



ISSUE: 18 (August, 2022)

Head-on Resolution of Power Outages in CRIN



The endemic power outage at the Senior Staff Quarters (SSQ) of the Institute has been laid to rest; many thanks to the visionary and

compassionate Executive Director (ED), Dr. Patrick Adebola. On July 23, 2022, the ED kept the Engineering Head, Engr. Bakare and his subordinate, Engr. Patrick Ikpefan on their toes till the feat was achieved. To address the water shortages in the Institute, which has a direct correlation with the epileptic power supply from the national grid, the ED has promised to distribute four Generators to all quarters for the boreholes usage. Additionally, the ED, whose word is his bond, has promised to procure 33KVA electricity dedicated supply in order to lay to rest permanently power supply issues in the Institute when funds are available.



Appreciatory visit by some staff union executives to the Executive Director

CRIN Partners with NEPC on Cocoa Workshop at Yenagoa, Bayelsa State

A workshop on cocoa, in collaboration with the South-South Region of Nigerian Export Promotion Council (NEPC), was organized for the farmers and extension workers in Bayelsa State on April 21 to 22, 2022 at Yenagoa. A total of fifty (50) participants (trainees) were in attendance at the workshop. Among the farmers present at the workshop were existing cocoa farmers in the state, other crops farmers who are interested in cocoa farming and extension officers of the state. Some of these farmers have hectares of cocoa farms inherited from their parents, some acquired land and planted the cocoa themselves, while others are planning to start cocoa farming, all within the state. The representative of the Executive Director, Dr. Olasupo Festus made a presentation titled: *"Optimizing Nigeria Cocoa Production and Quality: From Bean to Bar"* at the workshop.

The training was hands-on as participants were exposed to practical demonstrations at the Bayelsa State ADP plot of land in Yenagoa. In attendance was the Commissioner for Agriculture, Chief



The Engineers at work on the transformer





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David Alagoa and the Majority Leader of Bayelsa State House of Assembly, Hon. Monday Obolo. The two government representatives expressed their interest in partnering with CRIN for the promotion of cocoa farming and business in Bayelsa State in the coming planting season.



Cross-section of the participants during the training



Interaction of CRIN Scientist, Dr. Olasupo with the participants during the training



Participants with cocoa seedlings from CRIN



Demonstrating cocoa seedling transplanting to the participants



Bayelsa State Commissioner for Agriculture during demonstration



Majority Leader in the Bayelsa State House of Assembly during demonstration





Dr. Olasupo F.O. (middle) with the NEPC Officers (Workshop Organizers)

CRIN Partners with JohnVent on Cocoa Training of Trainers Workshop

Cocoa workshop on training of trainers (ToT) was organized by JohnVent Cocoa Sustainability and Farmers Empowerment Programme in partnership with CRIN for the farmers and farmers' cooperative secretaries in Ondo and Osun States of Nigeria from July 05 to 07, 2022. Earlier this year, the consultant of JohnVent on Sustainability, Magaji Isiaka Bolawa Oladokun visited CRIN to seek for technical assistance and support of the Institute to assess and/or evaluate the State owned 1,000 ha Oda Cocoa Farm for rehabilitation and revitalisation, which they intended to give to farmers in the State and beyond as out-growers. This forms the basis on which the training of farmers and trainers on Sustainable Cocoa Farming along the value chain was organised.

A total of Fifty-five (55) Lead Farmers (participants/trainees) were in attendance at the workshop. These include cocoa farmers and Secretaries of Cocoa Cooperatives. Some of these farmers have hectares of cocoa farms inherited from their parents, while some acquired land and planted the cocoa. However, JohnVent has a plan of

absorbing 150,000 cocoa farmers as out-growers in Oda Cocoa Farm and beyond.



