ITOCA: Harnessing the power of ICTs

research4life
HINARI · AGORA · OARE · ARDI

Africa focus

Information Training and Outreach Centre for Africa

What are we all about?

MISSION

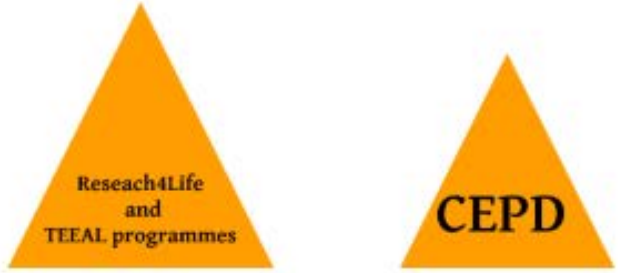
To build capacity amongst the research and education communities in the latest information tools and advocate for the adoption of new technologies that drive development in Africa.

Capacity building organization aimed at enhancing information and communications technology (ICT) skills for mainly

- African librarians,
- info specialists,
- scientists,
- researchers and
- students

in SSA region

ITOCA runs several capacity building programmes:



Reseach4Life and TEEAL programmes

Need for increased production, access and use of research output in Africa

Increased costs of staff development /training

F2F training is effective but expensive

Online training tools/approaches working but of limited use

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Online training tools/approaches working but of limited use

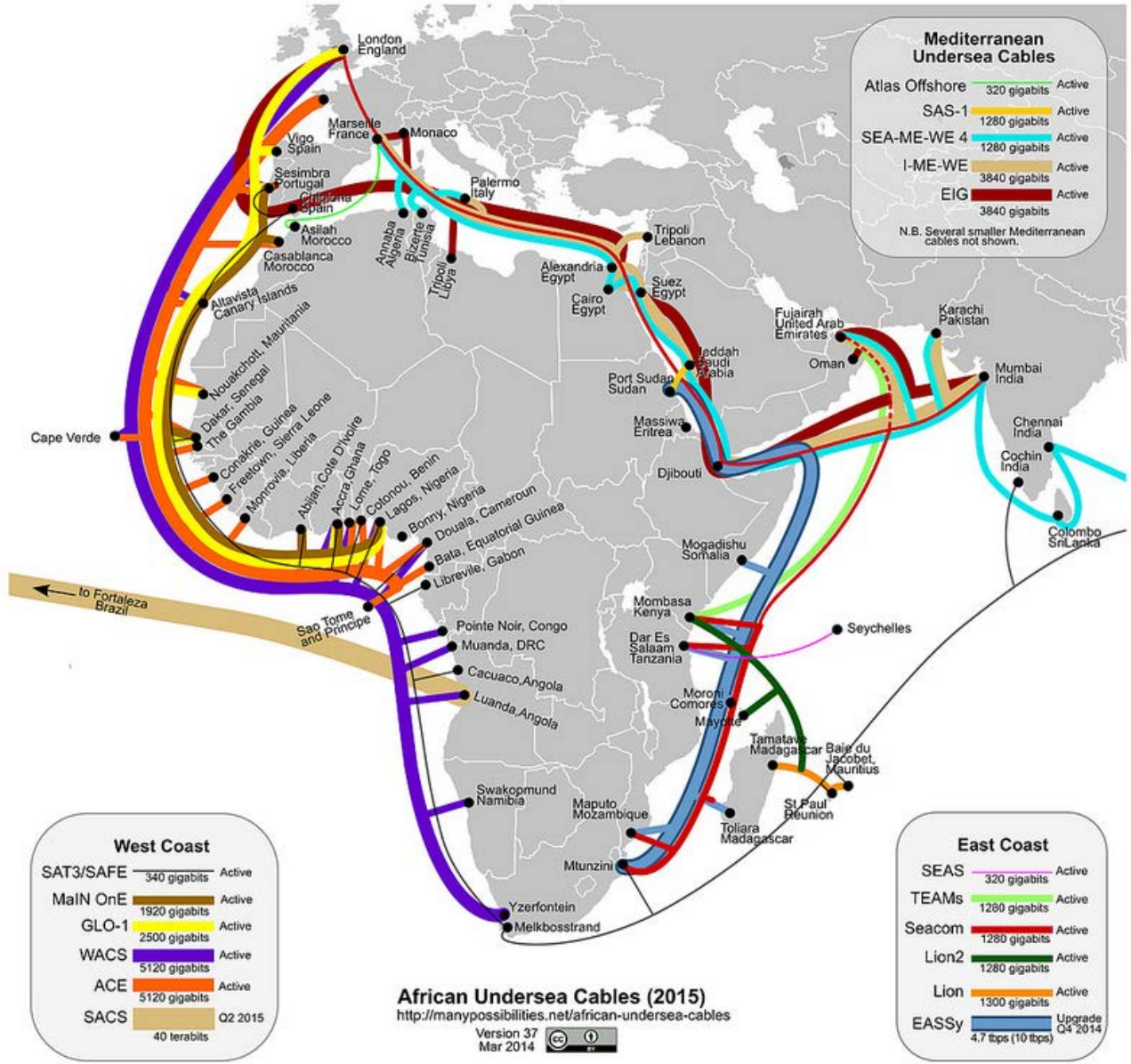
Workshops are coordinated and funded through collaborations

