



IUFGMP News

...say no to flood!

SPECIAL COMBO EDITION

NEWSLETTER OF THE IBADAN URBAN FLOOD MANAGEMENT PROJECT (IUFGMP)

IUFGMP Gets 18-Month Extension!



January
June
2022



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EDITORIAL CREW:

IUFMP NEWS...is a quarterly publication of the
IBADAN URBAN FLOOD MANAGEMENT PROJECT (IUFMP)

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BRIEF ON IBADAN URBAN FLOOD MANAGEMENT PROJECT

The Ibadan Urban Flood Management Project (IUFMP) was set up by the Oyo State Government, with the funding support of the World Bank, in response to the devastating flood of 26th August, 2011 which claimed about 120 lives and destroyed properties valued at tens of billions of Naira.

This initiative of the Oyo State Government was borne out of the fact that Ibadan has witnessed several disastrous flooding incidents since 1933, with successive governments engaging in measures which turned out to be more palliative than curative. It was in view of this that the IUFMP mandate was aimed at providing fundamental and far-reaching solutions to the perennial and incessant flooding that has become characteristic of Ibadan.

With its broad-based Project Development Objectives couched as *"to improve the capacity of Oyo State to effectively manage flood risk in the city of Ibadan,"* the IUFMP mandate covers primarily, reconstruction of hydraulic devices (bridges, culverts, etc) that were destroyed by the 2011 flood incident, as well as a number of related issues which impact adversely on the predisposition of Ibadan to flooding. Such issues include the need to design a workable Solid Waste Management Masterplan, the imperative of a Flood Risk Management and Drainage Masterplan, and the essentiality of a comprehensive Ibadan City Masterplan. Also embedded in the Project design is a Flood Forecast and Early Warning System which is meant to make available to the residents the requisite resources to have prior awareness of possible flooding disasters and take the necessary precautionary measures. All of these are geared towards relieving Ibadan of the menace of incessant flooding and upgrading the city to its deserved status of a 21st Century mega city.

Therein lies the mandate of the IUFMP; and it is gratifying that the task is already being faithfully accomplished.





From The Project Coordinator's Desk



It is such a great delight to roll out this particularly special edition of **IUFMP News**, which is a bumper package of two quarterly editions rolled into one! The edition is unique for two important reasons: first, it conveys the message of the extension of the IUFMP tenure by one-and-a half-years; second, it covers happenings on the project for the first half of Year 2022; meaning that the edition can as well pass for a biannual edition or a special package.

For emphasis, the cover story of this special package is anchored on the good news of the gracious extension of IUFMP's lifespan by eighteen (18) months, thanks to the Oyo State Government and the World Bank for their unrelenting efforts and unswerving commitments to the full realization of the Project's mandate. This also could not have been possible without you, our valued stakeholders, who are the reason the Project was instituted in the first place.

The significance of this extension cannot be over-emphasized. Among others, it affords us a veritable opportunity to reach the yet unreached but crucial locations, as earlier scheduled in the Project's scope of works. One of such is the Ona River watershed, which recorded the most havoc in the aftermath of the August 26, 2011 flood event that gave rise to IUFMP. Thus, the proposed interventions on the Ona River across its upstream-to-downstream stretch will now happen, courtesy of this extension!

The extension also affords the Project an opportunity to fully salvage the First Pool of Works which, though earlier awarded, had been gravely affected by series of eventualities, among which is the global Covid-19 pandemic. The contracts, which were awarded in two lots (Lots 1 and 2), had been progressing at an unimpressive pace, with the two being determined by effluxion of time. The ongoing interventions at the Ogbere, Kudeti, Orogun, and Agodi channels, which fall under this pool of works, are crucial, and so we cannot afford to leave them uncompleted.

A major engagement platform between the Oyo State Government and the World Bank leading to the grant of this extension was the Implementation Support Mission (ISM) to IUFMP. As is the practice with development organizations and donor-agencies, an ISM is a forum through which both the lender/donor and the

borrower/receiver review the progress of the project at hand, bounce ideas on the way forward, and ensure that the project is on track. Two (2) such crucial Missions were held within the first half of this year, and snippets of same are given in this edition of **IUFMP News**.

The period covered by this edition of the newsletter also witnessed yet another quantum leap in the lifespan of IUFMP, which was the staging of the all-important stakeholders' workshop on the Flood Early Warning and Response System. The 2-day workshop, largely facilitated by officials of RMSI Private Limited, India (our Consultant on the assignment), was well attended by representatives of the relevant stakeholders cutting across community beneficiaries, institutions where the gadgets would be installed, security agencies, officials of relevant Ministries, Departments and Agencies (MDAs), etc. It was a no-holds-barred session that enabled all participants and interest groups to rub minds freely and engage excitedly on the mechanics and sustainability of the innovative product.

Having given you a little foretaste of what this juicy edition offers you in an unusually bulkier package, I am sure you would be salivating already to sink deeper into the full menu. Do accept my assurances that it is such an unputdownable publication, which you will confirm as you turn the pages.

Wishing you all a flood-free Year 2022!



Engr. J. Olasunkanmi Sokeye
Project Coordinator

IUFMP

Gets 18-Month Extension!

Flashback to July/August 2021, keen followers of developments around the Ibadan Urban Flood Management Project (IUFMP) would readily recall the hues and cries heralded by a certain online media platform, to the effect that the World Bank had withdrawn its support to the Project. The peddlers of the speculation had fingered undue political interference as the reason for the alleged withdrawal of the multi-lateral development institution from supporting Oyo State Government in mitigating flood risk in Ibadan.



Some funny submissions, even amidst serious business!



Nice to meet you in person! The World Bank Task Team Leader and the Chief Resident Engineer of Dar Al-Handasah seem to be saying to each other during the May 2022 Mission

Typical of the nature of what media practitioners call *news*, the airwaves and reading spaces soon went haywire with this story, each platform adding its own flavour, sauce and condiments. Even the fast growing rank of news analysts, commentators and panelists was not spared. It was evident that, in the estimation of these 'journalists,' they had scooped on a juicy piece of news, which they must milk to the last drop! Thankfully enough, the rejoinders from the Oyo State Government and IUFMP, both in press statements and media appearances, came in no time to present the reality and helped to diffuse the sensational and unsubstantiated report.

However, nothing else is more potent to clear the air on the allegation than the fact that IUFMP has been granted an 18-month extension by the World Bank! Yes, it is official: IUFMP has gotten additional eighteen months

for its implementation, which takes effect from its original closure date of 30th June, 2022. This translates to the project's execution now running till 31st December, 2023. The good news filtered in after two (2) extensive, decisive Implementation Support Mission of the World Bank to IUFMP, actively participated in by other key stakeholders which included the Oyo State Government, Contractors, Consultants, the Federal Ministry of Finance, among others.

