



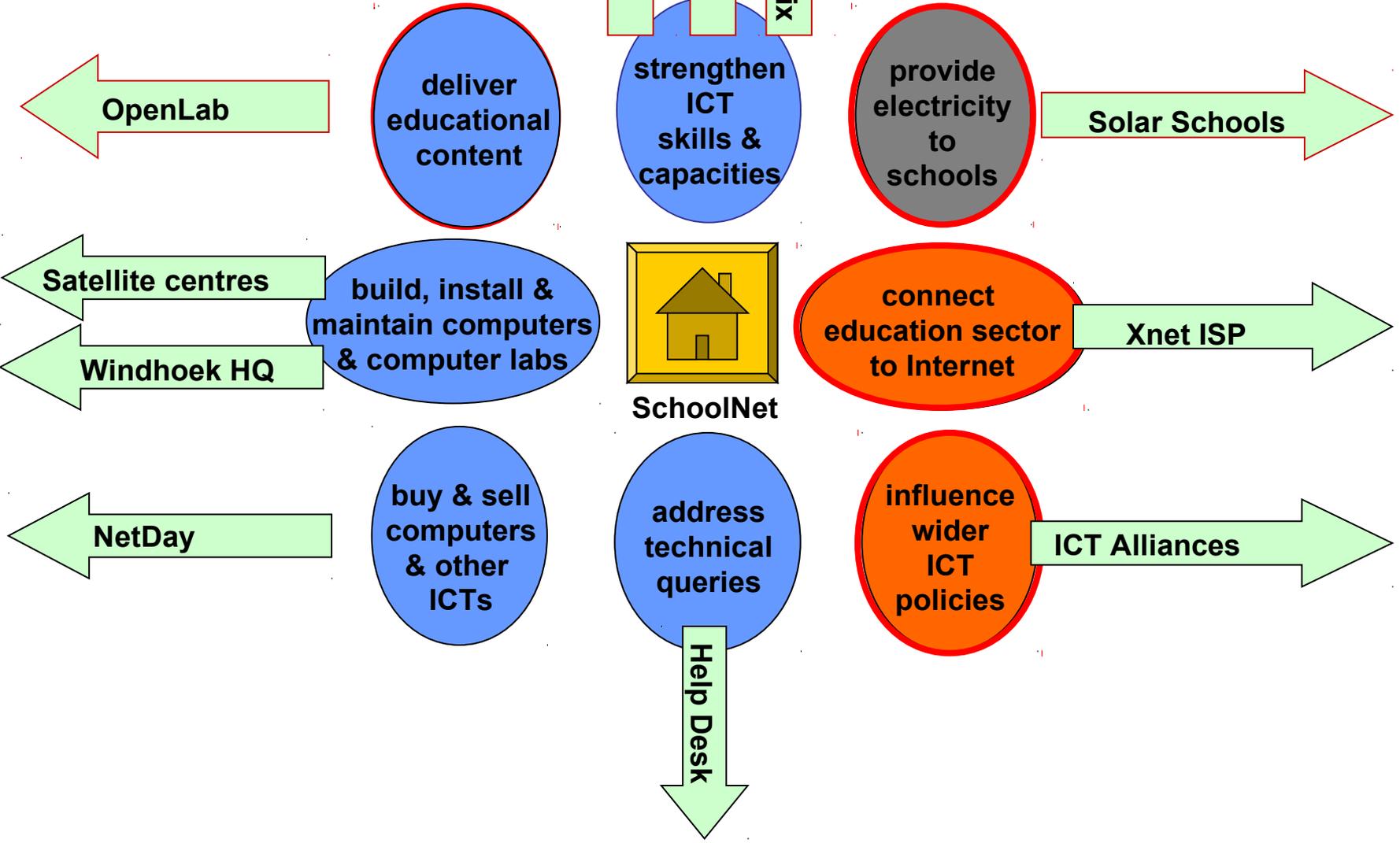
# Rural Schools...what gives??



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# What is SchoolNet?

↑ Learning  
↑ Volunteers  
↑ HAI TI Comix



## **3-5-year cost of ownership/support model**

400+ educational clients (300+ schools)



**With an innovative and affordable  
ICT solution for schools!**

# Open Source, Content, Education & Standards

Image from Haiti! removed (incompatible license).

