DAY 3: Stakeholder Coordination & Roadmap Development

7 August 2025, 9:00

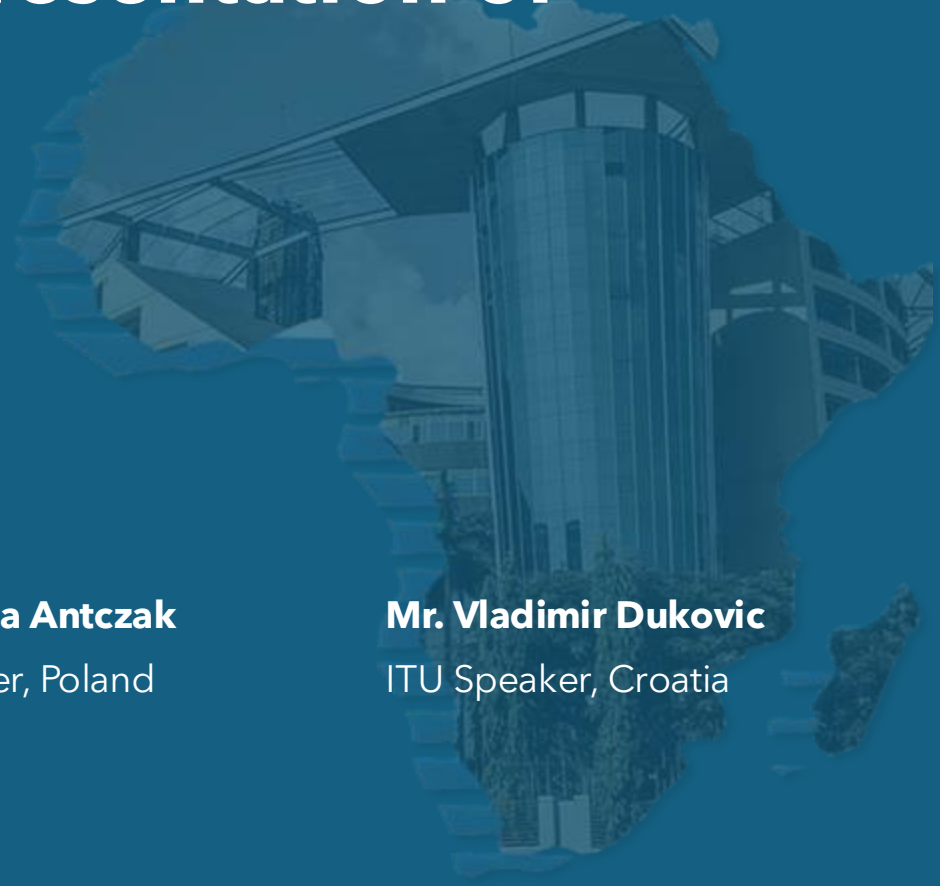
RECAP: Recap of Day 2 and Objectives of Day 3