The ED CRIN, Dr. Patrick Adebola being interviewed by Channels TV reporter



The GMD JohnVent, Mr. John Alamu, delivering a speech at the occasion

The grand finale of the programme was held on 7th July. In attendance were the ED CRIN, Dr. Patrick Adebola; the GMD JohnVent, Mr. John Alamu; SSA to the Governor on Agriculture and Agribusiness, Chief Akin Olotu; the Jegun of Ile-Oluji, HRM Julius Adetimeyin; the Representative of Deji of Akure, CRIN Cocoa Programme Leader, Dr. Rasheed A., Adedeji,





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CRIN Head, Production and Substations, Dr. Moses Ogunlade. Other CRIN Scientists included Dr. Kayode Oluyole, Dr. Adegoke Oyedokun and Mr. Amos Oloyede. Other dignitaries present were CAN Chairman, Alhaji Muftau Olayinka Bolarinwa; CFAN National President, Comrade Adeola Adegoke; Secretary, Ondo State Cocoa Revolution Agency; NEPC Rep. for Ondo State, Arc. Benedict Itegebe; and MD Capitalflex Ltd, Dr. Yemisi Shittu.



Cross section of dignitaries at the event



Cross section of the participants



The ED (1st on the right) with some dignitaries at the event



CRIN Representatives at the event

Cocoa Liquor Testing

The Flavour Quality Laboratory (FQL) of the Institute organised liquor testing session on July 19, 2022. The samples from West African Cocoa (Côte d'Ivoire) and Madagascar were used alongside two reference samples. The aim was to determine the flavour quality of different chocolate bars from different sources. The panellists involved in the exercise were scientists from the Institute.



Samples' preparation by the scientists





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Liquor testing session by the panellists

ARCN News

Signing of MOU on Agricultural Commodity Value Chain Expansion Project



A team of prospective investors signed a Memorandum of understanding (MOU) with the Agricultural Research Council of Nigeria (ARC�) on June 24, 2022

with the aim of partnering on Agricultural Commodity Value Chain Project (ACVCP). The team, which was led by the President of Information Marketing and Management Institute (IMMI), Dr. Ekenechukwu Aloefuna expressed their pleasure for being at the special occasion. The IMMI President appreciated the leadership of ARC� and expressed the optimism that the endorsement of the MOU would herald a new revolution in agricultural business in all the Local Government. Earlier, the Executive Secretary of ARC�, Prof. Garba Hamidu Sharubutu expressed delight about the agreement and further stated that their business is a prime

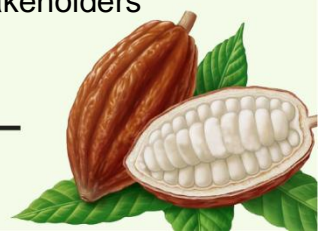
one because not many people can venture into it due to its delicate nature. He commended the set of young people within the private sector who have ventured into serious minded business that can bring so many development and expressed readiness to identify with them. In attendance at the occasion were the Director of Extension Service Department, Prof. Bello Zaki Abubakar and other management staff.



Warm handshake by the ES ARC� and President IMMI after the endorsement



Group photograph with the stakeholders

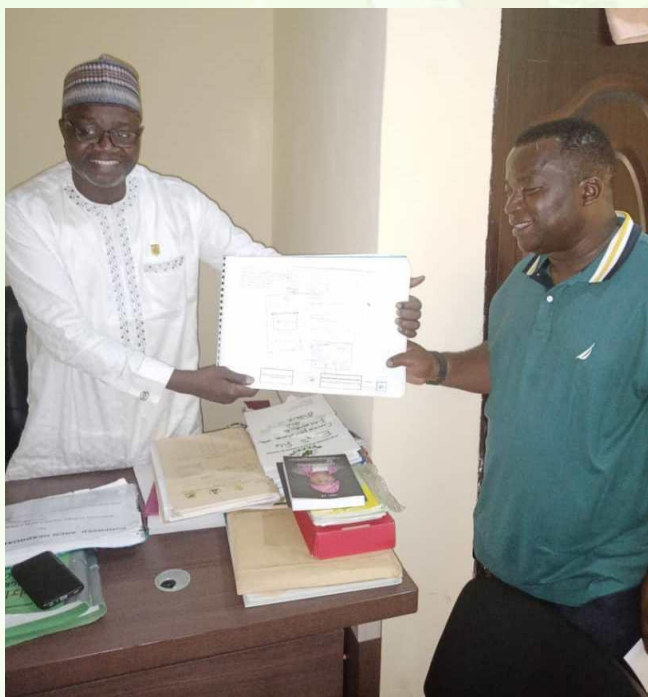


Approval of 5-story Phase 2 Building Plan



It was a great deal of delight and joy unlimited at the ARCN as the long awaited Building Plan Approval for the 5-story Phase 2 building was obtained on the 1st of July, 2022. The Executive Secretary, Prof.

