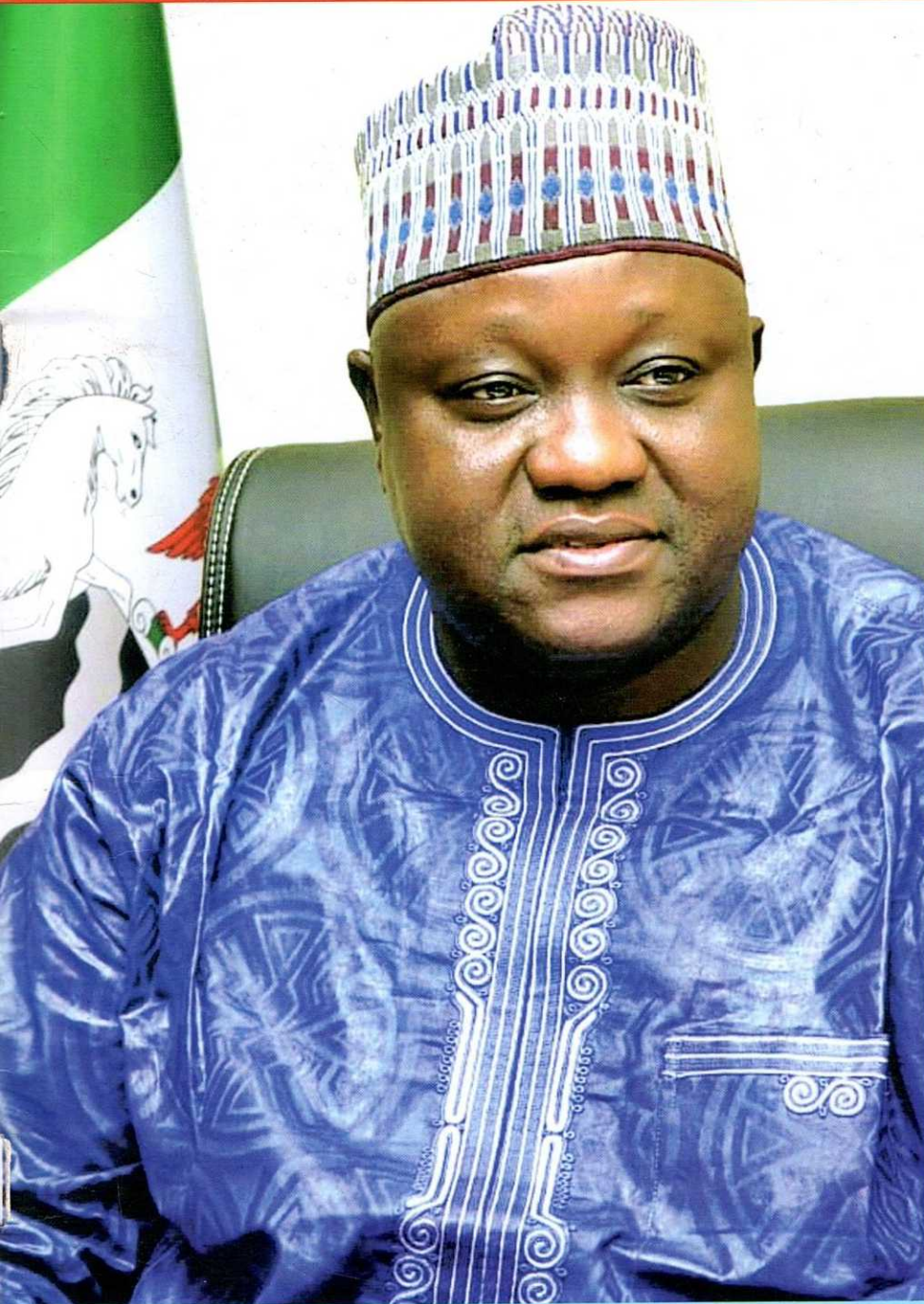




NBRI

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IKOYI BUILDING COLLAPSE:

NBRI SETS UP INVESTIGATIVE COMMITTEE

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NBBRI

Vision, Mission & Core Values)

Building capacity and setting the pace in indigenous construction technology development.

VISION

To evolve and use a comprehensive and integrated approach in capacity building and investment promotion so as to foster the application of environment friendly and energy efficient innovation, construction materials, manufacturing technologies and cost effective building and road construction practices, which will enhance job creation, wealth generation and poverty reduction as well as nurture the emergence of vibrant, knowledge based and highly competitive indigenous construction companies capable of meeting global standards.

MISSION

Integrate R & B, Capacity building and robust extension services in technology innovation and knowledge based practices in the fields of building road and engineering materials will be used to provide adequate and affordable housing and road infrastructure as well increased economic empowerment.

Core Values

- Professionalism
- Resourcefulness
- Commitment and integrity
- Innovativeness

Editorial

It is a privilege and honour to welcome you to the 3rd and 4th quarters of the 2021 NBBRI's Newsletter. NBBRI Newsletter has continued to be a veritable medium for information dissemination and awareness creation on NBBRI'S activities to stakeholders.

This edition is filled with series of activities as NBBRI involved itself across the built environments which are practicably educative and informative.

The event of the Ikoyi building collapse was well covered as NBBRI sets up a technical committee to investigate the immediate and remote causes of the collapse. Also the immediate past DG/CEO of NBBRI, Engr. Prof. Danladi Matawal speaks on the collapse in this edition.

The inauguration of new NBBRI Governing Board by the Hon. Minister of Science, Technology and Innovation, and the first official tour of the board members to the Institute's National Laboratory Complex (NLC) in Ota, Ogun State was well covered in this edition. Also some pages of this edition are devoted to the individual profile of the newly inaugurated NBBRI Board.

As part of NBBRI efforts in nation building, the Institute signed a Memorandum of Understanding (MOU) with a stakeholder: RITVALUE CONSULTANTS. There are also partnership agreements from major tertiary Institutions: African University of Science and Technology, Abuja and Bingham University, Karu. This rich edition also features the commissioning of a block of classroom using NBBRI technology at Popandi, Pandikuke and Lawampe in Billiri LGA of Gombe State as well as a two-bedroom Bungalow at Government Junior Secondary School in Abuja.

There are also stories on trainings organised by the Institute across Nigeria.

This is an exciting edition. Enjoy.

Editor – in – Chief

Daniel Makawa

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SIGNS MoU WITH NBRRI

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IKOYI BUILDING COLLAPSE: NBRRI SETS UP INVESTIGATIVE COMMITTEE



As the death toll in the collapsed 21-storey building in Iko, Lagos State rises, the Nigerian Building and Road Research Institute (NBRRI) has set up an investigative committee to ascertain the immediate and remote cause(s) of the monumental disaster, to forestall future occurrence.

NBRRI is a parastatal under the Federal Ministry of Science, Technology and Innovation (FMST&I), that conducts applied integrated R&D into the various aspects of the Nigerian construction industry and build capacity in indigenous construction technology.

Explaining why the investigative committee is being setup, the Director General/Chief Executive Officer of NBRRI, Engr. Prof. Samson Duna, in a statement said that the action is designed to provide a 'case-history' based technical report that is enshrined in scientific and/or engineering principles to

provide new knowledge and information to forestall future occurrence.

Duna noted further that the assignment is neither a probe nor an investigation of persons or organizations, adding that the aim is to let

Nigerians know that the collapse of the 21-storey building, in which many persons have been confirmed dead, is of grievous concern to the Institute.

He explained that in pursuant of its mandate, NBRRI has continued to intervene in critical sectors of the Nigerian economy over the years in engineering challenges in buildings, roads and construction materials.

"In fact, with our interventions over the years, we were of the opinion that the building collapse phenomenon was becoming a solved problem with the reduction of collapses over the years" says Prof. Duna.

"Accordingly, and in line with routine procedure in the Institute, an investigative committee comprising of Lagos-based professionals and stakeholders in the built environment has been set up with specific terms of reference to ascertain the immediate and remote cause(s) of this

monumental national catastrophe" Prof. Duna added.

Speaking further, the DG stated that, "As a proactive institute that is saddled with building research responsibilities, immediately we heard of the news of the collapse building, the institute sent a team of professionals from NBRRI's National Laboratory Complex, Ota, Ogun State, led by the Institute's Head of Building Research Department, Dr. Nurain A. Sulymon has visited the site to collect samples, which will be subjected to thorough laboratory investigations/analysis".

"The assignment is neither a probe nor an investigation of persons or organizations. Rather, as an established practice in NBRRI, the exercise is designed to provide a 'case-history' based technical report that is enshrined in scientific and/or engineering principles to provide new knowledge and information to forestall future occurrence".

