



The Internet and Education: Case Studies from around the World

The Realities of Operating an Open University in Sub-Saharan Africa

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Content

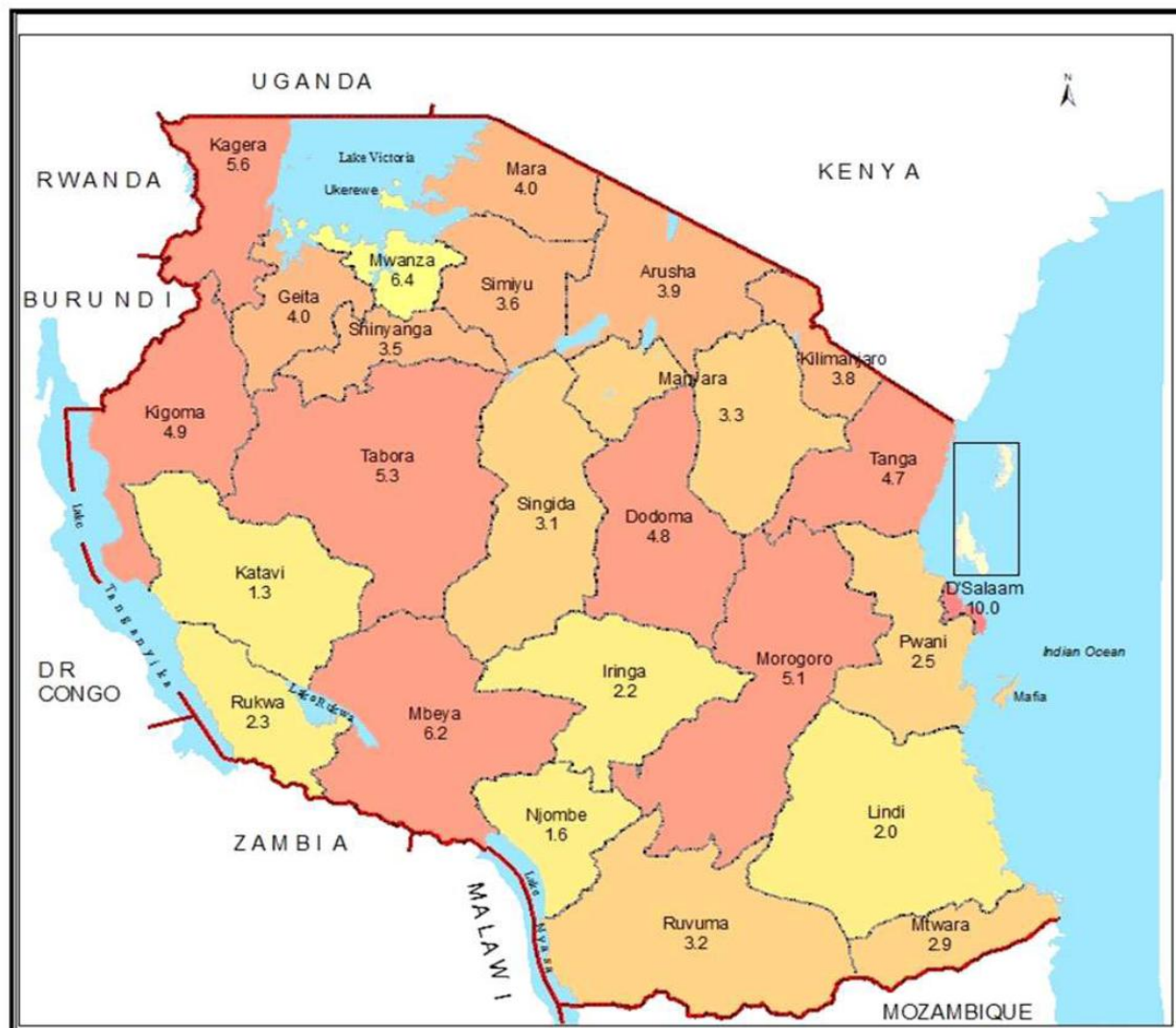
- ❑ OUT perspective
 - Background
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Background

