



FEDERAL MINISTRY OF EDUCATION

STATISTICS & NEMIS

PRESENTS

**A TEN-DAY REPORT ON THE
SECOND PHASE MAPPING AND
CONNECTIVITY ASSESSMENT IN
LAGOS STATE TO ENHANCE
DIGITAL LEARNING AND
LITERACY IN SCHOOL**

**CONDUCTED IN TWENTY LGA'S
IN LAGOS STATE**

18TH NOVEMBER, 2021

LIST OF LAGOS PARTICIPANTS

S/N	NAME	ORGANIZATION	STATE	PHONE NO
1	Nganjiozor Matthews .O	FME-NEMIS	FCT-Abuja	08068131634
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4	Rose Ohenren	FME - NEMIS	FCT-Abuja	07034529461
5	Maureen Arochi	FME - NEMIS	FCT-Abuja	07030853790
6	Aliyu. Abbas Yahaya	Enumerator	Katsina	08160939694
7	Salele Abubakar	Enumerator	Katsina	08138701429
8	Kabir Darma Hamza	Enumerator	Katsina	09032086049
9	Makinde, Adeyemi Philip	LASUBEB	Lagos	08189733676
10	Lamidi L	LASUBEB	Lagos	08023336823
11	Dada Adeleke Oluwafemi	Enumerator	Katsina	08036679241
12	Abdulkarim Ibrahim	MoE	Katsina	08062789391
13	Mustapha Aminu	Enumerator	Katsina	08066542358
14	Seton James Ajasa	LASUBEB	Lagos	08023304836
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16	Abdulhadi Yahaya	Enumerator	Katsina	08034289025
17	Ojo Michael Oluwafemi	FME-NEMIS	FCT-Abuja	07063423653
18	Okunlola Solomon Olayode	FME-NEMIS	FCT-Abuja	07068467137
19	Abdul – Quadri Olatunbosun Ayemoba	FME-NEMIS	FCT-Abuja	08023125895
20	Danat, Simon John	FME-NEMIS	FCT-Abuja	08057959001
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22	Yekeen-Ajenifuja, Mojeed	MoE	Lagos	08028123366
23	Dawodu Adekunle Olusola	MoE	Lagos	08024214561
24	El ladan Kamaladdeen Shehu	SMoE-ICT	Lagos	09030292849
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26	Ajayi Bolaji Rotimi	MoE	Lagos	08023051419
27	Ojelola, Rasheed Akin	MoE	Lagos	08033453705
28	Mathew Muyinwa Akinlosoye	LASUBEB	Lagos	08147656583
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35	Abdulmumin Auwal Rafindadi	Enumerator	Katsina	07067654249
36	Mustapha Isa	Enumerator	Katsina	08065002500
37	Adesanya Monsuru Adewale	FME-NEMIS	FCT-Abuja	08155466098
38	Temilorun Mobolaji Okediji	FME-NEMIS	FCT-Abuja	07069098418
39	Hamza, El-Ladan Abubakar	Enumerator	Katsina	08065865542
40	Shehu Yunusa	Enumerator	Katsina	07042089983
41	Abubakar Abdullahi Funtua	Enumerator	Katsina	08030792059
42	Samuel Sewedo Whensu	LASUBEB	Lagos	08029437443
43	Fahad Aliyu	Enumerator	Katsina	08147257196
44	George Nwosu	FME	FCT	07088949583
45	Otunola Abdulgafar	FME-NEMIS	FCT	08053943663
46	Lawal Ahmed	Enumerator	Katsina	07063507092

47	Onibeju J. T	LASUBEB	Lagos	08038533027
48	Ipaye Olayinka Muinat	LASUBEB	Lagos	08056459137
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50	Albert James	LASUBEB	Lagos	08027207327

1.0 OPENING/REGISTRATION OF PARTICIPANTS:

The exercise began with arrival of participants from Abuja, Katsina and Lagos and they all converged at the Lagos State Ministry of Education (MoE), Alausa, Ikeja by 9:00 am.

2.0 MEETING WITH STAKEHOLDERS FROM THE LAGOS STATE MoE:

The project supervisors of Lagos, Mr. Iwuchukwu Charles and Mr. Clement Akaninyene along with the enumerators met with the principal Officers of Lagos State Ministry of Education. During the meeting they briefed the D(PR&S) Dr. (Mrs.) Oyetola and Mr. Adeyemi Adebayo D(PPP) who represented the Honourable Commissioner for Education, Lagos State Ministry of Education on the purpose of the exercise and solicited their co-operation to ensure a hitch free mapping and connectivity assessment in the States to enhance digital learning and literacy in schools. In response, Mr. Adeyemi Adebayo D(PPP) welcomed all participants to the meeting on behalf of the Honourable Commissioner. He went on to assure the team of maximum collaboration with UNICEF and Federal Ministry of Education (Statistics & NEMIS). He concluded his remark by assuring FME and UNICEF team of maximum support throughout the duration of the exercise. He went further to inform the team that adequate measures have been put in place to ensure that the Education Secretaries of the 20 LGAs communicate to the head teachers about the exercise to avoid downtime. After the meeting, the team was granted express approval to carry on with the exercise.

