Africa-BB-Maps National Event

National broadband mapping systems in Nigeria

5—7 August 2025
Abuja, Nigeria

africabbmaps.itu.int/ng-kickoff/

Registration

8:30 – 9:00

Opening Ceremony

Dr. Aminu Maida

Executive Vice Chairman,
Nigerian Communications
Commission

Hon. Gautier Mignot

Ambassador, EU
Delegation in Nigeria,
European Union

Opening Ceremony

Opening Ceremony

Official Group Photo

9:30 – 9:45

Program of Day 1

Time	Activity
8:30-9:00	REGISTRATION AND WELCOME COFFEE
9:00-9:30	Opening Ceremony
9:30-9:45	Official Group photo
9:45-10:00	Keynote: The Role of Broadband Mapping in National Digital Development Plans
10:00–10:30	SESSION 1a: Context and Current State – Intervention by NCC
10:30-11:00	Coffee Break
11:00-12:00	SESSION 1b: Context and Current State – Intervention by the public sector
12:00-13:00	Lunch Break
13:00-14:00	SESSION 1c: Context and Current State – Intervention by the private sector
14:00-15:00	SESSION 1d: Context and Current State – Intervention by international partners
15:00-15:15	Coffee Break
15:15-16:45	SESSION 2: Africa-BB-Maps in Nigeria: Objectives, Technical Framework, Timeline
16:45-17:00	Recap of Day 1 and Objectives of Day 2

Objectives of Day 1

1. Present the strategic importance of broadband mapping for Nigeria's digital development.

2. Establish a shared understanding of the current state from public, private, and international perspectives.

3. Introduce the Africa-BB-Maps initiative, its objectives, framework, and timeline in Nigeria.

4. Build alignment among stakeholders for coordinated action on broadband mapping.

5. Set the stage for Day 2's technical and implementation discussions.

SESSION 1a: Context and Current State – Intervention by NCC

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

Speaker

Organization

Speaker

Organization

Coffee break

10:30 – 11:00

Session 1b: Context and Current State – Intervention by governmental & public sector

Moderation: Engr. Edoyemi Ogoh Director TSNI, NCC

Q&A and Discussion for Session 1b (first part)

Time

SESSION 1b: Context and Current State – Intervention by governmental & public sector

NASRDA

National
Space Research and
Development Agency

NPoPC

National Population
Commission

REA

Rural Electrification Agency

Q&A and Discussion for Session 1b (second part)

Estimated end time: 13:00

Lunch Break

13:00 – 14:00

SESSION 1c: Context and Current State – Intervention by the private sector

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

Q&A and Discussion for Session 1c (first part)

Time

SESSION 1c: Context and Current State – Intervention by the private sector

MainOne

Galaxy Backbone

Q&A and Discussion for Session 1c (second part)

Estimated end time: 15:00

SESSION 1d: Context and Current State – Intervention by the International partners

Moderation: Richard Agulu, PM Digital Economy NCC

SESSION 1d: Context and Current State – Intervention by the International partners

XXX

West Africa
Telecommunications
Regulators Assembly
(WATRA) Representative

XXX

GSMA Representative

Mr Steve Song

Internet Society

XXX

ESRI Representative

Coffee Break

15:00 – 15:15

SESSION 2: Presentation of Africa-BB-Maps in Nigeria: Implementation Program

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

SESSION 2: Presentation of Africa-BB-Maps in Nigeria: Implementation Program

Mr. Dana Jon Kamason

Project Manager, Africa-BB-Maps, ITU

Mr. Elind Sulmina

Project Officer, Africa-BB-Maps, ITU

Africa-BB-Maps – Project's Objective in Nigeria

To **establish** and **operationalise sustainable** national **broadband mapping systems**

to enable:

Validated, **publicly accessible** broadband data

Evidence-based policy and regulation

Targeted **infrastructure investment**

Inclusive and equitable **connectivity**

Accelerated **digital transformation**

Regional harmonisation

Alignment with **international standards**

Africa-BB-Maps – 3 Strategic Pillars for Nigeria

Africa-BB-Maps

Policy & Regulations

Creating the enabling environment for broadband mapping to thrive:

- Governance frameworks aligned with EU best practices
- Policy and regulatory integration
- Common data standards and interoperability
- Monitoring and evaluation mechanisms

Technology

Delivering state-of-the-art mapping platform:

- Geospatial platform (proprietary, open-source, or hybrid)
- Integration of infrastructure and service data
- Geoportals for public access and planning
- Tools for network analysis and policy formulation

Capacity Development

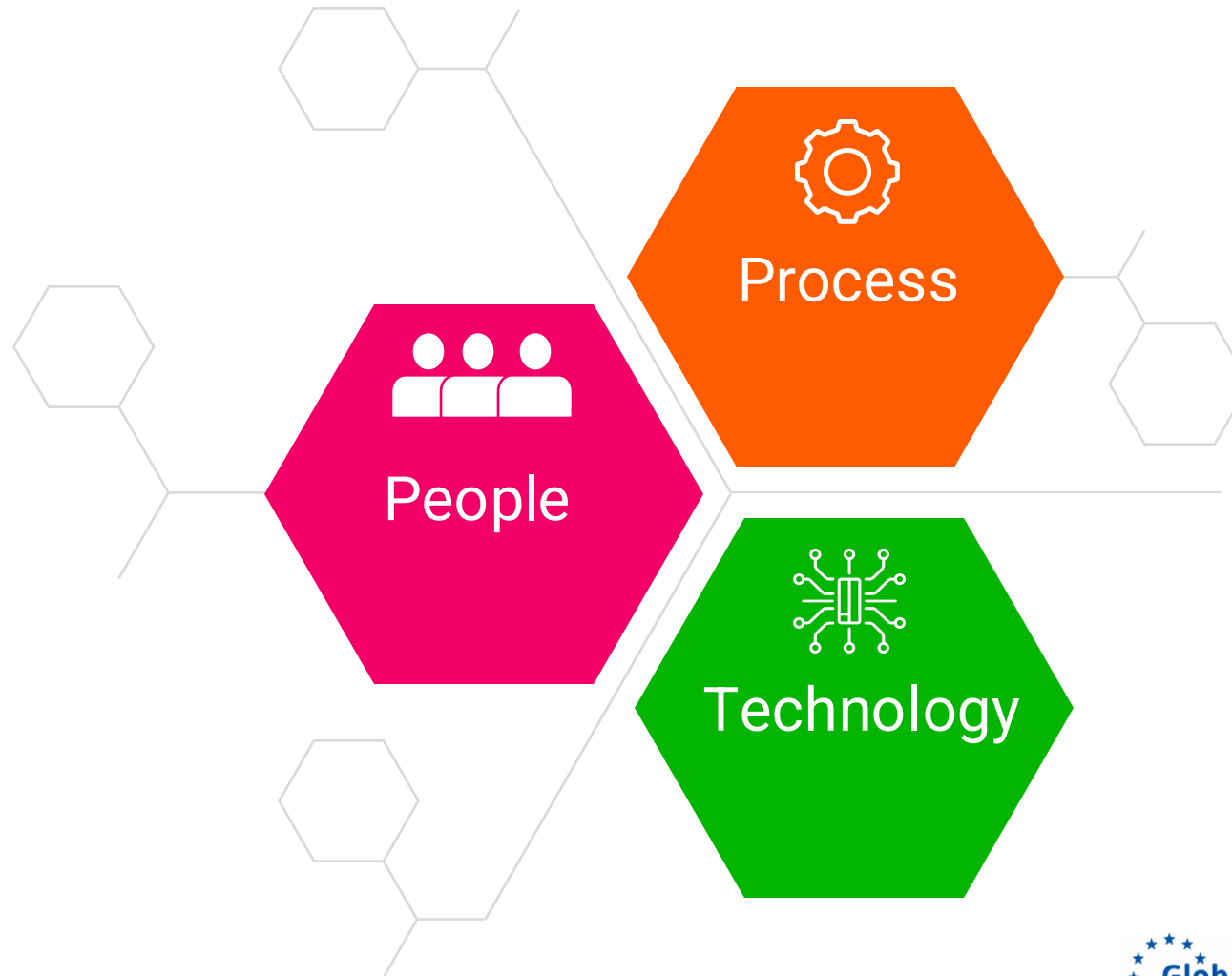**Empowering people and institutions to lead:**

- Structured training through ITU Academy
- Hands-on learning in GIS, broadband policy, and data governance
- Support for NCC and stakeholders
- Nigeria-EU collaboration and regional knowledge exchange

National Ownership for Sustainability

Africa-BB-Maps – Technical Framework for Nigeria

People, Process, and Technology for Sustainable Broadband Mapping

Africa-BB-Maps – Expected Outcome for Nigeria

Low

O1

Status: No system, no capacity, no coordination.