Dr. Mohammed S Yusuf
Legal Department, NCC

SESSION 6: Policy Deep-Dive: Presentation of upcoming policy analysis work

Moderation: Mr. Elind Sulmina, Project Officer, Africa-BB-Maps, ITU

SESSION 6: Policy Deep-Dive: Presentation of upcoming policy analysis work



Dr. Mohammed S Yusuf
Legal Department, NCC

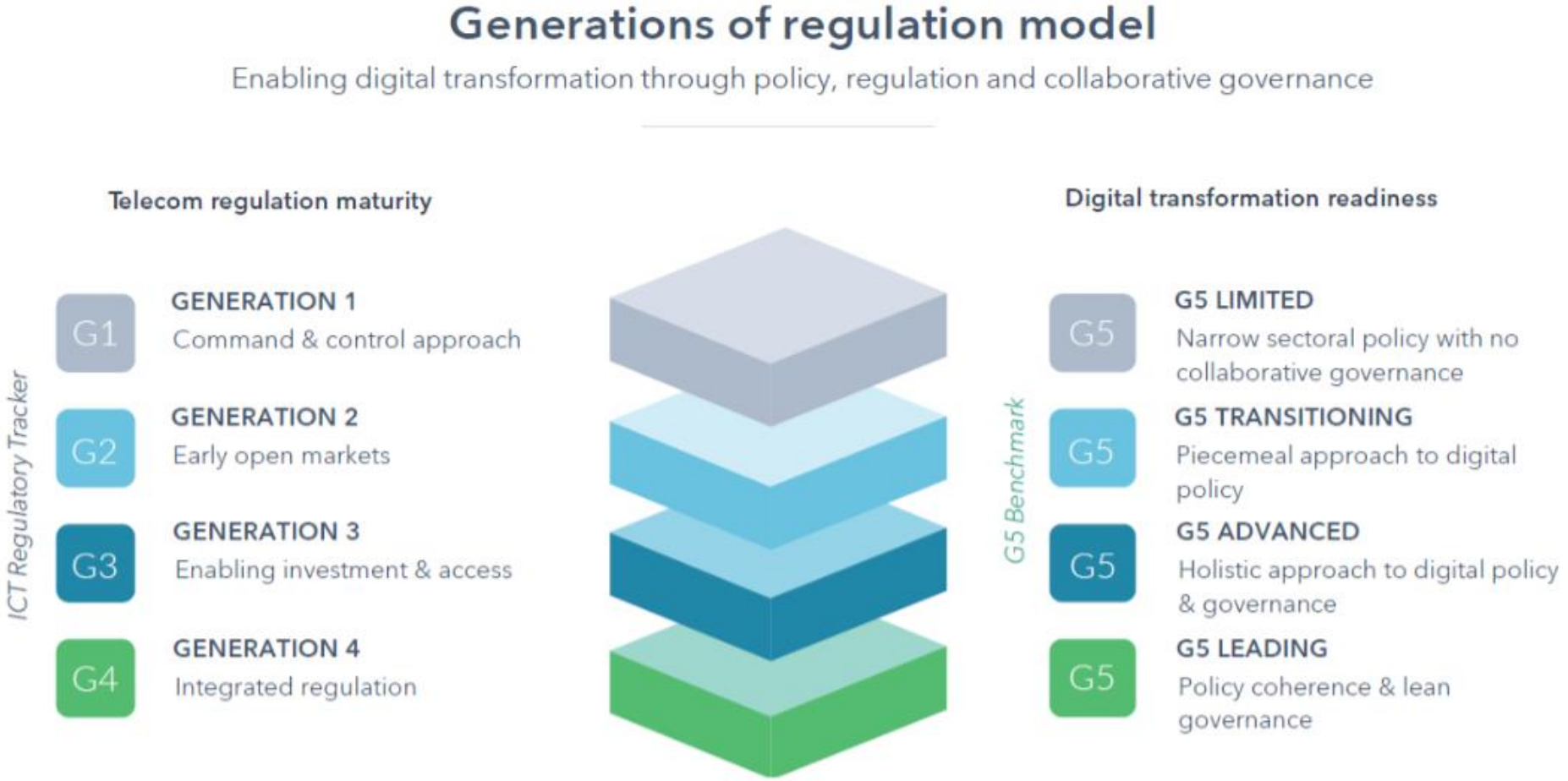
Ms. Agnieszka Gladysz
ITU Speaker, Poland

Ms. Joanna Antczak
ITU Speaker, Poland

Mr. Vladimir Dukovic
ITU Speaker, Croatia

ITU ICT Regulatory Tracker

- To help analyze the evolution of ICT regulation worldwide, identify and measure progress areas, the countries included in the Tracker are split into score thresholds that relate to generations of regulation.



https://app.gen5.digital/tracker/about

ITU ICT Regulatory Tracker

- The tracker records the existence and features of regulatory frameworks in 194 countries between 2007 and 2024.

- It is organized in 4 pillars.