"Ari... and in order... taken the danger these collapses pose for both human and materials resources the Institute is making arrangements to organize a One-Day Summit to discuss the effects of these collapses, reappraise our intervention-efforts and

evaluate the roles of stakeholders in curbing the incidences of building collapse in the country”.

“The summit will also x-ray the outcomes and take stock of the gains of our 2012 Technical Workshop in 'Curbing the Incidences of Building Collapse in Nigeria”.

“It will also seek to expound any shortfalls in advocacies and enforcement by relevant regulatory bodies in ensuring zero tolerance for the menace of building collapse in Nigeria”.

“Our findings will be forwarded to the relevant bodies for enforcement in order to forestall continued loss of lives and properties”.

The DG then explained that in order to have a safer country, regulatory bodies must do their jobs and enforce its statutorily mandated functions.

The committee has as its members;

1. Bldr. Prof. Olumide Adenuga (Nigerian Institute of Building, NIOB) Committee's Chairman

2. Dr. C.C. Osadibe (Department of Civil and Environmental Engineering, University of Lagos) Rep. COREN)

3. Tpl. Moses Ofunleye (Nigerian Institute of Town



Planners)

4. Arc. Biola Akinola (Deputy Director, Architect Registration Council of Nigeria, ARCON)

5. Chief (Barr.) Simon Ademu Ameh (Head of Chambers, Ameh, Ameh and Co)

6. Engr. Dr. Nureni Sulymon (HoD, Building Research Department, NBRRI)

7. Engr. Taofiq Bello (Nigerian Building and Road Research Institute, NBRRI) Committee's Secretary

The inauguration of the committee was conducted on behalf of the DG/CEO by Dr. C. C Osadebe, Coordinator NBRRI's NLC, Ota/Director Road Research Department represented the DG/CEO, NBRRI at the inaugural meeting of the Technical Committee that was held at NBRRI's National Laboratory Complex (NLC) Ota, Ogun State

on 15th November. 2021. In his remarks, he charged the committee to work with all diligence and come out with a standing technical report of international

standard that will proffer solutions to building collapse in the country.

The committee members were officially presented with letters of appointment by the coordinator, and they immediately swung into actions by deliberating and designating responsibilities amongst themselves on how to investigate and come up with a comprehensive report on how to avoid such incidence from occurring in the future.

The chairman of the committee, Bldr. Prof. Olumide Adenuga emphasized that the essence of the committee is not to apportion blame but to find lasting solutions to prevent such ugly incidence from repeating itself in the future.

Finally, the DG/CEO and entire staff of the Institute condole with the families of the victims of this avoidable disaster. We pray for a safer working environment for all in the built environment.

PROF. MATAWAL SPEAKS ON BUILDING COLLAPSE IN NIGERIA



COREN as collaborators in some cases. The point is that the frequency of collapses which we witnessed in 2011 and 2012 made it expedient to officially fund Building Collapse Interventions which were supported by the Executive and Legislature.

NBRRI has maintained this legacy of Intervention on collapsed Sites and it is

From 2011 till date, NBRRI has taken all cases of Building collapse in the country in its stride and intervened decisively and responsibly to the satisfaction of professional requirements, stakeholders and the public. Every detail from design (including Subsoil investigation, foundation and structural design), construction and supervision, and commissioning were delved into with thorough detailed Site physical study, sampling and tests. As a consequence, today there are NBRRI reports of more than 30 Sites including SCOAN in Ikotun-Lagos, Reigners Bible Church Uyo, collapses in Makurdi, Awka, Ibadan, Benin, Jos, Enugu and other towns. These reports were the sole technical documents used in Coronary Inquests and in Court where NBRRI usually appeared under Legal cover. I was, individually, also the Chairman FCT Building Collapse Panel and our reports, apart from being subjected to Legal scrutiny by Clients of dead victims, were also usually taken at Federal Executives Council (FEC) Meetings and we brought in

certain that the agency is already active on the current Lagos collapse site though the scale of this case is another level all together and I think all the experts round the country must collaborate on this case which must have definitely drawn international attention. The Porthacourt Hotel collapse is similar but even of a smaller scale but outcomes of investigation have been kept a mystery and we urge Nigerian Society of Engineers (NSE) branch to release the report on that building with mass circulation immediately. Example, is the Hotel Owner now languishing in jail as well as other Collaborators, professional and non-professional?

First, a personality as high as Deputy Governor of Lagos State confirmed on camera yesterday (2/11/21) that the building was approved for 21 Storey. Secondly, the practice we established when I chaired the FCT Panels is to immediately arrest and put behind bars the Building Owner and for him to identify all the professional teams involved. The letter of a consultant withdrawing

should be subjected to further scrutiny and confirmation because under desperation, such letter can easily be generated and back dated. Why did they not report their reservations to professional regulators and if true, they may have withdrawn for non-payment and not technical reasons.

Another aspect that we established a procedure upon is to identify any ongoing and existing buildings and construction sites owned by the same Client as well as designers and contractors to seal them immediately and get them subjected to integrity tests.

As I posted on my Facebook page yesterday, 21-storey is no mean height and anyone involved should have ensured a water-tight readiness for the work vis-a-vis Site Investigations, Designs, Construction Competence, Supervision and Independent Professional Critique Reviews with a tight Site set of schedules with constant Site Meetings where decisions are taken, approvals issued including casting and test results discussed.

Finally, the FCT instituted a standard procedure of outcc... ions that every collapsed Building Site automatically becomes the property of government to put up a public facility and no longer owned by any private developer. A good day to you all.

Engr Professor Danladi S MATAWAL, DIC, PhD, FNSE, FAEng, FAEAA, FNICE, FNIGE, FNIHTE, FNAEGE, FNIFE
Lecturer in Civil Engineering
(Fmr Chairman FCT Building Collapse Panel and Fmr DG/CEO NBRRI-FMSTI)



NBRI HANDS OVER COMPLETED CLASSROOM BLOCKS TO COMMUNITIES IN GOMBE STATE

Classroom blocks for three separate Primary Schools, contracted by the Nigerian Building and Road Research Institute (NBRI), have been completed, commissioned and handed over to three communities in Tal District in Billiri Local Government Area of Gombe State. The benefitting communities are: Popandi, Pandikuke and Lawampe.

Overwhelmed by the gesture of having a Federal Government presence in the locality for the very first time, the entire community (Men, Women and Children) led by their Traditional chiefs, leaders and elders, all trooped out with songs of joy and excitement to welcome the Director General/ Chief Executive Officer of NBRI, Professor Samson Duna and his entourage to the commissioning ceremony. From one speaker to the other during the event, they all were unanimous in their submissions: a big thank you to the Federal Government for constructing the classrooms for their children to receive qualitative education. In his address, the District head of Tal, Mr. Abdullahi Shuibu Anamparah, said Prof Samson Duna has proven to be a very worthy son of the land and thanked him for his intervention towards uplifting the people of the locality. While thanking NBRI for constructing the classrooms, the Chief further appealed to the Institute to intervene in the roads of the area so as to ease the transportation difficulties that they are facing. Also speaking at the occasion, the contractor that handled the buildings, Mr. Taiwo Olusenyi said the Bill of Quantities for the projects did not include toilet facilities and so he decided to

construct toilets for each of the schools for free.

In his remarks the DG/CEO NBRI Professor Samson Duna said the classroom blocks that are being commissioned were from the constituency projects appropriations domiciled in the Institute. He urged the management of the schools to maintain the facilities so that it will last long for the benefits of those that will use it. On the request for roads, Prof. Duna assured the communities that when the funds are available, the Institute will look into the request tabled. The event was marked with song presentations from the ECWA Women fellowship, the Tal traditional dance troupe and pupils of the primary schools. There was also a presentation of an award to Prof. Duna by the Tal Youth Association. High point of the occasion was the cutting of tape to commissioning the edifice by the District head of Tal and the Hakimin Tal.





SPEECH BY THE EDUCATION SECRETARY, BILLIRI LOCAL GOVERNMENT EDUCATION AUTHORITY, MR. EZEKIEL B. KODINGA AT THE OCCASION OF THE OFFICIAL HANDING OVER OF CLASSROOM BLOCKS CONSTRUCTED BY NBRRI IN POPANDI-TAL, LAWAMPE AND PANDIKUDE PRIMARYS SCHOOLS ON SATURDAY 30TH OCTOBER, 2021.

We give God the glory for being alive and for having the favour of participating in the trends, history, and prospects of our dear Tangale Nation. Sir, we have been officially and duly notified of your

(Professor Samson Duna) noble intention to add value to your communities during a very difficult period.