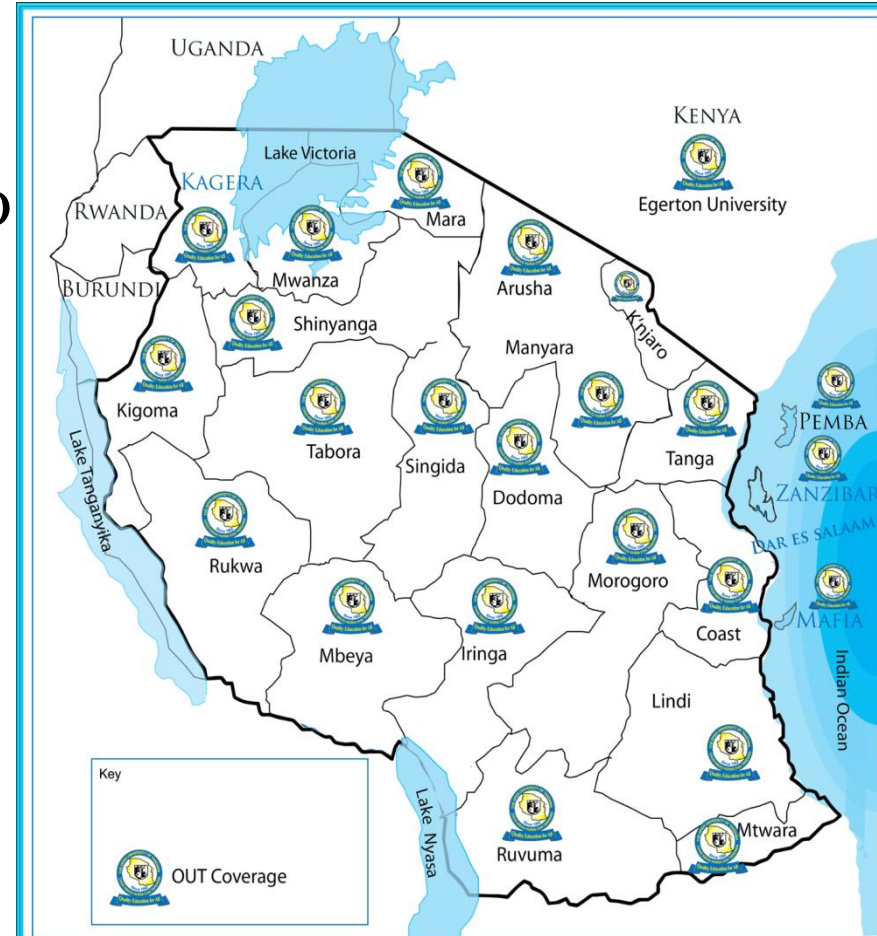
- Total population: 44.9 mil

Percentage Population Distribution by Region, 2012 Census





- OUT established 1992
- First university in the country to offer open and distance learning programs
- 29 regional centers, envisioned to be regional colleges by 2015
- Coordination centers in other EA countries
- Has RSP which guide its activities, reviewed twice a year.





Before 1961-
1974

- Government responsibility
- 2 years working in public sector

1980

- Economic crisis
- Government financing reduced

1988

- Cost sharing adopted
- Not formally assigned

1992/93

- Formal cost sharing announced
- Phase I- fare to and from domicile

1993/94

- Phase II- food, accommodation, caution, student union
- Privately sponsored students enrolled

1995 to date

- Phase III- Included tuition fee, exams, etc
- Higher Education Students Loan Board (HESLB)-2005



□ Decline of government support

- Zero development funds have been given to OUT since 2010/11 academic year.
- Funds for “Other Charges” have fallen from TZS 1.14 billion per year in 2011-2012 to only 678 million in 2012-2013.
- Funds for Personal Emoluments include, and not limited to salaries and allowances.

unit in TZS million

Year	Other Charges	Personal Emoluments	Development	Total
2001-2002	1,104	605	200	1,909
2002-2003	983	913	80	1,976
2003-2004	1,163	1,296	50	2,509
2004-2005	1,090	1,090	50	2,230
2005-2006	1,490	1,540	100	3,130
2006-2007	1,304	3,999	692	5,995
2007-2008	1,017	4,759	500	6,276
2008-2009	1,017	4,735	1,041	6,793
2009-2010	1,017	6,390	2,241	9,648
2010-2011	1,017	8,920	-	9,937
2011-2012	1,141	10,055	-	11,196
2012-2013*	678	6,589	-	7,267



□ ICT facilities and Local expertise

- The educational model of open and distance learning has a heavy reliance on ICT infrastructure for its core functions.
- OUT equipped 14 regional centers out of 29 with ICT labs
- Development of systems in-house
- Consultancy (skilled staff difficult to maintain due to low wages)
- Trained staff
- These initiatives need sustainability, which means more funds