Collaborative effort: FAO, WHO, UNEP, WIPO, CTA, IDS, Cornell and Yale Universities, Funding agencies, local institutions

Local support (hosting, funding, etc) by universities and research institutions

Digital access challenges in Africa

- Training budgets support decreasing
- Significant rise in costs for delivering F2F training
- Distance Online courses complementing F2F
- Internet infrastructure & bandwidth challenges


Mediterranean Undersea Cables
Atlas Offshore 320 gigabits Active
SAS-1 1280 gigabits Active
SEA-ME-WE 4 1280 gigabits Active
I-ME-WE 3840 gigabits Active
EIG 3840 gigabits Active
N.B. Several smaller Mediterranean cables not shown.
London England
Marseille France
Monaco
Vigo Spain
Sesimbra Portugal
Chipiona Spain
Asilah Morocco
Casablanca Morocco
Palermo Italy
Annaba Algeria
Bizerte Tunisia
Tripoli Libya
Tripoli Lebanon
Alexandria Egypt
Cairo Egypt
Suez Egypt
Altavista Canary Islands
Nouakchott, Mauritania
Dakar, Senegal
The Gambia
Cape Verde
Conakrie, Guinea
Freetown, Sierra Leone
Monrovia, Liberia
Abijan,Cote D'Ivoire
Accra,Ghana
Lome, Togo
Cotonou, Benin
Lagos, Nigeria
Bonny, Nigeria
Douala, Cameroun
Bata, Equatorial Guinea
Libreville, Gabon
to Fortaleza Brazil
Sao Tome and Principe
Pointe Noir, Congo
Muanda, DRC
Cacuaco,Angola
Luanda,Angola
Swakopmund Namibia
Yzerfontein
Melkbosstrand
Fujairah United Arab Emirates
Oman
Jeddah Saudi Arabia
Port Sudan Sudan
Massiwa Eritrea
Djibouti
Mogadishu Somalia
Mombasa Kenya
Dar Es Salaam Tanzania
Moroni Comores
Mayotte
Maputo Mozambique
Mtunzini
Toliara Madagascar
Tamatave Madagascar
Baie du Jacobet, Mauritius
St Paul Reunion
Seychelles
Karachi Pakistan
Mumbai India
Chennai India
Cochin India
Colombo SriLanka
West Coast
SAT3/SAFE 340 gigabits Active
MaIN OnE 1920 gigabits Active
GLO-1 2500 gigabits Active
WACS 5120 gigabits Active
ACE 5120 gigabits Active
SACS 40 terabits Q2 2015
East Coast
SEAS 320 gigabits Active
TEAMs 1280 gigabits Active
Seacom 1280 gigabits Active
Lion2 1280 gigabits Active
Lion 1300 gigabits Active
EASSy 4.7 tbps (10 tbps) Upgrade Q4 2014
African Undersea Cables (2015)
http://manypossibilities.net/african-undersea-cables
Version 37
Mar 2014

Thank You

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