Center for African Studies
HSE University

E-Governance Knowledge Sharing Program

The e-Governance Knowledge Sharing Program

Knowledge Sharing for enhancing governments capabilities

About E-Governance Knowledge Sharing Program

In 2022 HSE University launched the **e-Governance Knowledge Sharing Program**, aimed at sharing the experience of developing and implementing e-Governance solutions between Russian and African institutions.

The Program is supported by the Russian Government and several public and private institutions.

The **e-Governance Knowledge Hub** for Africa was launched under the Program to publish countries' profiles, challenges and relevant solutions from various fields of e-governance.

Among the field of knowledge-sharing are digital transformation of public administration, its theoretical aspect, regulations, technologies & platforms, international rankings, trends, etc.

Major Partner of the Program The United Nations Economic Commission for Africa (UNECA)

The Winter E-Governance Knowledge Sharing Week for African officials was organized in Moscow in December 2023. The week-long event welcomed 44 representatives from 23 African countries, as well as representatives of international and regional organizations to share their experience.

Program objectives

The Programme's **vision** is that empowering and enhancing the capabilities of sovereign government institutions across Africa is essential for achieving development goals, including digital transformation. It is also anticipated that governments will play a more proactive and impactful role in this transformation.

Contributing to Africa's sustainable development and digital transformation in accordance with Agenda 2063 and the Digital Transformation Strategy for Africa 2020–2030

Strengthening the digital sovereignty of African Governments

Supporting dissemination of best practices and improving systems of public administration

Promoting bilateral as well as multilateral cooperation between Russia and African countries

E-Governance for Africa provides:

✓ Transparency & efficiency within the public sector, increased revenues and cost efficiency

✓ Increased citizen participation & inclusivity, bridging the gap between government and citizens

✓ Improved data collection and processing allowing better strategic planning

Stakeholders and their opportunities

- **Government Agencies and Organizations** — advertise their achievements via `country profiles`, and improve their performance in the global rankings by disclosing more information. — enhance their human capacities via knowledge sharing for the seniors and training programs for their junior and future staff. — source for the professional expertise in developing their roadmaps, scope of works, regulation, terms of reference, and requirements.

- **Citizens** — improve the quality of the government services via open exchange of the information on their performance

- **Experts and their organizations/ communities** — actively participate in reviving and improving country profiles and challenges/ solutions register. Contribute to the Yearbook on e-Governance

- **Universities and Academies** — partner the program in developing the architecture of the relevant educational programs (advanced training programs, MA, etc.)

- **Software developers and solution providers** — make their best solutions and ideas better known to the market via participating in Challenges/ Solutions workshops

- **Software integrators and local content companies across Africa** — learn more about availability of the solutions, such as regulation templates and open source software. — advertise and multiply their best solutions across the continent.

- **International Organizations (UNECA, AU, ITU)** — synergy with their programs and development goals

■ e-Governance Sharing Program key stakeholders across Africa
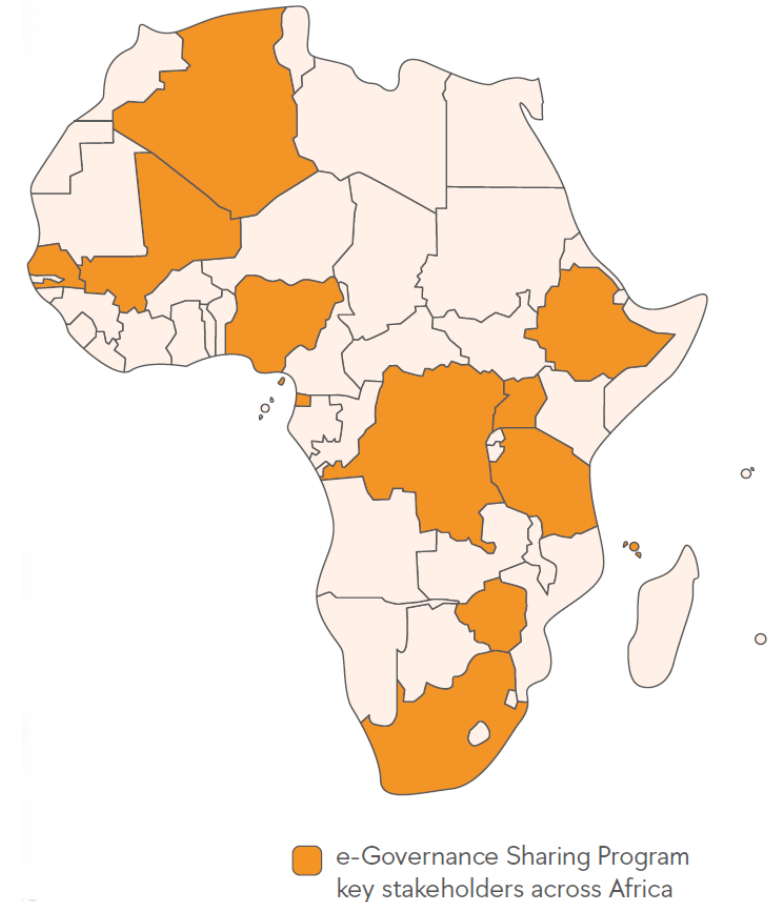
e-Governance Knowledge Sharing Hub

