



**SDSEA**

**SILICON VALLEY**

# Profile of project area

- **Sega Silicon Valley (SSV) is a unique program for Sega, a village located in Siaya District, Nyanza Province in western Kenya. It is implemented by the Sega Community Members and Kenyans Living in the Diaspora. It aims at general improvement of living standards in Sega village. Starting from constructing indispensable infrastructure through renovating buildings, furnishing classrooms and equipping schools with necessary materials. The multiphase character of the program assumes long-term help resulting to structural changes bringing forth general development of the village. A modern ICT center available for the community**





**Before**



**After**

**K'ogere primary school**



# Site selection

- The project was accompanied by several activities that involved Segga village residents and their surrounding. The Foundation was at the same time promoting the Millennium Development Goals (MDGs) through social integration and cooperation.
- Through undertaking initiatives we managed to improve the status of Segga Police Post in order to provide the local community with professional service as well as equipments that helps in security maintenance. Renovation and electrification of the Police Post brought many positive changes in the village.

**NEW POLICE HOUSES**



# Description of project network

- We Provided 120 computers to 6 institutions (2 primary schools, 2 secondary schools, 1 Youth Polytechnic, 1 Community Learning Centre)
- Create computer classes (build classes)
- Created Community Learning Centre
- Connecting different schools by creating a network using fibre optic cables
- Introduce computer lessons in schools (target: to built computer literacy by all students without exception)
- Provide Internet access for all schools and Sega village
- Create websites for each school, that will be managed by the school's representatives



