, Mrs. Toyin Olansebe of Environment Department appreciated the management for facilitating the programme, noting that it will enhance their productivity and make their training facilitation assignments better.

She noted that the training had significantly improved her ability to effectively package her presentations, making them more concise and impactful for her audience. Additionally, she recommended that future programmes be held off-site, away from the company's complex, to minimize distractions, enhance focus, and boost concentration among participants.

By prioritizing faculty upskilling, Indorama-Nigeria demonstrates its commitment to excellence in Learning and Development, underscoring its dedication to sustaining excellence and improving productivity in a rapidly changing business environment.



By Bebe Obarijima
(Community Relations Dept.)

Many Benefits of Indorama's Akpajo Secondary School Project

In recent years, the collaboration between educational institutions and the corporate sector has become increasingly common, with companies recognizing the value of investing in education. One of the most impactful forms of this partnership is when Indorama Eleme Fertilizer & Chemicals Limited (IEFCL) donated a secondary school project in one of its host communities. This corporate-sponsored project brings a myriad of benefits to about 800 students, the school, and the people of Akpajo Community in Eleme Local Government Area of Rivers State. This article explores the numerous advantages of such initiative, demonstrating how it creates a ripple effect that fosters educational development, community engagement, and economic growth.

Enhancing Educational Opportunities

One of the most direct benefits of this project is the enhancement of educational opportunities for students. Many schools, particularly those in rural areas,

often lack the resources to offer specialized programs or projects that go beyond the standard curriculum. This project funded by IEFCL can fill this gap, providing students with access to state-of-the-art facilities, cutting-edge technology, or unique learning

experiences that they otherwise wouldn't have.

Fostering Innovation and Critical Thinking

Corporate-sponsored projects often bring innovative ideas and real-



community, where residents take pride in the local school and its achievements. This collaboration fosters a sense of ownership and pride in the community, while also teaching students about the importance of environmental stewardship and civic responsibility. The resulting relationships and networks can lead to further opportunities for collaboration and support, benefiting both the school and Akpajo community.

Providing Real-World Experience and Career Opportunities

One of the most significant benefits of a company-sponsored school project is the opportunity it provides for students to gain real-world experience. By working on projects that are directly linked to the company's industry or expertise, students from this school can gain insights into the professional world and explore potential career paths.

Boosting the Local Economy

Corporate-sponsored school projects can also have a positive impact on the local economy. When companies invest in education, they are essentially investing in the future workforce. By equipping students with the skills and knowledge needed to succeed in high-demand industries, these projects help create a pipeline of well-trained, motivated workers who can contribute to the local economy.

Moreover, projects that involve the creation of products or services, such as a student-run business or social enterprise, can stimulate economic activity within the community. These initiatives often encourage local spending, create jobs, and promote entrepreneurship, all of which contribute to economic growth. Additionally, the presence of such projects can attract further investment to the area, as other businesses see the value in supporting a community with a

strong educational foundation.

Enhancing Corporate Social Responsibility (CSR) and Brand Reputation

For Indorama Eleme Fertilizer & Chemicals Limited donating a school project is an effective way to demonstrate its commitment to corporate social responsibility (CSR). By investing in education in Akpajo community, the company not only fulfills its social obligations but also enhances its brand reputation. Consumers are increasingly favoring businesses that contribute positively to society, and a well-publicized school project can significantly boost a company's reputation.

Furthermore, employees of IEFCL often feel a sense of pride and satisfaction in being part of an organization that values and invests in the community. This can lead to increased employee morale and loyalty, as well as a stronger corporate culture centered around social responsibility.

Encouraging Lifelong Learning and Civic Engagement

Finally, this school projects encourages a culture of lifelong learning and civic engagement. When students see the tangible impact of a company's work on the community, it instills in them a sense of responsibility and a desire to continue contribute to society. This mindset is essential for building a generation of active, engaged citizens who are committed to making positive changes in their communities.

In conclusion, the benefits of Akpajo secondary school project is far-reaching. From enhancing educational opportunities and fostering innovation to building stronger community relationships and boosting the local economy, this project creates a positive, lasting impact that extends well beyond the school walls. Such initiatives represent a powerful investment in the future.

world challenges into the school environment. By participating in these projects, students are encouraged to think critically, solve complex problems, and apply their knowledge in practical ways. For instance, if a company donates a project focused on environmental sustainability, students might work on developing solutions for reducing the school's carbon footprint or creating awareness campaigns about conservation practices.

