

UNGGIM 10

COUNTRY REPORT; Nigeria

Surv. Samuel A. Taiwo
Surveyor General of the Federation

INTRODUCTION - OSGOF

- The Office of the Surveyor General of the Federation (OSGOF) is an extra-ministerial, career pooling and self accounting office, under the supervision of the Honourable Minister of Works and Housing.
- The Surveyor General of the Federation (SGoF) is the Accounting Officer and Chief Executive of the office.
- The mandate of the office is to provide the requisite geospatial information needs of the country for sustainable national development, co-ordinate all Surveying, Mapping and their related activities of the country, and to implement the Survey Co-ordination Act of 1962 and its subsequent amendments.

FOCUS OF OSGOF

- To achieve its mandate, the office has defined its focus to harness three very important areas; **IMPACT, RELEVANCE AND ADVOCACY.**
- These three focal areas drive the activities in the Office and aids in the actualization of the overall vision and the mission of the Office.

VISION: To meet the Geospatial needs of the country in all ramifications.

MISSION: To provide timely, reliable and accurate Geospatial Information to all users.

IMPORTANCE OF THE FOCAL AREAS

- The activities at the Office of the Surveyor General of the Federation are driven by the three focal areas highlighted above: **IMPACT, RELEVANCE AND ADVOCACY.**
- These focal areas are very important because the value of Geoinformation and the rightful place of the Office is not yet appreciated. This is reflected in the level of respect it commands and the budgetary provision allocated to it. Thus the Office has now defined these focus areas to change that.



STRATEGY OF OSGOF

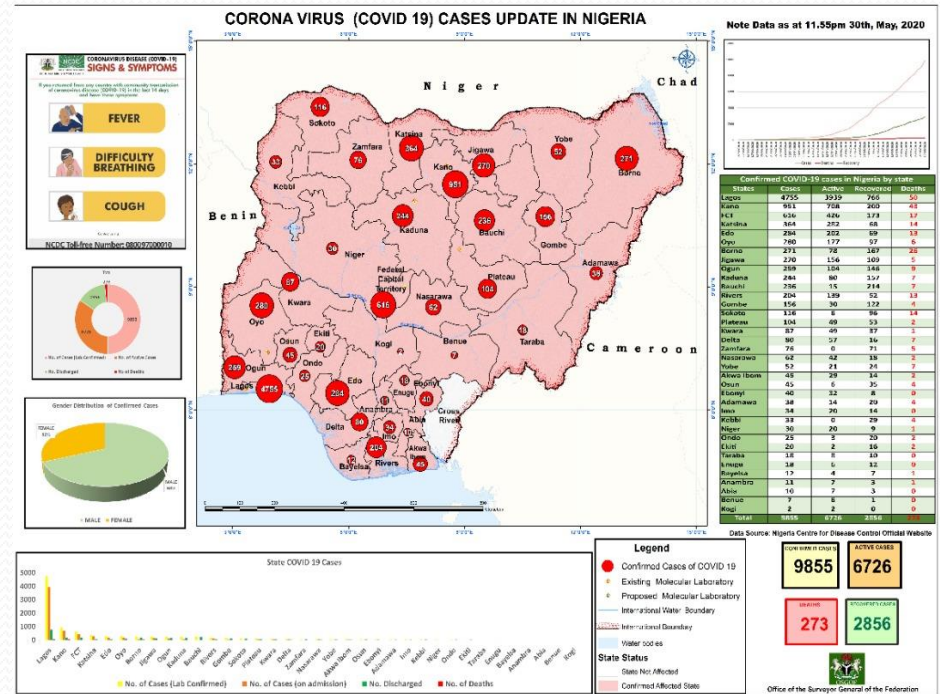
- As a strategy, we examine the agenda of the government, as well that of all other stakeholders in different sectors, to identify their geospatial needs. The goal is to develop products and projects that complement and support the successful implementation of their agenda; to increase our **impact and relevance** in Nigeria and beyond.
- We have successfully put out a *questionnaire on geospatial needs assessment* to stakeholders in different sectors to identify the responsibilities of each organisation we interface with, to understand their work processes, their action plans and how they intend to actualize their objectives, to inform our activities.

PARTNERSHIPS AND COLLABORATIONS

- We have also increased our network of partners and are now more intentional with *fostering mutually beneficial collaborations* across board.
- At the moment, we are at MOU level with the National Tourism Development Agency (NTDA) to produce maps and street guides on some specific hospitality providers. This partnership will generate IGR to both the NTDA and OSGOF as hospitality providers will pay to have their businesses put on these leaflets.

