



Ministry for ICT, 25Feb2020, Kampala, ICT

National Knowledge Portal

-

Digital Inclusion and Societal Empowerment

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Our vision is

to improve **the life of **every** human**

through free **access to information**

on the **Internet**

Starting Point:

JOSEPH E. STIGLITZ
WINNER OF THE NOBEL PRIZE IN ECONOMICS



THE PRICE OF INEQUALITY

HOW TODAY'S DIVIDED SOCIETY
ENDANGERS OUR FUTURE

Affordable Energy & Internet Lite for All

the catalysts for the goals

Showcase

“Non discriminating access”
project

- funded by RCN and Mfa/Norad (14.9 MNOK for 2017-2020)
- Tanzania: digital health
- Mali: energov



Energy & Internet Lite for All
Target 7.1&7.2 Target 9.C Target 16.10

Challenges

- Costs of Access
 - ➔ School connectivity (SDG indicator 4.A.1)
 - ➔ Digital Health for primary health facilities
 - ➔ Community involvement/digital transformation
- Digital Content
 - ➔ School/Health/Community info
 - ➔ Uganda Knowledge Portal (UKP)
 - ➔ Digital Public Goods (UN, UNICEF)
- Free access to Uganda Knowledge Portal



United Nations High Level Panel on Digital Cooperation

- Jun2019 report: Recommendations
 - ➔ Inclusiveness
 - ➔ Digital Public Goods (DPGs)

1A: We recommend that by 2030, **every adult** should have **affordable access** to digital networks, as well as **digitally-enabled** financial and **health services**, as a means to make a substantial contribution to achieving the **SDGs**...



1B: We recommend that a broad, multi-stakeholder alliance, involving the UN, create a **platform** for **sharing digital public goods**, ...

EAC:
- Akaliza (RW)
- Nanjira (KY)
- Bogolo (BW)

Target Groups in Digital Empowerment

- We bring Internet access to rural villages with **high rates of illiteracy**.
- People of all ages and genders
 - ➔ Simple solution for everyone
 - ➔ primary focus on the **young generation, especially girls and women**.
- Further stakeholders are **governmental institutions** (e.g. ministries of education, health, agriculture, rural development), **village chiefs** and other **local authorities** like school directors.