Today we witness with great delight and joy in our hearts beyond description for the fulfillment and reality of a wonderful, new and perplexing leadership concept in community development: The Right people in the Right places with Right plan into Gods greatest vessels of knowledge will navigate and make the most of maximum potential or benefit in every situation on earth. Sir, your decision to usher in the coming revival in education by building and donating three modern blocks of three classrooms each with quality furniture's is a proof of your formidable life principle, passion, good priority setting , and value for worthwhile endeavours.

Sir, you are indeed a model pragmatic Professor and impact across our circle of experience for now., We felt the warmth of your high sense of belonging and huge sacrifice of God-given resources to pay for the high cost of education in a developing nation towards the freedom and emancipation of this disadvantaged domain. This kind of quality work within record time, has written your name with gold in the sands of time. You have become one of the sons of Issachar: a man who has understanding of the times and what they ought to do. Surely we will send a report of your great contributions across SUBEB Gombe and UBEC.

Being a blessing to our generation and immediate community has justified the braveness and brazenness of your ancestors. God will wonderfully bless you; protect you from both unseen and visible enemies, oppositions, detractors and negative influence. God will remember you with favour, peace, mercy and elevation in your future needs to the fourth generation of your offspring. We are governments are also very proud of your strategic influence. You are an unquenchable light, a bundle of hope in our dark tunnel and a veritable encouragement to having a favourable learning environment today. The pupils, teachers, and parents of these three schools will never forget your legacy.

On behalf of my humble self, as the anchor of the entire management and field staff of Billiri Local Government Education Authority and even the illustrious people of Tangale nation at home or in the Diaspora, *min yag ka paida kedde, yamba kot-tuggo tu tong sum yaji wuton san tondowei* (Thank you so much, may God uphold you to greatness for wider developmental strides) in your LGA of origin, in neighboring LGAs in Gombe South and in your dear Gombe state. That you are now a National figure with international influence, by virtue of your position as Professor and Engineer, remembering your roots in this way will catapult you for higher capacity and more positive results. It is our earnest prayer for God to make you the first Vice Chancellor in Tangale land and since he brought you this far, God can get you from here to where you ought to be.

We therefore receive these blocks in the name God the father, the son and the Holy Spirit.

Remain blessed and reputable

Long live our dear philanthropist and entourage

Long live Tal, Pandinkude, Popandi-tal and Lawampe primary schools in Tal District Council

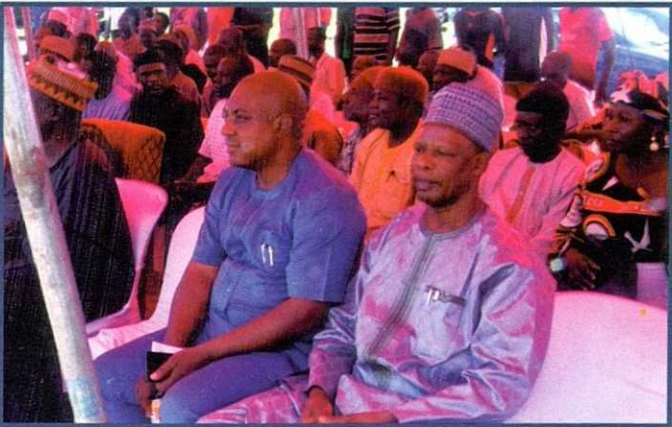
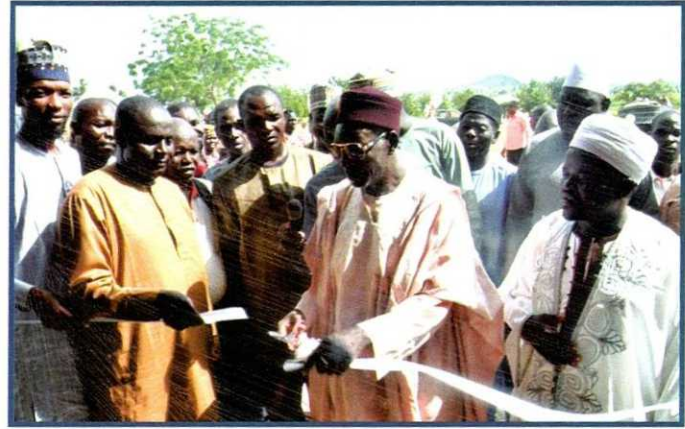
Long live Bililri Local Government Education Authority

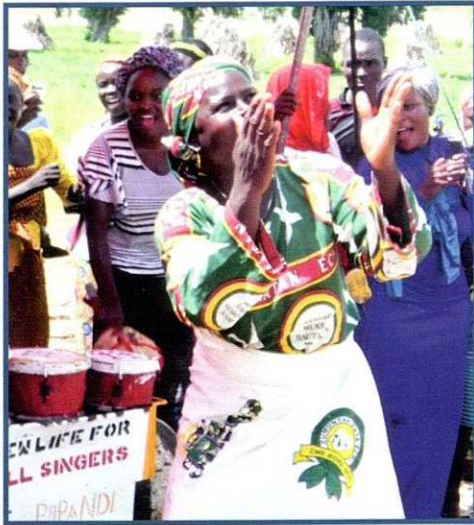
Long live Billiri Local Government

Long live Gombe State and

Long live the Federal Republic of Nigeria

Thank you.





GIRLS' JUNIOR SECONDARY SCHOOL GETS TWO BEDROOM BUNGALOW COURTESY NBRRI/HYDRAFORM COLLABORATION

Shelter as we know is one of the essential elements of human existence and it is in line with that, that the Nigerian Building and Road Research Institute (NBRRI) in conjunction with HYDRA-FORM NIG LTD constructed a two-bedroom bungalow which was handed over to the Model Girls Junior Secondary School (MGJSS) on the 6th of October 2021.

MGJSS was established in January 2018 as the first Girls junior boarding school under FCT Universal Basic Education Board (FCT-UBEB).

Performing the commission and handing over exercise, the Permanent Secretary of the Federal Ministry of Science, Technology and Innovation, Mr. Edet Sunday Akpan who was present at the event highlighted the importance of the project not just to the school but also the country at large. He also expressed his

excitement over the good works by NBRRI and the existing collaboration between NBRRI and HYDRA-FORM NIG LTD and expressed confidence on other projects that would be done using locally made products via the cordial collaboration between NBRRI and HYDRA-FORM NIG LTD.

The Director-General/CEO of NBRRI, Prof. Samson Duna who was ably represented by the Director of Administration and Personnel, Mrs. Jude Iloma expressed joy over the completion of the project and the benefits it will be to the school and students at large. She promised that the Institute will continue to do their best in supporting the school as much as it can for the growth and progress of the school.

The principal expressed extreme appreciation to the Institute and the Ministry as she promised on behalf of the school's management to do their best in maintenance of the structure and the school in order to make the environment conducive for learning.



ADO-ODO/OTA LGA CHAIRMAN ON WORKING VISIT TO NBRRI'S NATIONAL LABORATORY COMPLEX, OTA

The Chairman of the Ado-Odo/Ota Local Government Area, Ogun State, Hon. Sheriff Adewale Musa and his entourage on Wednesday 27th October, 2021 paid a one-day working visit to NBRRI's National Laboratory Complex, Ota, Ogun State.

In his opening remarks Hon. Sheriff said that the purpose of his visit is to strengthening the existing relationship between the Local Council and NBRRI and to build up a fresh collaboration with NBRRI in areas of Building and Road construction through the effective use of locally sourced materials as an alternative to importation of construction materials, as well as tackling environmental issues.

He proposed that a prototype of NBRRI's low-cost bricks be used for construction of the Legislative complex at the ADO-ODO/OTA L.G.A secretariat and NBRRI Interlocking Blocks be used for road construction in the secretariat which is mostly waterlogged.

The Chairman who was filled with satisfaction of NBRRI's fabricated machines requested a stronger assistance from NBRRI in area of Artisan training on fabrication of machines which he said will assist the Local Government and her communities in tackling the issue of youths' unemployment in the land.

Welcoming the

Chairman to the Institute, the Ag. Coordinator, NLC Ota Dr. Friday I. Apeh led other Departmental Heads and Staff in Ota to receive the visitors.

Dr. Apeh on behalf of the DG/CEO, NBRRI Prof. Samson Duna intimated the Chairman on the research works and other R&Ds of the Institute as well as the results from these research works and how it has been beneficial to the country as a whole.

Responding to the Chairman's requests, Dr. Francis Apeh said the Chairman's request would be passed to the DG/CEO. He then laid emphases on the purpose and importance of NBRRI's Artisan Training Institute in Ikoyi, Lagos State.