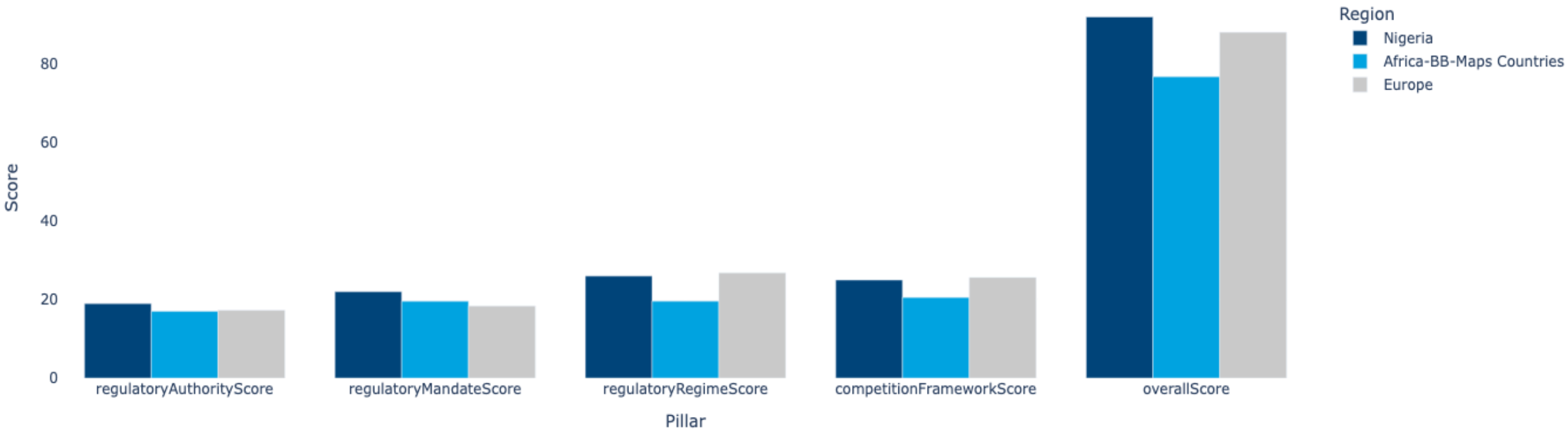
ICT Regulatory Tracker structure and scoring rules

Pillar	Name	Number of indicators	Max score	Countries ranked if min indicators
1	Regulatory authority	10	20	10
2	Regulatory mandates	11	22	11
3	Regulatory regime	15	30	15
4	Competition framework	14	28	14
	ICT Regulatory Tracker	50	100	50

Source: ITU

https://app.gen5.digital/tracker/about

Nigeria



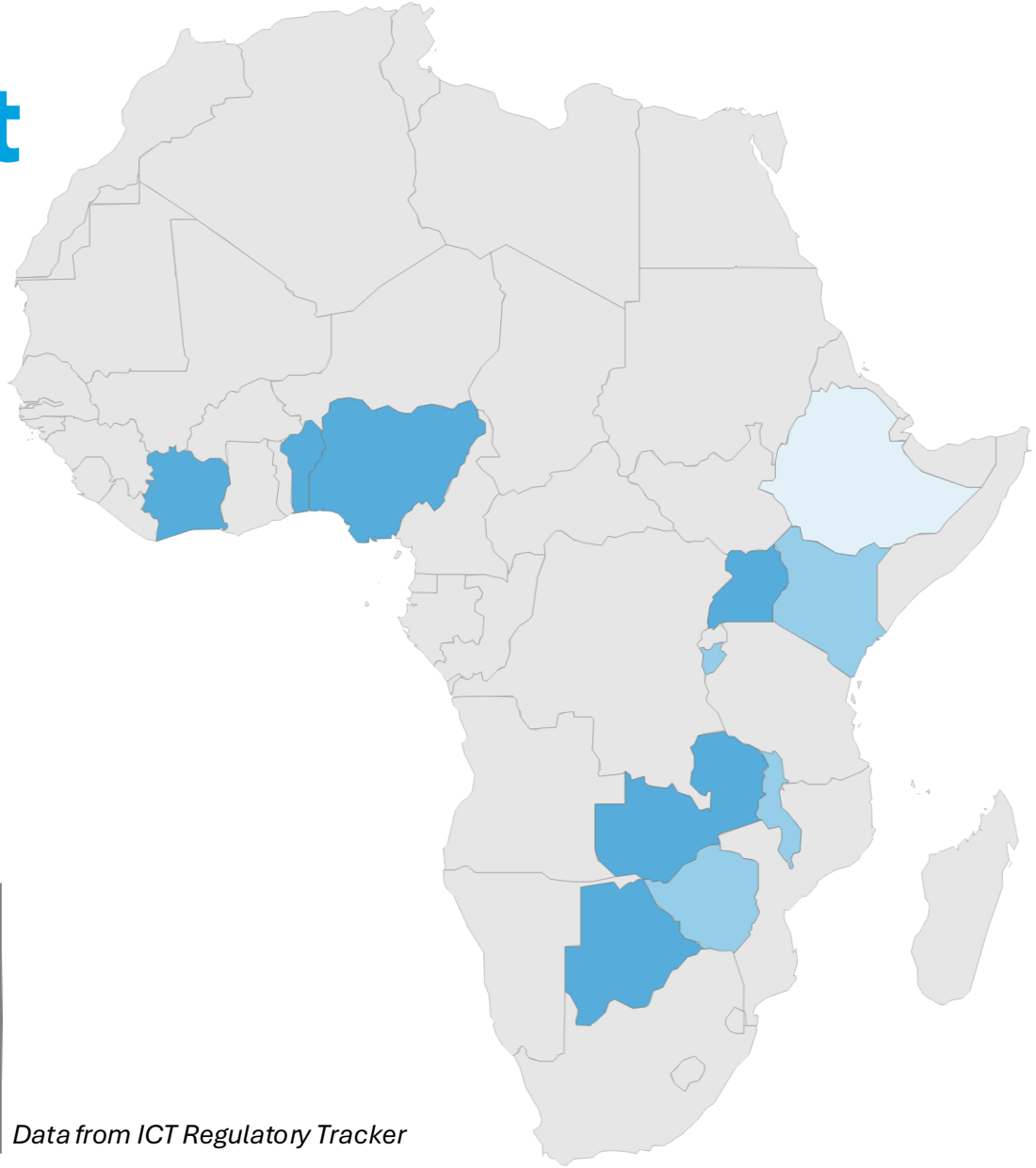
The ICT Regulatory tracker shows good maturity in Nigeria throughout all 4 pillars compared to other Africa-BB-Maps countries and Europe, with an emphasis on regulatory regime and competition framework.