Focus: Raise awareness and assess digital readiness.

Medium (Emerging)

O2

Status: Foundations forming, but data and systems are minimal.

Focus: Build mandates, standards, and system blueprint.

Medium (Functional)

O3

Status: Basic system running with limited features and data.

Focus: Deploy core components and train initial users.

High (Established)

O4

Status: Operational system integrated into national planning.
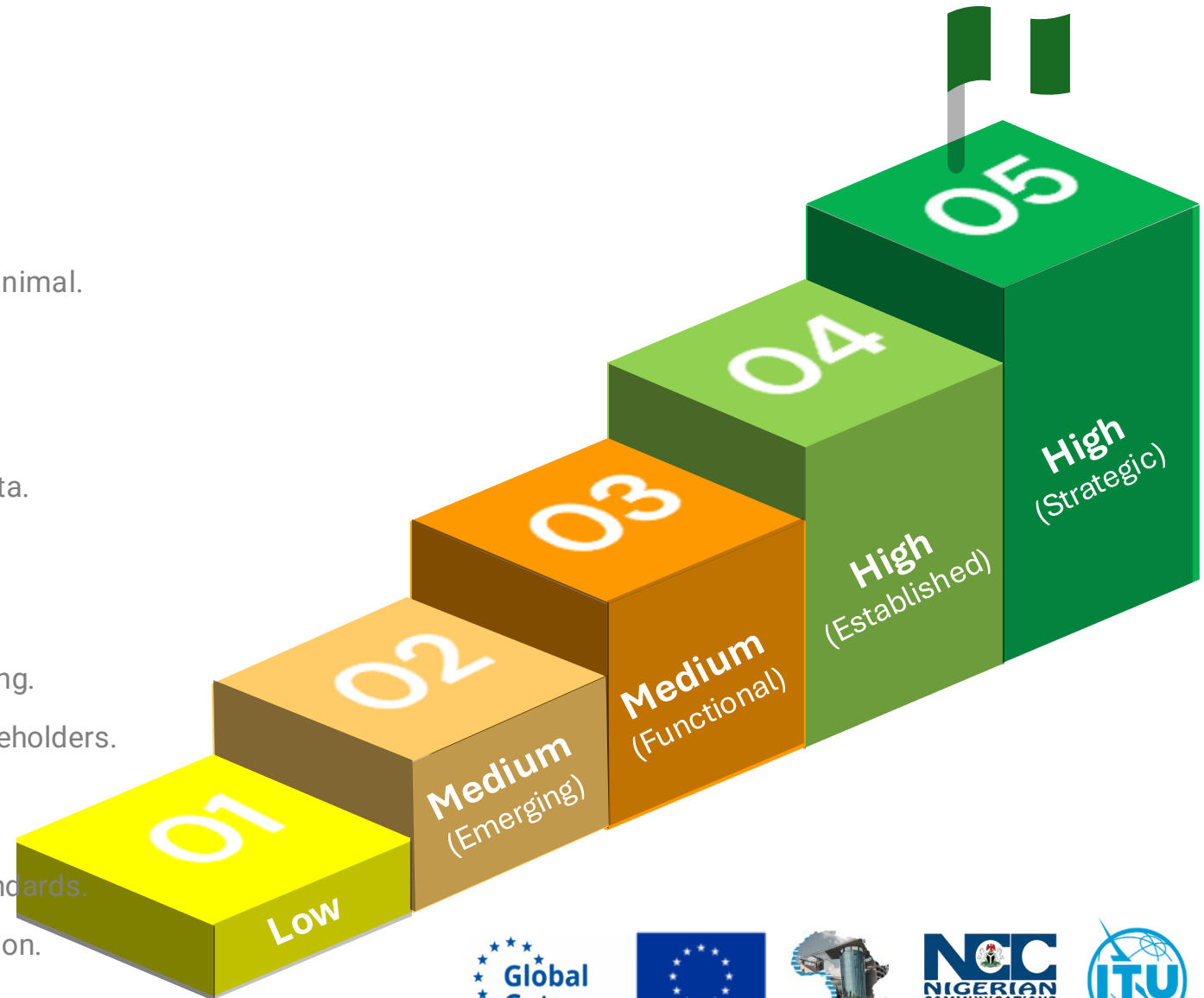
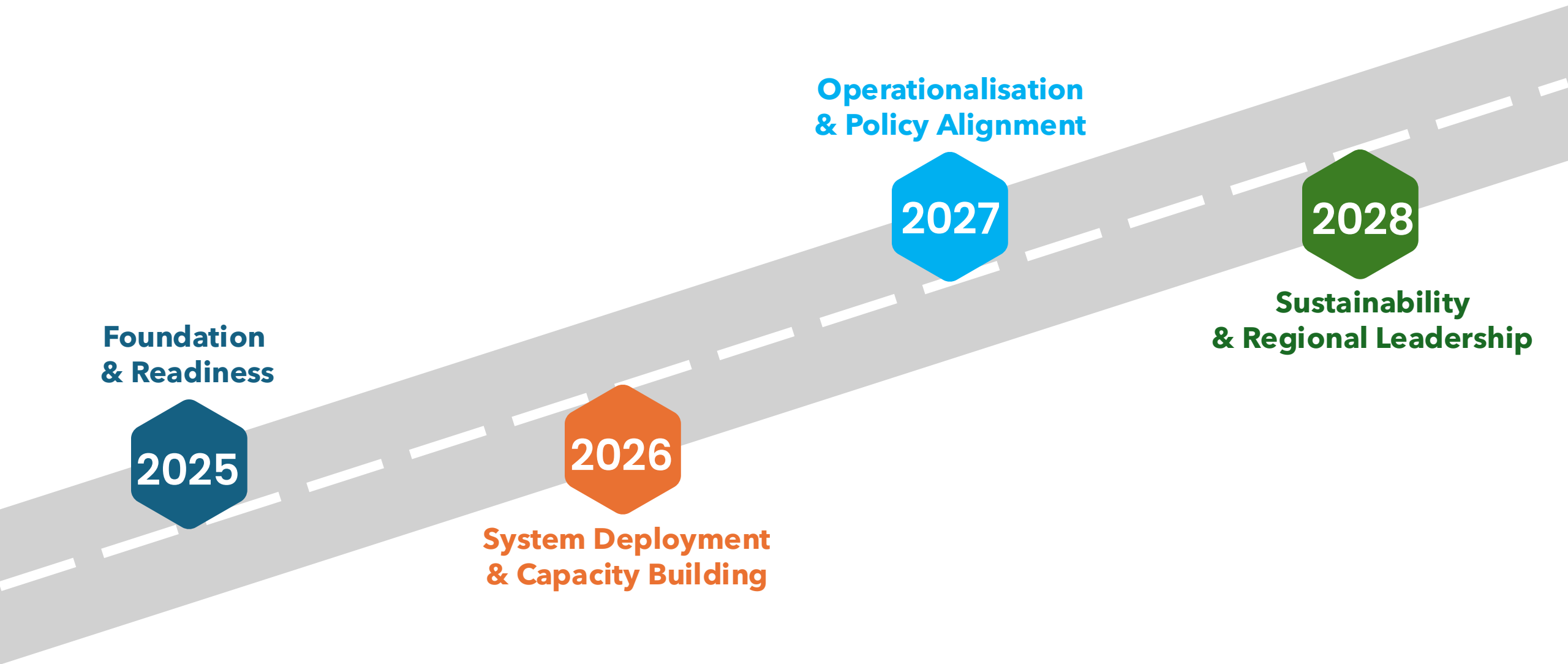**Focus**: Institutionalise platform and scale use across stakeholders.