An Implementation Support Mission is one of the means by which multi-lateral lending agencies monitor and make inputs into projects being funded with its resources. Such missions, which usually scrutinize the compliance indices of projects' trajectory, are held on periodic basis. They offer the lending agency, the borrower and other key stakeholders a forum to take a holistic look at the project vis-à-vis its milestones along the



The full team at one of the intervention sites of IUFMP

implementation route, thus helping them make necessary adjustments, if need be.

In the course of its implementation over the past seven years, IUFMP has benefitted in no small measure from World Bank Support Missions. However, the two (2) Missions held on **17th – 28th January 2022** and **16th – 28th May 2022** remain the most decisive of such. The decisiveness of the Missions derived from the fact that it was obvious that the Project needed to get an extension to enable it fully deliver on its mandate. Even at that, the extension was not going to be given on a platter of gold; it had to be earned. It was for this reason that the crucial Missions were convened.

One of the earlier indicators that the Missions were going to be a crucial one was the length, as indicated in the notification letters. Except at the outset of the Project, Implementation Support Missions to IUFMP in recent times had been limited to maximum of one week (usually Monday to Friday). But these

particular ones were scheduled to last two weeks. When the agendas were eventually fixed, it became evident that the Missions would be unsparing of any aspect of the Project. The sessions were to be a thorough and incisive dissection of the Project across the different components of its execution.

Though the Mission of 17th – 28th January 2022 was initially scheduled to be in hybrid format, that is, a combination of virtual and physical attendance by the World Bank officials, the outbreak of the Omicron variant of the ravaging Covid-19 pandemic militated against the physical attendance. This, however, did not take anything away from the seriousness and criticality of the Mission. The bit about site visits by the Mission participants was taken care of through the use of drone technology, which captured the situations on sites even to the finest details.

As is the practice, the January 2022 Mission took off with a kick-off meeting with the members of the Project Steering Committee



Officials of the World Bank, the PIU and staff of contractors and consultants talking through an issue during a site inspection session

of IUFMP led by the Honourable Commissioner for Finance, Oyo State in his capacity as the Alternate Chairman of the committee. Among other things, this meeting afforded both parties an opportunity of a top-level review of activities, reappraisal of strategies and setting of tone for



NA YOUR FACE BE THIS! The World Bank TTL and Dar Al-Handasah's CRE seem to be saying to each other, while other team members look on with admiration

the Mission.

That over, the Mission went straight into business sessions of scrutinizing every aspect of the Project. This started with a review of the internal operations of the Project Implementation Unit (PIU), kick-started with giving an update on ongoing activities to the World Bank Task Team. Specific update sessions were also held on PIU staffing, procurement, and budget. Expectedly, useful inputs, suggestions and advice were offered by the WB team.

Subsequent discussions then dovetailed into x-raying the ongoing works and the different issues around the contractors, supervision engineers, safeguards/safety, monitoring and

among others, each of which was extensively discussed and actionable plans agreed.

While every session afforded both the physical and virtual participants a robust engagement, one cannot but mention the session on Unmanned Aerial Vehicle-Based Monitoring & Evaluation (UAV-Based M & E), which, in tune with modernity and technology, would now enable the PIU and the MDAs to track project's progress via the use of drones. The Mission was updated on the progress made on this, including the ongoing training of some twenty-nine officers of the PIU and relevant MDAs on use of the technology. This initiative has a two-pronged benefit of helping to ensure the long-term sustainability of not only the IUFMP assets but also of other projects directly



Putting heads together on a situation at hand

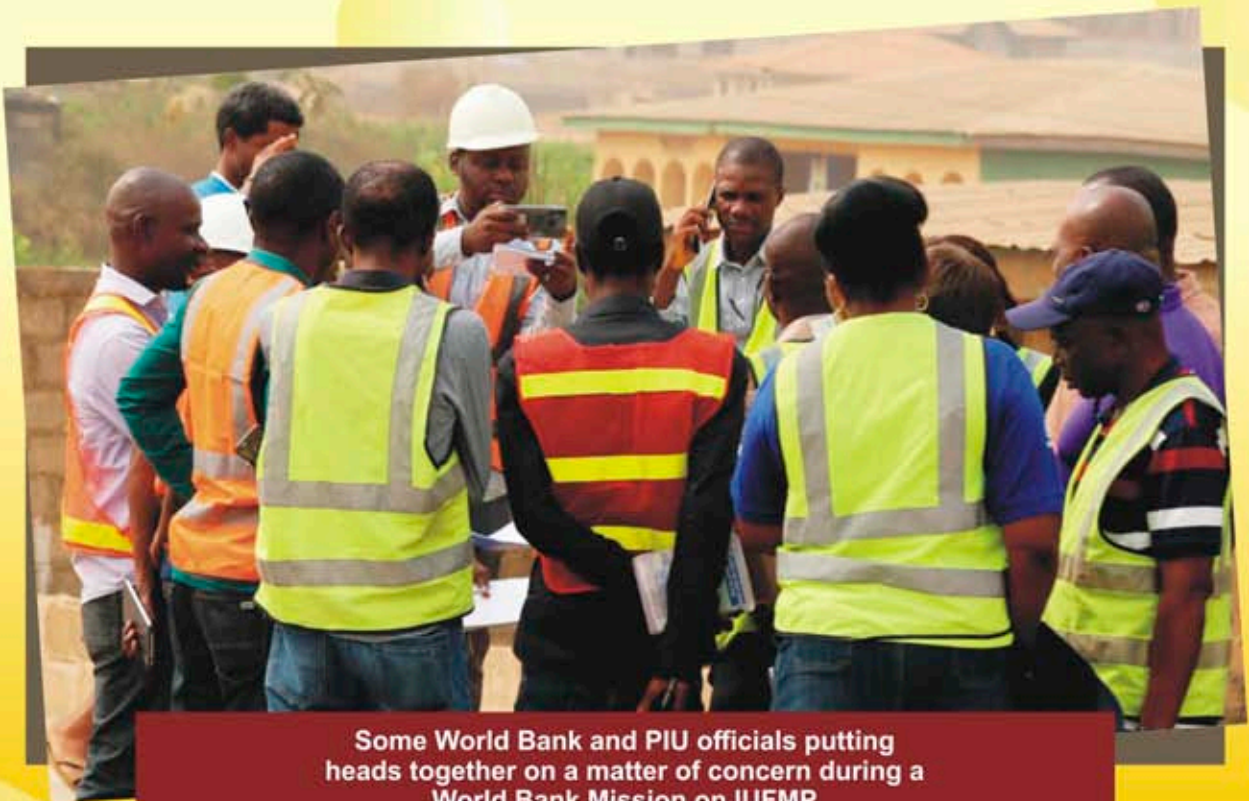
evaluation updates, etc. Concerned firms and PIU experts made presentations on Progress Status, Milestones Achieved, and Progress of Action Plans since the previous Mission,

executed by the Oyo State Government.

