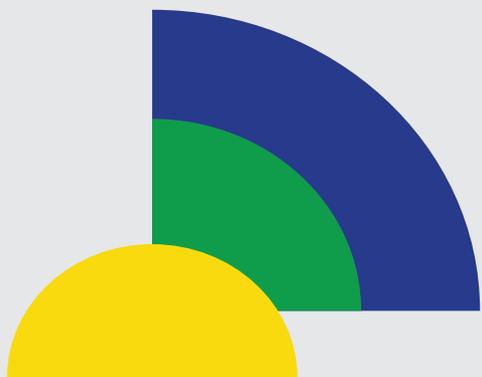


Digital Skills for everyone

The Five Strategies of DSCAP



Connect
to Affordable
High-speed Broadband

Digital Skills Country Action Plan (DSCAP)

Methodological
Guidebook



Develop
Enabling Policies



Reform
Digital Skills Programs



Use
Technology for
Teaching & Learning



Connect
to Affordable High-
speed Broadband



Build
Capacity &
Re-engineer
Business Processes



fold

CONNECT TO AFFORDABLE HIGH-SPEED BROADBAND

High-speed broadband connectivity is at the heart of reaching the goals of the Digital Skills Country Action Plan and is critical to achieving all the other strategies. It is a long-term investment that can support the transformation of education institutions.

WHAT IS IT?

A strategic approach is required to modernize cyberinfrastructures in tertiary education institutions in Africa to ensure abundant and reliable broadband. This can be done through strengthening/establishing National Research and Education Networks (NRENs) and modernizing campus networks and digital services infrastructure.

WHY IT MATTERS?

Without high speed, reliable and affordable broadband, tertiary education institutions cannot provide new content and technology integrated teaching, digital skills for all students or advanced digital skills programs for the ICT professions. NRENs have emerged as the most effective model for provision of robust and reliable bandwidth to tertiary education institutions and connect them to the global education community. Without the development of campus networks and their effective management, broadband cannot be used by faculty and students.

Campus IT networks are much more than physical networks; they are complex organizations which provide and serve digital applications to the academic community, including digital classrooms, digital journals, learning management systems and technology to manage the institution.



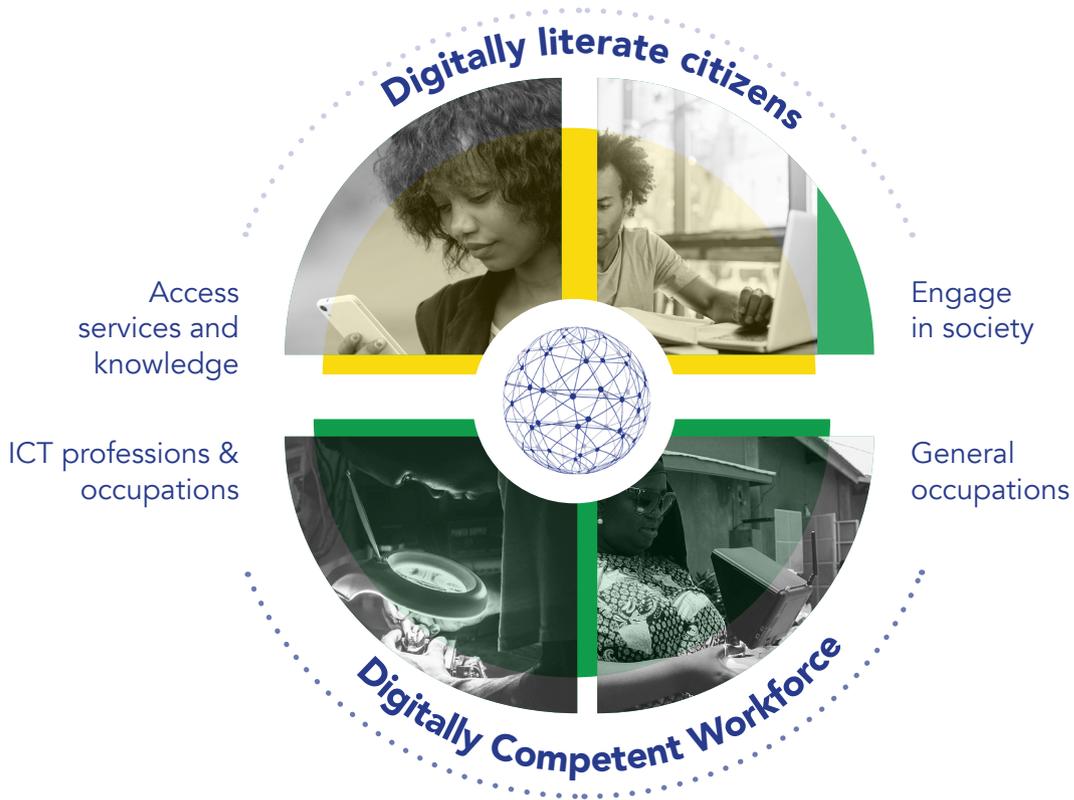
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GETTING STARTED

- ✓ Review the current status of connectivity, services and capacity and management of NREN
- ✓ Set goals for connectivity for different types of institutions, based on size, types of courses, use of technology in teaching-learning, after consultation with stakeholders
- ✓ Collect data from each institution
- ✓ Assess network and technology options, identify services to be provided
- ✓ Design the network to provide target levels of connectivity, estimate costs, develop a business plan for the NREN, including capacity building plan.
- ✓ Identify campuses of different sizes, design connectivity and services for each type of campus.
- ✓ Develop staffing plan, including network engineers and learning technologists, and management plan for campus IT offices.



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