Garba Hamidu Sharubutu mni, in the presence of his management staff, displayed the documents with some ecstatic feelings. It was indeed another milestone and great landmark achievement by the indefatigable and forward looking ES.



Presentation of the building plan

(ARCN Report by Kayode I. Aiyedogbon, Head, Protocol and Publicity)

Health News

Typhoid Fever – Mrs. Bosede Famaye

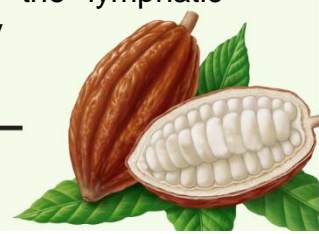


Typhoid fever is an acute illness associated with fever caused by the *Salmonella enterica* serotype Typhi bacteria. It can also be caused by *Salmonella paratyphi*, a related bacterium that usually causes a less severe

illness. Worldwide, typhoid fever affects more than 21 million people annually, with about 200,000 people dying from the disease.

Typhoid fever is contracted by drinking or eating the bacteria in contaminated food or water. People with acute illness can contaminate the surrounding water supply through stool which contains a high concentration of the bacteria. Contamination of the water supply can in turn taint the food supply. The bacteria can survive for weeks in water or dried sewage. About 3% -5% of people become carriers of the bacteria after the acute illness. Others suffer a very mild illness that goes unrecognized. These people may become long-term carriers of the bacteria even though they have no symptoms and eventually be the source of new outbreaks of typhoid fever for many years.

After the ingestion of contaminated food or water, the salmonella bacteria invade the small intestine and enter the blood stream temporarily. The bacteria are carried by white blood cells in the liver, spleen and bone marrow, where they multiply and re-enter the blood stream. Bacteria invade the gall bladder, biliary system and the lymphatic tissue of the bowel. Here, they multiply in high numbers.





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The bacteria pass into the intestinal tract and can be identified in stool samples. If a test result isn't clear, blood or urine samples will be taken to make diagnosis. The incubation period is usually 1-2 weeks and the duration of the illness is about 3-4 weeks.

Symptoms include poor appetite, headaches, generalized aches and pains, fever as high as 104 degrees Fahrenheit, lethargy, diarrhea, sweating, chest congestion, abdominal pain and discomfort.

Prior to the use of antibiotics, the fatality rate was 20%; with antibiotics and supportive care, mortality has been reduced to 1-2%. With appropriate antibiotic therapy, there is usually improvement within one to two days and recovery within 7 to 10 days. Several antibiotics are effective for the treatment of Typhoid fever. Chloramphenicol was the original drug of choice for many years but because of serious side effects, it has been replaced by other effective antibiotics such as Ciprofloxacin, Azithromycin, Ceftriaxone, etc. The choice of antibiotics is to be used is prescribed by the physicians. For those traveling to high risk areas, vaccines are now available.

If typhoid is left untreated, there can be severe intestinal perforation which can cause abdominal haemorrhage or bleeding; encephalitis or inflammation of the brain may also set in. The victim may become dehydrated which increases the intensity of delirium, kidney failure or intestinal haemorrhage. Death can result if left untreated.

As a preventive measure, good environmental sanitation and personal hygiene, good food hygiene by proper cooking to kill the bacteria, avoidance of eating raw vegetables that have been fertilized with human waste, refrain from

taking contaminated milk products, avoidance of oral or anal sex with a carrier, proper sewage disposal, vaccination if traveling to high risk areas and utilization of good source of drinking water are recommended. To the health workers, use of personal protective devices when attending to infected patients is recommended.