To crown the visitation, the Chairman and his entourage were led on a tour of inspection through the laboratories and workshop.



UNIVERSITY SEEKS PARTNERSHIP WITH NBRI TO PROMOTE SCIENCE AND TECHNOLOGY



The Nigerian Building and Road Research Institute has been described as the best agency to partner with in the built and road sectors of Nigeria.

President of African University of Science and Technology (AUST), Prof. Azikiwe Peter Onwualu stated this when he led a team of staff of the University on a courtesy visit to NBRI's Head Office in Abuja on Thursday 25th November, 2021.

Speaking at the event, Prof. Onwualu, appreciated the Director-General/Chief Executive Officer of NBRI, Engr. Prof. Samson Duna for maintaining the already established relationship between the two institutions.

He explained that AUST was founded in 2007 under former President Olusegun Obasanjo with the vision of producing viable engineering post-graduate students in Africa who can stand the test of time and be great force in the engineering environment.

Having achieved considerably in producing renowned post-graduate students from the Masters and PhD classes, AUST has succeeded in seeking permission from National University Commission (NUC) to start the

undergraduate programmes with some courses on engineering and mainly civil engineering. It was in this light that the management of AUST is seeking for collaboration between the university and NBRI which will cement the existing relationship and to officially map out plans on signing a MoU in that regard as this will help the university and NBRI to dwell more on infrastructural programs that will move research

from theory to practical products that can be used in the African construction industry and foster innovation. He concluded with a stronger interest offer in areas of the use of NBRI's laboratories for training of the undergraduate students of the university and an open check of offering discount fees to any NBRI's staff who wishes to go for his/her post-graduate studies in AUST and those who want to go for short term courses; and a collaboration between the institute and the university will be beneficial to both parties.

The DG/CEO, Prof. Samson Duna appreciated the President of AUST for the timely visit as he expressed his excitement towards the collaboration. He congratulated the President of AUST for his continuous contributions and support to the construction industry and he welcomed the idea of the MoU.

Prof. Samson Duna, being a man of action immediately set up a committee from both institutions to look into the MoU and present a report between two weeks.

GROUP PARTNERS WITH NBRRI IN TRAINING OF YOUTHS IN ABUJA

With the high rate of unemployment in the country, NBRRI in collaboration with Artisans Skills Empowerment Initiative (ASEI) organized a two-week training on painting, Paint Production and Plaster of Paris (POP) production. The closing ceremony/graduation of Artisans took place on the 29th of October, 2021 at the FCT Ultra-Modern Hall in FCT Youth Support Centre, Nyanya, Abuja.

Speaking at the ceremony, Engr. Amos Abeni Ominyi, the MD of the Artisans Skills Empowerment Initiative stated that the Initiative is targeted at skills training revolution in a dynamic practical oriented manner that will instill and stimulate the interest of youths to key into skills acquisition. He also mentioned that plans are in place for a Centre to be established in Abuja where trained and competent, tested and trusted Artisans can coalesce as one entity and can be monitored, encouraged and tutored on mainly behavioral skills in area of Client-Worker relationship.

He then appreciated the contributions of some important stakeholders like NBRRI, COREN, NSE etc who have been backbone to the development of Artisans in the country and mainly NBRRI whom through its relentless efforts and contributions made the programme possible by sponsoring the two weeks training. The President of COREN who was ably represented by Mr. Tanko Gyang appreciated NBRRI for sponsoring the event. He also thanked the MD and Staff of the 'NGO' for their continuous efforts to curb the rate of unemployment in the society. He commended the trainees for their conscious efforts to learn and he advised them to practice what they had learned with integrity because there is dignity in labour. He also stated that more NGOs should be encouraged by the government to organize more trainings like this through partnerships and collaborations with other stakeholders in the society.

Prof. Samson Duna, the DG/CEO of NBRRI mentioned that through this training, the trainees had been handed over their meal ticket and he advised them to use it wisely. He encouraged the trainees and wished them the best in all their endeavours. He commended the tenacity of the MD of ASEI and his doggedness towards making the society a better place.

At the closing of the ceremony, the Head of Consultancy and Extension Services Department of NBRRI, Chief. Daniel Makava, appreciated everyone that took out time to come for the event. He thanked the MD of ASEI for the initiative, and the trainees for their active participation and good behaviour during the period of the training.

The highlight of the ceremony was the presentation of awards of excellence to the DG/CEO of NBRRI, Prof. Samson Duna for his leadership and efforts in developing the youths. Other awardees are the president of NSE and COREN. Also, certificates of participation were presented to the trainees.



BINGHAM UNIVERSITY AT NBRI WITH COLLABORATION PROPOSAL



The Director-General/CEO of the Nigerian Building and Road Research Institute (NBRI), Prof. Samson Duna and the Management Team of the Institute on Thursday 5th of August, 2021 received the Vice Chancellor of Bingham University, Karu, Nasarawa State on a courtesy visit to NBRI.

Appreciating the DG/CEO for approving to see them despite his busy schedule, the Vice Chancellor of Bingham University, Prof. William Barnabas Qurix stated that Bingham University was established in 2005 by the Evangelical Church Winning All (ECWA) as a Conventional University; adding that it is one of the six private universities in Northern Nigeria and the only one established by a Christian organization.

The main purpose of ECWA was to meet the daring need for high quality Secular Education which recognizes and integrates the moral and spiritual values on which the Christian faith is founded as

well as focuses on entrepreneurial studies in order to promote self-reliance among graduates of the University.

In his speech, Prof. William explained that the mission of Bingham University is to produce graduates that are excellent in knowledge, character and skills for self-reliance and in the fear of Christ. This according to him engineered the purpose of the courtesy visit to NBRI as the University does seek collaboration with NBRI in areas of Capacity Building, Knowledge Based Research, Technology and Innovation that will be of great assistance to both the students of the University and staff of both the

University and NBRI.

Prof. William concluded by appreciating the DG/CEO for his audience and stated that this visit will contribute immensely to the vision of the University which is to become a world class University with knowledge and skills with inculcating moral and spiritual values on which the Christian faith is founded.

Responding to the request for the purpose of the visit, Prof. Samson Duna expressed his readiness and pledged to support the Institute's full support to collaborate with the University to uplift the country's R&D to a greater level.

To build a stronger synergy between both Institutions, a six-man committee was constituted comprising three members from Bingham University and three members from NBRI with a mandate given to them to come up with a document suggesting other possible areas of collaborations and development MoU.



NEW GOVERNING BOARD FOR NBRI INAUGURATED

The Governing Board of the Nigerian Building and Road Research Institute has been formally inaugurated. The ceremony took place during the combined inauguration of the Boards of all agencies under the aegis of the Federal Ministry of Science, Technology and Innovation, on Thursday 14th October, 2021 at the Conference Hall of the Administrative Headquarters of the Raw Materials Research and Development Council in Abuja.

Inaugurating the Boards, the Hon. Minister of FMSTI, Dr. Ogbonnaya Onu charged the appointees to see their nomination as a call to national service. He urged them not to disappoint the President of the Federal Republic of Nigeria, His Excellency, Muhammadu Buhari, considering the commitment and deep sense of responsibility with which Mr. President is tackling the challenges of making Nigeria a better place for the unborn generations.

The Minister noted the crucial role Science, Technology and Innovation play in nation building and urged the appointees to work hard to succeed in the interest of our beloved country. He affirmed the Federal Ministry of Science, Technology and Innovation is determined to help Nigeria become a prosperous nation; adding that it is the general conviction that unless everyone works hard and remains committed to the task of diversifying the economy, science, technology and innovation will not play its expected role.

He further enjoined them to be familiar with the Presidential Executive Order for the planning and execution of projects, programmes and contracts with Science, Engineering and Technology components. The Minister noted that the order aims to rebirth new Nigeria with the necessary local capacity that will reduce capital flight, strengthen manpower development and restore national pride.

After the official inauguration at RMRDC, the NBRI Board Members led by the Board Chairman, HRH, Eze (Dr.) Uche Egenti, **mon** made a quick stop over at the Administrative

Headquarters of the Institute in Jabi, Abuja where they were formally welcomed by the DG/CEO of NBRI, Prof. Samson Duna and other top Management Staff.

In his welcome address, Prof. Duna commended the Board members whom some of them were familiar faces to the Institute for their various contributions to the Institute in the past and he stressed that he has great confidence in the new Board and hoped to see all that the Board and the Institute will achieve in future.