Source: top left block of <http://www.schoolnet.na/haiti/page10.html>

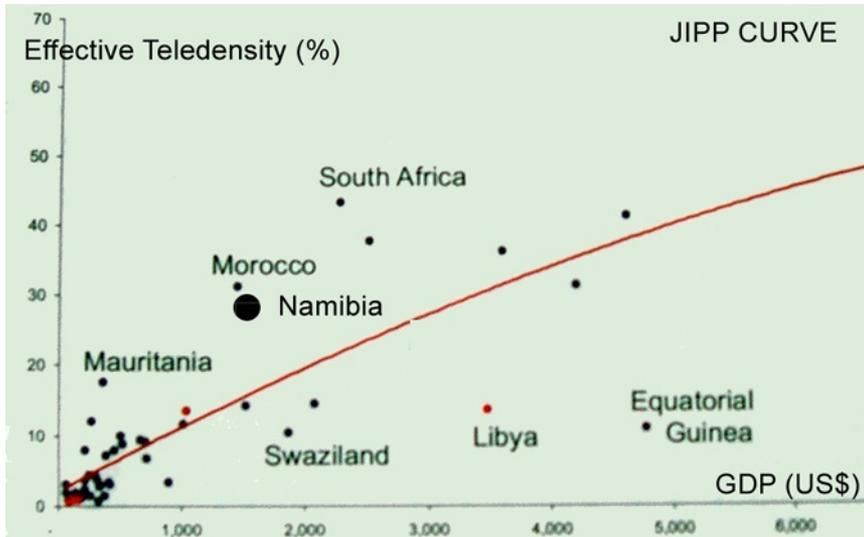
The image showed a cartoon of several people around a PC talking about what SchoolNet offers: computers running OpenLab, technical service support (the school just pays for the Internet), software (productivity applications, curriculum-based learning resources, ...) and Internet access.

# ICT Policy Implementation Plan 2005 onwards:

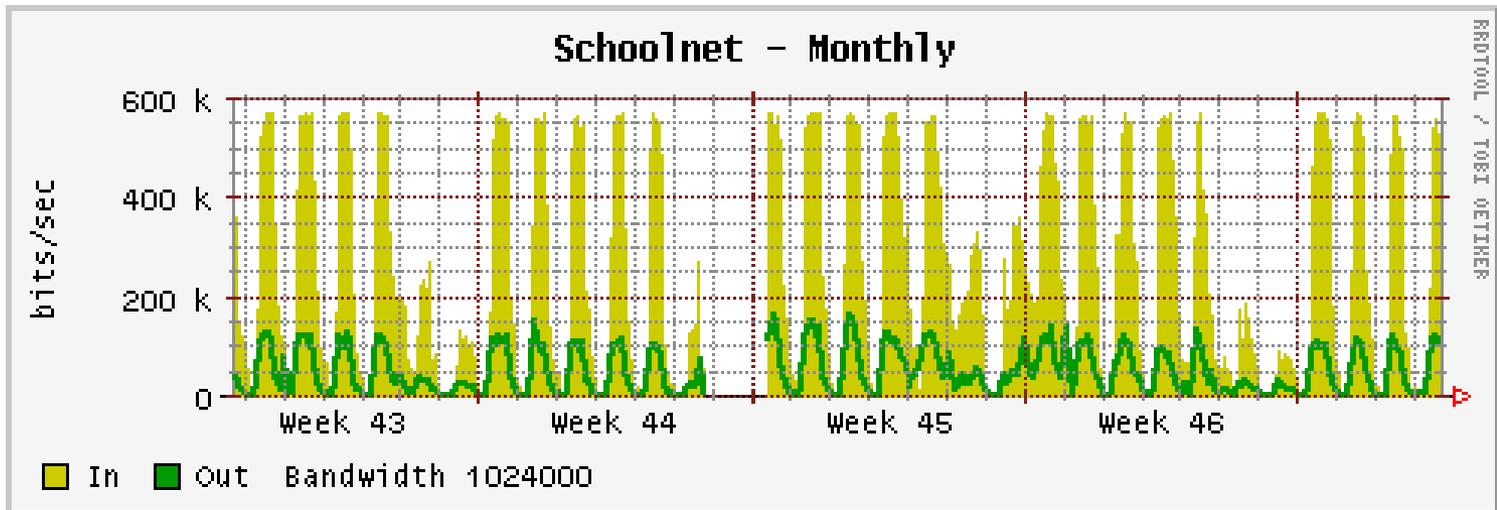
## Prognosis for a **realistic** Total Cost of Ownership (TCO) model In Namibia (1640 schools, 4 teacher colleges)\*

**690** schools given electricity  
**28-36,000** computers every **THREE** years  
at very least **1640 ICT-literate teachers**  
**Decentralised** technical service capacity  
**<N\$ 300/month/school (all TCO services)**  
**Flat-rate 24/7 internet access**  
**Empowerment of Educators**  
**Localisation/Repurposing of E-content**