Building Stronger School-Community Relationships

When a company invests in a school project, it strengthens the relationship between the school and the community. Such projects often involve collaboration between students, teachers, company representatives, and community members. This partnership can lead to a more engaged and supportive



Our IT Experiences at Indorama

Treasure Anucha, an IT Student herself, interviews her colleagues and came up with very exciting experiences of our interns



Princess



Victory



Nkajima



Samuel



I am learning new skills! - Echindo Precious, Commercial department! I am a 300-level student of Computer Science at Madonna University. Working here at Indorama, I have learnt new skills such as purchase order issuing and drafting, and been able to master the use of Microsoft Outlook application. Also, I now have sufficient knowledge of data analysis. I would say my relationship with my supervisors has been a friendly and professional one, of which is Mr. Micheal Onyedikachi who has been of immense help. An exciting thing I have learnt working in the company is that the company is very safety-focused and the work environment is very conducive."

"Indorama has been an eye opener -- Nnana Osaro Nkajima, IT Department I am a National Diploma student of Computer Science at the Federal Polytechnic Nekede Owerri.

The most exciting thing I have learnt about Indorama is the fact that the company gives scholarships and engages in community outreaches. Being on this internship has also availed me the opportunity for better understand of the concept of IT support, and taking of calls the official way. Another knowledge I have acquired is system repair. My supervisors have been good, because we communicate effectively, which has greatly impacted my learning experience.

It's been a good learning process - Akaninyene Udoh, HR Department) I am a 300 level student of Computer Science of the University of Uyo. I have learnt about the details of the exact type of materials Indorama produces (olefins and polyolefin), as well as two variants of fertilizer. I consider that a very insightful thing! My relationship with my supervisors has been friendly and productive. Mr. Kehinde Olusegun,

for example introduced me to data analysis which I am now conversant with.

Indorama cares for the sick! - Victory Ogbonna, Medical Laboratory Department) " am a National Diploma student of Science Laboratory, Covenant Polytechnic. Indorama strictly adheres to rules and regulations, and from my working experience I would say their topmost care for the sick is truly commendable. I have been able to acquire practical knowledge of various medical machine usage, blood sampling and phlebotomy. My relationship with my supervisors is like a parent-ward relationship. They are quick to correct errors and have taught me the quality of timeliness."

Safety is Indorama's motto! - (Fertilizer QAQC) Ollor Joy Princess; National



Precious



Thompson



Joy



Timothy



Akaninyere

Diploma student; Kenule Beeson Saro-Wiwa Polytechnic: Science Laboratory.

My internship at Indorama has helped me learn analysis of product samples, bagging analysis, water analysis; determining ammonia in water. The most exciting thing I have learnt about Indorama is how keen they are about safety, the protocols, and the friendly way they treat their staff. My supervisors have been great, giving the fact that they are always ready to teach and guide.

Indorama is a place to be! - Samuel Ihejirika, Power Plant Utility and Offsite Department

"I am a 400-level student of Mechanical Engineering at Michael Okpara University of Agriculture Umudike, Abia State. Working at Indorama, I have been able to understand that offsite deals with storage, learnt how to manage stock and management of carbon dioxide, also handling external acquisition of materials. It is a thing of joy working with my supervisors as they are ever ready to provide me with needed encouragement whenever I get weary. With the ever-stable electricity supply, well ventilated and cooling offices, Indorama is indeed a place to be.

I have learnt a lot! - Goya Timothy, Central Engineering Workshop.

I am a National Diploma student of ; Mechanical Engineering, Imo State Polytechnic, Nekede, Owerri. I work as a storekeeper in my department. It has given me the opportunity to learn receiving and issuing of materials to various departments. I have also learnt manometer, which is the measurement of an applied force by a fluid on a surface. My relationship with my supervisors has been good, they make it easy to follow instructions. The most exciting thing I have learnt about Indorama is that it practices corporate social responsibility.

Indorama is world class! - Obarine Okochi-Thompson, Power Plant

I am a 400 level student of Electrical Electronics, Adeleke University. My internship has helped me better understand power distribution, how to grease electrical motors and operate motors from panels. The supervisors are friendly and always ensure I am on the right path thorough teaching and guidance. It is a brilliant thing the effort Indorama puts into the environmental sanitation and standardization, which makes the company world class.

Indorama is visitor-friendly - Olakada Joy, Power Plant

I am a National Diploma student of Electrical Electronics of Captain Elechi Amadi Polytechnic, Port Harcourt. The company has a visitor friendly environment, in the sense that the staff are ever ready to answer questions and give sufficient explanations. I have learnt electrical maintenance of motors, and electrical installation. My relationship with my supervisors has been good, they are always ready to assist.