**SSV**



**SGPS**



**SGSS**



**POLYTECH**



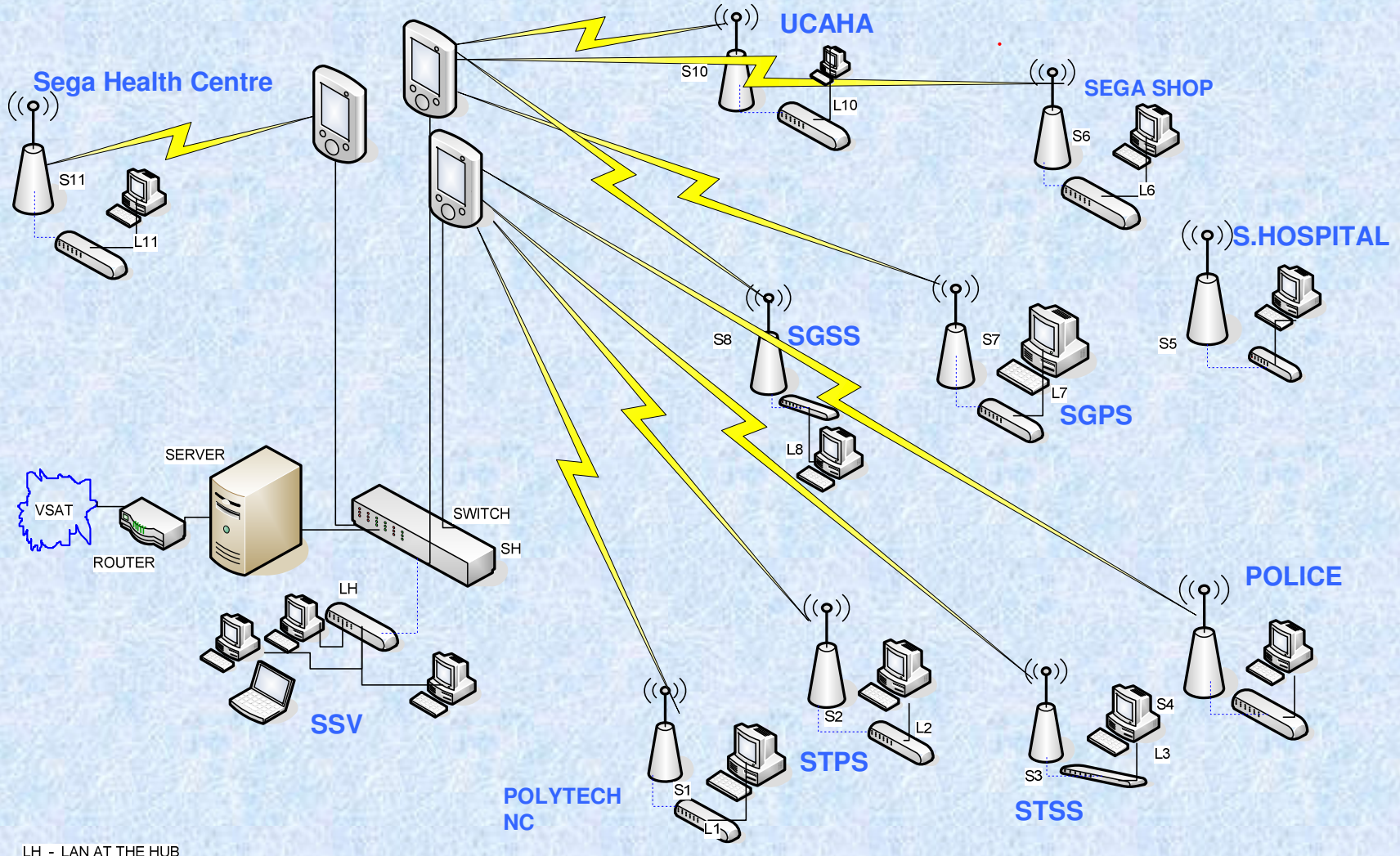
**STUDENTS**



**SGSS PRINCIPAL**



# Wireless network diagram



# **Human Resource and Capacity – available skills**

**We have Community Learning Center that also provides basic and advanced ICT trainings aimed at enhancing educational standards and develop skills for employment by empowering youth women and children.**

**Sega village residents are able to continue with education and improve livelihood. We believe as a Foundation that human resource development is crucial for the future of the whole region.**





# Financial – How is the project funded

- **The Communications Commission of Kenya (CCK) - (proposed partnership) – The CCK is the independent regulatory authority for the communications industry in Kenya. Its role is to license and regulate telecommunications, radiocommunication and postal/courier services in Kenya.**
- **Computers for Schools Kenya ([www..cfsk.org](http://www.cfsk.org)) – Computers for School Kenya.**
- **Canadian International Development Agency (CIDA) – CIDA was the first funder of one of the sub-projects of the Sega Silicon Valley project, Kogere Primary School Project.**



## Financial – how is the project funded. Conti..

- **Kenyan-Polish Forum** ([www.kenya.com.pl](http://www.kenya.com.pl))

Is a non-profit association of Kenyan professionals from Polish Universities with an interest in promoting bilateral trade, tourism, culture and economic ties between Poland and Kenya. Through their expansive and influential network, KPF supports Simba Friends Foundation by organizing fund raising and cultural events in Poland and in Kenya towards raising awareness and funds for the Segga Silicon Valley project



# Financial – how is the project funded. Conti..

- **Computers for Development ([computersfordevelopment.org](http://computersfordevelopment.org))**

Is Dutch-based agency whose aim is to promote the use of refurbished computers or other hardware for sustainable development through the use of ICTs in Education. CFD will donate refurb computers to Sega ICT training and resource centre and will assist in establishing the refurb centre at Sega given their extensive experience.

- **Sky web-Evans Company Ltd.**

Is an ISP, international call centre and data conversion services company, which provides employment opportunities for young people through the services they offer to their clientele.

- **Kimathi Information Centre (KIC) –**

- KIC is a youth-owned community-based organization, which runs a successful ICT youth centre to introduce young people in Kenyan slums to IT and mobilize them for socio-economic development and self-reliance. KIC is helping Simba Friends co-ordinate the Kibera football project.



# Regulatory environment – is wireless and VoIP legal?

- **YES. BOTH ARE LEGAL SERVICES PROVIDED BY INTERNET SERVICE PROVIDERS (ISPs)**

# Business models

- To provide basic computer training for over 2000 people.
- To provide specialised computer training for over 100 people.
- Connecting different schools by creating a network using fibre optic cables.
- Provide Internet access for all schools and Sega village.
- To work with local government to promote e-government and to make government information more accessible to the community.
- Start Sega Internet Café and a call centre.
- Introduce environmental programme (nursery creation and tree planting) landscaping.
- To obtain a deeper understanding of the role and potential of ICT in rural communities.

# Challenges & Lessons learned

- Working in a rural setup SSV is challenged in myriad ways especially when it comes to Information Technology and its application. There is need therefore of *demystifying and simplifying* ICTs for rural folks and consumers.
- Frequent power cut-outs were experienced. This was a considerable problem due to interruption of training, loss of work and damage of equipment
- Internet connectivity was far from Sega and often slow or intermittent, due to poor infrastructure
- Due to the cost of establishing a CTLC, only six were established. This in turn meant that the number of people trained was lower than we hoped to train.

# Way forward

- **Sega schools and the ICT Centre are becoming self-sufficient information points, which will provide the residents with information and technology.**
- **Schools offer pupils much better standards of education, more interesting and innovative classes that are a motivation not only for pupils to study, but also for teachers to work and build their knowledge.**
- **ICT Centre will become a training place for adults seeking to complete or develop their education, but most of all it shall give an impetus to young people and encourage them to extend knowledge. Access to modern technology is a visible opportunity for the whole region; people who are given the educational base and permanent Internet connection will be encouraged to go for self-dynamic development.**

***KARIBU Kenya***

***KARIBU***



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