An online resource providing up-to-date IT profiles of African countries, as well as registers of problems and solutions, and other analytical reports and related news.

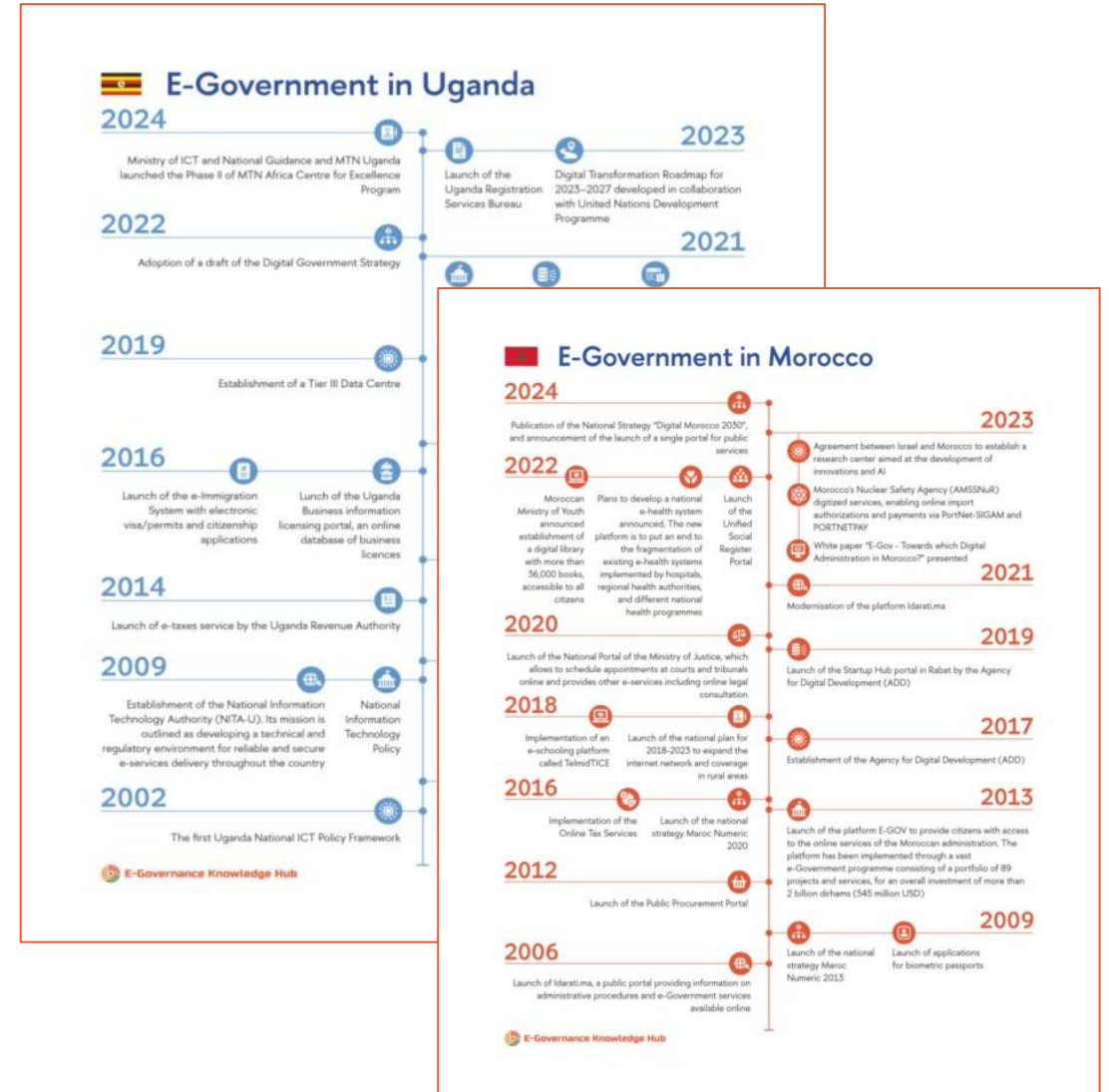## Identified challenges and opportunities