Staff of The Month: Asein Oyakhire Jonathan



Mr. Asein Oyakhire Jonathan was born on June 1, 1974. He obtained the Primary School Leaving Certificate at Owere Central School Uhonmora, Edo State in 1987. In 1993 and 2001 he acquired West African School Certificate (WASC) at Uhonmora Secondary Commercial School and National Examination Council (NECO) Senior School Certificate at Ozalla Grammar School, respectively. He proceeded to the Federal Polytechnic Auchi in 2004 and bagged National Diploma in Accountancy. He joined the service of CRIN on the 17th day of July, 1995 as Store Assistant. On the 1st of October, 2010 he was converted from the Store Keeper Cadre at the level of Chief Store Keeper to Executive Officer Cadre at the level of Assistant Executive Officer. He is presently the Head of Finance/Account at CRIN Uhonmora Substation at the level of Senior Executive Officer. He is a dedicated staff and a very good team player.





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August Birthday Galore

Hearty birthday celebrations to the members of staff that will be celebrating their birthdays this month. Wishing you all the very best in your life endeavours. Congratulations!



| | |
|---------------------------|--------|
| Yahaya Aderonke Taiwo | 01-Aug |
| Adio Oluwadare Timothy | 01-Aug |
| Amaize Augustine | 01-Aug |
| Bamigbose Adetayo | 02-Aug |
| Adeyemi Yetunde | 02-Aug |
| Ayinde Jelili A. | 02-Aug |
| Lasisi Yinka | 02-Aug |
| Ubi Augustine Eteng | 02-Aug |
| Ojone Attah | 02-Aug |
| Adenubi Busayo David | 03-Aug |
| Idorenyin Okpo | 03-Aug |
| Iloyanomoh Cecilia I. | 04-Aug |
| Alufa Funmilayo | 04-Aug |
| Fagbemi Dorcas Oyeyemi | 06-Aug |
| Idowu Babatunde Oluwakemi | 06-Aug |
| Adedeji John | 06-Aug |

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|---------------------------|--------|
| Ojedeji Olusegun | 08-Aug |
| Ibhazukor Gabriel | 08-Aug |
| Ismaila Ifeoluwa | 09-Aug |
| Williams Olaide Abisola | 10-Aug |
| Omoware Felicia Ajayi | 10-Aug |
| Akinsafola Bunmi Mercy | 10-Aug |
| Askira Hamidu M. | 10-Aug |
| Adedoyin Nkanlola Mathew | 10-Aug |
| Babalola Joseph Odewale | 10-Aug |
| Adeyemo Adewale Akeem | 11-Aug |
| Lawal Jelili | 11-Aug |
| Obatolu Babalola Olakunle | 13-Aug |
| Raji Monsurat | 15-Aug |
| Nyamkyume Terkula F. | 15-Aug |
| Ajiroba Adeniyi Taiwo | 15-Aug |
| Akinola Abiola Ann | 15-Aug |
| Salako Gbenga Samson | 15-Aug |
| Ihueze Chinedu | 15-Aug |
| Sunday Oguche Simon | 15-Aug |
| Adeyemo Adekunle Johnson | 16-Aug |
| Habibu Aminu | 17-Aug |
| Onwubiko Michael | 17-Aug |
| Oghenegueke John | 17-Aug |
| Akangbe Folorunso | 17-Aug |
| Dada Keji Emmanuel | 18-Aug |
| Ajayi Olusegun Kelvin | 20-Aug |
| Olubodun Olusola Olabisi | 21-Aug |
| Kareem Suraju | 21-Aug |





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|-------------------------|--------|---------------------------|--------|
| Makinde Felicia Adeteju | 21-Aug | Amusan Latifat Adebola | 25-Aug |
| Salami Oyenike | 22-Aug | Okedion Friday | 25-Aug |
| Udo Johnny | 22-Aug | Bello Babajide | 26-Aug |
| Ubebe Philomena Adunni | 23-Aug | Adegbindin Abel Olukayode | 26-Aug |
| Sobowale Mayowa Olutayo | 23-Aug | Adeosun Seun Adewale | 27-Aug |
| Ugi Pauline | 23-Aug | Oghenegueke Rebecca Janet | 27-Aug |
| Osun Michael | 23-Aug | Onuh Ochenchi Paulina | 27-Aug |
| Yahaya Sulaiman Zulukas | 24-Aug | Folarin Victoria Adeyinka | 31-Aug |
| Oladokun Yetunde | 24-Aug | Robert Oludare | 31-Aug |
| Ibiremo Olufemi Samuel | 25-Aug | Ojo Iyabo | 31-Aug |

