QUALITY EDUCATION FOR ALL: CREATING BETTER LEARNING OPPORTUNITIES WITH TECHNOLOGY AND ACCESS TO INFORMATION
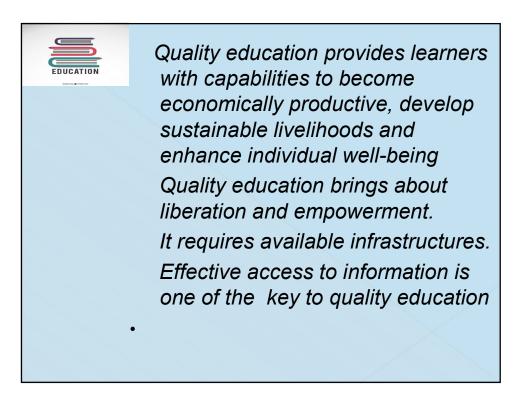
Wilson MKUMBO, *University of Dar es Salaam, Tanzania*

Olubukola OLATISE, *University of Lagos Nigeria*

Idowu ADEGBILERO, *Elizade University, Nigeria*

Peter ANAFO, *University of Mines and Technology, Ghana*

An overview of Sustainable Development Goals (SDGs)

- The UN General Assembly met in New York in September, 2015 and submitted the new global (SDGs) with 17 goals and 169 targets to be achieved by 2030

- The goals were continuation of MDGs which ended on 2015.

4 QUALITY EDUCATION

- *This goal seeks to ensure inclusive and equitable quality education for all*
- *It aims to provide inclusive and equitable quality education at all levels, from early childhood, primary, secondary, tertiary, technical and vocational training.*

EDUCATION

Quality education provides learners with capabilities to become economically productive, develop sustainable livelihoods and enhance individual well-being

Quality education brings about liberation and empowerment.

It requires available infrastructures.

Effective access to information is one of the key to quality education

-

Rationale of Goal 4 for achievement of SDGs by 2030

Quality education make people exploit fully the available resources sustainably for economic, social, cultural and political development

Quality education is a cross cutting to the achievements of other SDGs

Striving to achieve goal 4 is inevitable if we want to achieve other SDGs by 2030.

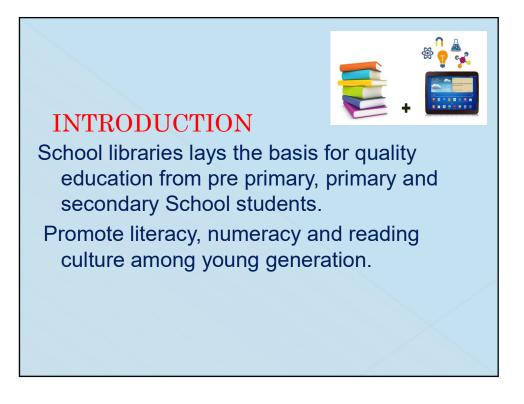**Implementation and Achievements of Sustainable Development Goal 4**

Presentations on strategies deployed to implement inclusive and equitable quality education for all in Tanzania, Nigeria and Ghana.

The Role of School Libraries in Realizing the Achievement of Inclusive and Equitable Quality Education in Tanzania: SDGs by 2030

BY

Wilson Mkumbo (Tanzania)
A Presentation at UP Carnegie Capstone Conference held at Kievits Kroon County Estate and Conference Centre, Pretoria, South Africa, 25th – 29th March, 2019.

INTRODUCTION

School libraries lays the basis for quality education from pre primary, primary and secondary School students.

Promote literacy, numeracy and reading culture among young generation.

SCHOOL LIBRARY & QUALITY EDUCATION

To achieve quality education, means having all required educational infrastructures.

One of key infrastructure for quality education is the provision of effective library services

School libraries are gateways to knowledge and have a great role in supporting for sustainable development

Role School libraries for achievement quality education in Tanzania

The School Libraries Services (SLS) in Tanzania originated in 1960

Collapsed in 1976 due to financial constrains

Revived in 1984 under the Tanzania Library Services Board (TLSB)

From their revival, performances were not been good until 2000 when PEDP and (SEDP) initiated to improve education (school libraries)

Despite of initiatives made, School Library performances are still facing many challenges

Challenges in Achieving Inclusive And Equitable Quality Education

- Lack of reading space
- Lack of furniture
- Deterioration of materials due to lack of regular maintenance
- Existence of old and irrelevant materials
- Stock wear, tear, theft, loss and damage
- Not managed by library professionals
- Poor school library management

Current initiatives for Achievement of SDGs in Tanzania

Initiatives have been made government & NGOs

- The READ International (NGO) planned to build 500 school libraries in secondary schools in Tanzania. Recently, only 3 school libraries have been built in Dar es Salaam, Coastal and Tanga regions with enough reading spaces lightings, relevant materials and furniture

- Well trained librarians have been recruited in those respective secondary school libraries

- Providing IL to teachers and students

- Ministry of Education in collaboration with the African Digital Schools Initiative (ADSI) have invested 4 bil. Tshs. embrace the use of ICTs in school libraries.

