



**MOBILIZING AFRICAN INTELLECTUALS
TOWARDS QUALITY TERTIARY EDUCATION
CONFERENCE
2017**

Connecting Ideas | Strengthening Capacity | Innovation Solutions

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Building Reputable University Systems in Africa

S3

CHALLENGES



THE SUSTAINABLE
DEVELOPMENT
GOALS
CENTER FOR
AFRICA

CHALLENGES

1. Quality
2. Access
 - a. Total
 - b. Inclusiveness
3. Mindset
4. Mismatch between skills and industry
5. Funding
 - a. Resources available
 - b. Effective use of it
6. Low critical masse of researchers in diverse scientific disciplines



BEST PRACTICES

- Integrating student with real world: internship and capstones
- Partnering with government to supply expert consultancy services, in exchange of funding.
- Increasing government expenditure in R&D (South Korea 4, 36%, Israel 3,93 % of GDP)



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SOLUTIONS

- **Education Bank-** Rotary fund, that lends money to students at low or zero rates, as bank partners in a risk sharing structure, incentivizing local bank to originate the funding for the student loans, to follow up on lagged borrowers and help to assure the financial performance of the facility.



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SOLUTIONS

- **“De-bundle”** services. Universities offer to many services in “one package”: Generation knowledge, applied knowledge to societies, certification, validation. Specializing on services and cost them differently, to improve quality of service and reduce costs.



SOLUTIONS

- National, regional and continental **regulation** to improve student selection/**admission** and **accreditation**. Body that credits institutions with a national exam mechanism that links test with industry's demanded skills.



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SOLUTIONS

- **Branding** African tertiary institutions- market need to trust them, ensure their global prestige by providing graduates that solve **real world problems. Curriculum** that address markets needs.



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- **Funding**

- More **efficient spending**, re sizing administrative cost
- **Cross subsidy** fee system, top 20% can afford higher fees that will subsidize those that can't afford
- **Private sector** involvement (incentive mechanism)



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- African Foundation For Research, Innovation and Mobility (**AFRIM**)- promote quality research in African universities.
- Presence at the state, RECs and Pan African level.
- Investing part of the national income from **natural resources** in science, 2% -5%
 - 50% can be dedicated to the state level;
 - 30% to the regional level;
 - and 20% to the pan African level;



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