**Review our Expected Standards of Behavior when participating in ICANN Meetings.**

Go to:
http://go.icann.org/expected-standards

**Review the ICANN Community Anti-Harassment Policy when participating in ICANN Meetings.**

Go to:
http://go.icann.org/anti-harassment

**Do you have a question or concern for the ICANN Ombudsman?**

Email ombudsman@icann.org to set up a meeting.

ICANN

# GAC African Engagement

# ICANN80
# GAC African Engagement

Tuesday, 11 June 2024
15:30-17:00 (local time)

ICANN | **GAC**
Governmental Advisory Committee

80 POLICY FORUM

# Session Overview and Agenda

1. **Welcome**

2. ****

   - Thelma Quaye, Smart Africa

3. **Coalition for Digital Africa Efforts**

   - Presentation on Coalition for Digital Africa
   - 2023 Africa Domain Name Industry Report

4. **Smart Africa Internet Governance Project**

5. **Recap of Global Recommendations and Closing Remarks**

The Coalition is an alliance of global and regional organizations united in their commitment to **expand access to the Internet** in Africa and **support the development of Africa's digital economy**.

By **working together** as a Coalition, participants will be able to achieve **greater results and impact**.

# Coalition for Digital Africa Efforts

## Areas of Focus

- **A robust DNS Infrastructure in Africa**
  Securing the stability of the Domain Name System (DNS), thereby strengthening the Internet infrastructure in Africa and enhancing its security and resiliency.

- **Meaningful Connectivity**
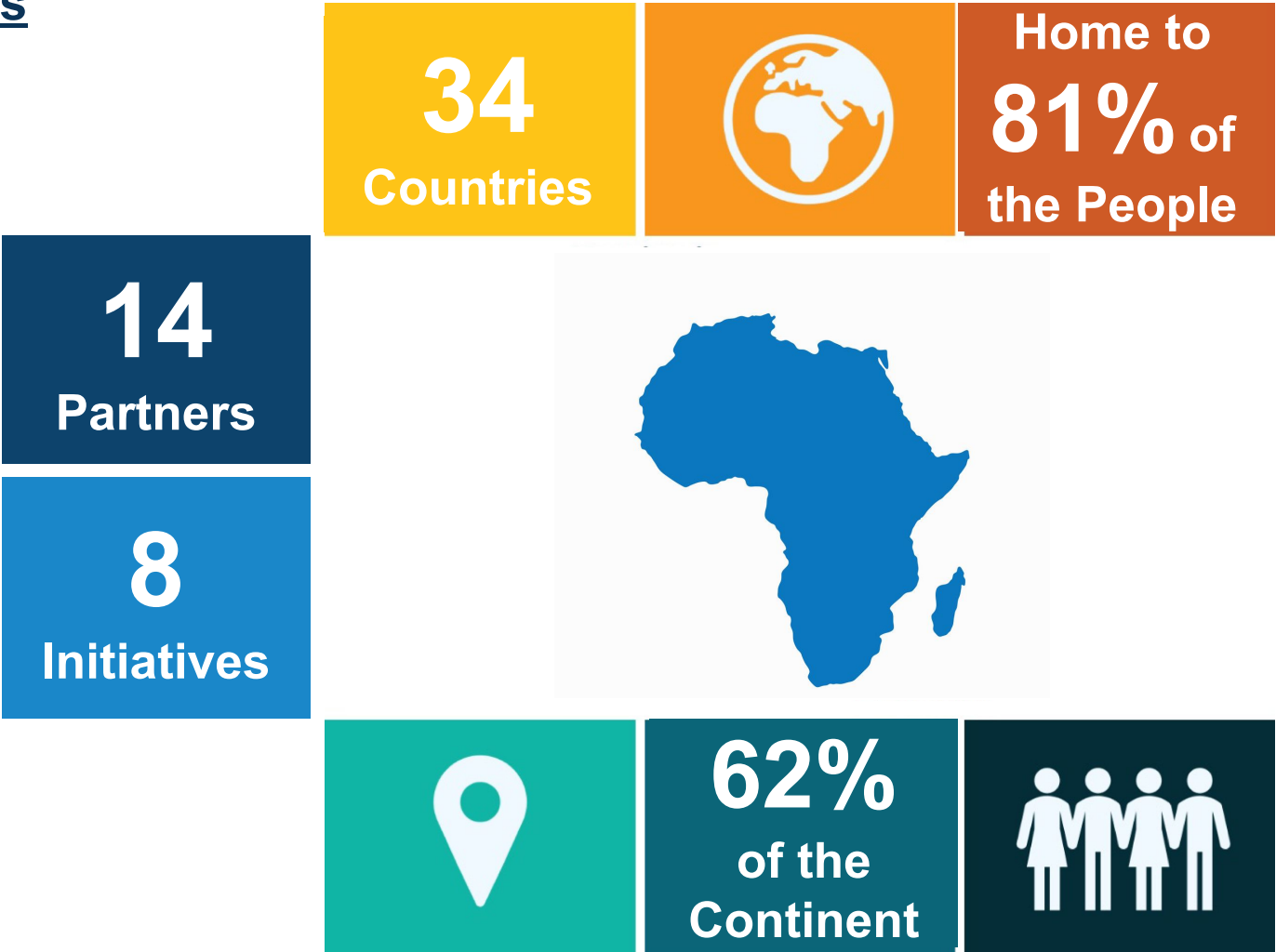  Fostering multilingualism and encouraging local content development in Africa.