3.0 TRAINING OF ENUMERATORS:

One of the Supervisors Mr. Akan Clement of FME was directed by the lead supervisor (Mr. Iwuchukwu Charles) to train enumerators on how to go about the exercise. He began by briefing participants of the overview of Giga international and went further to explain the purpose of the meeting which was to map 1,390 schools in Lagos States and identify the geolocation of schools that don't have access to the internet. These maps can then be used to connect schools. He went further to introduce the two different tools which will be used for the exercise.



Netflix fast.com measures upload speed

Kobo Toolbox for mobile data collection

He went further in his training to outline the implementation strategy for the exercise as follows:

- Develop ODK tool for data collection;
- Map 110 schools which include Primary and Junior Secondary schools in Kano and Lagos State with longitude and latitude coordinates;
- Determine the number of students in each school;
- Determine connectivity status and Strength in each school;
- Determine availability of devices i.e., computers, laptops, Tablets etc.;
- Determine availability of electricity; and
- Identify with ISP with the strongest network coverage.

Some participants made contributions regarding observations noted in the questionnaire and Mr. Akan explained the peculiar challenges to be seen in the field.

Mr. Akan Clement went on to do a demonstration of how the data forms will be filled and the meeting came to an end. Participants were encouraged to meet and sort their various schools and prepare for field work.

4.0 TECHNICAL SESSION AND FIELD WORK:

The Lagos teams began their work simultaneously without any challenge at the initial stage as the enumerators expressed some level of confidence based on the training they received. However, the following challenges were later experienced in the field.

- i. **Non-provision of an introductory letter from the Lagos State Ministry of Education (MoE) and Lagos State Universal Basic Education Board (LASUBEB):**

It was observed that there was no introductory letter for enumerators. This was due to the short time allocated for the exercise. However, the supervisors were on hand to offer administrative support where issues were reported. Follow up

phone call to the LGEA Education Secretary went a long way to calm the disagreement.

ii. **Rough Topography of some school location:**

Some terrains were so poor that it was almost impossible to cover but for the determination of the enumerators to ensure that their work was done. Some schools were later replaced due to the fact that their location was practically impossible to reach.



Location in Epe LGA

iii. **Obsolete Equipment in some schools:**

Obsolete and broken-down facilities were observed in some schools. The Non-working computers was noted in most Primary School.

iv. **Inaccurate distance reading:**

From the Kobo Toolbox mobile data collection application, it was observed that distance was captured in kilometers only even when almost all schools in Lagos have fiber optics cable laid along the road leading in front of the school and the distance is also less than 1km. After observing this issue, the coordinator was requested to correct it to accommodate meter reading.

v. **No provision of Logistics vehicles to convey enumerators to various schools:**

Due to the cosmopolitan nature of Lagos State, mobility was a big challenge for enumerators and the supervisor as most of the routes had buses which had

to stop over at several points to pick and drop passengers. This affected the time it would take to cover more schools thereby slowing down the quantity of coverage as schools closes by 1:00pm.

vi. **Down time in week-ends operation:**

The exercise was slowed down during the week-end in Lagos because school heads could not attend to enumerators. If there was proper organization like kano state who worked on Saturday, more schools would have been captured to safe time.

vii. **Poor Network Service in Some LGAs:**

In some LGAs, network services were very poor, erratic and unreliable thereby affecting the mapping and connectivity assessment. This affected the internet speed reading as a result most enumerators captured wrong reading which caused them to revisit those schools twice.

5.0 WAY FORWARD/RECOMMENDATIONS:

Form the foregoing, the following recommendations are noted:

- i. introductory letter should be provided from the Lagos State Ministry of Education (MoE) and Lagos State Universal Basic Education Board (LASUBEB) in subsequent assignments;
- ii. Enumerators should be provided with kits such as raincoat, rainboot, life-jackets and umbrellas for School selected in waterline terrain;
- iii. Provision should be made for proper logistics arrangements (cars, motorbikes) to ensure ease of accessibility to rough terrains;
- iv. There should be provision for a school guide from LGEA in order to lead enumerators to schools around their LGA to ensure more coverage;
- v. Provision should be made for extra funding of supervisors with call card since they are responsible to coordinate enumerators within a particular state;
- vi. internet service providers should not be limited to MTN and Airtel only since other providers may have stronger reception where MTN or Airtel does not cover; and
- vii. the exercise should be made to commence from Monday to Saturday excluding Sunday in order to ensure more coverage.
- viii. Government should improve on provision of Information Technology equipment in the schools, training and retraining of teachers in Information Technology and provision of light to power the facilities.

6.0 APPRAISAL OF THE EXERCISE:

The supervisor for Lagos State appreciated all those who participated in the mapping and connectivity assessment in Lagos state to enhance digital learning and literacy in school. After successful completion of the exercise, over one thousand schools were mapped. In his appraisal of the exercise, the supervisor expressed confidence at the level of expertise exhibited by the coordinator, Mr. Babagana Aliyu, the level of support exhibited by the D(PR&S), the head of LASUBEB EMIS and the entire team of enumerators for their unwavering support and capacity to carry out this initiative.

7.0 VOTE OF THANKS/CLOSING:

After all the schools have been mapped, the supervisors gave a vote of thanks to UNICEF as well as Giga group and wished everyone safe journey back to their various destination.



Mr. Akan Clement

PAO (STATISTICS & NEMIS)

FME-ABUJA

SUPERVISOR

LAGOS STATE TEAM