Data from ICT Regulatory Tracker

Regulatory environment

- Nigeria has a strong autonomous regulatory agency
- The question is:

what legal tools does this agency have to push forward the implementation of a broadband mapping project ?



Data from ICT Regulatory Tracker

Africa-BB-Maps Policy Work in Nigeria

The Africa-BB-Maps policy work aims to collaborate closely with NCC and develop together proposed recommendations to strengthen its policy and regulatory mandate, enabling national and long-term ownership and use of a state-of-the-art broadband mapping system.

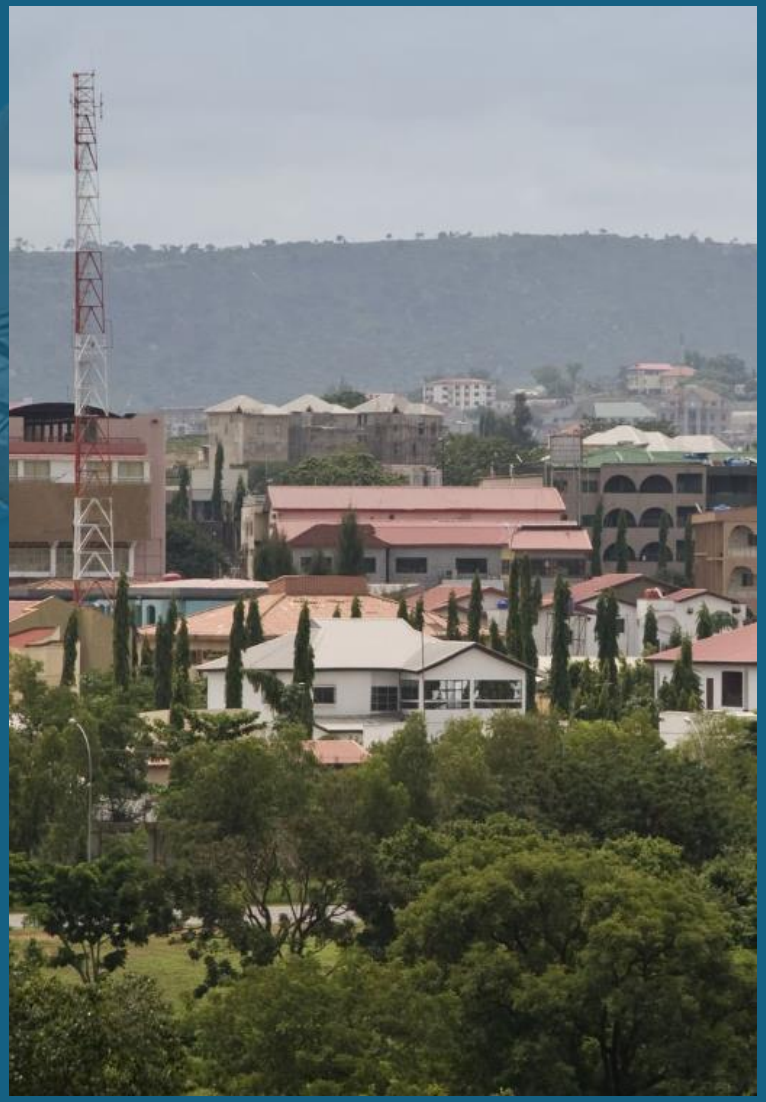
Goal: Strengthen enabling environments for broadband mapping in Nigeria

