ADEA 2022 TRIENNALE
REIMAGINING HIGHER EDUCATION &
SCIENTIFIC RESEARCH IN AFRICA
SUB-THEME

Triennale
Mauritius | 19-21 October 2022

Ushirika wa Maendeleo ya Elimu Barani Afrika
الرابطة لأجل تطوير التربية في إفريقيا
Association for the Development of Education in Africa
Association pour le développement de l’éducation en Afrique
Associação para o Desenvolvimento da Educação em África

REPUBLIC OF MAURITIUS
Ministry of Education, Tertiary Education, Science and Technology
Background

ADEA Triennale on Education and Training

- ADEA flagship event and one of Africa’s seminal high-level forums for political dialogue and sharing of knowledge and fruitful experiences.

- Provides a reflection of the past and shapes the future through forward-looking policy recommendations and stakeholder commitments.

- Linked to ADEA Strategic Planning process.
ADEA 2022
Triennale: 19-21 October, Mauritius

- **Theme:** “Reflecting on the impact of COVID-19 on Africa’s educational systems, and how to build resilience to sustain the development of skills for the continent and beyond.”

- **Focus areas:**
  1. Impact of COVID-19 on Africa’s educational systems.
  2. Foundational learning (literacy and numeracy).
  3. Technical and Vocational Skills Development.

- **Cross-cutting issues:**
  - Technology, data, gender, equity, inclusion and climate change.
Higher Education and Scientific Research: TAKING STOCK

- Factors, conditions, and drivers promoting African-led research and role of the different actors.

- How research can positively impact Africa’s agriculture and food industry:
  - Skills required to produce qualified manpower for the industry.
  - Role of universities and research institutions in promoting innovative land use and value addition.
  - How technology can support productivity and competitiveness.
Higher Education and Scientific Research: EMERGING ISSUES

- COVID-19 pandemic
- Digitilisation and 4IR
- Climate change, including the green and blue economy
- Overall, mismatch between supply and demand of a dynamic labour market
- Food security issues.
Higher Education and Scientific Research: CONTINENTAL STRATEGIC FOCUS

- African Continental Free Trade Area (AfCFTA), ongoing regional integration.
- Home-grown technology (health, electric vehicles, robotics, mobile penetration, agriculture transformation).
- Green and blue economy.
- Oil & Gas production.
- Fintech (mobile / online payments).
Current Status of HESR in Africa: Issues to Consider

From ADEA Regional Mapping Study on the Status of HESR in Africa:

1. Inappropriate teaching and learning environment.

2. Capacity and non-modernization of the higher education system.

3. Inadequate levels of qualified teaching staff.

4. Few vocational courses in STEM and weak existing vocational and STEM courses.

5. Underdeveloped remote learning (inadequate teacher training, lack of distance learning offers with quality standards, and quality of ICT infrastructures).

6. Difficulty in combining different types of knowledge in training and research to develop transversal skills and expose students to innovative and multidisciplinary environments.

7. Weak governance of national research and absence of national structures for the promotion and transfer of research results.
Current Status of HESR in Africa: ONGOING ADEA STUDIES 2022

- Updating the Higher Education Continental Mapping Study
- Study on the Use of ICT in Education and Remote Learning
- Tackling the Data Challenge in Africa
Main Discussion Topics in HESR at the 2022 Triennale

1. Improving enrolments and uptake of scientific research in higher education institutions using technology (digitalization).

2. Appropriate policies and effective governance for a needs-driven and African-led national research: the role of HEIs.

3. Expanding higher-level teaching and learning mechanisms through innovative and alternative financing options.

4. Strengthening research-industry linkages through partnerships: the role of research institutions such as the African Centres of Excellence.

5. Quality Assurance and Harmonization of Qualifications
Co leads and supporting partners:


Proposed Focus Countries:

- Morocco, Senegal, Zimbabwe, DRC, Burundi, Mauritius