He further mentioned that there is an urgent need to move the Institute to the next level and to raise its global ranking which can partly be exhibited in the form of modern and innovative needs for housing delivery, cheaper and affordable road and road transport schemes, alternative engineering construction materials, affordable construction tools and as well as user friendly construction methods. He also craved the indulgence of the Board Member from the South-South Geopolitical Zone to help NBRI get a plot of land from the zone for the construction of NBRI's permanent office. He also sought for their intervention in encouraging members of the parliament and other stakeholders to continually use NBRI Technology for intervention in their constituencies and communities' projects. Prof. could not end his speech without soliciting for the support of the Board in areas of NBRI Bill, budgeting allocation and better working condition for all staff.

The Chairman of the NBRI Governing Board, HRH, Eze (Dr) Uche Egenti thanked the DG and Management staff for the warm reception. He assured the DG that their best will be activated and their influence will be used to bring progress and growth to the Institute.

The Board includes;

HRH, Eze (Dr) Uche Egenti, mon	- Chairman
Barr. Isa Modu Isa Chul	- Member
Hon. Alhasan Uba Idris	- Member
Alhaji Aliyu Bello	- Member
Chief Sunday Nwaji	- Member
Hon. Anthony. Etim. Udokang	- Member
Mrs. Bukola Ajao	- Member
Engr. Dr. John O. Chukwu	- Member
Dr. Peter Ekweozoh, mni	- Member
	(Represent, Hon. Minister, FMSTI)
	- Secretary.

Prof. Samson Duna (DG/CEO, NBRI)

PHOTO GALLERY OF THE INAUGURATION

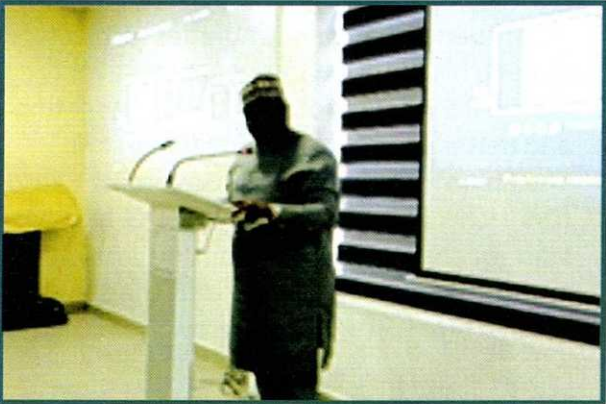
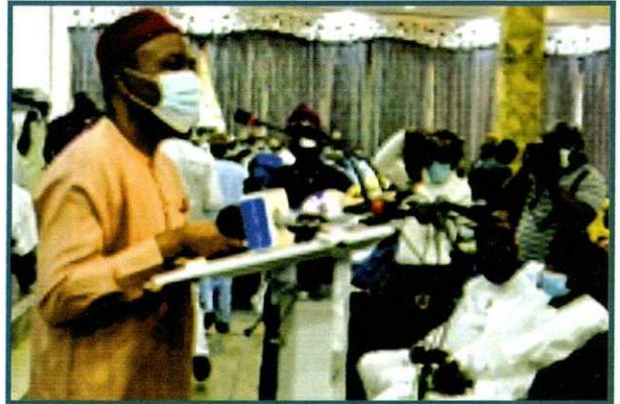


PHOTO GALLERY OF THE INAUGURATION



BRIEF PROFILE OF BOARD MEMBERS



HRH EZE (DR) UCHE EGENTI
CHAIRMAN, NBRRI GOVERNING BOARD

HON. COMRADE ALHASSAN UBA IDRIS



Hon. Alhassan Idris hails from KofarMazugal, Dala LGA of Kano State. He attended Dantata Memorial Primary School from 1967 to 1974 where he obtained his Primary Education Certificate; Dutse Teachers Training College from 1979 to 1982 and Kano State College of Education, Kumbotso from 1984 to 1987.

Hon. Alhassan is a man with a vast wealth of working experience both in the public and private sectors. He worked as a Classroom Teacher, Government Secondary School, Gwammaji II; Pupil Teacher, Kademi Central Primary School, Gaya LGA, Kano State; Operation Manager, Alaj Petroleum Marketing

Company, Kano; Unit Secretary, National Union of Petroleum Tanker Drivers Branch (P. T. D); Chairman, National Union of Petroleum and National Gas Workers (I.M.B) Kano Unit; Deport Representative, Hassan Alhassan/Alaj Petroleum Marketing Company; Chief Whip, Kano State House of Assembly (2004-2007); Member, Kano State House of Assembly (2003 – 2007); Member House of Representatives, Abuja (2007-2011); He is currently the Chairman, A.U.I Multipurpose Nig. Ltd.

Hon. Alhassan has attended varied conferences both home and in diaspora amongst which are; International Conference on Irrigation and Water Conservation (China); International Conference for Adult Education (South Africa); International Conference on Electrification (Sweedden); and International Labour/Organization Conference (Geneva).

Hon. Alhassan is a man of the people as his hobbies includes; meeting new people, reading and traveling.

UDOKANG ANTHONY ETIM



Mr. Anthony Udokang hails from Uruan LGA of Akwa Ibom State. In his quest for knowledge, Mr. Anthony attended his primary school in Chamley Calabar from 1971-1976. He further attended Secondary Technical College, Oyubia, Oron from 1979-1983. He obtained an OND from School of Accountancy/Business Administration in 1993 (now Uyo City Polytechnic).

Mr. Anthony is vast in politics and has a commendable working experience. He started his working career as a Senior Sales Executive at Rank Xerox Limited. He also worked as sales representative for Etesy Nigeria Enterprises.

In his quest for better Nigeria, Mr. Anthony joined the Nigeria politics and became the National Youth Leader in ANPP and later became Akwa Ibom State Youth Leader ANPP. He was the Akwa Ibom State Secretary ANPP. Due to his exemplary and political leadership, he was elected the National Youth Leader for ANPP. He later became the Interim State Publicity Secretary of APC Akwa Ibom State. Apart from his political career, he's also a self-employed entrepreneur. He is married and blessed with children.

MRS. ADEBUKOLA EJIDE



Mrs. Adebukola Ejide Ajao was born in Lagos Island, Lagos State on the 6th of September 1962. She is a Christian and hails from Afijio LGA in Oyo State, Nigeria.

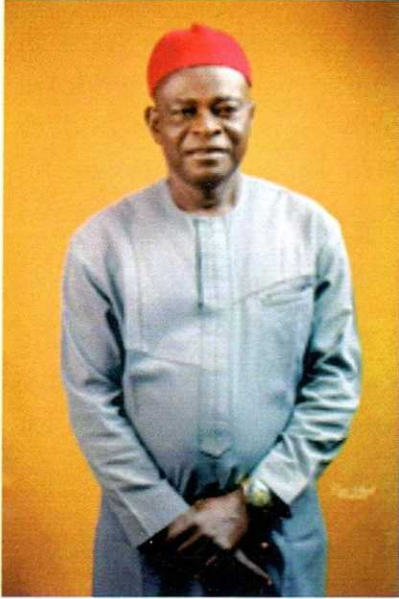
Being a woman with the quest for knowledge, she obtained her primary school education at St Joseph Catholic Primary School and moved on for her secondary school education at the Apostolic Church Grammar School. She went further to obtain a National Diploma from Sokoto State Polytechnic.

She worked in the financial sector at the now extinct Gamji Bank. She successfully ran a hair salon 'New Waves Hair Salon' and she is currently running a well-established catering service 'Baflaf Catering Service'.

She has volunteered selflessly to the Yoruba Women's Association as a Secretary and also as the Lagos State coordinator.

She enjoys playing table tennis and being in the company of her children.

CHIEF SUNDAY NWAJI



Chief (Hon.) Sunday Nwaji was born on 22nd June 1962 to the family of late Mazi Nwaji Njoku and madam Janet Nwaji both from UmunezeMgbomUgwulangwu in Ohozara Local Government Area of Ebonyi State. Chief Nwaji started his primary education in a catholic mission now known as EnechiEkuma memorial primary school Okposi but was interrupted by the civil war. Immediately after the war in 1970 chief Nwaji enrolled at Mgbom central school Ugwulangwu and obtained his First School Leaving Certificate in 1974. He sat and passed common entrance examination the same year and was admitted at the prestigious Abakaliki High School (PRESCO). Chief Nwaji passed out in flying colours in 1979 after sitting for his West African Examination Council (WAEC). In 1982 he gained admission into the University of Port Harcourt where he obtained his bachelor of Science (B.sc) in political and administrative studies in 1985. The following year he proceeded on compulsory National Youth Service (NYSC) at Government Secondary School Nyanya Federal Capital Territory Abuja.