- Quality education is a key in achieve sustainable development in any society
- Literacy is a central for acquiring quality education
- School library is a place where literacy is inculcated to children
- Despite the efforts made to improve school libraries in Tanzania,
- More efforts is still needed to improve school libraries to play role in achieving quality education in Tanzania by 2030

References

- Manda, P. (2005). Electronic resource usage in academic and research institutions in Tanzania. Information Development, 21(4), 269-282.
- National Forum on Information Literacy (NFIL) (1990). Promoting international and national awareness of the need for information Literacy programs. http://www.infolit.org/index.html

Library's Support towards Achieving Quality Education for All

By

Olubukola Olatise

Why Education Matters

Education is the most powerful weapon that can be used to change the world…... Nelson Mandela

This weapon is a key instrument to reduce poverty and lay the foundations for sustained economic growth.

Obtaining quality education is the foundation to creating sustainable development.

Advances in Education

Present realities in technology is compelling traditional schools to embrace online education and this opportunity have greatly impacted the state of education in Nigeria.

Many institutions now offer or plan to offer educational services using new delivery methods called Open, Distance, Flexible, e-Learning or Online learning.

Learning evolution with emphasis on emerging methods of instructions is increasingly providing access to education and sustainable development for our nation and the world at large.

University of Lagos

- Founded in 1962.
- Has 3 campus with student enrolment of over 40,000 and staff strength of 6,079.
- The University currently has 12 faculties and a Distance Learning Institute. The Institute's establishment was premised on the belief that University Education should be accessible to all.
- Recent launch of its eLearning platform for teaching, creating enhanced access to education.

Actions Implemented at the University of Lagos Library

Increased wireless internet access bandwidth.
Mobile-enabled website for the library.
Repurpose space (physically and virtually).
Faculty-Library collaboration
Organize continuous training.
Institutional Repository.
QR code application.

Undergraduate e-Resources Section   Postgraduate e-Resources Section

New Reference Section   Braille Centre

Leisure Reading Area

Increased value on lifelong learning and provision of formal and non-formal learning support has made the library an inspiration to students and faculties.

Thank you for listening!

IFLA High Level Trend Two: Online Education will Democratize and Disrupt Global Learning

Presented by:
Adegbilero-Iwari, Idowu
Scholarly Communications Librarian, Elizade University, Ilara-Mokin, Ondo State, Nigeria
At the University of Pretoria Carnegie Capstone Conference held at Kievits Kroon County Estate and Conference Centre, Pretoria, South Africa, 24th – 31st March, 2019

What is Online education?

- According to Allen and Seaman (2013), it is a course where at least 80% or all of the content is delivered online. It is usually devoid of face-to-face learning.

- It differs from blended/hybrid learning (30-79% online), web facilitated learning (1-29% online) and traditional learning that is purely face-to-face without any online component.

- Online education is a form of distributed learning (Volery and Lord, 2000)
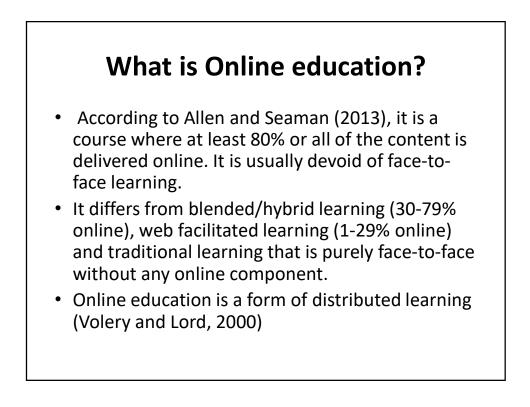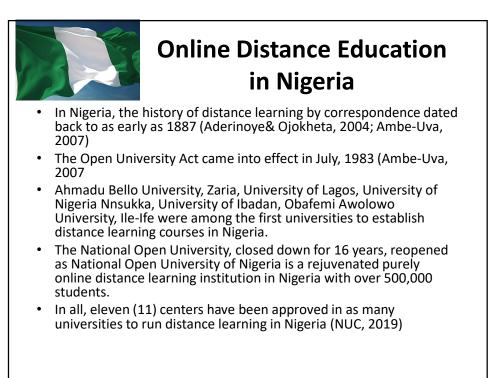
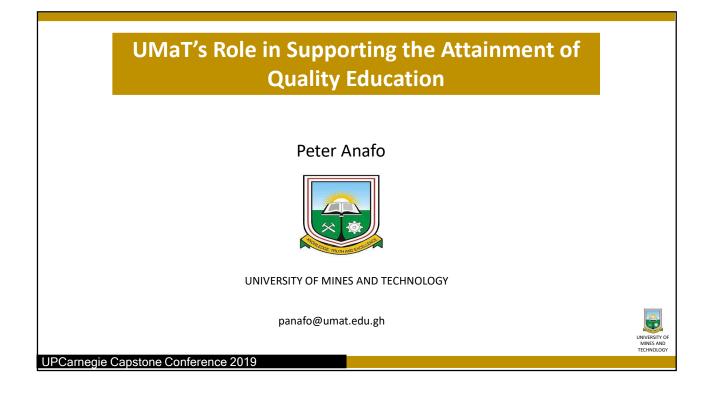# Online Education: Democratization of Learning and Quality Education