The active involvement of the MDAs in the Mission is also of remarkable importance,



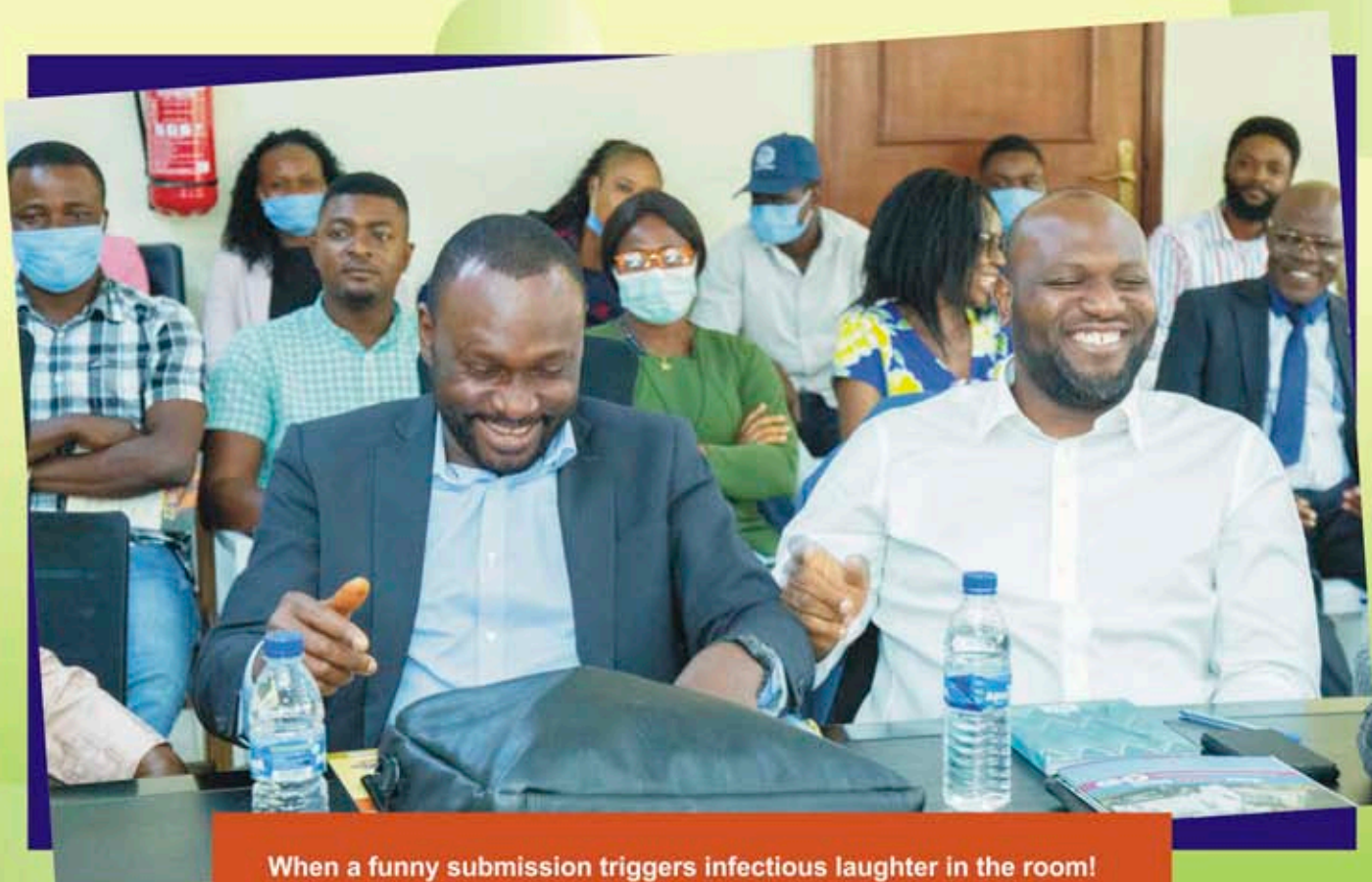
All hands on deck...all eyes focused on the goal!



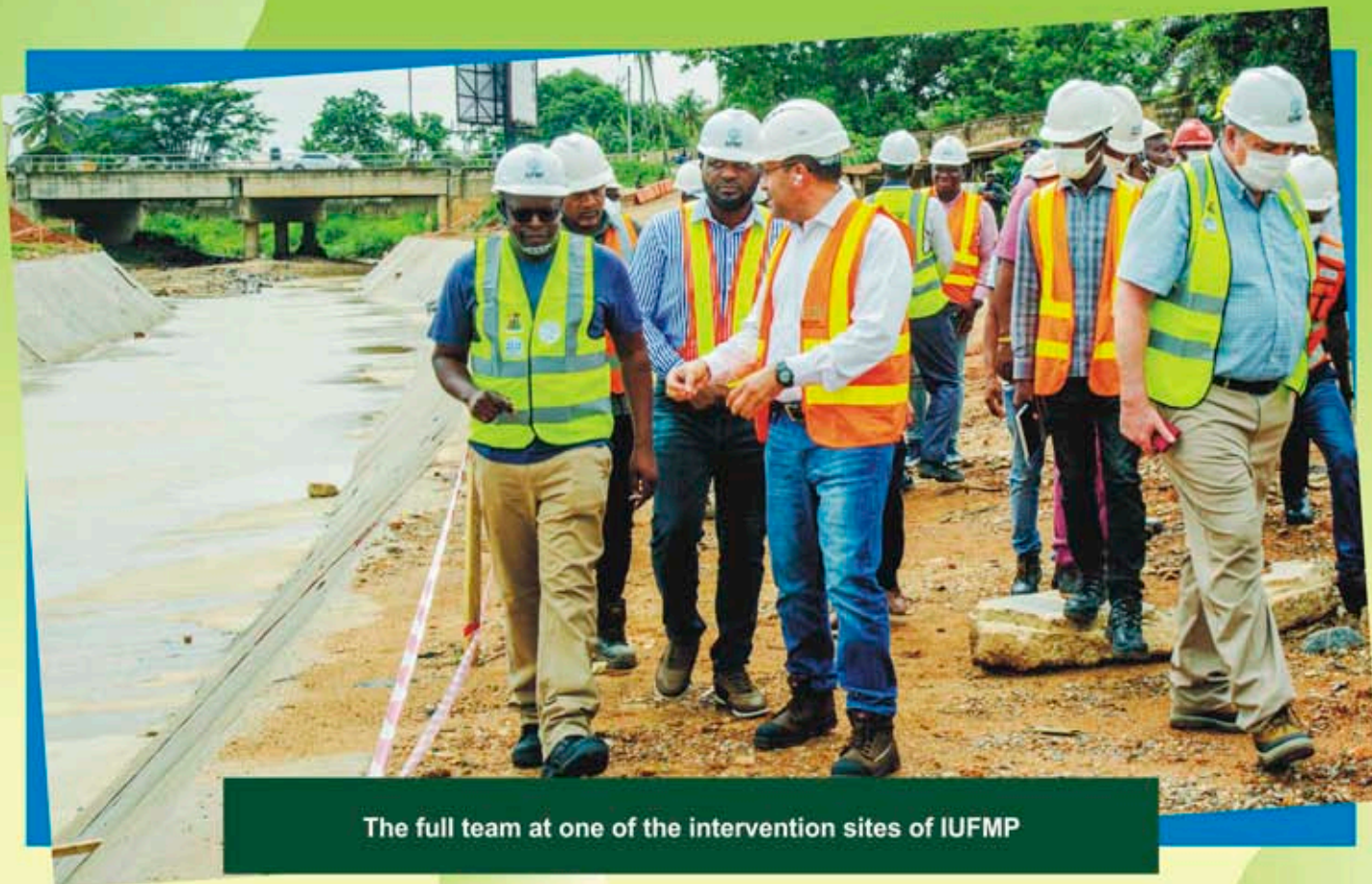
Some World Bank and PIU officials putting heads together on a matter of concern during a World Bank Mission on IUFMP



