United Nations | Department of Economic and Social Affairs

MInT
የኢኖቬሽንና ቴክኖሎጂ ሚኒስቴር

INTERNATIONAL CONFERENCE ON DATA AND DIGITAL GOVERNANCE 2024

19 – 22 October 2024
Shanghai and Deqing

Abiyot Bayou (PhD)
Senior Advisor to the Minister,
Ethiopian Ministry of Innovation and Technology
Ethiopia

United Nations | Department of Economic and Social Affairs

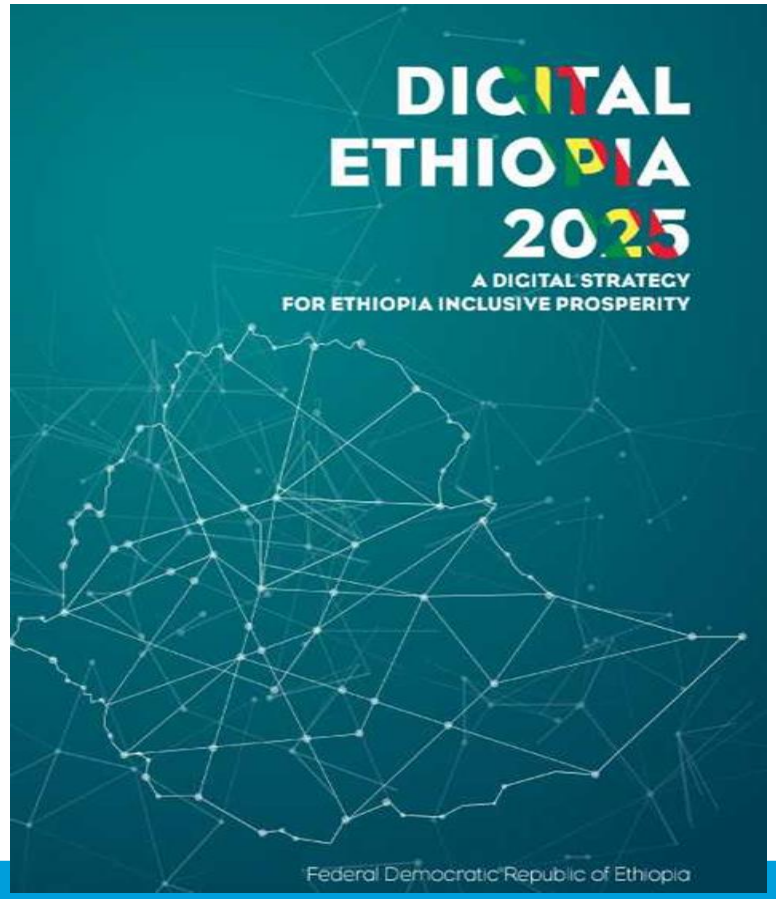
Background

- Population = 120 million
- 1,112,000 square kilometres (472,000 sq. miles)
- Arable land = 34%
- 12 river basins with an annual runoff volume of 122 billion m^3 of water and an estimated 2.6–6.5 billion m^3 of ground water potential.

United Nations | Department of Economic and Social Affairs

የኢንፎርሜሽንና ቴክኖሎጂ ሚኒስቴር

Lessons learned - in implementing data/digital transformation strategy



- **Expanding digital government platforms**
  - e-Services, mobile government, infrastructure, facilities
- **Developing governance structure, standards, frameworks and human capacity**
  - Policies, strategies, directives, skill development

United Nations | Department of Economic and Social Affairs

MInT
የኢንፎርሜሽንና ቴክኖሎጂ ሚኒስቴር

Lessons learned - in implementing data/digital transformation strategy…

Major Legal instruments

- Freedom of the Mass Media and Access to Information Proclamation No.590/2008
- E-Transaction Proclamation
- Computer Crime proclamation
- Digital Signature Proclamation
- Digital Identity Proclamation
- **Government Secret Information Classification and Protection Regulation No 539/2023**
- Personal data Protection Proclamation
- ACFTA Digital Trade Protocol
- Annexes to the Digital Trade Protocol

Policies and Frameworks

- Digital Ethiopia 2025
- STI Policy
- National ICT Policy (2018
- E-Government Strategy (2020) under revision
- Ethiopian Enterprise Architecture & eGovernment Interoperability Framework
- Ethiopian National Data Set Master Plan
- Content Digitization standard
- Ethiopian Open Data Policy
- Digital Payment inclusions policy
- E-commerce Strategy

United Nations | Department of Economic and Social Affairs

Challenges

- **Governance and Capacity**
  - Lack of understanding on legal and regulatory frameworks
  - Bureaucratic resistance and lack of coordination
  - Limited capacity and skills gap
  - Limited financial resources
- **Infrastructure and Access**
  - Low internet penetration
  - Inadequate ICT infrastructure
  - Digital literacy
- **Other Challenges**
  - Language barriers
  - Awareness and trust

United Nations | Department of Economic and Social Affairs

MInT
የኢኖቬሽንና ቴክኖሎጂ ሚኒስቴር

Recommendation

- **Strengthen Capacity Development**
  - Trainings (public leaders, professionals)
  - Facilitate experience sharing platforms

- **Creating Collaborative Research**
  - On data governance instruments (tools, directive templates, …)
  - Model Developments

United Nations | Department of Economic and Social Affairs

شكرا

谢谢

Thank You

Merci

Спасибо

Gracias