- **Capacity Development**
  Equipping Africa's workforce with the skills and knowledge necessary to participate in the multistakeholder model of Internet governance.

# Coalition for Digital Africa Efforts

## Highlights

**34** Countries

Home to **81%** of the People

**14** Partners

**8** Initiatives

**62%** of the Continent

# Coalition for Digital Africa Efforts

## Coalition Partners

**AAU** - Association of African Universities

**AFNIC** - Association Française pour le Nommage Internet en Coopération

**AFNOG** - Africa Network Operators Group

**AfricaCERT** - Africa Computer Emergency Response Team

**AfTLD** - Africa Top Level Domain

**ATU** - African Telecommunications Union

**CTO** - Commonwealth Telecommunications Organisation

**ICANN** - Internet Corporation for Assigned Names and Numbers

**ITU** - International Telecommunication Union

**ISOC** - Internet Society

Lawyers Hub

**LusNic** - Associação de ccTLDs de língua portuguesa

**NSRC** - Network Startup Resource Center

**Smart Africa**

# Coalition for Digital Africa Efforts

## Key Achievements

- **Expansion of ICANN Managed Root Server (IMRS) infrastructure:** Two IMRS Installations (Nairobi, Kenya and Cairo, Egypt)

  - Internet users in Africa now have more resilient and stable access to DNS Root Zone services, with 80% Africa-based Internet DNS root queries to the IMRS resolved in the region.

- **Expansion of TLD Performance Monitoring:** Two new probe nodes for ICANN's Service Level Agreement Monitoring system (Lagos, Nigeria and Nairobi, Kenya).

- **Publication of the 2023 Africa Domain Name Industry Study**

- **DNS Security Extensions (DNSSEC) deployment in Botswana (.BW)**

# Coalition for Digital Africa Efforts

## Initiatives in Progress

- **IMRS Infrastructure:** Expansion of IMRS single instances

- **ccTLD Registry Capacity Development**: Pilot project providing support and training to ten African ccTLD registries.

- **DNSSEC Roadshows**: Supporting DNSSEC deployment in six countries

- **Universal Acceptance in Higher Education Institutions**

- **IXP Development**

- **Internet Governance Capacity Development for Governments and Lawmakers**

## Coalition for Digital Africa Efforts: 2023 Africa Domain Name Industry Report

### About the Study

- Commissioned by ICANN and conducted by PowerSoft Africa

- Covers all 54 countries in ICANN's Africa region

- Goals:
  - Highlight the strengths and opportunities for Africa's DNS industry, and

  - Establish a Trial Observatory for ongoing monitoring of its status and growth.

# Coalition for Digital Africa Efforts: <u>2023 Africa Domain Name Industry Report</u>

## <u>Highlights</u>

- Projected average annual **growth in the number of domain names across the continent of 12.4%**, suggesting significant opportunities for local providers in individual countries.

- **Over 1.1 million km of terrestrial and submarine fiber cables** interconnect the continent, enhancing cross-border communication and internet access.

- High internet access costs continue to limit widespread usage, with the average African spending about **4% of their monthly income on 1 GB of data - twice the global affordability target**.

- As of November 2023, over **4.33 million domains registered under African ccTLDs**, with an additional **1.4 million gTLD registrations f**rom African entities.