Local presence - Village Platform

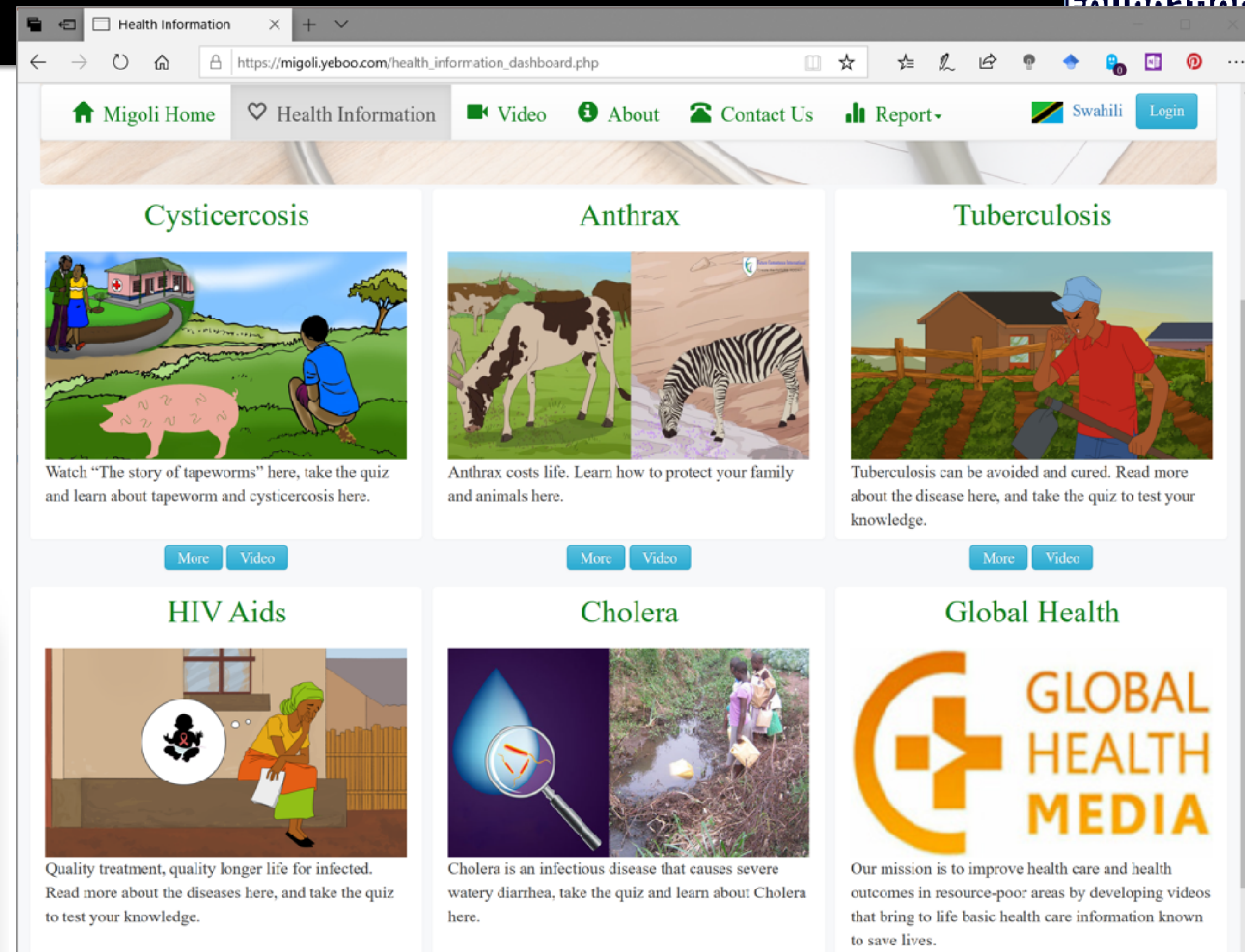
<http://Yeboo.com>



**Village server
with locally stored
information on
health care etc.**

**The website will
contain locally stored
information on**

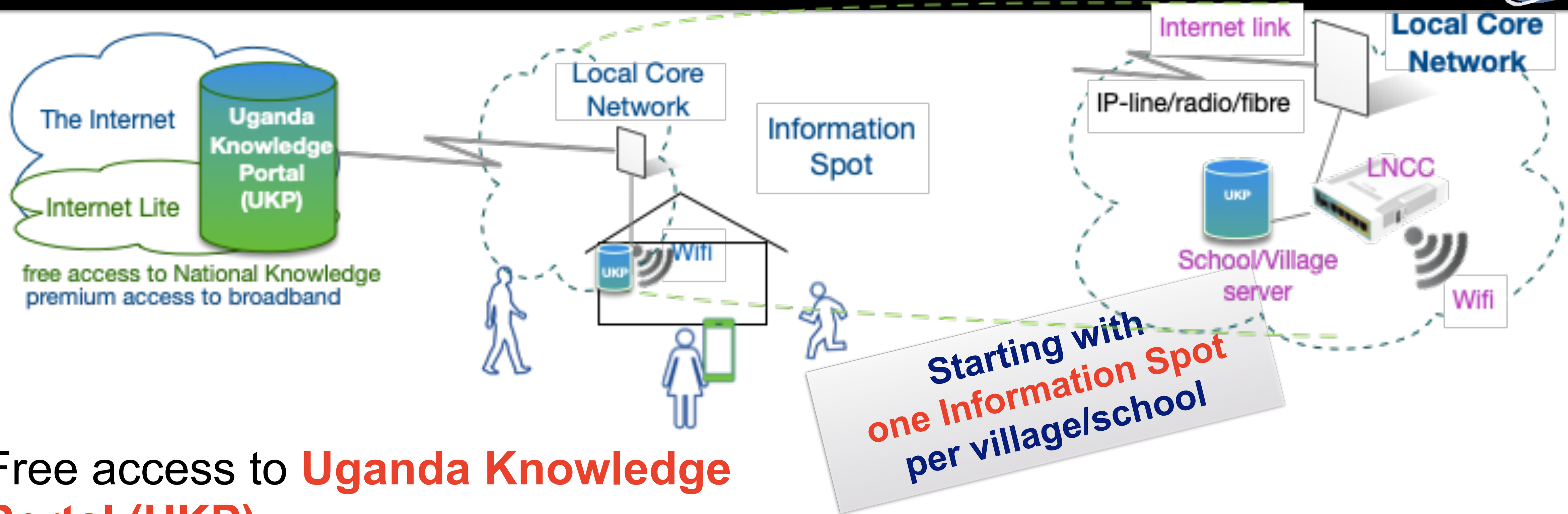
- Health
- Entrepreneurship
- Education
- Agriculture
- Financial inclusion
(e.g. via Women
Community Centers)



Exemplary: Digital Health Information

Digital Inclusion

Free Access to the Uganda Knowledge Portal



- Free access to **Uganda Knowledge Portal (UKP)**
 - ➔ **Architecture** with **lite**weight and **heavy** UKPs
 - ➔ Scalable to include Digital Public Goods (DPGs)

- Ensure: digital inclusion
- Ensure **Network Neutrality**
 - ➔ Content type filtering