Indorama is well regulated! - Aleruchi Faith, Power Plant

I am a 300 level student of Electrical Engineering, Captain Elechi Amadi polytechnic, Port Harcourt. An exciting thing I have learnt about Indorama is its commitment to safety of staff, visitors and society at large, by setting and maintaining strict protocols. During my internship, I have learnt power generation and transmission and the virtues of kindness and gratefulness. My relationship with my supervisors has been great, they are ever ready.

SCHOOL EXCURSION

By Treasure Anucha

Educational excursion: Indorama hosts 96 College students and 32 undergraduates

Indorama-Nigeria recently concluded its Mentorship Programme for Q2 2024, hosting 96 secondary school students and 32 undergraduates from the Federal University of Technology, Owerri. The programme aimed to provide an unforgettable learning experience for the students.

The secondary schools that participated in the programme were Goodman's Academy, Annaville Secondary School, and Compass International School, all in Eleme.

During the two-week period, Indorama provided the students with an inspiring experience, showcasing the company's operations and sharing its expertise, helping the students correlate classroom theory and industry practice.

On arrival into the Indorama Complex, the students and their accompanying two teachers or lecturers were received at the Car

Park by Mr. Chinedum Emeana, of Corporate Communications department, who coordinated educational tours. He took them to the PTDC Building where Dr. Jossy Nkwocha, Head of Corporate Communications and Special Adviser to the Managing Director officially welcomed them to the company and encouraged them to make the most of the opportunity granted them to learn, to be inspired to work hard at their studies.

The students received a safety briefing from Mr. Stephen Nwajagu of HSEF and were taken on a guided tour to the different plants and Control Rooms by the Plant

Shift Superintendents (PSS) Engrs. Eze Luke, Akinola, and Chima Charles, who ensured they understood the plant operations.

They visited the Olefin's control room, Polypropylene Plant (PP), Polyethylene Plant (PE) and Bagging and Warehouse section, where they learned about industrial chemistry, physics and the bagging process.

After the tour, the students came back to the PTDC Conference Room where they were given opportunity to ask further questions and share their experiences with Dr. Jossy Nkwocha who asked them questions about their experiences



Goodman's Academy



Federal University of Technology, Owerri

on the facility tour and added to their knowledge by discussing Indorama's socio-economic contributions to Nigeria.

The PSS on duty also assessed them further and answered their questions on technical issues.

The students expressed gratitude for the opportunity and promised to apply their new found knowledge.



Compass International School



Annville Secondary School



CRIME

Exploring Strategies to Inhibit Prevalence

Introduction: Every society or organisation has defined set(s) of accepted ways of life, behavioural patterns, norms, ethics and moral standards that form the guiding principle that people within that social enclave are governed. The deviations from these culturally, socially or legally established principles such as rape, incest, armed robbery, kidnapping, stealing, murder, fraud, etc is what is considered as crime.

Crime may be defined as an action or inaction that goes against criminal code, accepted social conduct, causes social harm and violence, regarded as evil and encourages chaos and instability in a defined system.

Crime generally comes in different forms:

white-collar crimes, crimes against humanity, drug crimes, victimless crimes, street crimes, organised crimes, political crimes, religious crimes, crime against international laws, etc.

Reasons why some individuals take to crime:

In as much as a crime is inexcusable, individuals take to crime for the below-stated reasons and more: greed; criminal tendencies; poverty; poor socialization; lack of high moral standards; revenge and when the risk / punishment involved is minimal and reward higher.

Others are: bad influence and use of illicit drugs or substances; weak regulations, laws and non-punishment; religious sentiment and faith; weak laws enforcement and ineffective criminal justice system; ignorance of the law; mental instability.

Fundamental Factors That Influence Crime Prevalence:

Various crimes have been attributed to multiple adverse social, economic, cultural and family conditions.

- Family Structures: Families play important and unique roles in raising healthy, ethically sound and responsible members of society.
- Economic Factors/Poverty: Poverty and the prejudice that comes with it, lack of financial resources, lack

of skills, educational opportunities, unemployment, poor housing, lack of hope, and other unfavorable socio-economic factors could drive criminal tendencies.

- Social structures/Environment: Our social or organizational structure mirrors to citizens and communities what we value and how we set priorities.

Crime inhibition Strategies:

Multifaceted strategies that are tailored to extensively address the psychological, economic, social, environment and security peculiarities of a defined society, community, organization or location is required to inhibit crime prevalence; and they include:

- Adequate and robust awareness, enlightenment, counselling and instilling of the core values, norms, accepted behavioural pattern, conducts, moral codes and ethics of the society or organization to individuals at early stages (childhood or at joining of an organization).
- Punishment, penalties and consequences that come with deviance behaviours, breach of ethics and criminal tendencies and actions must be clearly defined and implemented without favouritism or exemptions.
- Those that are morally upright should be motivated and openly appreciated.
- Improved social-economic opportunities for the people through targeted programs for poverty reduction.
- Conducive, motivational, non-vindictive and progressive environment in a society.