- A significant **concentration of web content and domain hosting remains** within only a few countries, underscoring the need for more localized Internet services.

# Coalition for Digital Africa Efforts: <u>2023 Africa Domain Name Industry Report</u>

**01** **Strengthen Regional Infrastructure**

Encourage the development of local Internet Exchange Points and data centers to reduce Internet costs and improve local Internet quality, driving the demand for local domain registrations

**02** **Internet Service Demand**

Local online activity fuels DNS industry growth and Internet use. Effective business and marketing strategies, supported by sound regulations, are vital. Cooperation with policymakers can broader online service offerings.

**03** **Policy and Regulatory Enhancements**

Advocating for policies that reduce Internet access costs and support digital inclusivity is essential for sustaining DIS industry growth.

**04** **Promote Local Content in African Languages**

Government and private sector initiatives could stimulate local DNS demand by creating and hosting more content in regional languages.

# Thank You and Questions

## More information and latest updates at
## www.coalitionfordigitalafrica.africa

@codigiaf

facebook.com/CoDigiAf

linkedin/company/coalition-for-digital-africa

instagram.com/codigiaf

Coalition for
Digital Africa

# Smart Africa : Presentation on internet governance project focus on the Blueprint

# Smart Africa Internet Governance Project

| | |
|---|---|
| **01** | **Smart AFRICA Presentation** |
| **02** | SaS Internet Governance Project Overview |
| **03** | Stakeholders mapping |
| **04** | Proposed action plan includes activities, training, Working sessions, etc.. |
| **05** | Blueprint ToRs and implementation |

# Smart Africa Internet Governance Project

## The New Story of Africa

6 of the 10 fastest growing economies are in Africa

5 of the top 10 reformers on the World Bank Ease of Doing Business index are in Africa

A young, fast growing, urbanizing population with big unmet needs:
- In 2022, Africa had a Market size of 1.4B PEOPLE, expecting to be 2.5B PEOPLE in 2050

Untapped resource wealth and new innovations to unleash it:
- Tech start-ups across the continent received $4,77 billion of investments in 2021, with the emergence of at least 5 new tech-unicorns

Rapid adoption of digital and mobile technologies, creating a leapfrog opportunity:
- 601 Millions Internet users in Africa in Dec. 2021, with 43.1% penetration rate
- Africa is the world leader in mobile money

**Source:** McKinsey Company - AFRICA'S BUSINESS REVOLUTION, Rethinking the story of business in Africa, and GSMA

21

80 POLICY FORUM
ICANN

# Smart Africa Internet Governance Project

> *Smart Africa aims at unlocking Africa's potential through a Single Digital Market...*

**Vision:**
..To Transform Africa into a Single Digital Market by 2030..

**Mission:**
..To drive Africa's digital transformation agenda through a *bold and innovative multi-stakeholder approach*..

22

# Smart Africa Internet Governance Project

> ## *A vision that led to the creation of Smart Africa Alliance*

**The Smart Africa Manifesto**

*Endorsed by Heads of State and Government in Kigali on 29<sup>th</sup> October 2013*

## Smart Africa Manifesto
### Principles

1. To put ICT at the center of national socio-economic development agenda
2. To improve access to ICT especially Broadband
3. To improve accountability, efficiency and openness through ICT
4. To put the Private Sector First
5. To leverage ICT to promote sustainable development

*Endorsed by the AU in January 2014*

# Smart Africa Internet Governance Project

> ## *The Alliance has grown to 39 member countries representing over 1.1 Billion people*

*Ongoing efforts are underway to attract more member countries into the Smart Africa Alliance.*

## MEMBER STATES

| | | |
|---|---|---|
| 1. Algeria | 16. Ghana | 31. Senegal |
| 2. Angola | 17. Guinea | 32. South Africa |
| 3. Benin | 18. The Gambia | 33. South Sudan |
| 4. Burkina Faso | 19. Kenya | 34. Sudan |
| 5. Burundi | 20. Kingdom of Eswatini | 35. Togo |
| 6. Cameroon | 21. Madagascar | 36. Tunisia |
| 7. Cape Verde | 22. Malawi | 37. Uganda |
| 8. Chad | 23. Mali | 38. Zambia |
| 9. Comoros | 24. Mauritania | 39. Zimbabwe |
| 10. Congo | 25. Morocco | |
| 11. DR Congo | 26. Niger | |
| 12. Côte d'Ivoire | 27. Nigeria | |
| 13. Djibouti | 28. Rwanda | |
| 14. Egypt | 29. Sao Tome & Principe | |
| 15. Gabon | 30. Sierra Leone | |