✕ Lack of funding for e-Governance projects

✕ Dependency on multiple software vendors and imported solutions

✕ Data stored abroad

✕ Lack of incentives for using available platforms both for the agencies and citizens

✕ Services of different agencies are developing without proper integration. Lack of interaction and data sharing

✕ Underestimation of developing countries in the global rankings

✓ Rapid introduction of digital IDs

✓ Digitalization of tax services and revenue increase

✓ Introduction of AI into e-Governance solutions

✓ IoT for disaster management & climate change control

✓ Raise of citizen awareness on the use of digital public services

The most comprehensive reports, recently updated

The following countries' e-gov profiles have been recently updated:

Algeria

Benin

Burkina Faso

Ethiopia

Kenya

Uganda

Morocco

Republic of the Congo

Rwanda

South Africa

Tanzania

Zambia

Key features of the reports

Reports are supported by statistics and infographics describing the peculiarities of e-government systems in African countries, their achievements and challenges


International internet bandwidth between Africa and metropolitan areas
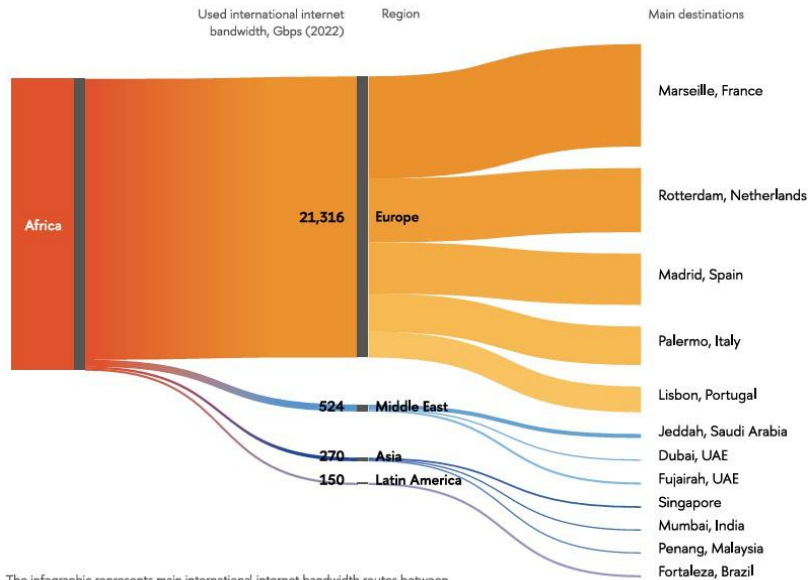
The infographic represents main international internet bandwidth routes between Africa and metropolitan areas, with the routes bandwidth capacity in Gigabits per second (Gbps).

Source: prepared by the HSE Center for African Studies based on TeleGeography data.