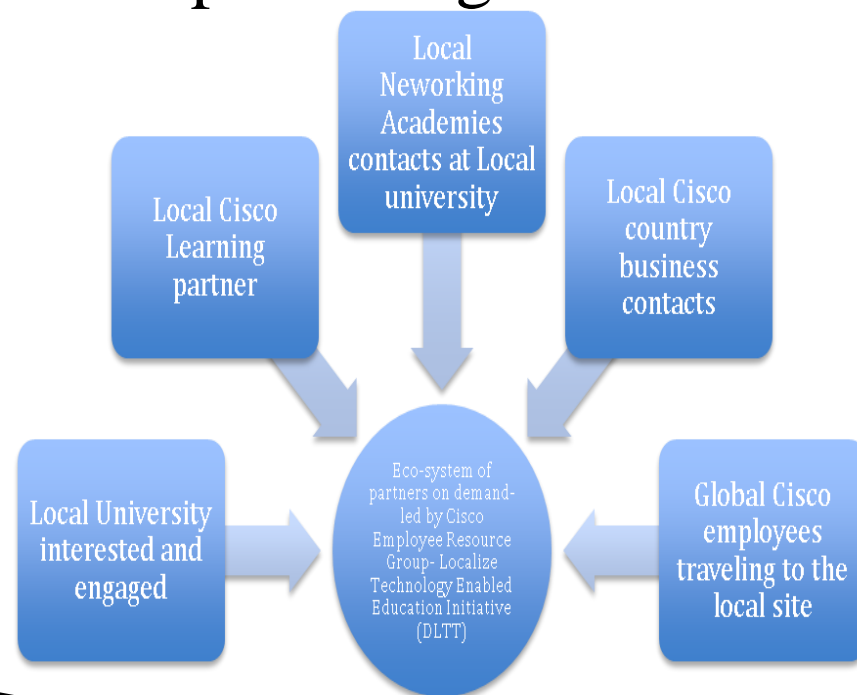


❑ Donor funded projects

- Provide great support to the University, but
- Their sustainability beyond donor funds seems daunting

❑ Multi-stakeholders partnership-seems promising

- NSRC and Cisco – Capacity building
- TERNET and Internet2 – Capacity building
- Google – through education apps





□ Engagement with local community

- As part of its agenda of giving back to the community, OUT has established 11 ICT community labs where the general public attend basic, intermediate, and advanced ICT skills.
- Underserved professionals take up this opportunity

Region	OUT Students Lab	ICT Community Skills Lab
Kinondoni	1	1
Mbeya	1	1
Shinyanga	Nil	1
Mwanza	1	1
Iringa	1	1
Kilimanjaro	1	Nil
Arusha	1	Nil
Kigoma	1	1
Ruvuma	1	Nil
Mpanda	1	1
Singida	1	1
Tanga	1	Nil
Manyara	Nil	1
Temeke	1	Nil
Ilala	1	Nil
OUT HQ	1	2
Total	14	11



□ Economic opportunities

2. Voice TeleCom Subscriptions

2.1 Subscriptions per Operators

	VodaCom	AirTel	Tigo	ZanTel	TTCL	Benson	SasaTel*	TOTAL
July 2012	8,565,430	7,694,586	5,736,112	2,417,999	224,219	1,054	5,448	24,644,848
Aug 2012	8,780,620	7,865,441	6,164,518	2,435,846	222,393	1,007	5,148	25,474,973
Sept 2012	8,967,269	8,001,689	6,244,050	2,488,458	220,899	924	4,810	25,928,099
Oct 2012	9,132,703	8,121,079	6,295,765	2,835,829	218,792	872	5,448	26,610,488
Nov 2012	9,246,578	8,232,258	6,332,990	3,039,265	218,792	744	5,148	27,075,775
Dec 2012	9,357,672	8,356,095	6,370,796	3,083,889	221,663	725	4,810	27,395,650

* The statistics are as at March 2012

- OUT and SUA using Moodle and mobile learning to train agricultural extension officers
- ICT and entrepreneurship short course

POULTRY COURSES

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[The project intends to transform smallholder livestock farms into profitable enterprises \(Livestock Enterprises\).](#)