24

# Smart Africa Internet Governance Project



> *And equally, Partners & Private Sector Members*

# Smart Africa Internet Governance Project

01    Smart AFRICA Presentation

**02    SaS Internet Governance Project Overview**

03    Stakeholders mapping

04    Proposed action for Blue Print

05    Questions

# Smart Africa Internet Governance Project

Smart Africa Internet Governance Project
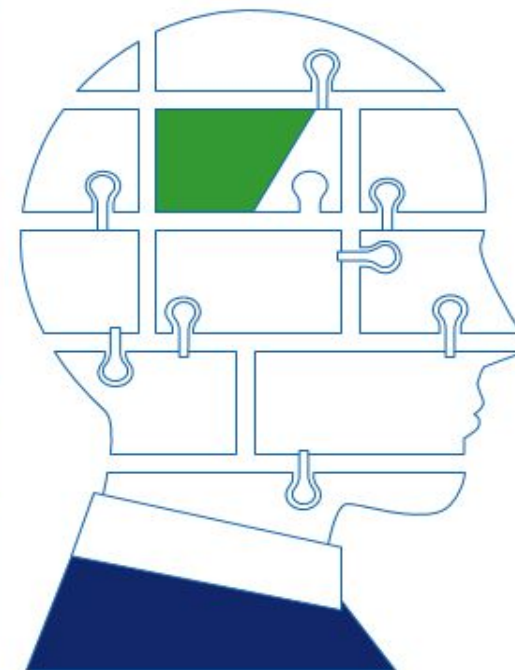
## Challenges, When and Why ?

**Some Challenges :**

(1) Lack of clearly defined regulation (2) lack of government commitment (3) Internet or social media showing down due to political instability, (4) The sovereign management of IP management (5) content regulation, and (6) the low representation of Africans in governing bodies.

**Flagship Country: Burkina Faso in 2020**

Why Internet Governance project in Smart Africa ?

- To contribute to addressing the current challenges related to internet governance in Africa.
- To propose solutions through collective intelligence involving all stakeholders on the continent, through a holistic vision.

# Smart Africa Internet Governance Project

## Smart Africa IG Objectives

**AFRICAN REPRESENTATION**
Improve and increase African representation in the global Internet governance decision-making process while maximizing the socio-economic benefits of the continent's digital transformation.

**REGULATION AND POLICIES**
Enhance the implementation of regional and continental Internet governance policies and regulations to ensure stability, security, and fairness in the African digital space.

**COLLABORATION AND CYBERDIPLOMACY**
Promote collaboration mechanisms among Internet governance actors to enhance coordinated efforts and effective policy implementation in the realm of cyberdiplomacy.

**INFRASTRUCTURE SOVEREIGNTY**
Advocate for sovereign management of IP addresses to safeguard digital sovereignty, promote local innovation, and stimulate economic development through ISPs and other domain name managers

**AWARENESS AND CAPACITY BUILDING**
Establish a professional body on Internet governance in Africa to provide expertise, guidance, and coordination for effective policy development and implementation and engaging local stakeholders

### Vision :

Establish a robust and inclusive framework for internet governance in Africa, fostering collaboration among regional organizations, governments, and civil societies to address challenges and promote equitable representation and sustainable development in the digital era.

80 POLICY FORUM
ICANN

# Smart Africa Internet Governance Project



01  Smart AFRICA Presentation

02  SaS Internet Governance Project Overview

03  **Stakeholders mapping**

04  Proposed action for Blue Print

05  Questions

# Smart Africa Internet Governance Project

## Stakeholders mapping : Overview

**Regional and Continentals Organizations**

**Countries – Governments**

**Local organizations including Civil Societies technical communities, universities**

- Provide frameworks and guidelines for internet governance practices within their respective regions.
- Facilitate collaboration and coordination among member countries.
- Contribute to the development of regional policies and regulations regarding internet governance.

- Establish national policies and regulations governing internet usage and governance.
- Implement measures to ensure compliance with regional and international standards.
- Collaborate with regional and continental organizations to address internet governance challenges collectively.