All hands on deck...all eyes focussed on the goal!



When a funny submission triggers infectious laughter in the room!



given the fact that the responsibility of taking over and managing the assets/gains of IUFMP lies squarely with them (the MDAs). For each area of engagement during the Mission, relevant MDAs were invited to either make presentations or be part of the dialogue or both. For instance, the Oyo State Ministry of Lands, Housing and Urban Development was a key player in the discourse on Flood Resilience Strategy as well as institutionalizing the Ibadan City Masterplan and the Flood Risk Management & Drainage Masterplan. Ditto for MDAs like Ministry of Environment & Natural Resources and Oyo State Emergency Management Agency (OYSEMA) on interventions such as Flood Early Warning & Response Service, UAV-Based M & E Consultancy, etc. Other MDAs whose mandates impinge on IUFMP deliverables include Ministry of Works, Transportation and Infrastructure, Ministry of Justice, Ministry of Women Affairs & Social Development, Oyo

State Public, Private Partnership Agency (OYSIPA), Water Corporation of Oyo State (WCOS), Ministry of Information, Culture & Tourism, just to mention a few.

Aside the fact that officials of the relevant MDAs are being empowered to sustain the IUFMP gains, they (the officials) would be able to offer readymade expertise to the State Government in the area of flood risk management across the State. In other words, the fulfillment of IUFMP's capacity building and institutional reforms mandate would aid the State in mitigating flood risk in other parts outside Ibadan. This, hopefully, will also give Oyo State a first mover advantage, with the possibility of becoming a reference point in flood management for other states in Nigeria and even across the West African sub-region.

The second Mission, held on 16th – 28th May 2022, was a sequel to the one in January

because the former built on the progress of the latter, reviewing the actions plans fixed, x-raying the slippages, and giving guidelines on further actions. The sequence was similar to that of the earlier Mission: kick-off meeting, sessions on the PIU operations, sessions with Contractors, Consultants, MDAs, and other key stakeholders.

Being a largely physical Mission with just a couple of World Bank officials joining virtually, the May Mission afforded participants an opportunity for robust site visits, which allowed for on-the-spot trouble-shooting as much as possible. The World Bank team in attendance practically worked their fingers out morning to evening and sometimes through the night, bouncing ideas with the PIU, doing paper-work, sharing presentations, making inputs, seeking clarifications, and rubbing minds, all geared towards ensuring that the Project (IUFMP) does not end in a limbo.

One major highpoint of the May 2022 Mission was that, despite the fact that the extension prospects of the Project were yet to be firmed up as at then, the World Bank team worked



Settled back in a meeting room to deliberate on findings from site visit





Some officials of the World Bank, the PIU, Supervision Consultancy firm and others...geared for site visit during the May 2022 Mission

assiduously with the PIU and other project actors to draw up a new action plan for the completion of the outstanding works on the IUFMP deliverables. The outstanding works, which essentially are the First and Second Pools of Long-Term Investment Works (PLTI-1 and PLTI-2), border on the channelization of major rivers/streams in Ibadan, namely Ona, Orogun, Ogbere, Kudeti, and Agodi, as well as construction of major crossing structures (bridges and culverts) intersecting them.

It was on the basis of the foregoing that the World Bank conveyed an 18-month extension of the Project's lifecycle, having considered the progress made in the agreed action plans, the commitment of the State Government towards improvement in performance of project implementation, among other factors. This is really good news, as the

extension was granted in realization of the importance of fully delivering the project in order to significantly improve management of the flood risk in Ibadan.

One of the immediate gains of the extension is that the Second Pool of Works, which has to do with channelization of the Ona River from the upstream to the downstream sections, will now be activated. At a total length of 14.95km, this is a major intervention crisscrossing the entire stretch of the river across Ibadan, right from the outskirts of Moniya, Lagelu Local Government Council in the northern fringes of the city to the Odo Ona Kekere/Idi Ayunre area, Oluyole Local Government Council at the southern entry point to Ibadan.



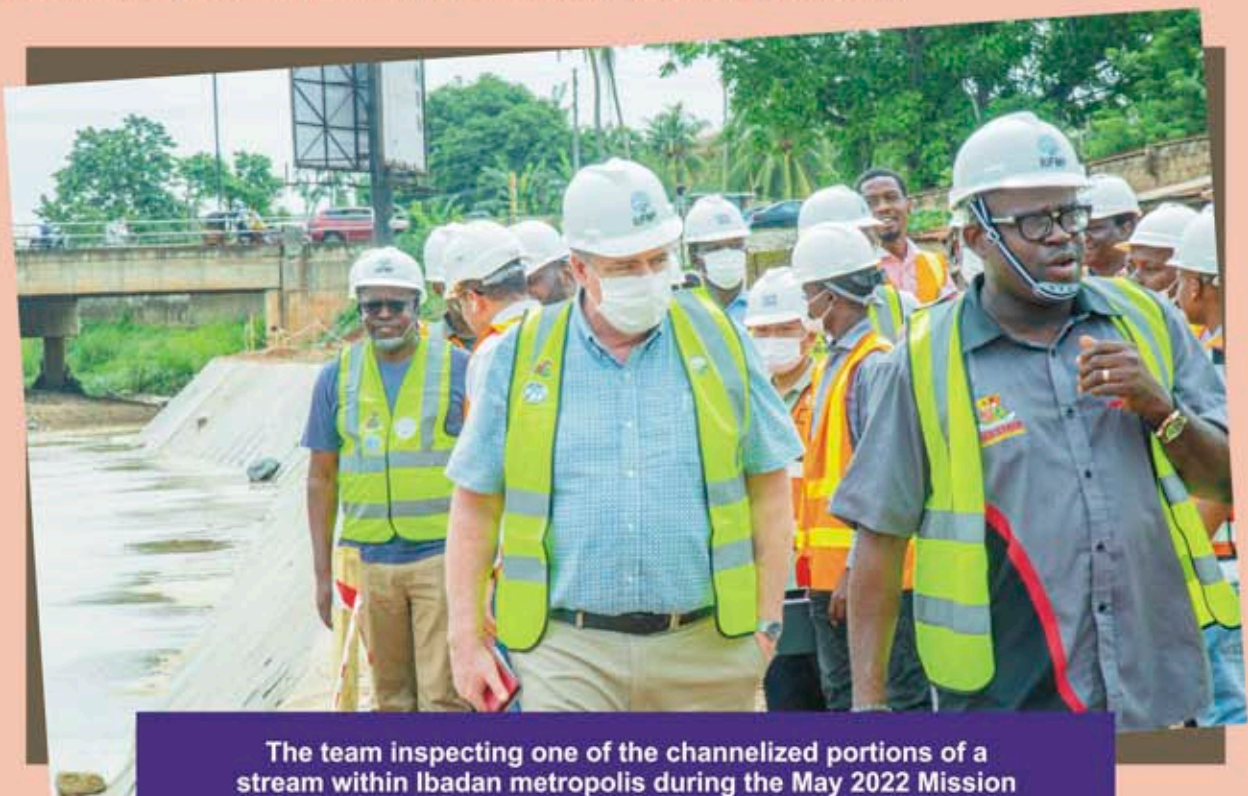
No terrain is too steep to explore in ensuring that IUFMP interventions are of top-notch quality!