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Available Courses

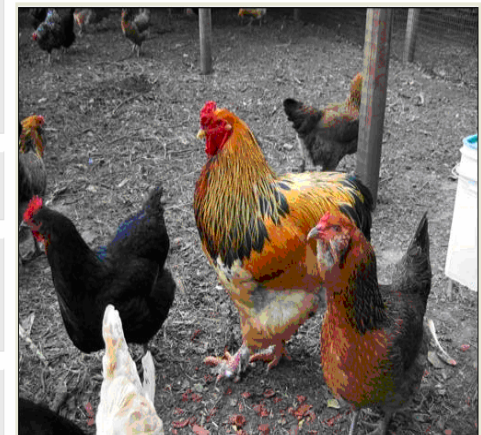
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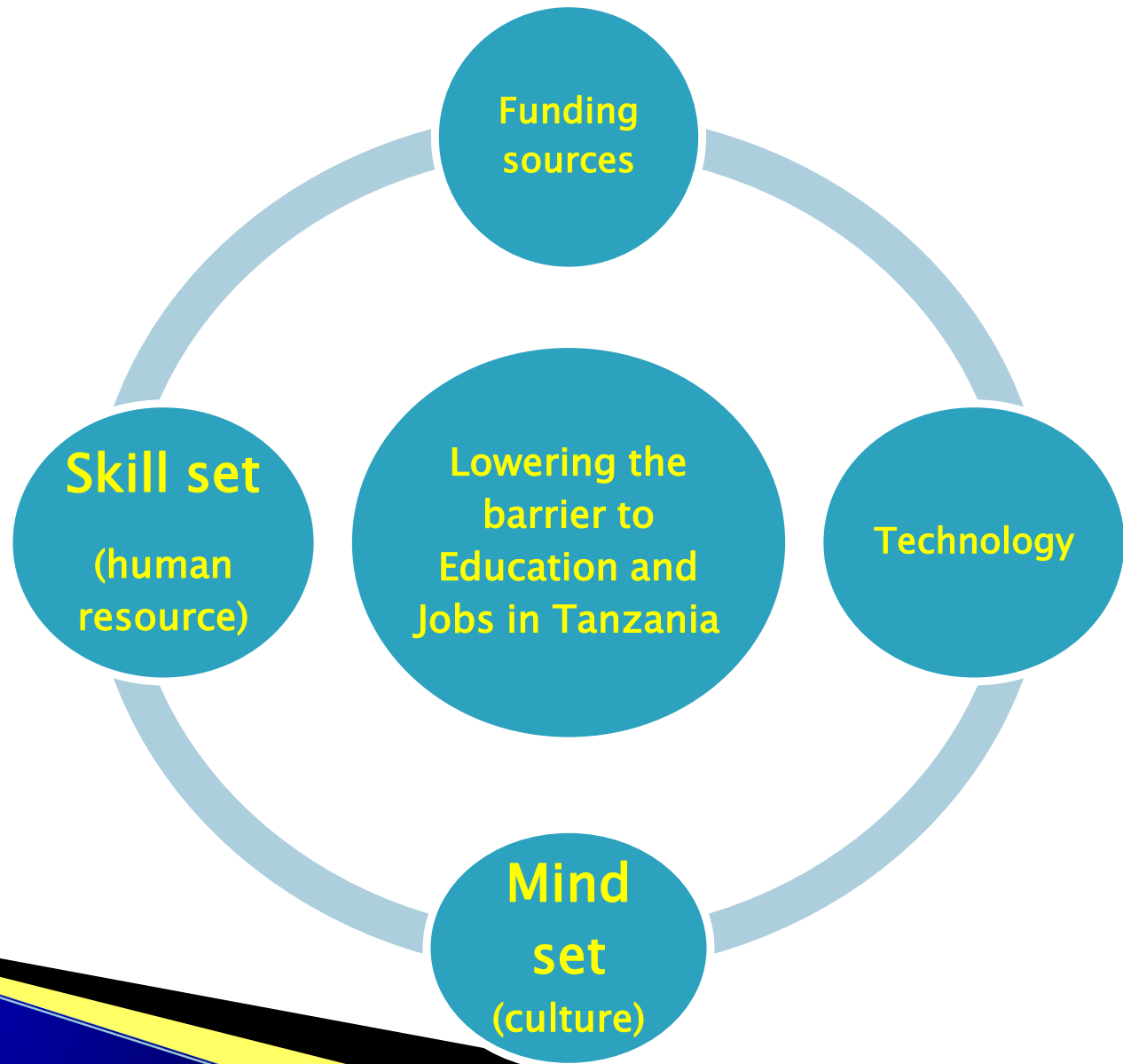
[MANAGEMENT](#)



This is course management information system which is mainly based on the poultry courses. The courses developed are for Diploma and Certificate



□ Ultimate barrier to change





□ Future

- 29 Regional centers to be regional colleges
- District centers within the regions
- Capacity building in ICT and entrepreneurship skills at the district level.
- Regional development planning (ownership by the local government)
- Self income generation
- Multi-stakeholders involvement