

Aligning DTCs with Digital Ethiopia2025

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Ethiopian Digital Economy Potential and Landscape

DIGITAL ETHIOPIA 2025

A DIGITAL STRATEGY
FOR ETHIOPIA INCLUSIVE PROSPERITY

Population
112 Million

Youth
Population
(15-29)
25 Million

Urban
Population
21 million

University and
Tvet Graduate
>300,000

High Potential & Growing Infrastructure

Percentage of
individuals using
the Internet

29.83%

Mobile Users

58.54 Million

Mobile
Population
coverage
97%

Mobile
Coverage 3G
network
85%

Digital Ethiopia is Focusing on Developing the Digital Foundations



Telecom
Electric Power

Infrastructure

01 መስረተ ልማት

- Telecom Reform
- Upgrade and Modernization Government Backbone
- Improving e-Commerce Logistics



Digital ID
Digital Payment
Cyber Security

Enabling Systems

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- Digital ID
- Digital Payment
- National Cyber Security



E-Government
E-Commerce

Digital Interaction Platforms

03 የዲጂታል ግንኙነት ፕላትፎርሞች

- Building User-centric Portals &
- Transaction enabled e-Government Systems
- Facilitate Digital Businesses



Finance
People
Policy and Legal & regulatory Framework

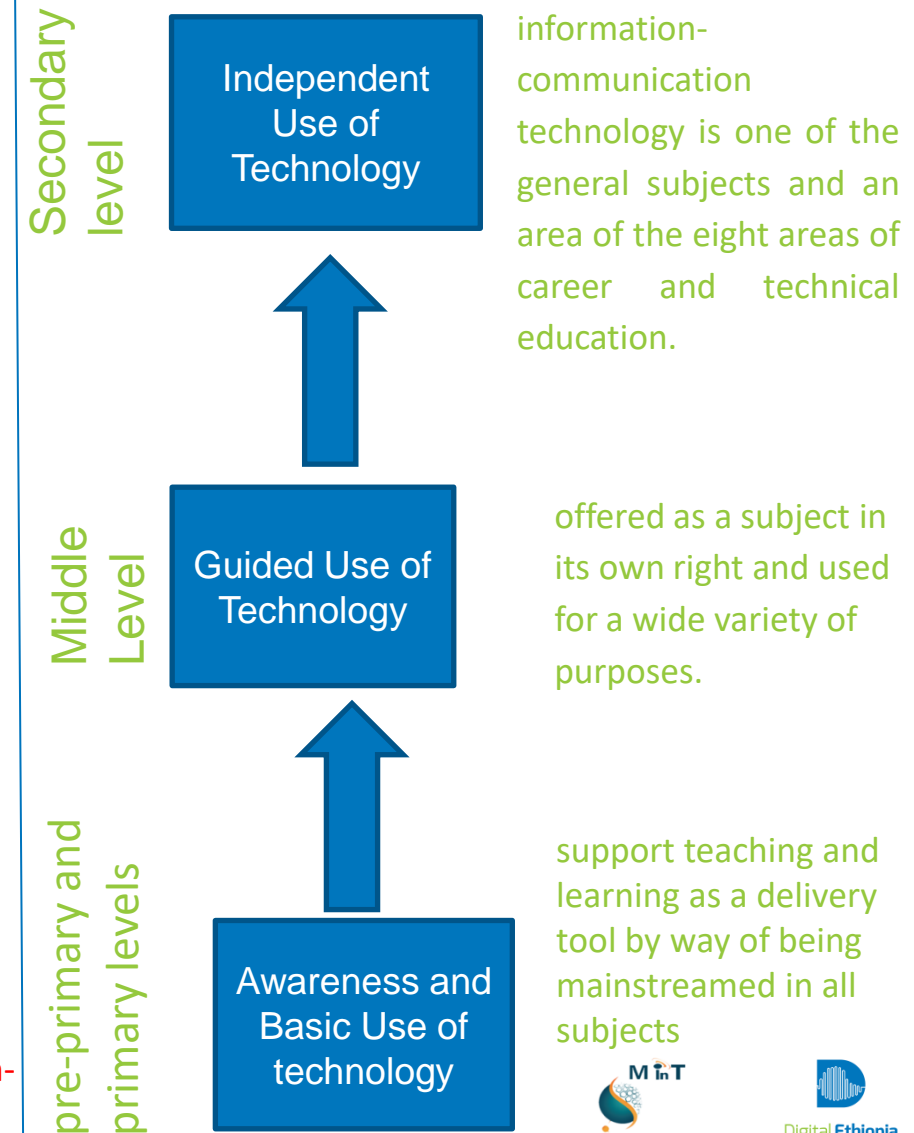
Digital ecosystem

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- Establishing National innovation Fund
- Develop & Implement Job-oriented digital skilling program & Digital Business incubators
- Design and pilot digital literacy & Skilling Strategies
- Formalize government engagement with ICT players
- Develop and promote Legal and regulatory mechanisms