- The potential of online education to either provide learning opportunities to new audiences and transform learning delivery has been reported (Poehlein, 1996)
- Expansion of access to education and alleviation of capacity constraints of institutions have been seen as some of the broad reasons for online learning (Volery and Lord, 2000).
- Necessities have also mandated learning for literacy, numeracy and skills for man (UNESCO, 2018).
- SDG 4 seeks to ensure inclusive and equitable quality education and promote lifelong learning opportunities for all (UN)
- The IFLA high level trend two, "Online Education Will Democratise and Disrupt Global Learning", posited that OER, MOOCs, adaptive teaching technologies, etc. will transform the global learning landscape.
- It also predicted that more people will be served by online courses than those enrolled for regular university courses
- Online education contributes to democratization and the advancement of the scholarship of teaching (Larreamendy-Joerns&Leinhardt, 2006)
- There is no doubting the impact of online education on lifelong learning, inclusive and equitable education for all.

Online Distance Education in Nigeria

- In Nigeria, the history of distance learning by correspondence dated back to as early as 1887 (Aderinoye& Ojokheta, 2004; Ambe-Uva, 2007)
- The Open University Act came into effect in July, 1983 (Ambe-Uva, 2007
- Ahmadu Bello University, Zaria, University of Lagos, University of Nigeria Nnsukka, University of Ibadan, Obafemi Awolowo University, Ile-Ife were among the first universities to establish distance learning courses in Nigeria.
- The National Open University, closed down for 16 years, reopened as National Open University of Nigeria is a rejuvenated purely online distance learning institution in Nigeria with over 500,000 students.
- In all, eleven (11) centers have been approved in as many universities to run distance learning in Nigeria (NUC, 2019)

Online Education and the attainment of the SDGs in Nigeria

- The effectiveness of various forms of distance education can be maximized in Nigeria to democratize learning (Aderinoye, 2008)
- Nigerian higher institutions: universities, polytechnics, colleges of education among others can only admit less than 800,000 out 1.47 million that sit admission exams" (JAMB Registrar, 2015)
- Nigeria has 32.34% (61,732,130) broadband penetration and 113,875,204 data (internet) subscribers base (NCC, 2019)
- Nigeria has a large youth population with more than half of its people under 30 years of age (Mbachu&Alake, 2016)
- These give huge prospect to online distance education in Nigeria and the democratization of learning
- However, huge infrastructural deficit in electricity and cost of access to broadband internet may pose challenges much as apathy towards graduates of online distance courses
- It is recommended that these challenges be tackled urgently

