Role of Telecentres in e-Education

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Today I will be speaking about

- what is the global Telecentre movement
- what is GDCO Sudan
- GDCO e-education projects
  - Gedaref university e-infrastructure support & telemedicine
  - Out of school children e-Education
  - People with disability e-Learning
- other Telecentre e-Education and innovation tools
- future of e-Education projects (portable telecentres)
- Short movie about the projects
Telecentre??

- Telecentre is a public place
- Telecentre.org is the initiative of?
- Telecentre.org foundation is strong win-win PPPP
Global Telecentre Movement Network

http://community.telecentre.org/profile/AH MED

Network of 87534 Telecentres, 76 national Telecentres network in 52 countries and 6 regional networks
Gedaref Digital City Organization
GDCO Sudan??

- GDCO is NGO (civil society) founded in partnership with DSE Netherlands
- It is part of the Telecentre movement chaired by Microsoft
- Winner of 7 international ICT4D awards
- DSE donated 750 computers to GDCO and many e-projects were developed

e- India 2007 award

e- India 2008 award

e- India 2009 award

eWorld 2011 award
GDCO Sudan

- GDCO is a win-win PPPP sharing knowledge, experience and best practice. It is big blogger.
- Founder of 1st Telecentre academy in Africa, Middle East and 13th in the world (SuNTA) 2008.
- Member of UN-ESCWA knowledge network for marginalized community.

10,000 US $ award

Best Telecentre album
2011 Philippines

Sudanese best NGO
ICT award 2011
شمال الدارفور، جامعة دارفور، أن مناحة نقطة الضماط الرقمية قد قامت بها جمعية المطالبة ل права الإنسان في دارفور، لضمان حقوق الإنسان في جميع أنحاء العالم. وقد تم إقرارها بتطوير القدرات الرقمية للجميع.

الجامعة تقدم خدماتها عبر الإنترنت إلى المتعلمين، بحيث يمكنهم الوصول إلى الموارد التعليمية والناقلة الخاصة بهم.

من ناحية أخرى، تحتفل الجامعة بدورتها السنوية الثالثة بتحقيقها الرهيب في مجال القدرات الرقمية. وتمت هذه القدرات على مدار معرض في كلية الطبさまざま القضايا الرقمية بتعليم الوحدة العلمية ومدارسها، على أن يساهم هذا المعرض في تطوير القدرات الرقمية وحقوق الإنسان، وتعزيز الاختيارات الرقمية.

وهنا الإحالة

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سامح عيسى، رئيس الجامعة
Gedaref University e-Infrastructure support

**Implementation (Tools)**

- Donation of 120 computers to Gedaref university
- Donation of telemedicine unit (228 square meters)
- Donation of 2 e-Libraries units (22 square meters each)
- Donation supporting the telemedicine unit with HD camera, 60 computer tables and 60 chairs, 2 projectors and laptop

ICT College  telemedicine
Telemedicine (very soon)

- training and skill development for medical staff and students
- Treating sick people online
- strong win-win PPPP
Supporting the establishment of Telecentres in the centers or school and civil society organization linked to PWD with more than 150 computers and 25 laptops.

Starting to build Gedaref deaf school (El-amal) by Kuwait organizations and supported by of 4 projectors and 4 laptops by SPEG.

Ultra sound stick and 200 blind stick & early discovery deaf instrument, beryl printer and beryl holly Quran.
people with disability (Achievements)

- GDCO train people with disability free
- Provide some of them specially the deaf computers and laptops to keep at home to practice and communicate
- Social e-inclusion through ICT
- Deaf are using internet chatting and email instead of sign language
- reduce time of training
Challenges

- ICT is not part of the culture and not priorities in many developing counties.

- People with disability are excluded or ignored in many things specially ICT and there is an inequality.

- Poverty & Big digital divide (gap).

- Limited number of students in the class rooms for deaf.

- There is no high school for deaf and no centre for intellectual disabled.
There million out of school children globally, regional and in Wad-Elmoshamir village (99% illiterates)

Using solar energy for charging laptops to connect children and also used for charging mobile to sustain which increase internet penetration

Elimination of the resources of illiteracy instead of adult education

Better quality education @ low cost
Out of Schoolchildren (Pilot)
Challenges

- ICT is not part of the culture and not priorities in many developing counties
- Distances and geographical barrier in rural area
- There is no educational or medical services and no near water resources so children they have to bring it from 2 Km. far lagoons (haffers)
- Children have to go with their animals (calves) in morning and milking cows in the evening
- Big digital divide (gap)
Telecentre academy TCA

- TCA is global network of trainers & mentors
- Courses and skill you needed are online in your language and in your local Telecentre
- Courses are available all year long

TIS TALK

Engaging and dynamic educational experience

- Employability Skills
- ICT training
- Entrepreneurship
- Knowledge Workers
- ICT & Health
- Digital Literacy

In an ever changing world, Education and Training requires a NEW approach

Makes Education, Content, Training and Certification ACCESSIBLE to ALL

We deliver sustainable training that empowers people and communities
SparkLab

SparkLab is a global initiative developed by Telecentre Foundation TCF and many partners.

It make innovation and new development opportunities available for everyone & everywhere.
Other Educational tools TCA

Telecentre Women Digital Campaign TCW

1.3 million women trained in 2014
154 organizations
79 countries
GDCO organized the 5th EATLF and SuNTA was founded

SuNTA appointed Sudan open university to representative of in the TACU
Challenges

- ICT is not part of the culture and not priorities in many developing counties
- Resistance to ICT changes & and application in senior staff
- Big digital divide (gap)
- High cost of broadband and e-infrastructure specially power
- Security risk and hackers
- Distances and geographical barrier in rural area
ICT is not part of the culture and not priorities in many developing counties

People with disability are excluded or ignored in many things specially ICT and there is an inequality

Poverty & Big digital divide (gap)

Limited number of students in the class rooms

There is no high school for deaf and any centre for intellectual disabled

Children have to go with their animals (calves) in morning and milking cows in the evening
Portable Telecentre (future)?
Portable Telecentres are an integrated e-services tools

It is social business module or SME that create economic and social sustainable development.

It helps in moving services to rural areas according to the needs

Eradication of resources of illiteracy

It improve the implementation of the SDGs

Better quality of training with minim cost anywhere and at anytime
We work on MDGs & we will do 4 SDGs?