In 1999, chief Nwaji was elected president – General of Mgbom Ugwulangwu Town Union. As Pioneer president, he was faced with the task of Ezeship selection. It is common knowledge nowadays that the selection of traditional rulers always leads to crisis within communities. As chairman of Eze coronation committee Chief Nwaji on 12th January 2002 organized the best ever recorded coronation ceremony during that period and was meritoriously given a chieftaincy title of “Okwuruoha I of Mgbom Ugwulangwu”. Chief Nwaji on 1st July 2013 was presented with merit award as Ezinna, for his selfless service to God and Humanity by the Reformed Prebyterian Church of Nigeria Mountain Zion Parish, Mgbom Ugwulangwu. Chief Nwaji served as Chairman MgbomEgbani developing Union, Chairman ANPP Ohaozara Local Government chapter, Chairman Unaeze development Union, Chairman comprehensive secondary school implementation committee Mgbom Ugwulangwu. It was under his leadership that the comprehensive secondary school hall was built by the comm

Chief (Hon.) Nwaji was duly nominated and contested as the deputy Governorship candidate in 2011 governorship election in Ebonyi State. On 2015 Chief Nwaji co-ordinated Gen. Muhamadu Buhari's Campaign organization in Ohaozara Local Government Area of Ebonyi State. He is currently the special adviser on federal establishments in Ebonyi state to His Excellency Dr. Ogbonnaya Onu, the Minister of Science, Technology and Innovation.

Chief (Hon.) Sunday Nwaji who is married to Gladys Ifeyinwa Nwaji is blessed with seven children and has reading developmental literature as hobby.

**Engr. (Dr) John Obinna Chukwu, DPA (Honoris Causa),
UNN, FNSC, FIPAN, CEng, MloD, MASCE, MNIM, MCOPRI, MCI.**



Engr. (Dr) John Obinna Chukwu was born in Enugu. He had his primary education in his hometown, Amuzi and Enugu. He obtained West African School Certificate, and General Certificate in Education at Community Secondary School Amuzi, AhiazuMbaise, Imo State in 1974. He had his Higher School Certificate at Dennis Memorial Grammar School, Onitsha Anambra State in 1976. He obtained his Bachelor's Degree in Civil Engineering from University of Nigeria, Nsukka, Enugu State in 1982 and a Master of Science in Construction Engineering and Management from the University of Leeds, United Kingdom.

He joined the Federal Civil Service as a Civil Engineer Grade II in 1983 with the Federal Ministry of Housing and Environment and rose to the position of Director of Procurement in 2010. In March 2013, he was appointed Federal Permanent Secretary and posted to the Federal Capital Territory Administration from where he retired in November 2015.

Engr. (Dr) Chukwu is a fellow of both the Nigerian Society of Engineers (NSE), and the Institute of Public Administration of Nigeria (IPAN). He is a member to 6 other professional bodies and has attended several courses both locally and internationally. In 2004, he received commendation for excellent work done as the Secretary of a Technical Sub-Committee on Permanent Solution to the Bar Beach Shoreline Erosion Problem, from the then Minister of Works Senator. Adeseye Ogunlewa. In 2012, he was member of a panel of inquiry on Pension Matters in the Power Sector.

Engr. Chukwu is happily married to Chief Mrs. Tina Ulunma Chukwu an Educational Manager and Entrepreneur with four children.

On January 28 2017, he received an Honorary Doctorate Degree in Public Administration (DPA, Honoris Causa) from the University of Nigeria Nsukka, in recognition of his notable contributions to society, the University and exemplary accomplishments.

Furthermore, Engr Chukwu has received several awards of honor from his secondary, professional bodies, church and non-profit making organizations including the Melvin Jones Fellow for Dedicated Humanitarian Services by Lions Club International

He is currently the:

1. Principal Partner/CEO, M/s Fastrack Engineering Ltd, Abuja: Consulting Engineers and Project Management.
2. Chairman Doveland International Schools, Jabi and Wumba District, FCT.
3. Chairman Nnji-Chukwu Foundation.
4. Chairman Board of Trustees, Amuzi Progressive Union Amuzi, Ahiazu-Mbaise LGA, Imo State.

BARRISTER ISAH MADU CHUL (Wakili of Uba)



Barr Isah Chul hails from Chul, Askira Uba LGA Borno State, Nigeria. He attended Lassa Primary School from 1964-197. He also attended Mubi's Teachers College from 1971-1976 where he obtained the Teacher's Grand II and WAEC and then went on to attend the University of Maiduguri where he obtained Bachelor of Law from 1976-1983. He was called to bar after attending the Nigerian Law School from 1983-1984.

Barr. Chul is a man with great and notable work experience. He was a Primary School Teacher; He was also the Legal Executive/Company Secretary, Borno Investment Company.

Barr. Chul began his political career from his university days as the Assistant Secretary General and Clerk of the House (Student Union, University of Maiduguri). He became the State Legal Adviser, Social Democratic Party, Borno State. He was the State Secretary of the United Nigeria Congress Party, Borno State; State Secretary, ANPP Borno State; Acting State Chairman, ANPP Borno State; Commissioner of Education, Borno State; Attorney General and Commissioner of Justice, Borno State; Chairman, Caretaker Committee Askira/Uba LGA and later became the Executive Chairman, Askira/Uba LGA; National Vice Chairman and Zonal Chairman, ANPP, (North-East); Deputy National Publicity Secretary (Interim management APC); Deputy National Auditor, APC; Acting National Auditor, APC; National Working and Executive Committee, APC; And today, he is a Board Member of NBRRRI Governing Board. He is also a member of Borno Elders' Forum and the Principal Partner Chulawa Chambers. He is married and blessed with kids.

DR. EKWEZOH, PETER CHIDEBE, mni, FIMC, FIMD



DR. EKWEZOH, PETER CHIDEBE, is a Member of the National Institute (mni), Fellow of the International Management Consultant (FIMC), Chartered Management Consultant (CMC), Fellow, Institute of Industrialists and Management Development (FIMD). He holds B.Sc (Hons) in Biochemistry; M.Sc in Brewing Science & Technology; MBA (Management), DBA(Environmental Management)-Honoris Causa(Commonwealth University, London), Galileo Master Certificates in Renewable Energy Management & Finance/Energy Efficiency in Buildings/Carbon Management/Green Deal/Wind Power/Renewable Energy Solutions.

For over 10 years Dr. Ekweozoh was involved in Science and Technology policy formulation and strategy as Special Duties Assistant to three different but consecutive former Honourable Ministers of Science & Technology in Nigeria. He is a Director and former Head of Department of Bioresources, and currently Head of Department of Environmental Sciences and Technology, Federal Ministry of Science, Technology and Innovation (FMSTI). As the Head of FMSTI Climate Change, he led the Technology Transfer Negotiating Team of the Nigerian Delegation to the United Nations Framework Convention on Climate Change (UNFCCC) Conference of Parties in Copenhagen, Denmark, in 2009. As an environmentalist, he designed Nigeria's National Waste-to-Wealth Programme Using Appropriate Technologies; the Nigeria Cleantech Innovation Programme and serves as the Chairman of Technical Committee on Methanol Fuel Technology Implementation in Nigeria.

He has served at various times on the Governing Boards of Parastat... on the Boards of the Nigerian Building and Road Research Institute..., National Environmental Standards and Regulations Enforcement Agency, among others.

He has received various awards and delivered papers in many national and international conferences.

He is the Author of *Nigeria Waste-to-Wealth Programme Using Appropriate Technologies: FMSTI*

PROF. SAMSON DUNA, HONOURED WITH THE TRADITIONAL TITLE: 'LEMAN YAKANAJIE UKE'

Just like the African adage that says “Scent oil sell its self in the market”, so does Engr. Prof. Samson Duna stand in the midst of many with his laudable humanitarian services and community developmental programmes as captured in a recent event.

In touching the lives of the people, Prof. Samson Duna has imprinted his footprint in the Ancestral home of the YAKANAJIE UKE Kingdom in Karu LGA, Nasarawa State with his charitable works in the Palace as part of the Nigerian Building and Road Research Institute's Corporate Social Responsibilities. In appreciation of the great services to the kingdom by Prof. Duna and the Institute, His Royal Majesty, Alh. Dr. Ahmed Hassan Abdullah (KOBA) and the entire Yakanajie Uke Emirate, on Wednesday 22nd of September, 2021 conferred on Prof. Duna a highly recognized Traditional Chieftaincy title, 'LEMAN YAKANAJIE UKE' which literally

means “Umbrella of Yakanajie Uke”. Presenting the acknowledgement on behalf of His Royal Majesty and the entire Emirate, Alh. Abubakar Illyasu encouraged Professor Duna to continue with his good works as he further enjoined leaders to also thrive towards the actualization of community goals.