- Intelligence gathering, surveillance, crime mapping to underscore crime patterns and trends within the area or organization.
- Only trained, highly disciplined and morally upright personnel should be responsible for law and ethics enforcement.
- Encouraging mutual trust between law enforcement/security personnel and the people.
- Security and environmental designs must follow concepts that promotes access controls, openness were needed, emergency steps and eliminate blind "spots"
- Digitalization and use of technological control mechanisms e.g. CCTV, electronic geo-fencing, alarms, GPS tracking, items/ material coding, motion detectors, cybersecurity, web based enhanced operations, secured monetary transaction platforms, virtual communications, etc
- Comprehensive Crime and security emergency preparedness and responses.
- Monitoring of flash points (hot spot policing) and individuals likely to commit crimes.
- Addressing minor offences in other to deter major crimes
- Effective reformatory criminal justice system
- Violent crimes should be met with same proportion of force.

Conclusion: It may be daunting preventing criminal activities entirely, but it can be adequately controlled. Risk factors peculiar to that society, community or organization should be measured and commensurate actions taken to nip crime in the bud.

The Dangers of MONKEY POX

The African CDC has declared Mpox a Public Health Emergency in the African Region following the outbreak of Mpox in the Democratic Republic of Congo and other countries in Africa. The Federal Ministry of Health (FMoH), in collaboration with NCDC through the Port Health Services, has scaled up the surveillance and preventive protocol at all international borders.

Though Monkey Pox is not uncommon for Africa as the disease is prevalent in Central and West Africa with limited outbreaks in past. There was a limited outbreak in Nigeria as well in 2017. Though the disease is self-limiting viral infection and generally cures with supportive treatment in 7- 10 days, but it has a mortality of 1% - 4% especially in children. Some facts and about this disease and prevention are as follows:

- Monkey pox is a rare disease that occurs primarily in remote parts of Central and West Africa, near tropical rainforests.
- The monkey pox virus can cause a fatal illness in humans and, although it is similar to human smallpox which has been eradicated, it is much milder.
- The monkey pox virus is transmitted to people from various wild animals but has limited secondary spread through human-to-human transmission.
- Typically, case fatality in monkey pox outbreaks has been between 1% and 10%, with most deaths occurring in younger age groups.
- There is no treatment or vaccine available although prior smallpox vaccination was highly effective in preventing monkey pox as well. Transmission of index cases results from direct contact with the blood, bodily fluids, or cutaneous or mucosal lesions of infected animals.

There is no transmission by airborne method. In Africa human infections have been documented through the handling of infected monkeys, Gambian giant rats and squirrels, with rodents being the major reservoir of the virus. Eating inadequately cooked meat of infected animals is a possible risk factor. Secondary, or human-to-human, transmission can result from close contact with infected respiratory

tract secretions, skin lesions of an infected person or objects recently contaminated by patient fluids or lesion materials.

Transmission occurs primarily via droplet respiratory particles usually requiring prolonged face-to-face contact, which puts household members of active cases at greater risk of infection. Signs and symptoms. The incubation period (interval from infection to onset of symptoms) of monkey pox is usually from 6 to 16 days but can range from 5 to 21 days.

The infection can be divided into two periods: The invasion period (0-5 days) characterized by fever, intense headache, lymphadenopathy (swelling of the lymph node), back pain, myalgia (muscle ache) and an intense asthenia (lack of energy);

The skin eruption period (within 1-3 days after appearance of fever) where the various stages of the rash appears, often beginning on the face and then spreading elsewhere on the body. The face (in 95% MONKEY POX Indorama Medical Centre (T 00908, MOH Rivers) of cases), and palms of the hands and soles of the feet (75%) are most affected. Evolution of the rash from maculopapular (lesions with a flat bases) to vesicles (small fluid-filled blisters), pustules, followed by crusts occurs in approximately 10 days.

Three weeks might be necessary before the complete disappearance of the crusts. Treatment and vaccine. There are no specific treatments or vaccines available for monkeypox infection, but outbreaks can be controlled. Vaccination against smallpox has been proven to be 85% effective in preventing monkeypox. Monkeypox is a self-limiting disease.

Prevention

Preventing monkeypox expansion through restrictions on animal trade.

Restricting or banning the movement of small African mammals and monkeys. Reducing the risk of infection in people. During human monkeypox outbreaks, close contact with other patients is the most significant risk factor for monkeypox virus infection.