High (Strategic)

O5

Status: Strategic tool aligned with regional and global standards.

Focus: Drive decision-making, enable regional harmonisation.

Low

O1

Medium (Emerging)

O2

Medium (Functional)

O3

High (Established)

O4

High (Strategic)

O5

Global Gateway

NCC NIGERIAN COMMUNICATIONS COMMISSION

ITU

Africa-BB-Maps – Roadmap for Nigeria

**Foundation
& Readiness**

2025

**System Deployment
& Capacity Building**

2026

**Operationalisation
& Policy Alignment**

2027

**Sustainability
& Regional Leadership**

2028

Thank You!

SESSION 2: Presentation of Africa-BB-Maps in Nigeria: Implementation Program

Mr. Elind Sulmina

Project Officer, Africa-BB-Maps, ITU

Africa-BB-Maps in Nigeria: Policy Work Overview

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

Africa-BB-Maps Policy Work in Nigeria

Africa-BB-Maps aims to help establish or strengthen broadband mapping systems within national regulatory agencies, ensuring they have the technical, policy, and institutional capacity to operate them effectively.

In Nigeria, Africa-BB-Maps is working closely with the Nigerian Communications Commission (NCC) and other key stakeholders to strengthen the policy and regulatory foundations needed for a sustainable broadband mapping system. This will enable Nigeria to better plan investments, close connectivity gaps, and align with harmonized regional practices.
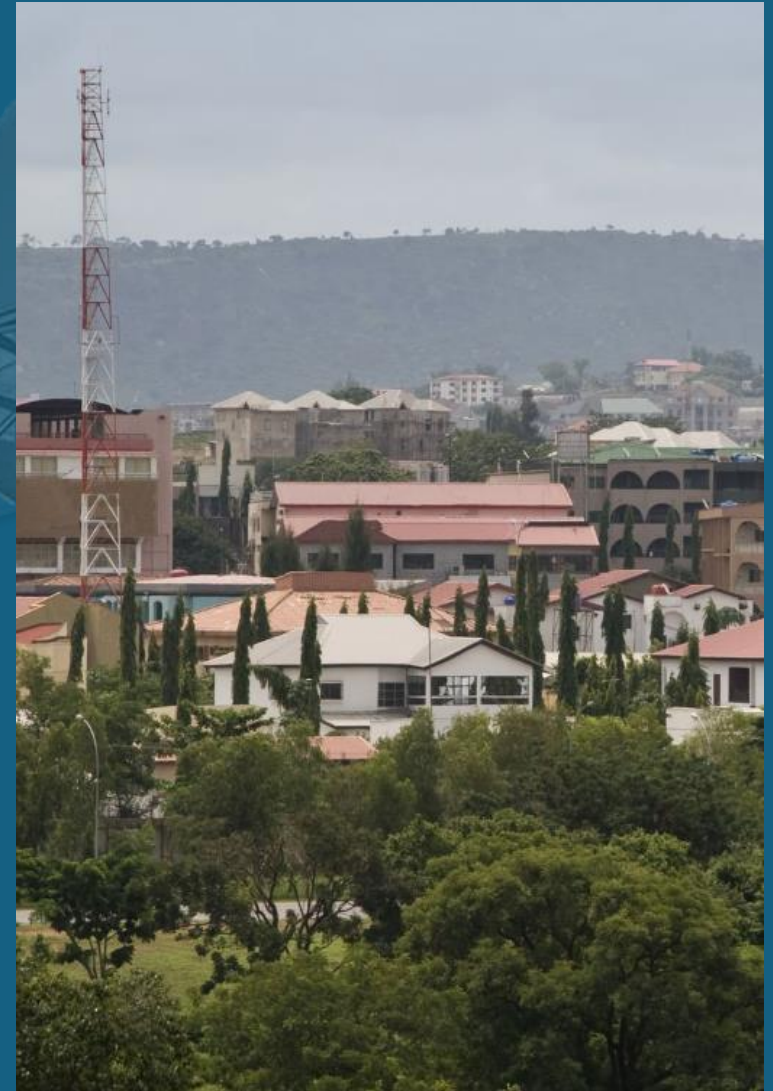
Goal: Strengthen enabling environments for broadband mapping in Sub-Saharan Africa (SSA)

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

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

Nigeria's Policy Analysis & Regulatory Assessment

Africa-BB-Maps conducts detailed policy and regulatory analyses to identify gaps, barriers, and opportunities for strengthening broadband mapping. These analyses result in country-specific guidelines aligned with global best practice.

A detailed policy and regulatory review will identify gaps and opportunities in Nigeria's broadband mapping ecosystem following ITU methodology. 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
- Review of legal, regulatory, and policy frameworks
- Identification of barriers & governance challenges
- Development of country-specific guidelines
- Alignment with international standards

Regulatory Practices & Frameworks proposed for Nigeria

Nigeria can draw on proven regulatory approaches from the ITU and the EU and other advanced mapping systems to build its own robust policy framework. This includes legal provisions for mapping obligations, infrastructure sharing, and investment transparency, all tailored to Nigeria's market and governance realities.