Success Stories

- 7 countries: TZ, KY, GH, ET, DE, NO, MY
- 10 villages in Tanzania, now: pilot connecting 10 schools
- Extraordinary knowledge uptake in digital health

Snapshots from website, HIV and Cysticercosis animations



First Results: **Knowledge increase in**
Cysticercosis (TSCT) **60%**
Tuberculosis **30%**
HIV/AIDS **13%**

Success story: Selela Market Place



- Antenna in 6 m height
- Reaches Tigo tower > 20 km away

Izazi



Installation time: 1,5 h
catching the signal from the Vodacom
tower in Migoli (~10km away)



Antenna

Village office

Catherine Kimambo - Connecting Kiparang'anda Village



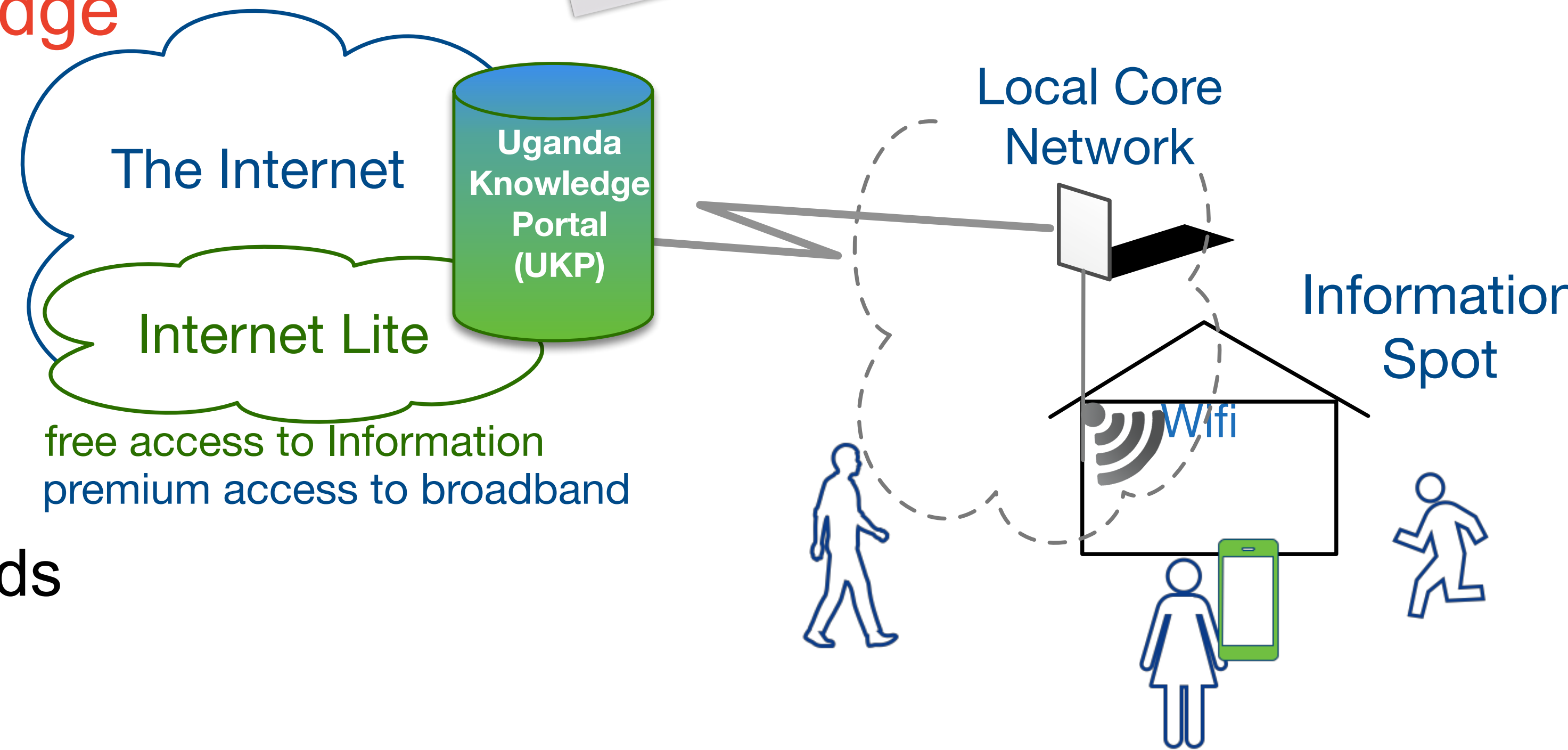
Connecting Kiparang'anda
<https://vimeo.com/368147538>

Conclusion

“Digital Empowerment for All”