Outputs:

- **1.2** Policy analysis & guidelines at country level
- **1.3** Increased policy dialogue & awareness at national/regional levels

Approach:

- Country-specific assessments
- Promotion of best practices
- Regional harmonization



Nigeria’s Policy Analysis & Regulatory Assessment

Africa-BB-Maps will conduct a detailed policy and regulatory review will identify gaps and opportunities in Nigeria’s broadband mapping ecosystem anchoring it under a cross-sector body of knowledge of ITU (T,R,D). It will base its work on existing national laws and regional west African laws.

This process looks at national strategies, legislation, and institutional roles to design recommendations aligned with Nigeria’s development priorities and global benchmarks.

- Baseline assessment & maturity matrix --> Done
- Review of legal, regulatory, and policy frameworks
- Identification of barriers & governance challenges
- Development of country-specific guidelines
- Alignment with international standards

Questionnaire of the Regional Event

Question	Answer
Does your country have government initiatives or public policies related to broadband mapping?	Yes, with a structured plan and budget
What is the main objective of your broadband expansion strategy?	Development of mobile broadband (3G/4G/5G), Extension of fiber optic broadband
Does your country have specific broadband penetration targets for the next five years?	Yes, for both urban and rural areas
Does your country have a broadband mapping system?	We collect and develop internal maps, but they do not constitute a true broadband mapping system

Regulatory Practices & Frameworks proposed for Nigeria

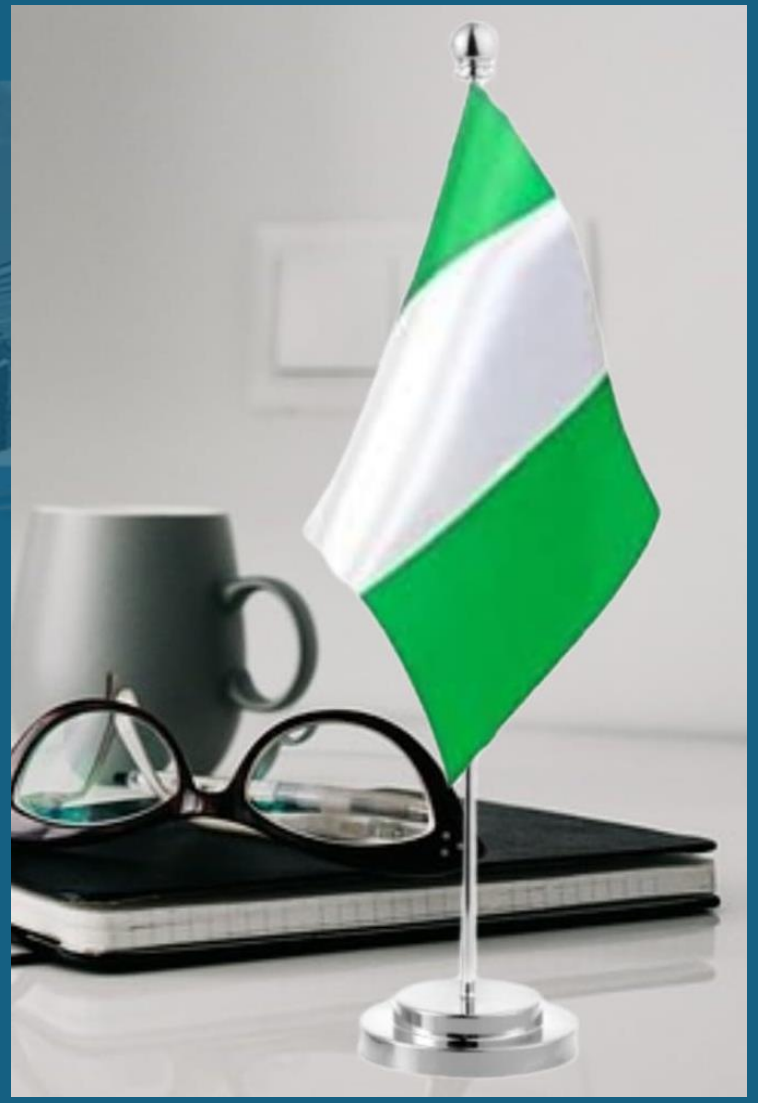
Drawing from global best practices, such as ITU and the EU :