In the absence of specific treatment or vaccine, the only way to reduce infection in people is by raising awareness of the risk factors and educating people about the measures they can take to reduce exposure to the virus.

- Reducing the risk of human-to-human transmission. Close physical contact with monkeypox infected people should be avoided. Gloves and protective equipment should be worn when taking care of ill people. Regular hand washing should be carried out after caring for or visiting sick people.
- Reducing the risk of animal-to-human transmission. Efforts to prevent transmission in endemic regions should focus on thoroughly cooking all animal products (blood, meat) before eating. Gloves and other appropriate protective clothing should be worn while handling sick animals or their infected tissues, and during slaughtering procedures. How to avoid being infected
- Cook all animal products thoroughly.
- Avoid body contact with an infected person.
- Say no to unnecessary touching like handshakes.
- Maintain very high index of suspicion.
- Health officers must use protective devices, such as hand gloves.
- Report to the hospital if you have fever with rashes.
- Wash your hands regularly.

RETIREMENT

By Charles Chima Wosu



Olefins Plant Bids Farewell to Olakada Meshack as He Retires

On Thursday 15th August 2024, bosses, colleagues, friends and well-wishers gathered at Olefins Plant conference room to bid farewell to Engr. Olakada Meshack who retired from Indorama Eleme Petrochemicals Limited (IEPL) after 18 years of meritorious services to the company.

Engr. Francis Kue who moderated the event thanked all for finding time to attend the epoch-making event and called for speeches in honour of the celebrant.

Mr. Kenekwue Orakwute of Olefins Process who took the lead remarked his cordial working relationship with Engr. Olakada. He described him as slow to anger and a nice fellow. He wished him good health as he retires.

Luke Eze, a former Olefins Process staff and currently a Plant Shift Superintendent

(PSS) recalled the celebrant's remarkable promptness and regularity to work.

On his part, Mr. Narendra. R. Singh noted that since 2010 when he was redeployed from Polypropylene (PP) to Olefins Plant, he had closely worked with Engr. Olakada. He eulogized him for not being a complaining fellow.

Mr. Monday Obele of Olefins Mechanical lauded the wealth of experience of the celebrant which would be greatly missed. Also, Mr. Elu Chika of Olefins Mechanical admired the straightforwardness of the celebrant.

Mr. Asit Ray, HOF of Olefins Plant took his audience down memory lane of the celebrant's unwavering commitment to work and cordial relationships with everyone in the Plant.

In his response, Engr. Olakada thanked God who gave him the

privilege to meritoriously work for IEPL since 2006. He further appreciated his bosses and colleagues for their supports, understanding and goodwill throughout his work life.

Mr. Charles Wosu of Corporate Communications in his closing remark adjudged the celebrant as an amiable brother and craved the indulgence of new employees to rise to the occasion of attaining professional acumen in plant operations while older employees should leave footprints on the sands of time for others to emulate.

High points of the event were the presentation of gift to the celebrant by Mr. Asit Ray, toast of good health by Ms. Delight Nwaneri, photographs and merriment.

It was a well-attended, colourful and memorable occasion.



INDORAMA

ELEME PETROCHEMICALS

Obituary ANNOUNCEMENT

With deep sense of loss but total submission to the will of Almighty God, the Management and Staff of Indorama Eleme Petrochemicals Limited (IEPL) announce the passing away of our dear Staff, Colleague and Friend, **Late Mr. Bobmanuel Anthony** after 16 years of service to the company.

He worked as a staff in the Power Plant Utilities and Offsite (PPUD) Department of the company.

He died on Saturday 1st of July 2023 at the age of 33 years after a brief illness.

He is survived by his wife Mrs. Joy Anthony, and children - Kingsley, Owensies, Divine, and Victor Bobmanuel and other relations.

According to his family he will be buried on Saturday 26th October 2024 in his father's compound, Ajirwa Family Okporowo Ogbakiri, Emohua LGA, Rivers State.

May his gentle soul rest in peace.



Late Mr.
**Bobmanuel
Anthony**

Signed
Management
Indorama Eleme Petrochemicals Limited

POEM

ALL MY WISHES

I wish to have fun always.
I wish to start friendship anyways.
I wish to play with my friends,
When my homework come to ends.
I wish to learn all good things,
I read, I write, I listen and I sing.
I eat, I sleep, I jump and I run,
I wish to cross all obstructions.
I wish to do experiment and research,
It may fail or it may pass.
I wish to always be healthy,
Don't want to be so wealthy.
I wish, I will never be sad,
I wish, I will never be bad.
I wish to be a good human being,
To help all people and love spreading



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