- **Energy, Digital & Health**, the building blocks for societal empowerment
- Free Access to **Uganda Knowledge Portal (UKP)**
 - and **Digital Public Goods**
 - Free: **text, pictures & local video**
 - **Premium: broadband services**
- **Village Information Spots**
 - Free access to Digital Public Goods
 - **Energy** usage
 - **Health**
 - **Education**
 - **Entrepreneurship**, e.g. Agriculture

**Starting with
one Information Spot
per village**



7.1 & 7.2

16.10

9.C

3.3, 3.4, 3.D



Core people of our team (11 partners from 9 countries)



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Dr. Bernard Ngowi
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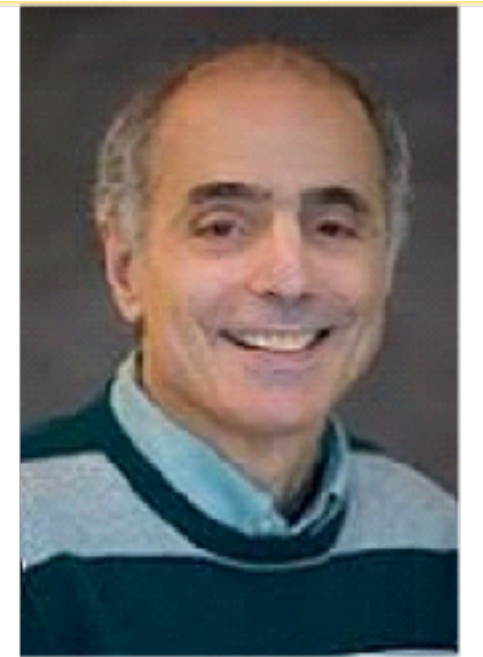
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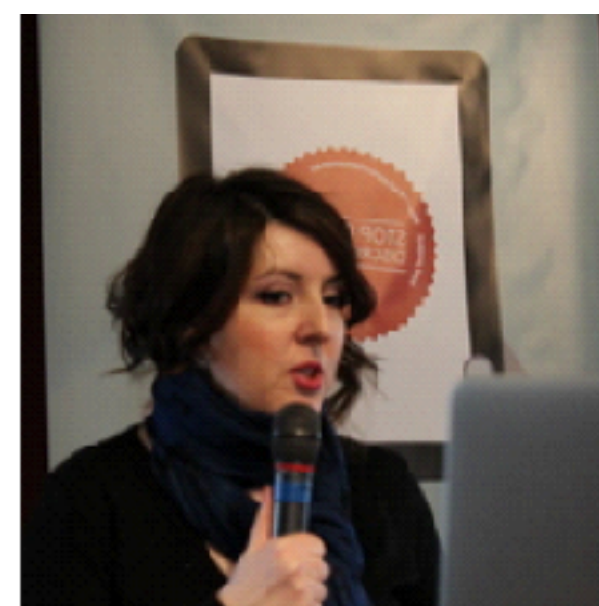
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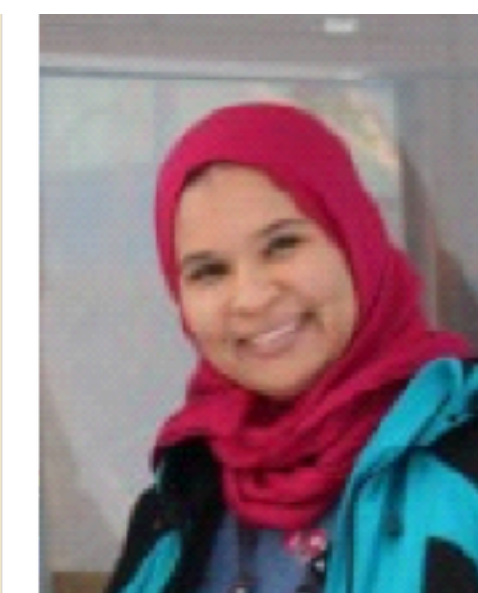
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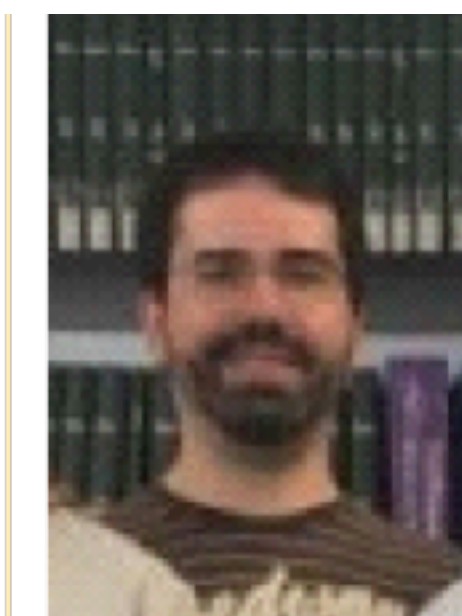
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