1. ITU Guidelines Establishing or Strengthening National Broadband
2. ITU Policy analysis report on establishing or strenghtening the enabling environment for broadbad mapping systems
3. ITU Compendium of Case Studies on Broadband Mapping Systems Across the EMERG and EaPeReg RegionsMapping Systems
4. EU State Aid Guidelines (2023)
5. Broadband Cost Reduction Directive (2014)
6. European Electronic Communications Code (2018)

Policy Promotion & Advocacy in Nigeria

For broadband mapping to be effective, it must be embraced by decision-makers and implemented in a coordinated manner. Africa-BB-Maps will engage with all stakeholders together with NCC to build awareness that technology deployment must go hand in hand with policy deployment

- National and regional workshops
- Engagement with ministries, regulators, and private sector
- Advocacy for harmonized mapping approaches
- Sharing regional & global best practices
- Building stakeholder buy-in for mapping adoption



Expected Policy Outcomes for Nigeria

Through these actions, Africa-BB-Maps aims to

1. Stronger policy coherence with regional best practices
2. Broadband mapping embedded in national ICT strategies
3. Transparent, reliable data for investment and planning decisions
4. Enhanced capacity of Nigerian institutions to manage mapping systems
5. Contribution to regional harmonization and cross-border connectivity

Q&A and Discussion for Session 6

Estimated end time: 10:45

Coffee Break

10:45 – 11:00

SESSION 7: Group discussions on the policy and regulatory work

Moderation: Mr. Elind Sulmina, Project Officer, ITU Africa-BB-Maps

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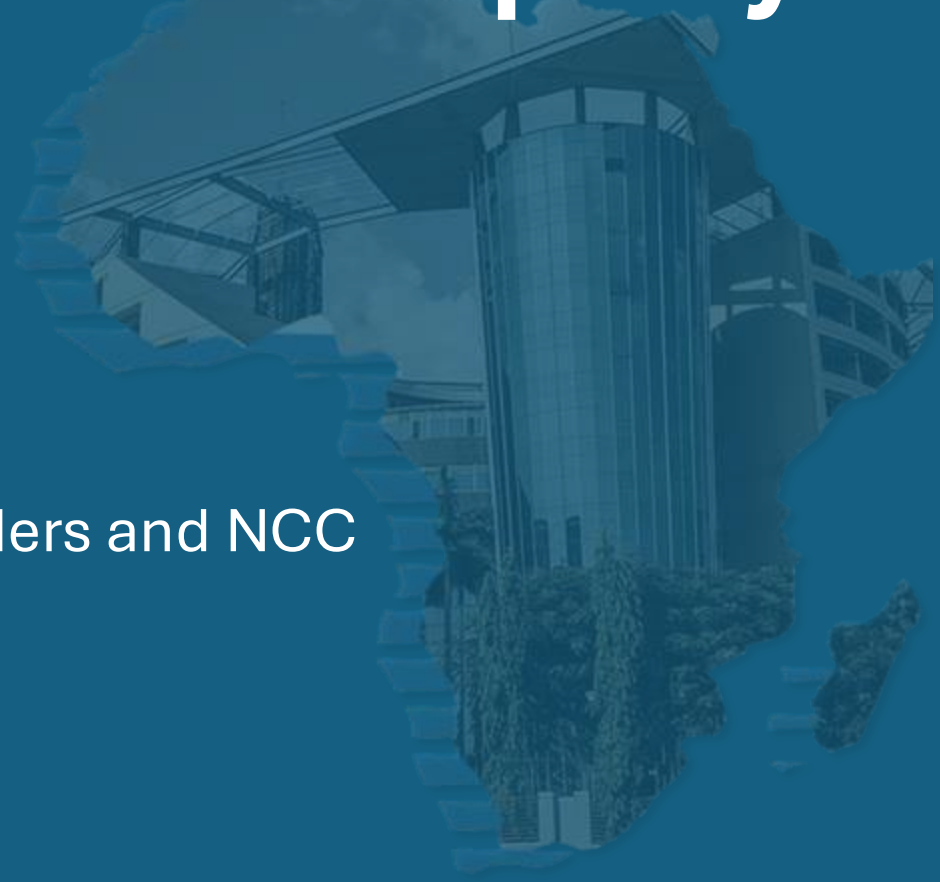