We need a quantum leap to deliver the mandate, the World Bank Task Team Leader seemed to be telling participants during the May 2022 Mission

On the part of the PIU and other regulatory stakeholders, they are expected to maintain the positive momentum achieved so far in order to reach the set milestones towards actualization of the overall Project Development Objective (PDO) of IUFGMP, which is ***“to improve the capacity of Oyo State to effectively manage flood risk in the city of Ibadan.”***



The team inspecting one of the channelized portions of a stream within Ibadan metropolis during the May 2022 Mission

GOVERNOR'S VISIT TO **IUFMP** SITES



Oyo State Governor, Engr. Seyi Makinde, during an inspection visit to one of the intervention sites of IUFMP...recently

OTHER ACTIVITIES



The PC, IUFMP, Engr. Olasunkanmi Sokeye (2nd right) presenting some IUFMP publications to the South-West Zonal Director of Radio Nigeria, Mrs. Bolatito Joseph. They are flanked by Mrs. Bunmi Babanumi (right) and Mr. Abiodun Adefioye

Some PIU staff with members of the Nigerian Institution of Highway and Transportation Engineers (Ibadan Chapter) during the inspection tour of the IUFMP work sites



OTHER ACTIVITIES



Some PIU staff with visiting students of Quantity Surveying, The Polytechnic, Ibadan.



An on-site review session ongoing during a World Bank Implementation Support Mission

As IUFMP Brings Stakeholders Together...

FLOOD EARLY WARNING SERVICE COMES

Alive!



A community stakeholder sharing a perspective during the Q & A session

The Ibadan Urban Flood Management Project (IUFMP) achieved yet another milestone in its mandate recently, as it organized a 2-day All-Stakeholders Workshop on the Flood Early Warning Service (EWS) for Ibadan.

The workshop, which was held on 30th and 31st March 2022, was primarily to engage the broad spectrum of the stakeholders of the EWS on the workings of the system, the benefits to, as well as the roles/responsibilities of the stakeholders of the service.

The Flood Early Warning Service is one of the sub-components of the Ibadan Urban Flood Management Project, which is a specialized flood risk management project of the Oyo State Government whose mandate is to help sustainably mitigate and curtail the perennial flood risk confronting Ibadan. The consultancy for the EWS was envisioned to provide state-of-the-art solutions in flood early warning that is adaptable to and workable in the Ibadan metropolis.

On the strength of this brief, Messrs. RMSI Private Limited of India, which emerged the

successful bidder and was awarded the consultancy, has been working with the Project.

Ibadan, the Oyo State capital, is known for perennial flooding resulting in loss of lives and properties. Over the years, the Oyo State Government has put in place numerous interventions to curb the dangerous trend of devastating floods. However, the flood event of August 26, 2021 moved the State Government to seek the financial and technical assistance of the World Bank in designing and implementing a sustainable flood risk mitigation project towards comprehensively addressing the menace. This gave rise to the Ibadan Urban Flood Management Project (IUFMP), whose objective is ***"to improve the capacity of Oyo***



A community stakeholder making a submission during the Q & A session of the Flood Early Warning Stakeholders Engagement Workshop

State to effectively manage flood risk in the city of Ibadan."

While IUFMP is primarily saddled with the mandate of reconstruction and rehabilitation

The coordinated system known as the Early Warning System (EWS) is a technologically driven effort which involves monitoring water level remotely using wired sensor network to ensure that people living in flood-prone



A cross section of participants at the Flood Early Warning Stakeholders Engagement Workshop

of damaged hydraulic structures as well as channelization of rivers and streams, the need to set up an Integrated Flood Early Warning and Response System was also mooted, based on the fact that flooding cannot be altogether eradicated. Thus, Messrs. RMSI Private Limited of India was engaged through a competitive bidding process to design and install the service.

The Ibadan Flood Early Warning Service is part of the efforts to proactively combat flood hazards within Ibadan metropolis, via a coordinated system of warning that will alert people in flood-prone areas to impending danger, at least six hours before any flood disaster, in line with global best practices. It will allow them evacuate their families in order to forestall losses associated with flooding.

communities receive appropriate warning within suitable time interval to take effective actions, in order to save lives and minimize loss of properties. The system uses data and technology to monitor trends and water level to furnish people with timely alerts on impending flood disasters to enable them take proactive steps for the preservation of lives and properties.

It was therefore in a bid to ensure a smooth take-off of the Early Warning Service that a 2-day Stakeholders' Engagement Workshop was held to sensitize the people on the workings of the service and the expected roles and responsibilities of all stakeholders.

While declaring the workshop open, the Project Coordinator of IUFMP, Engr. Olasunkanmi John Sokeye, stated that while flooding cannot be eliminated, its impact

could be reduced to the barest minimum, adding that that is one of the reasons for including the EWS in the IUFMP deliverables. According to him, IUFMP would be using the digitalized EWS to warn people living in areas susceptible to flooding to evacuate before water would overflow its banks, to prevent fatalities during unmanageable flooding incidences.

As regards the operation and sustainability of the service, the PC informed the workshop participants that Messrs. RMSI has been training relevant officers in the PIU and the Oyo State civil service to manage the system, resulting in the State already having a pool of qualified personnel to drive the process.

