

Capacity building in agricultural value chains together with African partner institutions

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Science for Impact in Africa / 15 May 2023

HSWT: Facts and Figures



6,095 students



7 departments



**32 programmes of study
(19 Bachelor & 13 Master)**



**150 full professors
400 adjunct staff**

**7 research
facilities**

**Focus on
“green” topics**

14 work-study programmes

**Focus on applied teaching and
research**

Higher Education in Africa



Universities

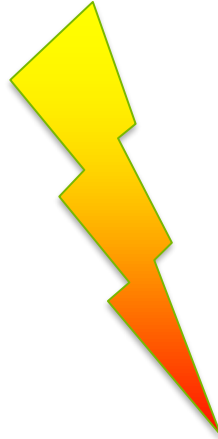
1980: 294 -> 2018: 1,682

Tertiary education

Sub-Saharan Africa 10 %

European Union 75 %

14.6 million students in
Africa = 6.6 % of global
student population (2017)



Universities often **fail to reflect demands** of local societies and economies (no link to private sector)

Curricula focus mainly on **theory**, not on acquiring practical skills

50 % graduate unemployment rate

- <https://www.worldbank.org/en/topic/tertiaryeducation>
- <https://www.universityworldnews.com/post.php?story=202107051145016>
- <https://thedocs.worldbank.org/en/doc/764421611934520379-0090022021/original/OneAfricaTEandCovidupdated.pdf>
- <https://www.un.org/africarenewal/magazine/april-2019-july-2019/preparing-africa%E2%80%99s-graduates-today%E2%80%99s-jobs>



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'Education systems needed to get

Wachira Kigotho



More Africa share strong enough



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Action urgent to eliminate

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Overqualification: A symptom of qualification-job mismatch



Wachira Kigotho 19 January 2023

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According to UNESCO's International Institute for Educational Planning, countries in Sub-Saharan Africa are severely affected by qualifications and skills mismatches, making it hard for employers to find suitable job applicants, or develop the ability to forecast potential skills imbalances.

Dr Pablo Suarez Robles, an education policy analyst and labour market specialist at IIEP-UNESCO's office in Dakar, Senegal, says in his **study** that common forms of qualification mismatches in the region are related to skills gaps and skills shortages.

Network Africa 1 - philosophy






 Focus on **agribusiness** in SMEs (incl. farms & cooperatives; food, feed, fuel, fibre) in a local/regional/national market

 Strong focus on **applied** higher education

 „**Simple but sound**“, focus on research on innovation ecosystems and start-up culture

 **Networking**, North-(inner)South-South cooperations

Network Africa 2 - activities

-  **Joint degree programmes, e.g. farm management**
-  **TTT = train-the-trainer, e.g. online teaching**
-  **long term network**
-  **Postgraduate courses, e.g. value chains**
-  **Innovation and start-up culture (agribusiness, food)**

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APPLIED SCIENCES
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Prerequisites for sustainable
cooperation with Africa
(UAS Africa)

**Practice-oriented training for innovation
& sustainable development**

**„UAS-model“ as blueprint for tertiary
education**

**Cooperation universities and private
sector qualifies graduates for the job**

**start-up culture and entrepreneurship to
foster innovation potential in Africa**

**UAS as platform and driver for
knowledge transfer**



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