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.
ICANN80
GAC African Engagement

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

- 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 from 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: 2023 Africa Domain Name Industry Report |
|---------------------------------|------------------------------------------------------------------------------------------------|
| **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 broaden 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
Smart Africa : Presentation on internet governance project focus on the Blueprint
| 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 |
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
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.
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 29th 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
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  
2. Angola  
3. Benin  
4. Burkina Faso  
5. Burundi  
6. Cameroon  
7. Cape Verde  
8. Chad  
9. Comoros  
10. Congo  
11. DR Congo  
12. Côte d’Ivoire  
13. Djibouti  
14. Egypt  
15. Gabon  
16. Ghana  
17. Guinea  
18. The Gambia  
19. Kenya  
20. Kingdom of Eswatini  
21. Madagascar  
22. Malawi  
23. Mali  
24. Mauritania  
25. Morocco  
26. Niger  
27. Nigeria  
28. Rwanda  
29. Sao Tome & Principe  
30. Sierra Leone  
31. Senegal  
32. South Africa  
33. South Sudan  
34. Sudan  
35. Togo  
36. Tunisia  
37. Uganda  
38. Zambia  
39. Zimbabwe
Introduction and Presentation on the project

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
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.
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
Stakeholders mapping: Overview

- 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

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

Actions already established to date.

- Project Validation with first concept note: 2020
- Tentative Stakeholders mapping for Working Group: 2021
- Collaboration ICANN, ISOC and PCH
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.

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.

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

3. Firm Recruitment process (RFP) : Smart Africa

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

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

Step 1 : May 2024
Step 2 : June 2024
Step 3 : July 2024
Step 4 : August to November 2024
Step 5 : From January 2025
Recap of Global Recommendations and Closing Remarks

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