He added that the automatic weather stations would be located at the premises of designated institutions with open spaces and capability for monitoring, while river gauges would be installed in major rivers and streams. Placement of sirens that would raise the alarm

would be placed at the premises of police stations, churches and mosques in the flood-prone communities, for proper monitoring.

In concluding, Engr. Sokeye counselled against vandalizing the gadgets, adding that necessary safeguards protocols was being worked out for their safekeeping.

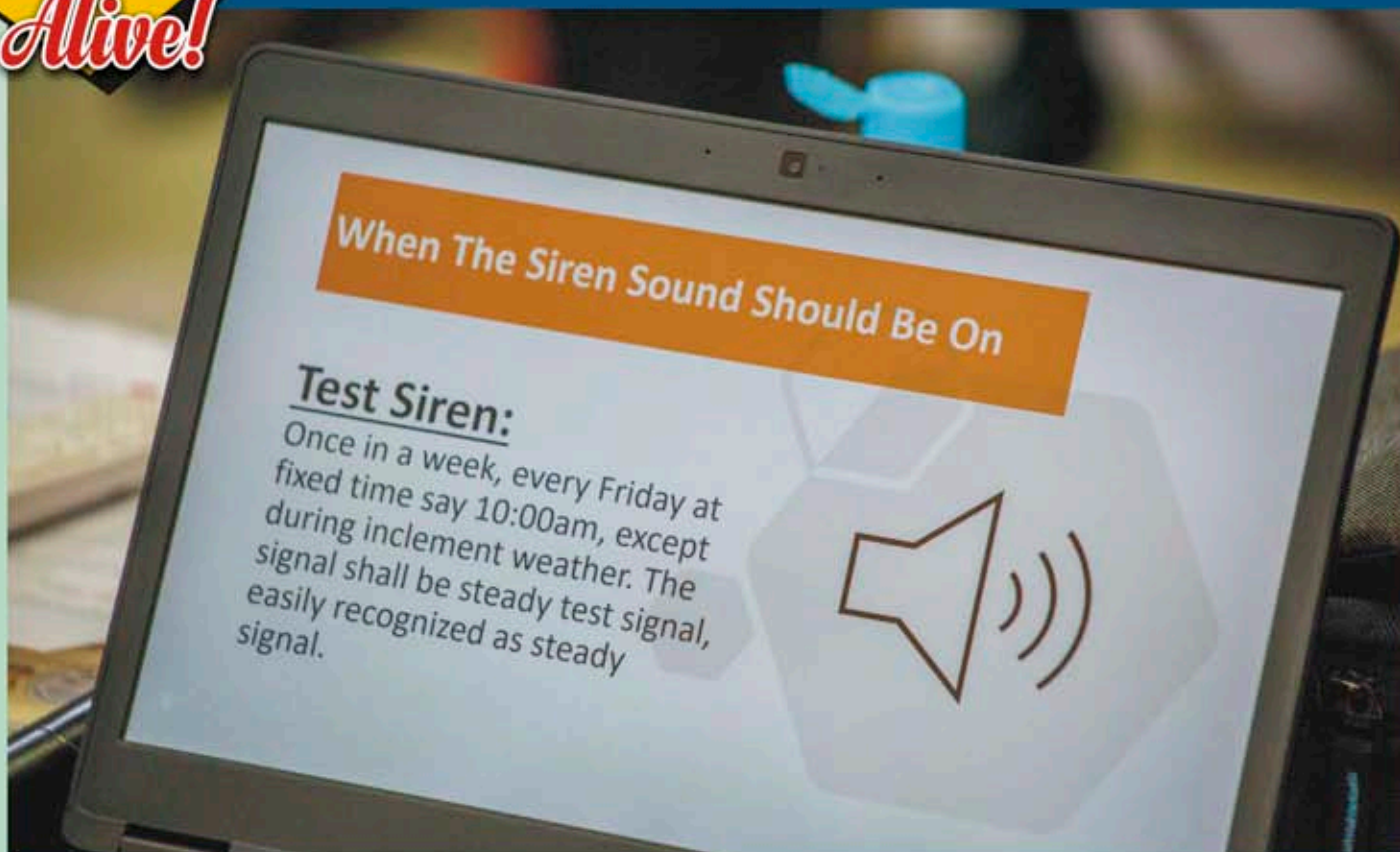
Also speaking, Dr. Murali Krishna, a Consultant with RMSI and a community engagement expert on the EWS project stated that the system is one of the best technologies for flood early warning and the first of its kind in Nigeria.

In his words: *"The system is modern and easy to understand, and there's no problem in its use because it's simple. We have started training officers since last year, and we will be engaging in community awareness alongside IUFMP."*

Speaking on the topic, **Flood a Threat to Life and Livelihood**, Mr. Saka Oloyede, Environmental Safeguards Specialist, IUFMP,



A former Registrar of the University of Ibadan and the Ekefa Iyalode of Ibadanland, Chief (Mrs.) Moji Ladipo making a contribution during the Flood Early Warning Stakeholders Workshop



A demo slide on the Frequency of the Siren Sound for the Flood Early Warning System



A cross section of participants during one of the sessions



A Director with OYSEMA, Mr. Ogunjimi Diya engaging the participants on Best Practices in Disaster Response



A cross section of the LGA-based Directors of Environmental Health Services



A cross section of MDA officials



A Community Leader at Alaro 7-Up Area,
 Mr. Aderibigbe Adekunle, making a
 contribution



RMSI Country Staff, Mr. Odusina Adewuyi
 explaining the Workings
 of the Flood Early Warning System in
 Yoruba Language to the participants



A Director at the Oyo State Surveyor-General's Office,
 Surveyor Adeoye, making a comment



An official of OYSEMA giving a recap of the
 learnings from the Day 1 session



A female participant making a point



One of the Directors of Environmental Health Services,
 Mrs. Adedibu giving a recap of learnings
 from the Day 1 session

Alive!

sensitized the audience on the major incidences of flooding in Ibadan, causes and impacts of flooding. His presentation also touched on the Oyo State Government's efforts on combating flooding as well as expectations from the members of the public especially as concerns ensuring that people live on the earth in a sustainable manner.

On his own part, **Mr. Diya Ogunjimi**, a Director at Oyo State Emergency Management Agency (OYSEMA), while speaking to participants on **Best Practices in Flood Disaster Response**, said flood poses serious threats to sustainable development while flood risk reduction is everybody's business. His major submission was that the main aim of flood response is to provide effective search and rescue with a view to saving lives and critical assets, and concluded that the IUFMP's EWS would be a major boost to Oyo State Government's efforts in disaster risk reduction.

Other high points of the workshop were presentations on **Standard Operation Procedures** in which roles and responsibilities

of specific stakeholders on the system were highlighted; Familiarization with the Early Warning & Response System (EW & RS) and Equipment, Benefits and Advantages; Sustainability Roadmap of EW & RS, which were taken by officials of RMSI, the Consultancy firm handling the assignment.