E-Government of Côte d'Ivoire
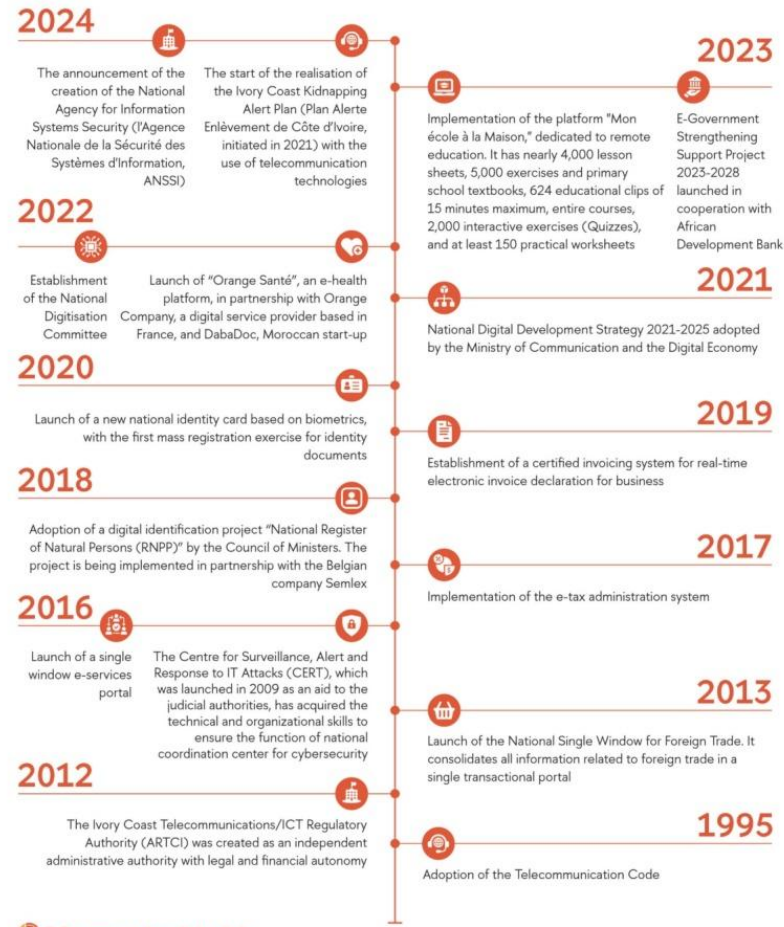
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English timelines

The timelines illustrate the chronological process of e-governance development in African countries

Digital Transformation Strategies

Based on the analysis of the national strategies, the most emphasized areas of development include:

- Digital Infrastructure
- Digital Governance
- Digital Economy
- Cybersecurity and Data Protection
- ICT Skills and Human Resources
- Internet Accessibility and Device Availability

African Union	A Digitally Transformed Continent for Prosperity and Inclusuvity					
Cross Cutting Themes	Digital Content & Applications	Digital ID	Emerging Technologies	Cyber Security, Privacy & Personal Data Protection	Research & Development	
Critical Sectors to Drive Digital Transformation	Digital Industry	Digital Trade & Financial Services	Digital Governance	Digital Education	Digital Health	Digital Agriculture
Foundation Pillars	Enabling Environment, Policy and Regulations	Digital Infrasrtructure	Digital Skills & Human Capacity	Digital Innovation & Entrepreneurship		

Digital/e-Governance Strategies of African countries

- No relevant strategy
- Drafted/ Planned
- Developed
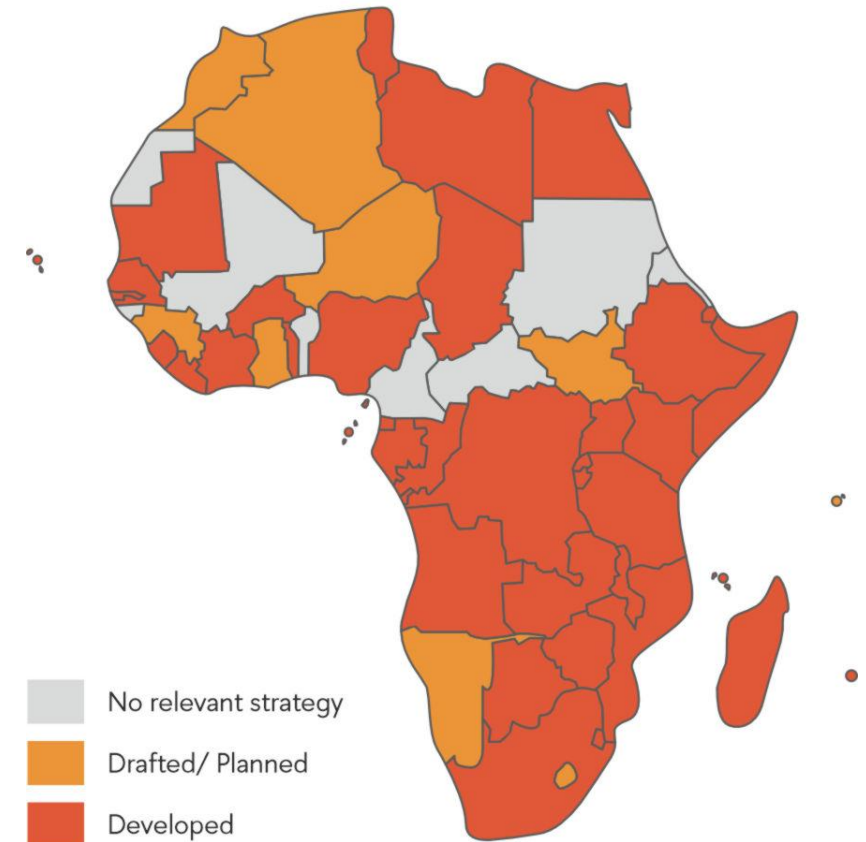
Source: Prepared by the HSE Center for African Studies.