CONTRIBUTIONS TO THE FIGHT AND MANAGEMENT OF COVID_19 PANDEMIC

- The Office has also been actively involved in the response to COVID_19 in Nigeria.
- We have, in collaboration with the National Centre for Disease Control (NCDC) in Nigeria being providing daily COVID_19 maps, and other geospatial support to aid the fight and management of the virus since the pandemic.



ADVOCACY

- In the area of **advocacy** the office is taking practical steps to increase awareness and advance the knowledge of Geoinformation products and services across board. This is hinged on the current philosophy of the office which is:
- *If you cannot map it, you cannot manage it.*
- As a matter of fact, the failure of government projects can be traced to the undermining of geospatial information. Thus, the Surveyor General of the Federation has taken time to put out statements, communiqués and articles in the press and in stakeholder meetings to highlight to showcase the usefulness of geospatial information to averting these failures.



COMMUNICATION AND ENGAGEMENT

- The Surveyor General of the Federation has appeared in Good morning Nigeria, Africa Independent Television (AIT) and other print media creating awareness and advancing the geospatial cause in Nigeria.
- We have been going to institutions and stakeholder agencies (companies) to create awareness and also to identify their geospatial needs using the geospatial needs assessment questionnaire we created.

GEOSPATIAL INFORMATION CAPACITY BUILDING

- There are also ongoing efforts to strengthen national geospatial information capacity-building in Nigeria. The Office invites resource persons to lecture staff on selected topics and also sends staff on regular trainings to build capacity.
- In line with this, the Office invited a resource person recently to unbundle the terms of reference of mapping and mapping standards. This is to ensure that all staff are equipped to contribute significantly to achieving the vision of the Office which is to meet the Geospatial needs of the country in all ramifications.
- On the international scene, we are working to increase the collaborations with agencies like Japan International Cooperation Agency (JICA) and Korean International Cooperation Agency (KOICA) for capacity development.

CURRENT PRIORITIES OF OSGOF

- Presently, the government has articulated nine priority areas to facilitate the development of Nigeria. They are:
 - **Stabilize the macro economy;**
 - **Increase Agricultural Productivity, and Food Security;**
 - **Ensure Energy Sufficiency;**
 - **Improved Transportation and other infrastructure;**
 - **Drive industrialization;**
 - **Improved Health, Education and Productivity of Nigerians;**
 - **Enhance Social Inclusion by Scaling up Social Investments;**
 - **Fight Corruption and Improve Governance; and**
 - **Provide Security for all Citizens.**
- The Office has therefore identified some key projects to facilitate the successful implementation of the above listed priority areas. They are presented in the next slide.

OSGOF PRIORITY PROJECTS

- **National Large Scale Cadastral Township Mapping**
- **Establishment of National Geographic Information System (NGIS) – OSGOF Data Centre**
- **Operationalising the Integrated Geospatial Information Framework (IGIF) for Evidence Based Decision Support System (EBDSS)**
- **Increasing the Establishment of additional Continuously Operating Reference Stations (CORS), especially in the maritime areas**
- **Survey of Right of Way (ROW)**
- **Extraction Transformation and Loading**

• Establishment of National Geographic Information System (NGIS) – OSGOF Data Centre

The completion of the data centre to full functionality is now a priority of the Office. We have fully completed the data structuring, the design, the hardware and the local area network (LAN) that will serve the data centre. We are in the process of implementing the data security and firewall protocols and the OSGOF data Centre will be fully functional.

EXPANDING ON THE PRIORITY PROJECTS

- **National Large Scale Cadastral Township Mapping**

Production of National Large scale Cadastral Township mapping has become a priority for the office hence its segmentation into the different senatorial constituencies to achieve a cluster advantage. This is expected to help in achieving development objectives of the Federal government.

- **Operationalising the Integrated Geospatial Information Framework (IGIF) for Evidence Based Decision Support System (EBDSS)**
- Nigeria has previously developed its country-level action plan for the implementation of the IGIF in line with the seven underpinning principles, nine strategic pathways and eight goals prescribed by the IGIF.
- Nigeria has developed its country-level Action Plans to serve as a starting-point for maximizing and leveraging on existing elements of the Survey Coordination Act of 1962 (and its amendments), including the attempts at implementing the NSDI.
- The plan is tailored to reflect Nigeria's current situation with geospatial data access, use and sharing, as well as the circumstances challenging the implementation of new policies and frameworks.