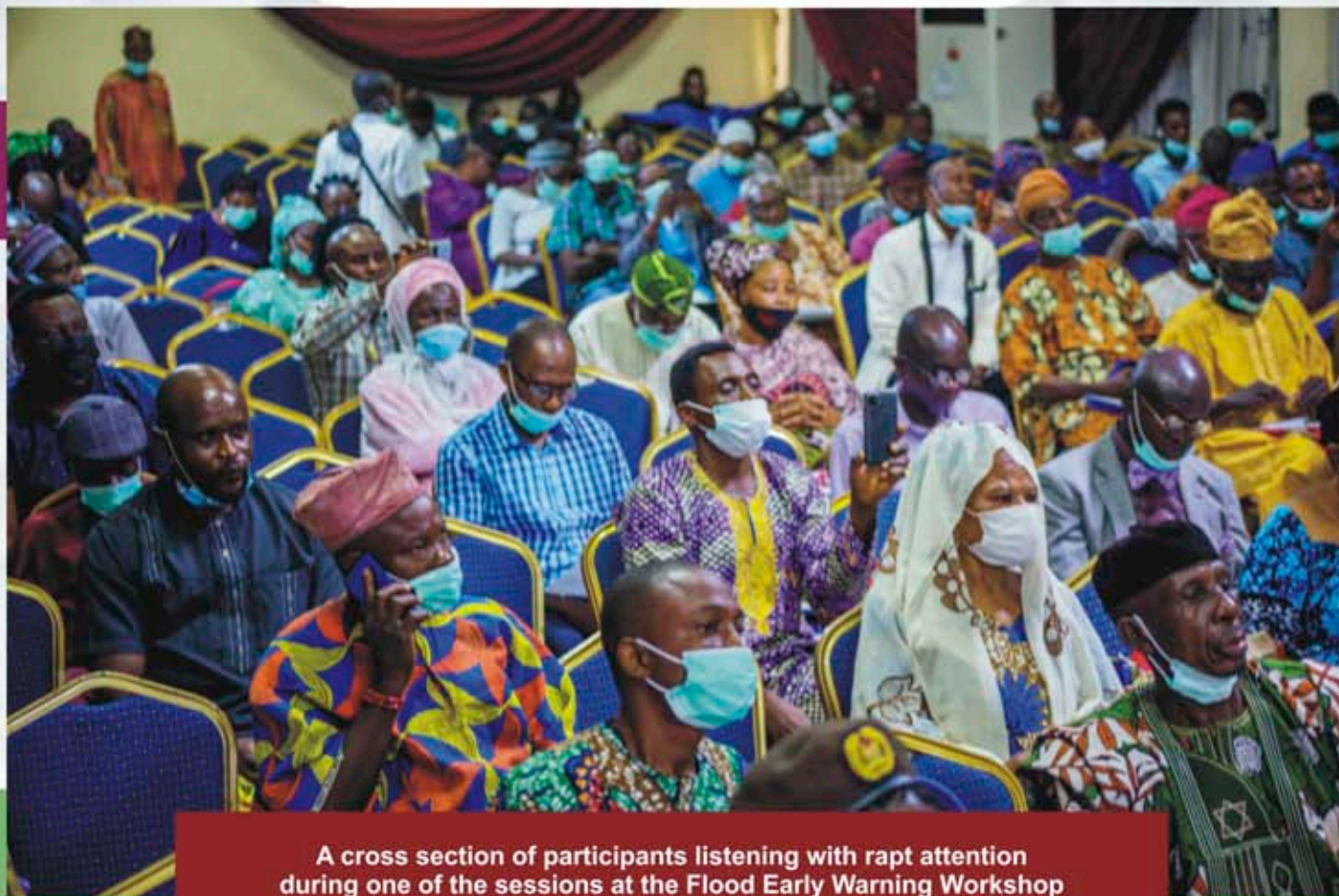
Participants at the workshop were drawn from relevant Ministries, Departments and Agencies of Government, Local Government areas within Ibadan, Federal Government agencies with mandates for flood/disaster risk mitigation, institutions where control stations would be sited, communities along the major rivers and streams where the gauges will be situated, and churches and mosques where the sirens will be placed.

As IUFMP perfects the EWS to warn vulnerable people in the flood-prone communities of Ibadan against flood incidents, there are expectations that loss of lives and property to flooding would be a thing of the past in the sprawling city.



RMSI Instrumentation Expert Mr. Rajesh Mali pumping hands with some Community Leaders

PHOTO REELS ON FLOOD EARLY WARNING STAKEHOLDERS ENGAGEMENT WORKSHOP



A cross section of participants listening with rapt attention during one of the sessions at the Flood Early Warning Workshop



RMSI IT Expert Mr. Ashutosh Singh (left); Disaster Management & Community Consultant Expert Dr. Murali Krishna, and Instrumentation Expert Mr. Rajesh Mali

**PHOTO REELS ON FLOOD EARLY
WARNING STAKEHOLDERS ENGAGEMENT WORKSHOP**



**RMSI Disaster Management and Community Consultant Expert,
Dr. Murali Krishna in a close-up chitchat with participants**



A Director at the Oyo State Ministry of Health making a submission

PHOTO REELS ON FLOOD EARLY WARNING STAKEHOLDERS ENGAGEMENT WORKSHOP



A group photograph of participants on Day 2 of the Workshop



Some LGA Health Workers, PIU members, RMSI staff and MDA officials of both the Federal and Oyo State Governments in a group pose



Group photograph with MDA officials, RMSI staff, and other categories of participants