- Advocate for internet governance policies that uphold the rights and interests of local communities.
- Monitor government actions and policies related to internet governance.
- Engage in public awareness campaigns and educational initiatives to promote digital literacy and awareness of internet governance issues.

# Smart Africa Internet Governance Project

ICANN | GAC

# Smart Africa Internet Governance Project

**Actions already established to date.**

Project Validation with first concept note : 2020

Tentative Stakeholders mapping
for Working Group: 2021

Collaboration ICANN,
ISOC and PCH

Internet Society    ICANN    smart africa

# Smart Africa Internet Governance Project

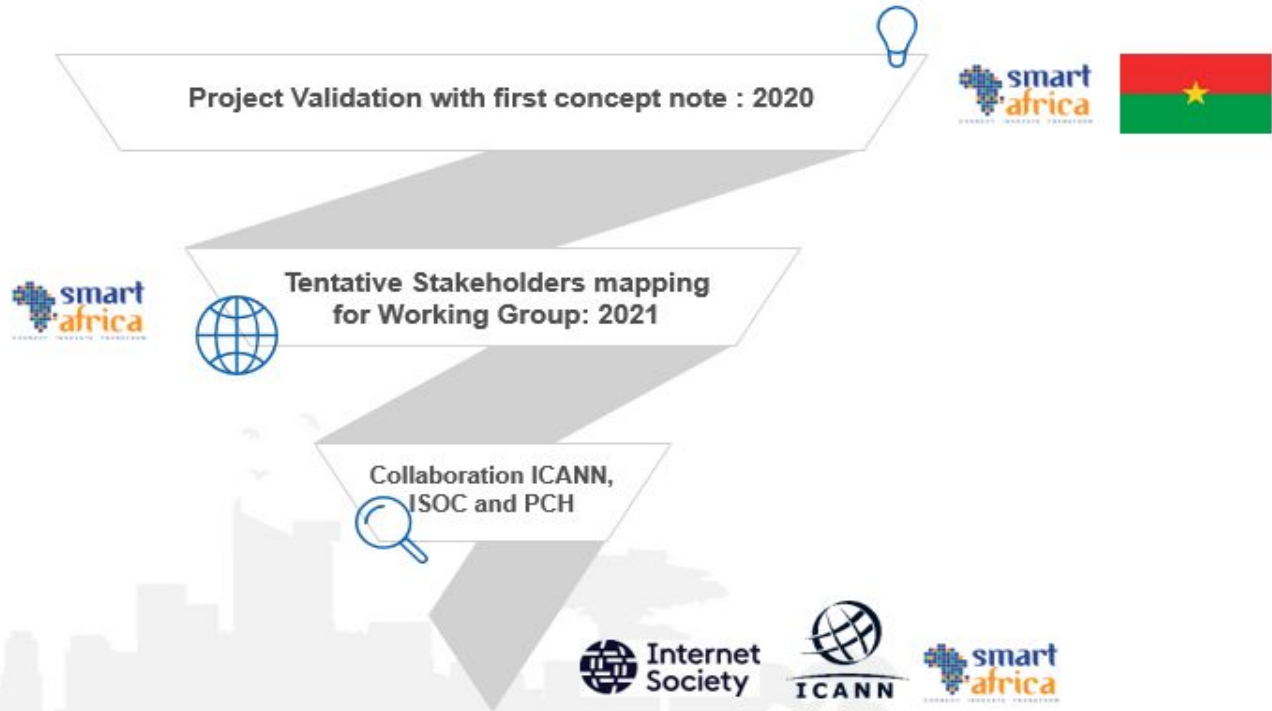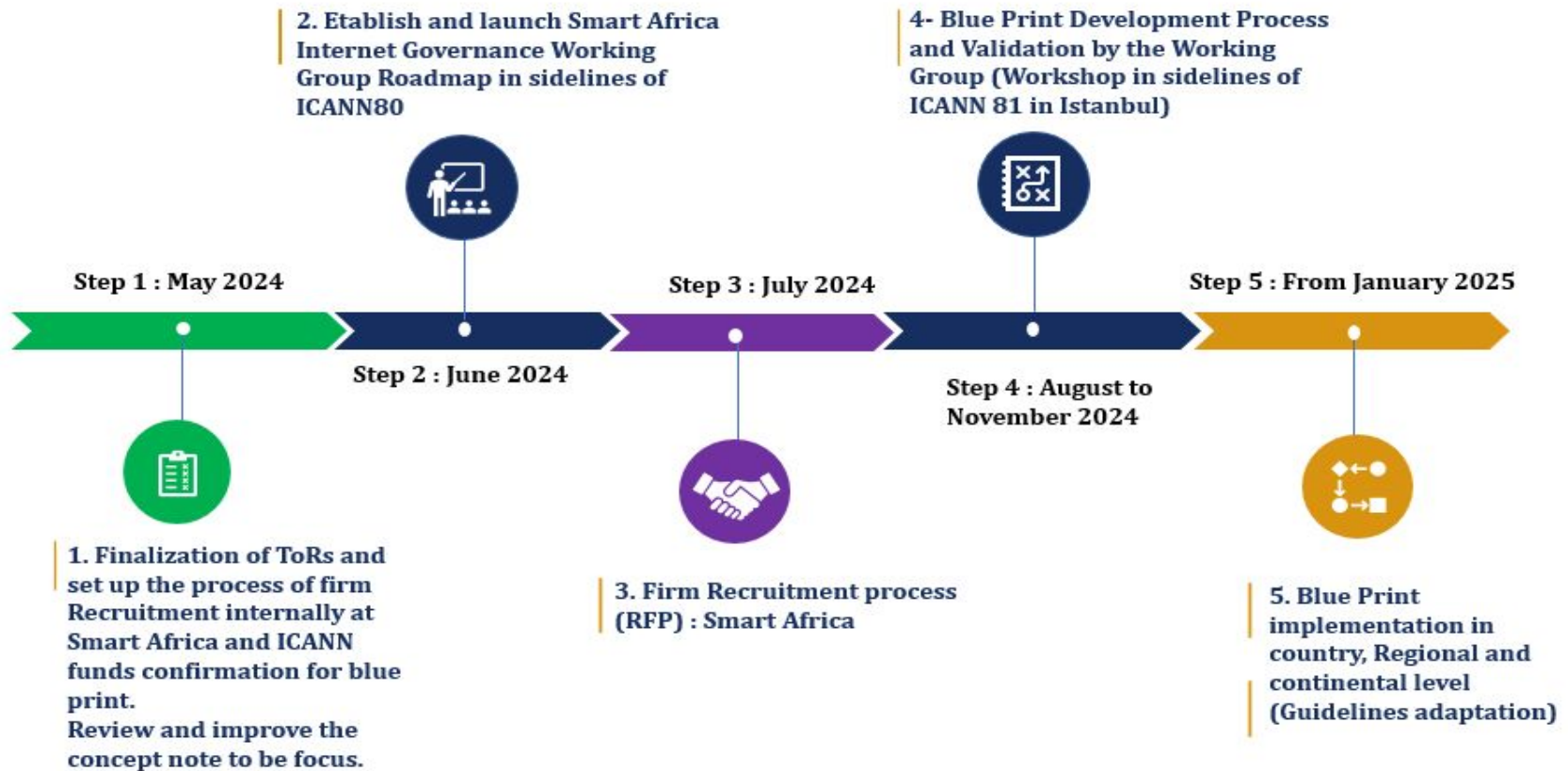| | |
|---|---|
| 01 | Smart AFRICA Presentation |
| 02 | SaS Internet Governance Project Overview |
| 03 | Stakeholders mapping |
| 04 | **Proposed action for Blue Print** |
| 05 | Questions |

# Smart Africa Internet Governance Project

## Blue print realization in collaboration with ICANN.

**2. Etablish and launch Smart Africa Internet Governance Working Group Roadmap in sidelines of ICANN80**

**4- Blue Print Development Process and Validation by the Working Group (Workshop in sidelines of ICANN 81 in Istanbul)**

**Step 1 : May 2024**

**Step 2 : June 2024**

**Step 3 : July 2024**

**Step 4 : August to November 2024**

**Step 5 : From January 2025**

**1. Finalization of ToRs and set up the process of firm Recruitment internally at Smart Africa and ICANN funds confirmation for blue print.**
**Review and improve the concept note to be focus.**

**3. Firm Recruitment process (RFP) : Smart Africa**

**5. Blue Print implementation in country, Regional and continental level (Guidelines adaptation)**

34

# Recap of Global Recommendations and Closing Remarks

- Mr Djibril DEME, Project Manager – Digital Infrastructure Research at Smart Africa

# Thank you!