- Hence it combines the seven underpinning principles, eight goals and the nine strategic pathways of the IGIF, to assist in addressing the nine priorities areas (listed above) prescribed by the present Government for Nigeria.
- The county-level action plan consists of eight elements. They include: (1) Review of NSDI; (2) Identification of stakeholders; (3) Status of completion; (4) Buy-in from the stakeholders; (4) Synthesize the outcome to prepare working document for the implementation of IGIF; (5) Implementation of IGIF (6) Policy and legal; (7) Financial implication; and (8) Project management.
- This process is ongoing and has seen significant progress. A fundamental step in this process to get the buy-in of all stakeholders, and to also identify areas within our policy that needs to be addressed for the successful implementation of the IGIF. This will be discussed in the Survey Coordination Conference that the Office is hosting this September. From the 1st to the 3rd of September 2020. See flyer below.

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OFFICE OF THE SURVEYOR-GENERAL OF THE FEDERATION (OSGoF) ABUJA

Welcomes you
to the

2020 VIRTUAL SURVEY COORDINATION CONFERENCE & MEETING OF THE ADVISORY BOARD ON SURVEY TRAINING

THEME:
GEOSPATIAL INFORMATION: ACHIEVEMENTS OF SDGs AND GOOD GOVERNANCE

TUE 1ST - THUR 3RD SEPTEMBER, 2020 **11:00 - 13:00 Morning Session**
14:00 - 16:00 Afternoon Session

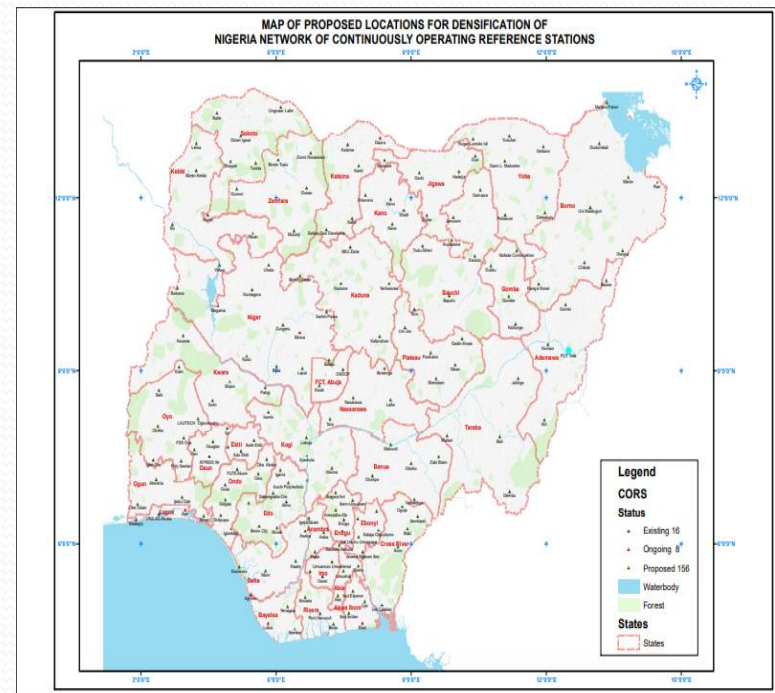
SPECIAL GUEST OF HONOUR
DISTINGUISHED SENATOR
Ahmad Ibrahim Lawan, PhD, CON
SENATE PRESIDENT, FEDERAL REPUBLIC OF NIGERIA


CHIEF HOST
BABATUNDE RAJI FASHOLA, SAN
HONOURABLE MINISTER WORKS & HOUSING

HOST:
SURV. S. A. TAIWO, FNCA, MNIS
Surveyor-General of the Federation

• Establishment of additional Continuously Operating Reference Station (CORS), especially in the maritime areas

- This is to improve on the existing geodetic infrastructure in the Office. We have some passive first order Control points that the Office uses to transform Minna Datum to WGS 84.
- The Office currently has 24 Continuously Operating Reference Stations (CORS) across Nigeria. There are also additional CORS established by other institutions and the Office is working on integrating them together.
- We have a schema which we have developed and we are looking to overlay the COR stations with the forest map. (See map inset).
- This is to facilitate the deployment of the CORS we are proposing to implement. We are looking at lining about 10-12 CORS towards the coast of Nigeria to aid Ship Navigation and general maritime administration.



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- **Survey of Right of Way (ROW) for Title documents**
 - **Extraction, Transformation and Loading.**

CONCLUSION

- The Surveyor General of the Federation wishes to congratulate the UN-GGIM Secretariat for the successful hosting of the UN-GGIM-10
- We note that these are very interesting and somewhat difficult times and the SGOF shares his empathy with everyone as we all fight this pandemic.
- The SGOF hopes that we are all keeping safe and going strong. And he wishes every participant, member states and observers a successful proceeding.



THANKS FOR LISTENING...!