

development projects



Information Technology Training



Elandsdoorn and Sondagfontein Bakeries



The Johan Cruijff Foundation Sports Project



The Ndlovu Nappy Factory



Moutse Community Radio Station



Monuta Home



Hlanzekani Waste Project

Ndlovu

 Ndlovu medical centre was built in 1994 and provides combination of private and public health care in addition to a range of community development activities. The township is a previous disadvantaged community. The medical centre serves as a community centre, and has several facilities that the community has access to (post office, vegetable gardens, waste removel, etc).

Some of Ndlovu's Activities

- Integrated Primary Health Care, TB and HIV/AIDS Care
- Providing information, awareness and education on health related issues
- Enhancing ownership of personal well being
- Improving community livelihoods
- Public sports grounds with fitness centre
- A computer training facility
- A nappy factory
- Bursaries for promising youth
- Waste collection and recycling program
- 28 community supported water supply projects

Area: Elandsdoorn

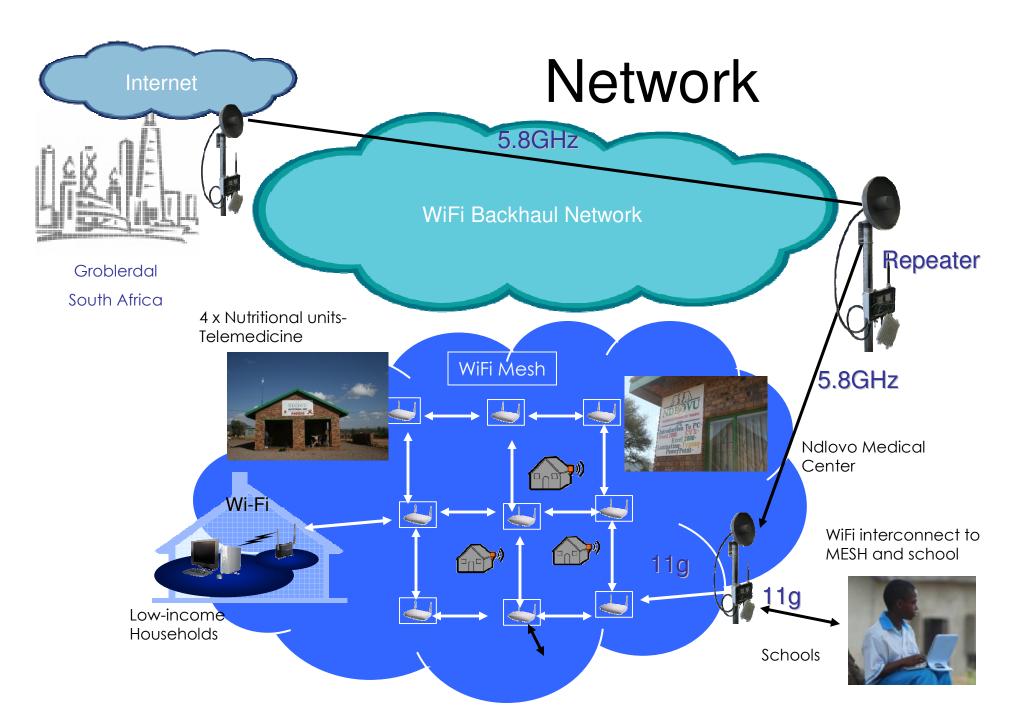
- Township called Elandsdoorn in the Moutse district, located on the R25 between Bronkhorstspruit and Groblersdal
- Approximately 40K- 60K people in 10x8 km area
- Mesh will serve schools nutritional units, pre schools, computer school and the general population.
- High rate of unemployment with statistics showing that only 2% of high school graduates find a job within 2 years of graduating
- Limited PC literacy enablement
- The entire area has access to the Eskom power grid
- Load shedding is currently not taking place
- Generators and UPS systems currently only exist at the Computer school and Medical Centre

Site selection

- People are very aware of their need to communicate this can be seen by the large presence of cell phones in even this very poor community
- Current ICT infrastructure include Cellular, television including DSTV, Telephone and Fax. The only Broadband provider in the area is CTEC but is unaffordable for most even for the cheapest package
- A huge need exist for Entertainment and Affordable broadband internet and also Educational Services
- Currently progress on our mesh has been halted due to some governmental issues regarding the telemedicine component of our mesh.

Need For Entertainment

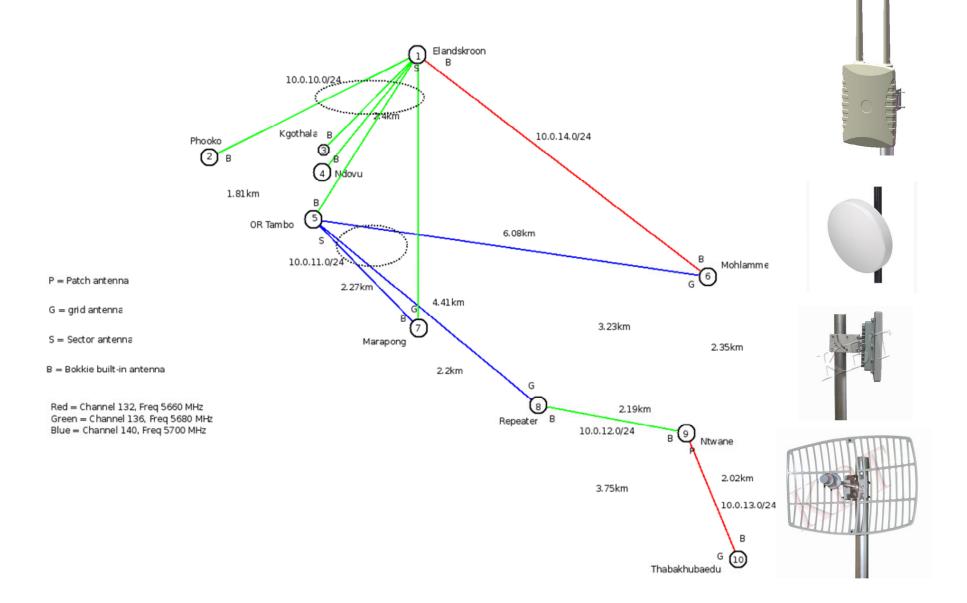




Community centers

- Currently only the local nodes exists
- All the units are running on grid power provided by the national provider.
- Currently we are in the process of getting the telemedicine issue sorted out with the DOH
- Funding is available for the next 3 years after which the project must become self sustainable

WiFi Mesh Design



Partners

- Elandsdoorn Development Trust
- Intel
- Meraka (Living Labs)
- Telkom Foundation
- Eskom
- Possible partnership exists with Right To Care through WHO involvement once Telemedicine issue is sorted

Challenges & Lessons learned

 As we are still in an early stage most of the challenges still lie ahead.

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Way forward

- 20 donated PC's will be given away to community members that present the best business concepts through means of a competition
- The Computer School will also be used for skills development and also creating exposure and awareness.
- If this project proves successful then we would like to replicate the entire concept at our Lillydale Clinic near Hazyview