In appreciation remarks on the conferment, Prof. Duna expressed gratitude to His Royal Majesty and the entire Yakanajie Uke Emirate for finding him worthy to be chosen as part of the titled cabinet of the Emirate. He also appreciated the Management and Staff of the Institute for the great support he is getting through their hard work and commitment to uplift the Institute to greater height.



TRAINING ON MATERIALS CHARACTERISATION AND GEOTECHNICAL TESTS RESULT ANALYSIS AND INTERPRETATION



In line with the Institute's mandate in building capacity and conducting applied Research and Development as it relates to building, roads and construction materials sectors in Nigeria, the Nigerian Building and Road Research Institute organized a three day in house training on *Materials Characterisation and Geotechnical Tests Result Analysis and Interpretation*

The training has become imperative to equip Research officers in the Institute towards fulfilling this very technical and sensitive mandate.

Geotechnical results obtained from the Laboratory are expected to be analyzed and interpreted correctly due to the fact they determine the safety of the civil engineering structures that will be placed on the soil whose parameters were determined. To some degree failure in civil

engineering structures be it building or roads is not always as result of the tests carried out but the wrong interpretation of the results gotten. Engineers sometimes are faced with the

problem of interpreting the results given to them by the laboratory technologists due to lack of sufficient analytical skills and interpretation of the results. Therefore, participants will be equipped with the right procedures to analyse and interpret some of the basic and major geotechnical results for better design of civil engineering structures.

NEEDS/PROBLEMS

Engineers sometimes are faced with the problem of interpreting the results given to them by the laboratory technologists due to lack of sufficient analytical skills and interpretation of the results. Therefore, participants will be equipped with the right procedures to analyzed and interpret some of the major geotechnical result for better design of civil engineering structures.

TARGET AUDIENCE

Civil Engineers (Geotechnical engineers, Structural engineers, Highway and transportation engineers and Water resources & Environmental engineers), Designers and Technologists

GOALS/OBJECTIVES

The desired objective of this training was to bridge the knowledge gap understanding and analysing basic materials characterisation and geotechnical test results and data. The following key benefits include:

- Boost analytical and interpretation skills
- Improve on graphical arrangement of data
- Introduce analytical tools

SCOPE

The teaching will be an interactive one that involves practical analysis using Microsoft Excel with all participants using their laptops to analyse result from raw data from the laboratory



RITVALUE CONSULTANTS SIGN MoU WITH NBRRI



relationship between both organizations, the signing of a Memorandum of Understanding (MoU) took place on 10th November, 2021 at the NBRRI's Head Office in

Abuja. Welcoming the team from RITVALUE CONSULTANTS, the DG/CEO of NBRRI, Engr. Prof. Samson Duna expressed satisfaction on the moves taken by both organizations to work in harmony for the betterment of the country. He stated that his major concern is not the signing of the MoU, rather the end result and good working relationship that the MoU will achieve and cement between both organizations. While speaking, Prof. Duna charged the team from RITVALUE CONSULTANTS to come up with programmes that will involve both organizations either training of Artisans or Seminars and other developmental strides between now and the first quarter of 2022. Responding to these proposed tasks, the president/CEO of RITVALUE CONSULTANTS, DR. Taofiq Raimi appreciated the DG/CEO of NBRRI, Management Staff and all Staff of the Institute for finding RITVALUE CONSULTANTS worthy for collaboration. He assured NBRRI that there shall be greater and progressive impact of the collaboration on the society in the nearest future. He also stated that RITVALUE CONSULTANTS is known for its brand which is research and implementation of its research findings to the fullest. He also briefed the DG/CEO that as regard the task of organizing programmes soonest, a solid plan is already on the pipeline which will come to limelight before the end of this year 2021.

Public-Private Partnership builds a stronger economy, develop the society, create wealth and improve all aspects of the country through progressive collaboration, teamwork and result oriented ideas. To achieve these, the Nigerian Building and Road Research Institute (NBRRI) in collaboration with RITVALUE CONSULTANTS, both strong and viable government and private organizations respectively have been working assiduously for the past five months on possible ways of collaboration in uplifting the country's economy via series of programmes that will be of immense benefits to those in the construction and built environment. To have a concrete and solidify working

Abuja.

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The peak of the event was the ceremonial signing of the MoU and official presentation of the documents by the DG/CEO of NBRRI and the President/CEO of RITVALUE CONSULTANTS.



NBRI GOVERNING BOARD TOURS NLC, OTA



On Thursday 2nd December, 2021, the members of the Nigerian Building and Road Research Institute Governing Board embarked on a working tour of the National Laboratory Complex in Ota, Ogun State.

Speaking at the tour, the Chairman of the Governing Board, HRH (Dr) Eze Egenti commended the DG and Staff of the institute for their numerous researches toward the development of the institute.

Dr. Egenti also stated that the board will not relent in working with the government to do all that it can to help develop indigenous capacity that will enable Nigerians to give their best in the important task of nation building.

He expressed his belief that NBRI is well poised to play an important role in achieving this objective. He noted with delight that NBRI in collaboration with other important stakeholders will bridge a gap in the lack of technical skills through continuous training of artisans

and craftsmen which will in turn stem capital flight associated with artisans



imported from other countries and ensure quality assurance in the delivery of construction activities in Nigeria.

The Board Chairman urged the DG to continue to work hard so as to ensure that all Nigerians benefit from its research breakthroughs.

Also speaking the Board Members appreciated the nature of completed and ongoing research work on ground and urged the Institute to keep the good work going.

Earlier while welcoming the Board members, the

DG/CEO of NBRI, Prof. Samson Duna said it was an honour to host them at the Complex and appreciated their various interests and contributions to the growth of the institute and the Nigerian Construction Industry at large.

The DG in turn urged them to use their good offices in order to help foster more NBRI projects in their various constituencies. He wished that

God will grant them journey mercies to their various destinations.



NIGERIAN MILITARY INTERESTED IN TRAINING AND MATERIALS TESTING WITH NBRRI

The Commandant of the Military Special Forces Unit, Maxwell khobe Cantonment Rukuba, Brigadier General Solomon Er was on Wednesday 13th October 2021 at the NBRRI's North-Central Zonal Office, Jos, Plateau State

In his speech, the Military General explained that the purpose of the visit is to interact with the Institute on ways of possible cooperation and collaboration in areas of training and materials testing between the two organizations.

General Er further expressed interest in the Institute's Bricks Technology used for the construction of the Research Office Complex at the Zonal Office.

Receiving the General on behalf of the DG/CEO of NBRRI, Prof. Samson Duna was the North-Central Coordinator of the Institute, Jos Office, Mr. Elijah TerverTyosar

Mr. Tyosar appreciated the visit by the Military General and assured him of the commitment of NBRRI in Nation building and impacting positive changes in the economy through R&Ds and the use of local content in the construction environment.

After the brief meeting, the Military General was led round the office by the Zonal Coordinator and the Engineers at the Zonal Office.



ARTISANS IN THE NORTH-EAST TRAINED ON NBRRI LEARNING GUIDE

A one-day intensive training has been organized by the North-East Zonal Office of the Nigerian Building and Road Research Institute (NBRRI) with the use the NBRRI Curriculum learning Guide.

The training which took place on 13th December, 2021 in Gombe, had in attendance over 25 participants who specialized in different trades such as; painting, decoration, plumbing, masonry, draughting, tiling, carpentry, electrical installation, and iron bending

Speaking at the commencement of the training on behalf of the DG/CEO of NBRRI Prof. Samson Duna, the coordinator of NBRRI's North-East Zonal Office, Mr. Yerima Abubakar Baba acknowledged the presence of the Director of Innovation, Gombe State Ministry of Science, Technology and Innovation, Alhaji Usman Muhammad Shehu who stood in for the State Commissioner of Science, Technology and Innovation, Dr. Aishatu Umar Maigari.

Mr. Yerima tasked the participants to make use of the knowledge acquired in accordance with NBRRI's guidelines to achieve quality assurance in the construction industry. The training was conducted by Staff from the Abuja office of the Institute.



ARTISANS IN NORTH CENTRAL ZONE EMPOWERED BY NBRRI



Training and empowering artisans is a great asset that is required in the construction industry. The Nigerian Building and Road Research Institute (NBRRI) is leaving no stone unturned in ensuring that all facet of the construction sector of Nigeria has the best hands to handle all stages of construction professionally.