ICT in the General Education curriculum

- Vision : cultivate all-rounded, ethical, self - reliant and responsible lifelong learners who are competitive regionally and globally and are equipped with 21st century skills instrumental to thrive in a knowledge - based and technology - led economy as citizens of an interdependent and democratic society.
- The core competencies :
 - learning to learn | critical thinking and problem-solving | creative-thinking and innovation| communication| collaboration | leadership and decision-making | **digital literacy** |and cultural identity and global citizenship.
- Digital Literacy
 - ICT should be integrated into learning in all subjects and grades. This competency is crucial to utilize the now pervasive range of digital content and devices. That is why it is considered as one of the main core competencies for learning and life in this century. It challenges existing thinking and practice while leading to a more innovative, creative and often transformational learning.
- Learning Areas
 - Language, Mathematics, Natural Science, Social Science Performing and Visual Arts, Moral and Citizenship Education, Health and Physical Education **Information-communication Technology**, Career and Technical Education



Digital Skill Action Plan : A country Action Plan for Digital Skill for Digital Economy Ethiopia

- The Strategic Actions comprises five strategic focus areas.
 1. developing a national Digital Skills Framework, to be used by individuals, educational institutions and employers to identify Digital Skills required in various occupations through a Digital Skills Assessment system.
 2. reform Digital Skills courses at the intermediate level for all students in HEIs and TVETs and, reform of advanced level as well as reform of highly specialized level programs in Computer Engineering, Computer Science, Information Systems, and other related programs .
 3. Enhancing use of technology for teaching & learning, administration, research and technology transfer as well as provision of online courses using learning management systems
 4. connecting higher education and TVET institutions to affordable high-speed broadband.
 5. developing capacity of staff and ensure efficient and digitally enabled business processes in HEIs, and TVETs.

“Adequate level and type of course materials or content for in-class and online training. To execute the reform of digital skill programs, appropriate content for the learning community should be in place. There are plenty of online materials that are accessible for free or with minimal cost. Exploiting the available resource in addition to preparing tailored content for the desired skill development has to be made.” [Page 19 , how to implement Strategy 2]

Lack of digital skills is the greatest barrier to digital inclusion. The Foundational & Institutional Problems in Ethiopia challenge the Digital Skilling Efforts.

Over all Foundational Problems

- low access to electricity and poor connectivity
- lack of payment methods
- Lack of/limited access to digital equipment and tools,
- Low Literacy rate
- Access to information about jobs and vacancies is fragmented and costly

Problems of Educational Institutions

- Insufficient internet /Intranet infrastructure
- Limited online educational resources,
- Lack of appropriate distance learning platforms that ensure quality and inclusiveness of outreach;
- Insufficient capacity of teachers and trainers in designing and delivery of Online learning courses
- Insufficient digital skills of Students in using online technologies
- Lack of standardized digital training and skills assessment systems

DTCs Can contribute to implement Actions indicated in the Digital Ethiopia 2025 Strategy in relation to Educational Institutions

support and cultivate the Ed-Tech sector

Primary and Secondary edu. should priorities basic literacy and digital skills

Universities/TVETs should better prepare graduates for the new labor market

- Ensure teachers are digitally skilled
- Enable creation of Local contents
- Encourage access to Open Educational Resources.

- Revisit teaching curriculums and integrate digital literacy
- provide teachers with digital training and tools.
- Expand short-term training programs on digital literacy for ICT-enabled jobs..

- Establish business incubators at universities
- prepare university graduates for innovative ICT sectors such as data science and analytics, and software development

DTCs can contribute to implement Actions indicated in the Digital Ethiopia 2025 Strategy in relation to the Job Sector

Designing job-oriented digital skills programs

- Create a job-oriented digital skilling program
- Create job-matching platform
- Design practical training program. relevant to the jobs

Job Seekers: Adopt new tools and models to address the skills mismatch

- Leverage data to strengthen linkages between job seekers and employers, in both the formal and informal sectors.
- Promote job seeking agencies that adopt innovate models and provide wider ecosystem

Government Employees: Provide targeted digital skills trainings

- Promote a culture of continual learning within the government
- Kept Government regulators up to date with the Tec Trends
- Digitally enable Government front line staff

Digital Skilling to ensure inclusivity requires cooperation & collaboration among Stakeholders

- Governments, academia, civil society and other key stakeholders need to ensure that young people are equipped with the digital skills to benefit from employment and entrepreneurship opportunities and to ensure an inclusive digital economy and society.
- DTCs can serve as a Platform for collaborations

Aligning the DTCs with the Strategies of the Digital Ethiopia 2025

- We will provide support to the DTCs and ensure the work of the DTC is aligned with national digital Transformation Strategies, Programs and Priorities



Thank you

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