Each group should focus on

- Internal, legal or policy barriers;
- Coordination challenges between data providers and NCC
- Data ownership and confidentiality
- Institutional limitations
- National & Regional harmonization

LUNCH BREAK

12:30 – 13:30

SESSION 8: Whole-of-Government Coordination for Broadband infrastructure: Cross-Sector Synergies, Data Sharing & Protection mechanisms – endorsement section and phase

Dr. Umar S. Abdullahi, Special Adviser Technical to EVC, NCC

Q&A and Discussion for Session 8

Estimated end time: 14:30

SESSION 9: Finalisation of the Stakeholder Mapping – Roles & Responsibilities

Moderation: Mr. Dana Jon Kamason, Project Manager, Africa-BB-Maps, ITU

SESSION 9: National Stakeholder Mapping – Roles & Responsibilities

Dana Jon Kamason

Project Manager, Africa-BB-Maps, ITU

Dr. Umar S. Abdullahi

Special Adviser Technical to EVC, NCC

Africa-BB-Maps – GIS/Broadband Mapping Roles

Primary Custodian & Operation Lead

Institution or entity accountable for the full operation, maintenance, and upgrade of the national broadband mapping platform.

Responsibilities	Actors
• Ensure Continuity • Host and maintain broadband mapping system • Enforce data reporting obligations from data contributors • Coordinate with other national stakeholders on data sharing and governance	

Africa-BB-Maps – Data Roles

	Responsibilities	Actors
Data Provider Institution or entity that generate or submit raw or processed datasets.	• Provide data • Submit data according to the defined schema and frequency • Respond to data queries or corrections	
Data Custodian Institution or entity responsible for hosting and securing the data	• Host and secure data • Operate and maintain the enterprise GIS system or geoportal • Coordinate with national stakeholders for border or regional datasets	
Data Steward Institution or entity responsible for maintaining data quality and standards.	• Maintain data quality • Ensure datasets are up to date and aligned with defined metadata standards • Validate data before publication or integration	

Africa-BB-Maps – Data Roles

	Responsibilities	Actors
Data Owner Institution or entity with ultimate authority and accountability over a dataset.	• Govern data • Define the purpose and usage rules for data • Approve data access and sharing policies • Ensure legal compliance	
Data Consumer Individuals or institutions who use data for decision-making or advocacy.	• Drive impact • Use the broadband mapping platform for evidence-based decisions • Provide feedback on usability and accuracy • Promote transparency	

Africa-BB-Maps – Policy Roles

Policy & Regulatory Oversight

Institutions or entities providing national policy direction and ensuring alignment with legal and regional frameworks.

Responsibilities	Actors
• Ensures alignment • Integrate broadband mapping outputs into national digital strategies and policies	

Africa-BB-Maps – Capacity Development Roles

	Responsibilities	Actors
Training Provider Institutions responsible for capacity-building and skills development.	• Support national capacity-building strategies • Localise ITU Academy content for national relevance	

Africa-BB-Maps – Other Roles

	Responsibilities	Actors
Other …	• … • … • …	
Other …	• … • …	
Other …	• … • … • …	

Africa-BB-Maps – NCC's Orchestrating Role

Thank You!