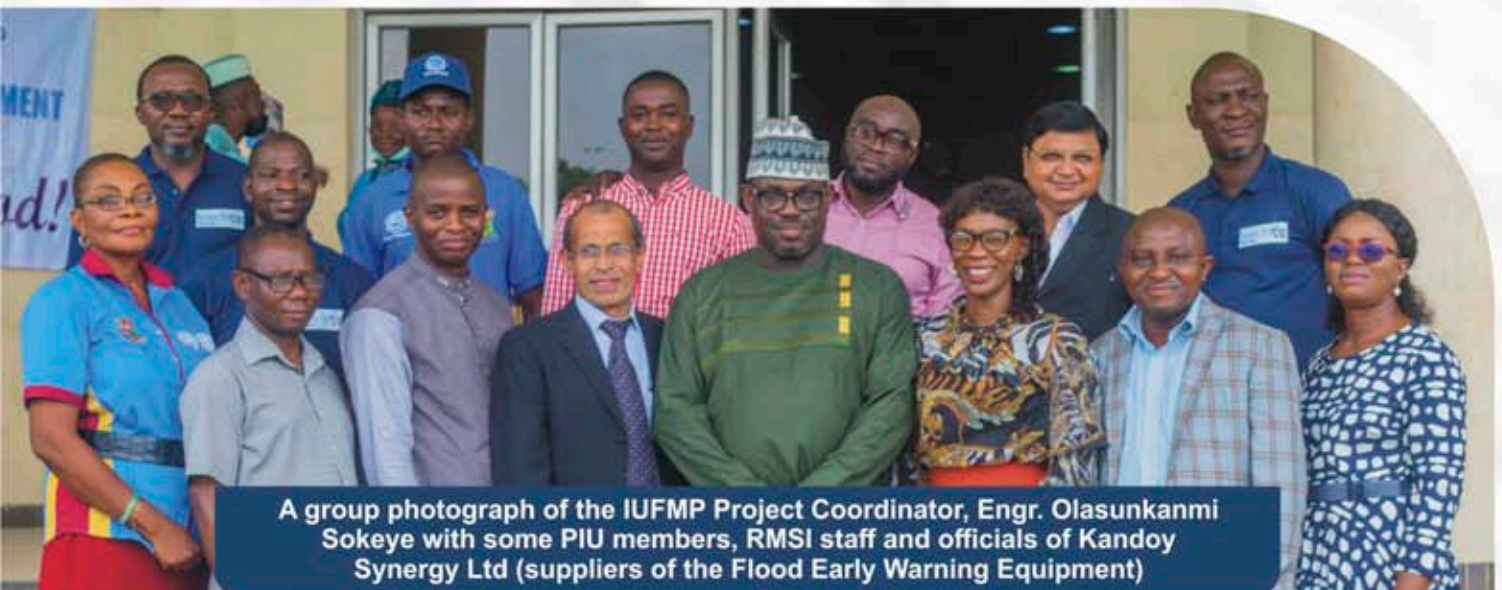
PHOTO REELS ON FLOOD EARLY WARNING STAKEHOLDERS ENGAGEMENT WORKSHOP



Group pose of the PIU members, RMSI staff and some MDA officials of both the Federal and Oyo State Governments



Another group of Community Stakeholders of the Flood Early Warning Stakeholders Workshop in a pose with the IUFMP Project Coordinator, Engr. Olasunkanmi Sokeye and some PIU members



A group photograph of the IUFMP Project Coordinator, Engr. Olasunkanmi Sokeye with some PIU members, RMSI staff and officials of Kandoy Synergy Ltd (suppliers of the Flood Early Warning Equipment)

RECENT EFFORTS OF THE STATE GOVERNMENT THROUGH IUFMP

Non-Structural Interventions

- Early Warning Systems
- Guiding Documents (Ibadan City Masterplan, Drainage Masterplan and Solidwaste Masterplan)
- Capacity building on Flood Resilience

A slide on some Non-Structural Efforts of the Oyo State Government to mitigate flooding

A demo slide on the workings of the Warning Alarm for the Flood Early Warning System

WARNING ALARM



Technical Specifications
Electric Horn 50W
Power Amplifier 100W (100W/100V) 2.0 kHz
Horn 100W 100V
Horn 100W 100V
Supply Voltage 220/240V AC
Phase Single
Frequency 50 Hz
Body Material Aluminum Casting
Horn Material 2.0mm
Mounting Type Double
Mounting Type Horizontal
Weight of Horn 4.0kg



CONCLUSION

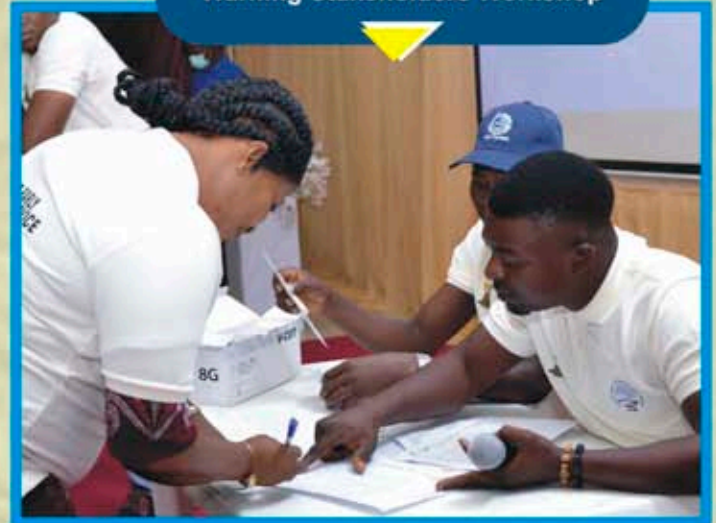
The only home we have is this EARTH and we must live it in a sustainable manner.

One of the major take-aways for all participants of the Flood Early Warning Stakeholders Workshop

PHOTO REELS ON FLOOD EARLY WARNING STAKEHOLDERS ENGAGEMENT WORKSHOP



Participants registering for the workshop



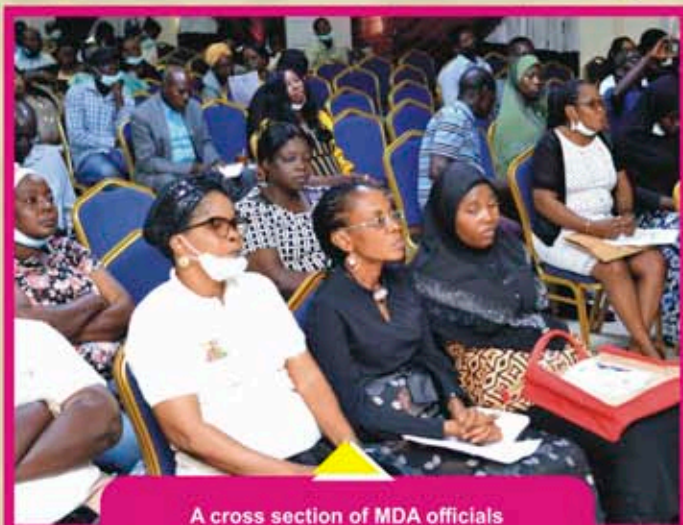
Registration of Participants for the Day 2 Session of the Flood Early Warning Stakeholders Workshop



Governor's Office Representatives, Mrs. Adebuseyi (3rd right) and Mr. M. O. Okesade (3rd left), both now Permanent Secretaries, in a pose with the Project Admin. Manager Mr. W. T. Ajuwon and some other PIU officials



The then Director, Cabinet & Special Services, Office of the Governor, Mrs. Adebuseyi (now a Permanent Secretary) recounting learnings from the Day 1 session



A cross section of MDA officials



IUFMP Environmental Safeguards Specialist, Mr. Ayodele Oloyede addressing participants on the topic Flood as a Threat to Life and Livelihood



TO AVOID FLOODING




DO NOT DUMP REFUSE AT UNAUTHORIZED PLACES


LET'S JOIN HANDS TO STOP FLOODING IN IBADAN!!!

IBADAN URBAN FLOOD MANAGEMENT PROJECT (IUFMP)

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Agodi GRA, Ibadan, Oyo State.

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