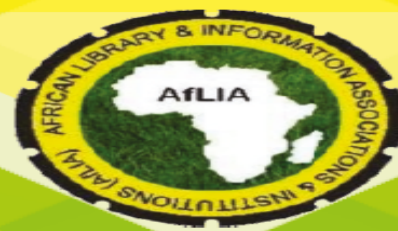
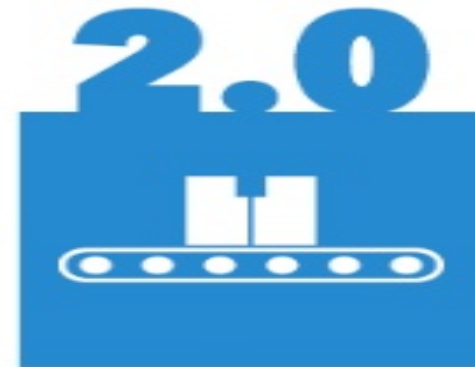


4th Industrial Revolution and future-ready African Librarians

Nkem Osuigwe PhD
Human Capacity Development and Training,
AfLIA



Water and steam
Mechanized
production



Electric power
Mass production



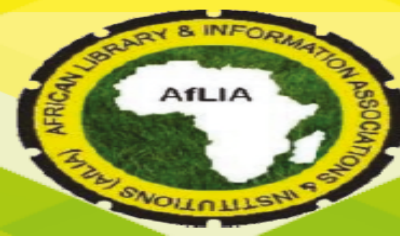
Electronics and
information
technology
Automated
production



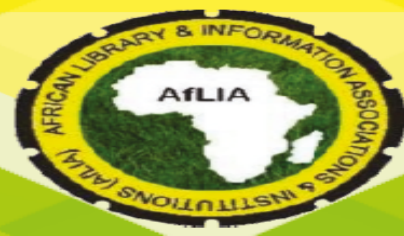
Automation and
data exchange
Digitalization

Industrial revolution

(ITU, 2017)



At the core of 4IR is the need for building quality intellectual capital that would equip more people with learning, ideas and abilities for innovativeness.



Today and tomorrow belongs to the African youth as the continent has a definite and still growing youth bulge.

The tertiary education GER (Gross Enrolment Ratio) in Africa is growing faster than the world's average.

Building up the intellectual capital of Africans by ensuring that young people get quality education in these higher institutions is imperative if Africa has to feature and benefit from the 4IR.



AfLIA

- libraries as the nerve centres of academic and research institutions are necessary in the building up and sustenance of tertiary quality education.
- Knowledgeable, skilled, and passionate African librarians that can form the information superstructure for the 4IR on the continent became obvious.



- Recognise different types of open content, (OER and open access resources),
- Recognise opportunities for sharing existing resources with other institutions and faculties within their institutions.
- Identify rights and permissions contained in Creative Commons (CC) licences,



- Understand OER models, and be able to assist institutions in implementing them
- Capacitated to curate, design, and develop suitable taxonomies for accessing and tagging OER materials
- Develop the skills to help users to identify and use openly licensed resources in higher institutions