

**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.



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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.
  4. Reimagining Africa’s Higher Education and Scientific Research.
- **Cross-cutting issues:**
  - Technology, data, gender, equity, inclusion and climate change.



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## 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.



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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.



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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).



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## 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. Under-developed 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



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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**



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## 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**



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## Partners and countries

### Co leads and supporting partners:

- African Development Bank and Mastercard Foundation, African Union, AUDA-NEPAD, Association of African Universities (AAU), The African Research Universities Alliance (ARUA), World Bank, Nuffic, USAID, AUDA-NEPAD, EU, Arizona State University, University of Oslo, University of Toronto, UNESCO, UNESCO-IIEP, Private Sector, CSO.

### Proposed Focus Countries:

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



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**THANK YOU**