Yearbooks on e-Governance

«E-Governance in Africa 2024: Opportunities and Challenges» (2023)

"We need to congratulate Russia for doing such a tremendous job — the book is addressed directly to African officials"

Moctar Seck, *Head of Innovation and Technology Sector of UNECA*
reviewer of the handbook

«E-Governance in Africa 2025: Balancing Digitalisation and Self-Reliance» (second edition, 2024)

10 chapters
43 country timelines
55 pages infographic
153 illustrations

Key issues:
- Strategies and regulatory frameworks in the filed of e-Governance;
- Cybersecurity;
- International cooperation in telecommunications;
- Integration and Interoperability;
- AI for digital transformation;
- Smart City and Internet of Things technologies;
- Language Policy in E-Governance

Country profiles

- Mapping progress through a multidimensional lens — technical, social, and economic
- Targeted research of each e-governance aspect (identification, e-taxes, G2B, G2C, etc.)
- Analytics shaped by country priorities
- Shared vision for digital governance through the critical engagement and contributions of African officials

Opportunities for cooperation:

✓ **Performance-Based E-Governance Ratings**
Co-creating e-governance ratings that reflect how public platforms truly perform and shows a neutral unbiased picture of the B2G IT sector of the country

✓ **Database of Successful Solutions**
Maintaining a repository of effective e-governance solutions, serving as a resource for adaptation and implementation across African nations

Challenges & Solutions

- Standards & frameworks
- Infrastructure & connectivity
- Funding
- Social impact
- Sectoral services

Opportunities for cooperation:

✓ **Database of Successful Solutions**
Maintaining a repository of effective e-governance solutions, serving as a resource for adaptation and implementation across African nations

✓ **Facilitating Cross-Continental Collaboration**
Exchange of experience in developing and implementing e-governance solutions between Russian and African institutions
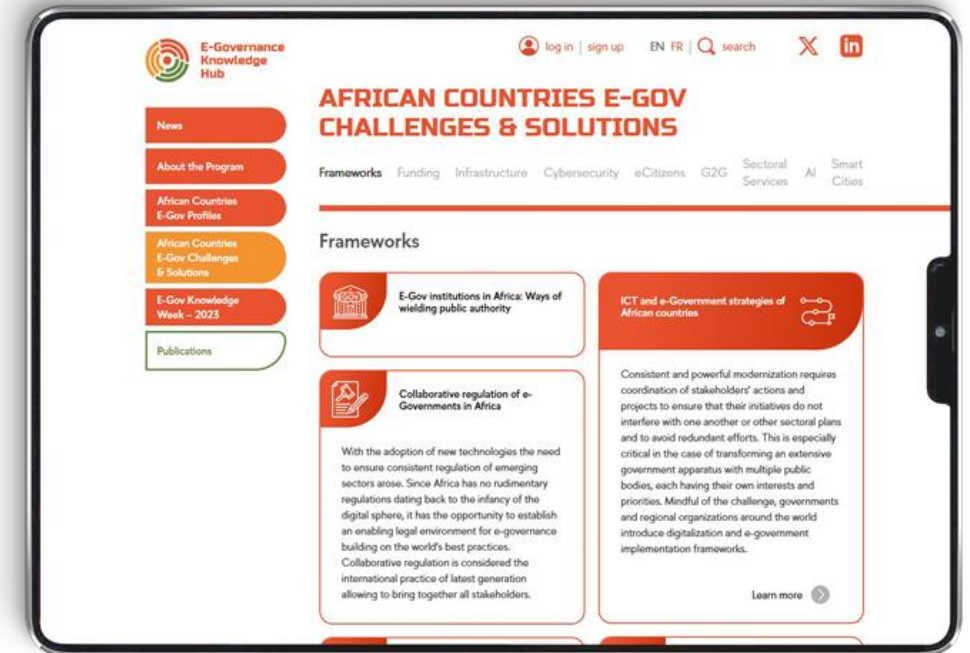
e-governance@hse.ru

Office 110, 47/7 Bolshaya Ordynka St, Building
2, Moscow, 115184