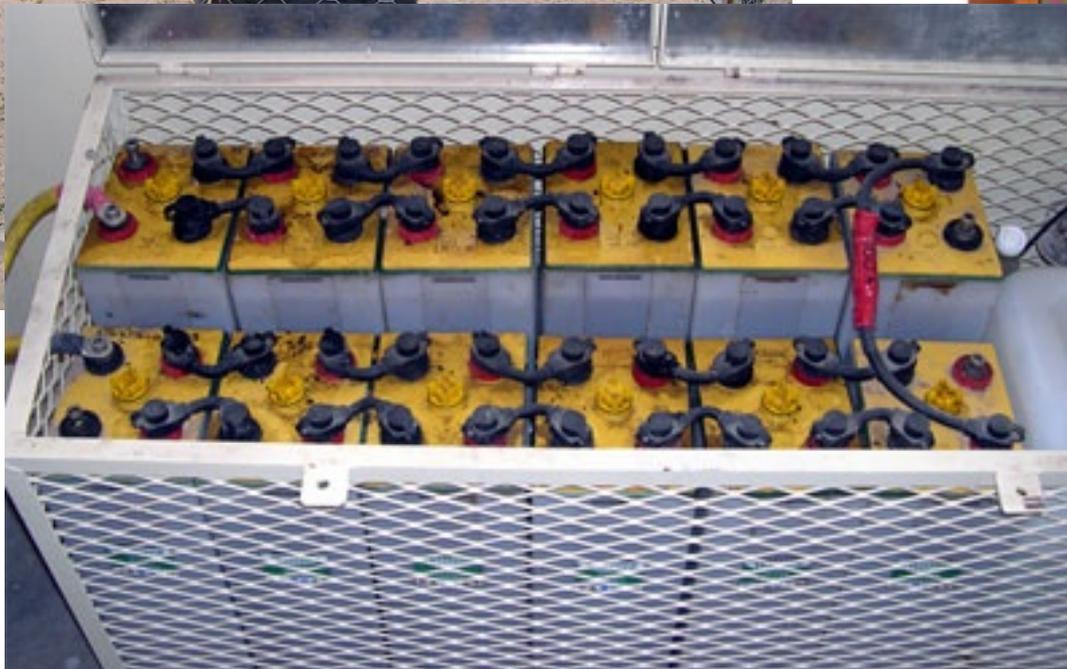
\* ±600,000 learners, 17,000 teachers



# Creative convergence!



# SCHOOLNET USES



**BEAUTIFUL  
TECHNOLOGY!**

# what happened to our solar schools ??

| School                         | region    | history (since 2003)            | future (2007/8)  | Internet     |
|--------------------------------|-----------|---------------------------------|------------------|--------------|
| Enyana Combined School         | Ohangwena | inverter blow, OK               | solar            | out of range |
| Oluwaya Combined School        | Ohangwena | batteries blow, OK              | solar            | out of range |
| Oshisho Junior Primary School  | Ohangwena | OK                              | solar            | out of range |
| Ekoka Combined School          | Ohangwena | OK                              | solar            | out of range |
| Hainyeko Junior Primary School | Ohangwena | OK                              | solar            | out of range |
| Onamahoka Combined School      | Ohangwena | panels stolen 2006 & 7          | solar            | wifi         |
| Onepandaulo Combined School    | Ohangwena | batteries blow, OK              | grid electricity | wifi         |
| Oshekasheka Combined School    | Ohangwena | panels stolen, grid electricity | grid electricity | wifi         |
| Onamunama Combined School      | Ohangwena | OK                              | grid electricity | wifi         |
| Eemwandi Combined School       | Omusati   | OK                              | solar            | wifi         |
| Ekangolinene Combined School   | Omusati   | panels stolen                   | grid electricity | wifi         |
| Elombe Combined School         | Omusati   | OK                              | grid electricity | wifi         |
| lipandayamiti Combined School  | Omusati   | OK                              | solar            | wifi         |
| Okanimekwa Combined School     | Omusati   | panels stolen                   | solar            | wifi         |
| Omutundungu Combined School    | Omusati   | OK                              | solar            | wifi         |
| Onamhindi Combined School      | Omusati   | panels stolen                   | solar            | wifi         |
| Ongolo Combined School         | Omusati   | OK                              | grid electricity | wifi         |
| Oshilemba Combined School      | Omusati   | OK                              | solar            | wifi         |
| Uushwa Combined School         | Omusati   | OK                              | solar            | wifi         |
| Oshuungu Combined School       | Omusati   | panels stolen, grid electricity | grid electricity | wifi         |
| Omuhamama Combined School      | Oshana    | panels stolen                   | grid electricity | wifi         |

# What proposal for the 805 schools without electricity?

Low Cost (<N\$1000), low Power (< 40W/PC) ICTs

Direct Energy Sector **Engagement** with ICT Sector

Electricity roll-out to match **national** ICT Implementation Plan

Re-alignment of Rural Electrification Master Plan

Multi-sectoral stakeholder participation e.g., ICT Alliance

**SCALE (ABILITY)**

**Capitalisation - 690 x N\$ 110k = N\$ 76 million**

(Annualisation - 690 x N\$ 2k/annum = N\$ 1.5 million/annum)