Q&A and Discussion for Session 9

Estimated end time: 15:30

Coffee Break

15:30 – 15:45

SESSION 10: National Capacity Development – Roadmap for Nigeria

SESSION 10: National Capacity Development Roadmap

Dana Jon Kamason

Project Manager, Africa-BB-Maps, ITU

Africa-BB-Maps – Capacity Development Roadmap for Nigeria

GIS, Policy, Data

Basic

01

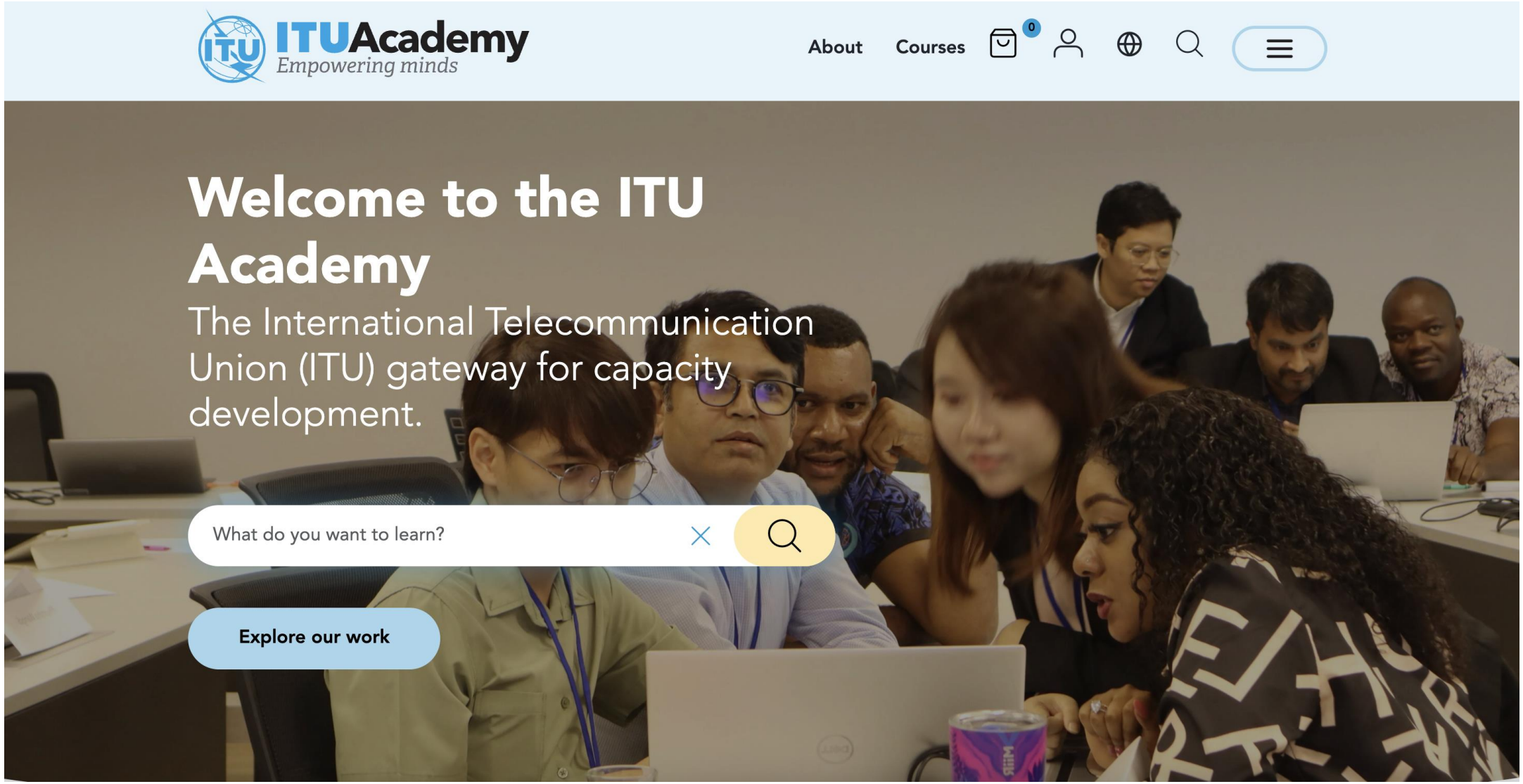
02

Intermediate

Advanced

03

Africa-BB-Maps – Capacity Development Delivery Platform



https://academy.itu.int/

Africa-BB-Maps – Capacity Development Framework (2026-2028)

	GIS	POLICY	DATA
Format	Online Self-Study Courses Instructure-Led Courses In-Person Workshops Training-the-Trainer	Webinars Regional Policy Labs EU Study Visits Structured Workshops	Online Self-Paced Courses Instructor-Led Courses In-Person Workshops Conferences
Approach	Hands-On Practical Application Accelerated Skill Progression	Peer Learning Exposure to EU Practices Evidence-Based Regulation	Standard-Based Data Practices Applied Analytics Local Stakeholders
Target Audience	GIS Experts Technical Teams	Policy and Regulatory Officers	Data Managers Analysts
Implementing Partners	ITU, Commercial Experts, Local Stakeholders		

Expected Outcomes

Sustainable Expertise in GIS, Policy, and Data

2026 - 2028

Thank You!

Closing Ceremony