Supporting Selected African Universities - The Experience of the Partnership for Higher Education in Africa

UN Millennium Development Goals
By 2015…

• Goal 1: Eradicate poverty & hunger - halve proportion of people living on less than $1 a day

• Goal 2: Achieve primary education - children everywhere…will…complete primary schooling.

• Goal 3: Promote gender equity – eliminate gender disparity in ...all levels of education
UN Millennium Development Goals
By 2015…

• Goal 4: Reduce child mortality - reduce by 2/3 under-five mortality rate.

• Goal 5: Improve maternal health - reduce by ¾ maternal mortality ratio.

• Goal 6: Combat disease – halt and begin to reverse spread of HIV/AIDS.
UN Millennium Development Goals
By 2015…

• Goal 7: Ensure environmental sustainability – integrate…sustainable development into country policies … halve proportion of people without …access to safe drinking water and basic sanitation.

• Goal 8: Develop global partnership – …. make debt sustainable in the long term.

• http://devdata.worldbank.org/atlas-mdg/
Higher Ed in Mozambique

- Population: 21 million
- HE Institutions: 12
  - Universities: 3 Public + 2 Private
  - Polytechnics: 3 Public + 4 Private
- HE Students: 30,000
- Primary Education (1-7): 4 million students
- Enrolment rate: 29%
Moz’s Efforts To Meet the MDGs

• Expansion of school system
  – Need school teachers, review educational content and improve quality

• Expansion of health system
  – Need doctors, nurses, lab technicians, other HR

• Decentralization of public administration to rural areas
  – Need civil servants, governors, district administrators, police officers, etc.

• Building roads, schools, hospitals
  – Need architects, engineers, environmental experts
Moz’s Efforts To Meet the MDGs

• Building 2 new universities and 3 Polytechnics
• The Polytechnics: 120 fresh students per year each
• Their annual budget (2007): $1,280,000
  • Recurrent costs: $280,000
  • Salaries and benefits: $440,000
  • Capital investments $560,000
• Goodwill & Commitment – Few Resources:
  – Lack of skilled people, opportunity for peer learning and networking
  – Lack of facilities, equipment, books, journals
  – Lack of money
Challenges Facing Africa’s Higher Ed

• Cope high demand for HE, rapid expansion
  – Demand for HE has weak correlation with economic growth
  – Brazil: 1 additional year of schooling in average leads to 11% increase in salary

• Balance expansion with quality and relevance
  – Too little if any research carried out
  – Predominant rote-learning and memorization
  – Little context-relevant and indigenous content

• Balance demand for university to be instrument of development – preserve core characteristics of university
  – Research and knowledge production
  – Academic freedom: unconstrained creation and probing of ideas
Globalization Opportunities and Threats

– Market forces are opportunity and threat
  • Fee-paying and evening students – generate income without neglecting quality, research and outreach
  • Introduce responsive programs: informatics, law, business, etc. – without neglecting natural sciences, humanities, social sciences

– ICT revolution is opportunity and threat
  • Give access to information and networks
  • Due to cost it widens the digital divide

– Mobility of workforce is opportunity and threat
  • Brain drain and lost of skilled professionals
  • Collaboration with experts from better endowed places
Alternative Strategies for HE Training

• Network Model: networks of scholars, research groups, innovative centers (AERC, USHEPIA, RISE, etc)
• The “Indian Model”: Create advanced S&T centers (e.g. Nelson Mandela Institutes of Technology)
• National versus Regional: Decide training that can and must be offered within national borders
• Training “overseas”: costs, relevance, brain drain
## Support to HE in Africa
### Data Base 2000-05 ($Millions)

<table>
<thead>
<tr>
<th>Organisation</th>
<th>Funding</th>
<th>Projects</th>
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<td>World Bank</td>
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<td>Netherlands PPET</td>
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<td>Norwegian OFA</td>
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<td>US Aid</td>
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<td>84 (1.3Billion)</td>
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<td>UK DfID</td>
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<td>Germany (DAAD)</td>
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Patterns of Support to HE

1. Lack of Support for Developing HE
   – Particularly Institution Building/ Research

2. Projectization
   – Lack of Focus/Coherence/Continuity/Learning

3. Strong Convictions, Weak Evidence
   – HE is not object of study to inform development
Partnership For Higher Education in Africa Foundations & Countries

• Goal: Strengthen higher institutions and their contribution to national development

• Member Foundations: Ford, MacArthur, Rockefeller, Mellon, Hewlett, Kresge, Carnegie
Activities of Individual Foundations

• ICT equipment & applications & training
• Fellowships for Masters and PhD training
• Library automation, books, journals, training
• Fund-raising, alumni relations, research administration
• Curriculum (re)design
• Research, community service, incubation of SMEs
• Staff mobility, participation in conferences and networks
• Women in HE: in governance of HEI, gender in curriculum and university regulations
Joint Partnership Initiatives

• Forum of Leaders of African Universities

• Higher Education Research and Studies

• Regional collaboration for research and training

• Access to electronic information: bandwidth and e-learning
## Partnership Grant-Making
### $Millions

<table>
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<tr>
<th>Type of Grants</th>
<th>2000 –2005 (5 year goal $150 million)</th>
<th>%</th>
<th>2006 – 2007 (5 year goal $200 million)</th>
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<td>Joint Partnership</td>
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<td>Individual Foundations</td>
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<td>Total</td>
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