This is the driving force behind the series of trainings the Institute is organizing in the country for artisans of various fields in the construction industry. Plateau State was not left out of this great development as the Nigerian Building and Road Research Institute (NBRRI) via its North-Central Zonal Office organized training on various artisanal skills to empower artisans in the Plateau.

The training which was organized in collaboration with WOBASE Investment Institute was held on Tuesday 7th

December, 2021 in Jos, Plateau State.

Declaring the training open on behalf the Director-General/Chief Executive Officer of NBRRI, Pro.

Samson Duna, the North-Central Zonal Coordinator of NBRRI, Mr. Terver Tyosar, said that the sensitization training which has over 50 participants is necessary and timely for enhancing the capacity of the participating artisans towards bridging the gaps in the construction sector.

Stressing further, Mr. Terver stated that; "As an institute, we are charged with the responsibility of conducting research and development in various aspects of construction sector and capacity building. We have designed a curriculum called Learning Guide which is basically meant for artisans training in 10 major trades of plumbing, carpentry, masonry, welding, etc."

Speaking further, he stated that some of the earlier skills the artisans acquired are now obsolete, and there are so many new trends developing in the construction sector that

they need to change and adapt to.

Finally, Mr. Terver mentioned that the selection of the beneficiaries was an open selection which was conducted by the National Association of Engineering Craftsmen (NAEC); a body responsible for the registration of craftsmen in the country.

Speaking at the event, Chief Henry Miri, NAEC Chairman in Plateau State, appealed to the state government to engage the services of skilled professionals in doing some of the constructions in the state. In his words, he stated that "the state government should be able to leave politics aside and not toy with people's lives when awarding contracts. They should ensure that structures stand the test of time not just during their regime so we should stop playing to the gallery and engage only professionals"

Mrs. Esther Eyoh who spoke on behalf of the beneficiaries, thanked NBRRI for the gesture and promised to put the knowledge acquired to good use.

Some of the trades that were learnt during the training are painting, decoration, plumbing, masonry, draughting, tilling among others.

NBRRI'S NORTH-WEST ZONAL OFFICE BUILDS CAPACITY OF ARTISANS

Having qualified, professional and competent Artisans for better construction in the built and construction sectors of the country is one of the major drives by the Nigerian Building and Road Research Institute in curbing building collapse, bridge and road failures in the country.

To have a better workmanship, NBRRI held an intensive training of artisans on Thursday 9th December 2021, at its North-West zonal office, Kano.

In his welcome address, the DG/CEO NBRRI Prof. Samson Duna represented by the coordinator of NBRRI's North-West Zonal Office, Mr. Moyi M. Zayyanu welcomed all the participants to the training and tasked them to be attentive so as to improve in their various skills and apply whatever skill learnt during the training practically for a better, safer and conducive environment.

The training session which was handled by facilitators such as Mrs. Obidozie Nddi Virginia and Eng. Adamu Isah Katagum, had various trades taught which includes; painting, decoration, plumbing, masonry, draughting, tiling, carpentry, electrical installation, and iron bending. The session did not end on just training but working tools and safety equipment were distributed to the participants at the end of the training.



SOUTH SOUTH ZONE ARTISANS BENEFIT FROM NBRRI TRAINING



More than 45 artisans from various trades in construction industry attended a one-day intensive training programme which took place at NBRRI's South-South Zonal Office, Uyo, Akwa Ibom State.

The training was organized by the Nigerian Building and Road Research Institute (NBRRI) in conjunction with WOBASE Investment Limited, and held on December 13th, 2021.

In his opening remark, the DG/CEO of NBRRI, Prof. Samson Duna, represented by the Zonal Coordinator, NBRRI's South-South Zonal Office, Engr. Enefiok Etuk, welcomed the facilitators from the NBRRI's Headquarter, Abuja and the participants. He explained that the training programme was

designed to sensitize the artisans in various trades and strengthen capacity in the building construction sub-sector, considering their critical role in the industry and the society as a whole – as well as empower them with equipment and tools for proficiency in their respective trades. Some of the trades learnt includes: painting, decoration, plumbing, masonry, draughting, tiling, carpentry, electrical installation, and iron bending. He appreciated the turn-up especially in the interest and enthusiasm demonstrated by female artisans in the state. According to him, artisans and tradesmen were indispensable cadre of professionals in the construction industry.

In their separate speeches, the facilitators and staff of NBRRI who came from Abuja, Engr. Gidado Tukur and Mr. Alfred Buba, while appreciating the Zonal Head and the artisans for their impressive turn up, charged participants to avail themselves of the opportunity and strengthen their skills for improved productivity.

In his remarks, the President, National Union of Professional Artisans of Nigeria, NUPAN, Comrade Aniekanabasi Dennis poured encomiums and lavished praises on NBRRI and enjoined the artisans to avail themselves of the opportunity and step up their professional value in the society.

SOCIAL DIARY



BABY STEPHEN UNEKWUOJO, BORN ON 4TH JANUARY, 2022 INTO THE FAMILY OF MR. AKOR OJOCHIDE INNOCENT OF FINANCE AND ACCOUNT DEPT, ABUJA



BABY ALIYU UMAR GWARAM, BORN ON 29TH APRIL 2021 INTO THE FAMILY OF ENGR. UMAR ALIYU GWARAM OF SLTD, GOMBE ZONAL OFFICE



BABY ALIYU SAMIR ABDULRASHEED, BORN ON 17TH AUGUST, 2021 INTO THE FAMILY OF ABDULRASHEED BASHIR OF CESD, GOMBE ZONAL OFFICE



BABY ALIYU SAMIR ABDULRASHEED, BORN ON 17TH AUGUST, 2021 INTO THE FAMILY OF ABDULRASHEED BASHIR OF CESD, GOMBE ZONAL OFFICE



Baby Atari Excel, born on 23rd Nov. 2021 to the family of Mr. Affiku Elisha of P/M Department, Jos Zonal Office



Baby Exousia Gai A, born on 30th August 2021 to the family of Mr. Gai Ayuba of A/F Department, Jos Zonal Office



Baby Bethel Ismaila born on 18th October, 2021 to the family of Mr. Ismaila Joseph of Road Research Department and Mrs. Gatso Dalyop of A/P, Jos Zonal Office

WEDDINGS



MR. ALBERT BITRUS OF PITD, GOMBE ZONAL OFFICE MARRIED FORMER MISS EDNA ELISHA ON



MR. BARNABAS TERHIDE IORSUE OF EMRD, GOMBE ZONAL OFFICE MARRIED FORMER MISS RACHAEL



ENGR. UMAR ALIYU GWARAM OF SLTD, GOMBE ZONAL OFFICE MARRIED FORMER MISS SADIYA MUHAMMAD



Mr. Ahmed Isah Tenimu of P/M Department, Abuja married former Miss Rahmat Umar Muhammad on 26th December, 2021

OBITUARY

DEPARTURE OF A RARE GEM



Life they say is like a vapour that evaporates into the atmosphere never to be seen again. So, it was when on the 7th of August 2021 our dear friend, brother and colleague Mr. James Monday Egila left his earthly suit and vanished into the great beyond by answering the call of death after a brief illness.

Until his demise, he was a staff of the Nigerian Building and Road Research

Institute with the department of Consultancy and Extension Services where he worked for six (6) years after picking up his appointment with NBRRRI in 2014

Gentle James as he was fondly called by friends was born to the family of Mr. and Mrs. Menegbe of Bass L.G.A of Kogi State. He attended LGEA Central Primary School, Gboloko, 1983 and proceeded to G.S.S Tunga-Maje, Abuja 1989 for his secondary education. To further his academic pursuit, he attended the University of Abuja between 2003 to 2007 where he obtained a B.sc in Sociology and served the country with the National Youth Service Corpe in Giade, Bauchi State.

Until his demise, gentle James had a harmonious relationship with all his colleagues and superiors. He is always punctual to office and outside work when called upon. His memory will live long in our hearts.

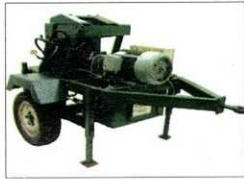
Rest on James Egila. Rest in the bosom of the Lord.

NIGERIAN BUILDING AND ROAD RESEARCH INSTITUTE (NBRII)

(Federal Ministry of Science, Technology and Innovation)

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ASPHALT MAT



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 - Investigation of collapsed building across the country and other research findings.
- (The reports can be purchased at any of the NBRRI offices across the country)

For more information, please contact:

DIRECTOR-GENERAL/CEO, NBRRI

ENGR. PROF. SAMSON DUNA, FNICE, MNIEM, RE(coren), FNAEGE, FNSE

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South-South:

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Akwa Housing Estate,
Off Abak Road, Uyo
Akwa Ibom State

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