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

Policy dialogue is essential to ensure that broadband mapping is understood, supported, and integrated into national digital strategies. Africa-BB-Maps works with governments, regulators, and industry to raise awareness and promote harmonization.

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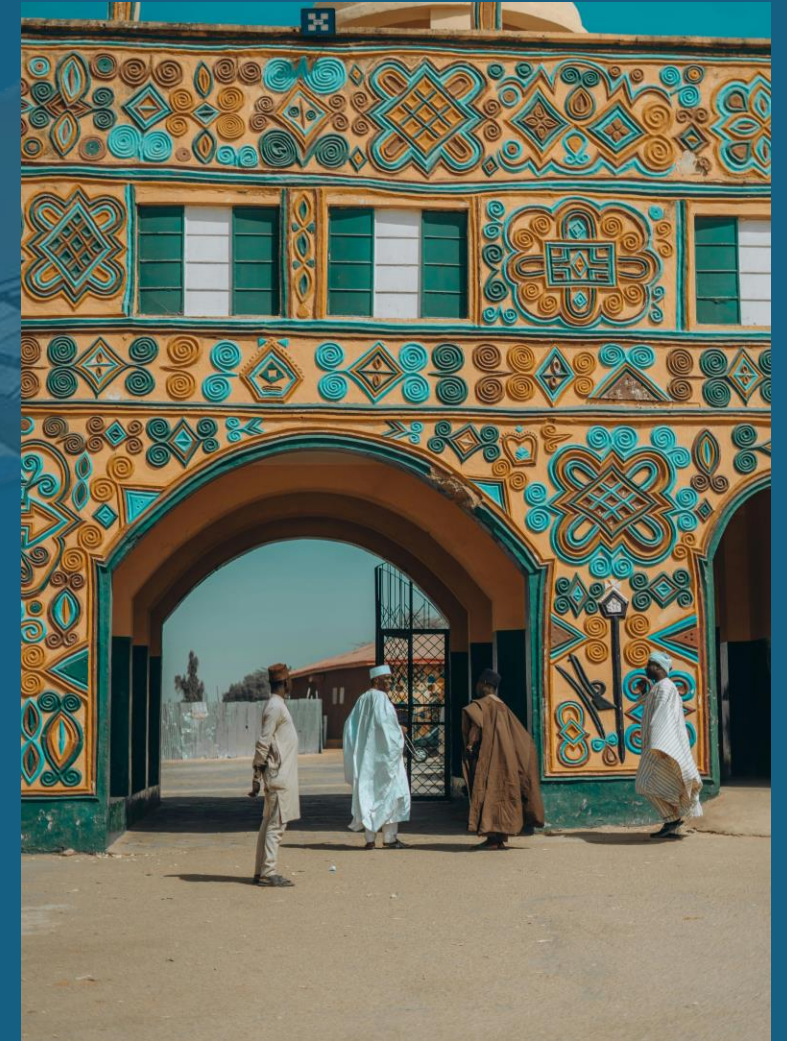
- National and regional workshops
- Engagement with ministries, regulators, and private sector
- Advocacy for harmonized mapping approaches
- Sharing regional & global best practices
- Building stakeholder buy-in for mapping adoption

Three Pillars of Policy Work

The Africa-BB-Maps policy component rests on three interconnected pillars that guide all country interventions.

1. Conduct Baseline Assessment & Needs Analysis – Targeted review of the broadband mapping ecosystem to identify gaps and fine-tune approaches.
2. Provide Targeted Recommendations – Strengthen legal and regulatory frameworks and optimize technical systems.
3. Policy Dialogue & Awareness – Build understanding, stakeholder alignment, and regional harmonization.

Expected Policy Outcomes for Nigeria

Through these actions, Africa-BB-Maps aims to help Nigeria strengthen its policy and regulatory framework for broadband mapping — enabling evidence-based decisions, better investment planning, faster connectivity roll-out, and improved service transparency. This benefits government decision-makers, operators, investors, and ultimately Nigerian citizens.

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

Data sources for decision-making

1. Policy analysis work can rely on multiple pillars:
2. The survey filled by Nigeria for the Africa-BB-Maps project
3. Official ITU Statistics (ITU Datahub)
4. The ITU ICT Regulatory Tracker
5. And the ITU G5 Benchmark

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

Q&A and Discussion for Session 2 (second part)

Estimated end time: 17:30

RECAP: Recap of Day 1 and Objectives of Day 2