References

- Aderinoye, R. (2008). Literacy And Communication Technologies: Distance Education Strategies For Literacy Delivery. International Review Of Education / Internationale Zeitschrift Für Erziehungswissenschaft / Revue Internationale De L'éducation, 54(5/6), 605–626. Http://Doi.Org/10.2307/40608038
- Aderinoye, R., & Ojokheta, K. (2004). Open-Distance Education As A Mechanism For Sustainable Development: Reflections On The Nigerian Experience. The International Review Of Research In Open And Distributed Learning, 5(1). Retrieved From Http://Www.Irrodl.Org/Index.Php/Irrodl/Article/Viewarticle/174
- Allen, I. E., & Seaman, J. (2013). Changing course: Ten years of tracking online education in the United States. Sloan Consortium. PO Box 1238, Newburyport, MA 01950.
- Jamb Registrar: Tertiary Institutions Can Admit Less Than 800,000 Students, Articles | Thisday Live. (N.D.). Retrieved August 2, 2015, From Http://Www.Thisdaylive.Com/Articles/Jamb-Registrar-Tertiary-Institutions-Can-Admit- Less-Than-800-000-Students/216061/
- Larreamendy-Joerns, J., & Leinhardt, G. (2006). Going The Distance With Online Education. Review Of Educational Research, 76(4), 567–605. Http://Doi.Org/10.2307/4124415
- Mbachu, D. & Alake, T. (2016). Nigeria Population at 182 Million, With Widening Youth Bulge. Bloomberg. Retrieved March 19, 2019 from https://www.bloomberg.com/news/articles/2016-11-08/nigerian-population-hits-182-million-with-widening-youth-bulge
- National Universities Commission (NUC) (2019). Distance learning centers. Retrieved March 10, 2019 from https://nuc.edu.ng/distance-learning-centers/
- Nigerian Communication Commission (NCC) (2019). Industry statistics. Retrieved March 19, 2019 from https://www.ncc.gov.ng/stakeholder/statistics-reports/industry-overview#view-graphs-tables-6
- Online Education Will Democratise And Disrupt Global Learning | IFLA Trend Report. (N.D.). Retrieved August 2, 2015, From Http://Trends.Ifla.Org/Online-Education
- Volery, T., & Lord, D. (2000). Critical success factors in online education. International Journal of Educational Management, 14(5), 216–223. doi:10.1108/09513540010344731

UMaT's Role in Supporting the Attainment of Quality Education

Peter Anafo

UNIVERSITY OF MINES AND TECHNOLOGY

panafo@umat.edu.gh

UNIVERSITY OF
MINES AND
TECHNOLOGY

Introduction

- International Federation of Library Associations (IFLA), an umbrella organisation that represents the interest of libraries and librarians, has contributed immensely to the successes of the SDGs.

- Literacy at all levels enhances individuals' ability to not only learn to read and write, but also to identify, understand, create, communicate and cope with the ever increasing challenges and complexities of life – lifelong learning.

- Information literacy has the capacity to equip the citizenry with the necessary information to achieve the goals set by United Nations.

- Information literacy can propel Ghana's economic development agenda through partnership with Non-Formal Education Division to address the country's developmental literacy gap.

- The importance of Academic Libraries and other Stakeholders in Development can neither be under-estimated nor over-estimated.

UNIVERSITY OF
MINES AND
TECHNOLOGY

Ghana Government Initiatives at Achieving the SDG 4

Achievement of the SDGs has enhanced as much of the citizenry have access to quality education

- Free Compulsory Universal Basic Education (FCUBE) policy – pre-school, primary and secondary levels. This has expanded access to good quality education, especially for the populace within the poverty bracket.

- Introduction of Teacher licensing certification to promote quality in basic education delivery

- Conversion of training colleges to University Colleges

- Increased comprehensive sexuality education to help decrease teenage pregnancy and school drop-out of adolescent girls

- Improvement in Technical and Vocational Education and Training (TVET) as a learning pathway of choice that leads to good jobs.

UNIVERSITY OF
MINES AND
TECHNOLOGY

UMaT's initiatives towards quality

- Introduction of Information Literacy Programme: This influenced by the need to sharpen skills of the University community for participation in the digital era.

- Workshops: Organised series of workshops on the use of new emerging technologies for research and collaborative learning.

- Institutional Repositories: Development and implementation of Institutional Repository.

- Advocacy: Through the office of research, consultancy and innovation (ORIC), the Library has influenced the implementation of Virtual Research Environment as part of (ORIC).

- Community Engagement with school and institutional librarians.

- Setup of a Museum for gold-related artifacts

- RDM Initiative of building a database that captures the activities of small scale and illegal mining companies

- Institutional Policy on increased female enrolment

UNIVERSITY OF
MINES AND
TECHNOLOGY

Conclusion
- Emerging technologies has and continue to led to new innovations in the library and information profession
- In spite of the above mentioned successes, the technology is still confronted with certain challenges which can derailed some of the achievements of the SDGs.
  - Unstable power
  - Inadequate internet bandwidth
  - lack of digital literacy skills.

UNIVERSITY OF
MINES AND
TECHNOLOGY

UPCarnegie Capstone Conference 2019

Links

http://therebeccafoundationgh.org/

http://streetlibraryghana.org/

https://twitter.com/ghanalibraries

http://www.library.gov.gh/

http://freeshs.gov.gh/

UNIVERSITY OF
MINES AND
TECHNOLOGY

UPCarnegie Capstone Conference 2019

Any questions?

UNIVERSITY OF
MINES AND
TECHNOLOGY