



Embassy of Mexico, 9Mar2020, Oslo

Mexico National Knowledge Portal

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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

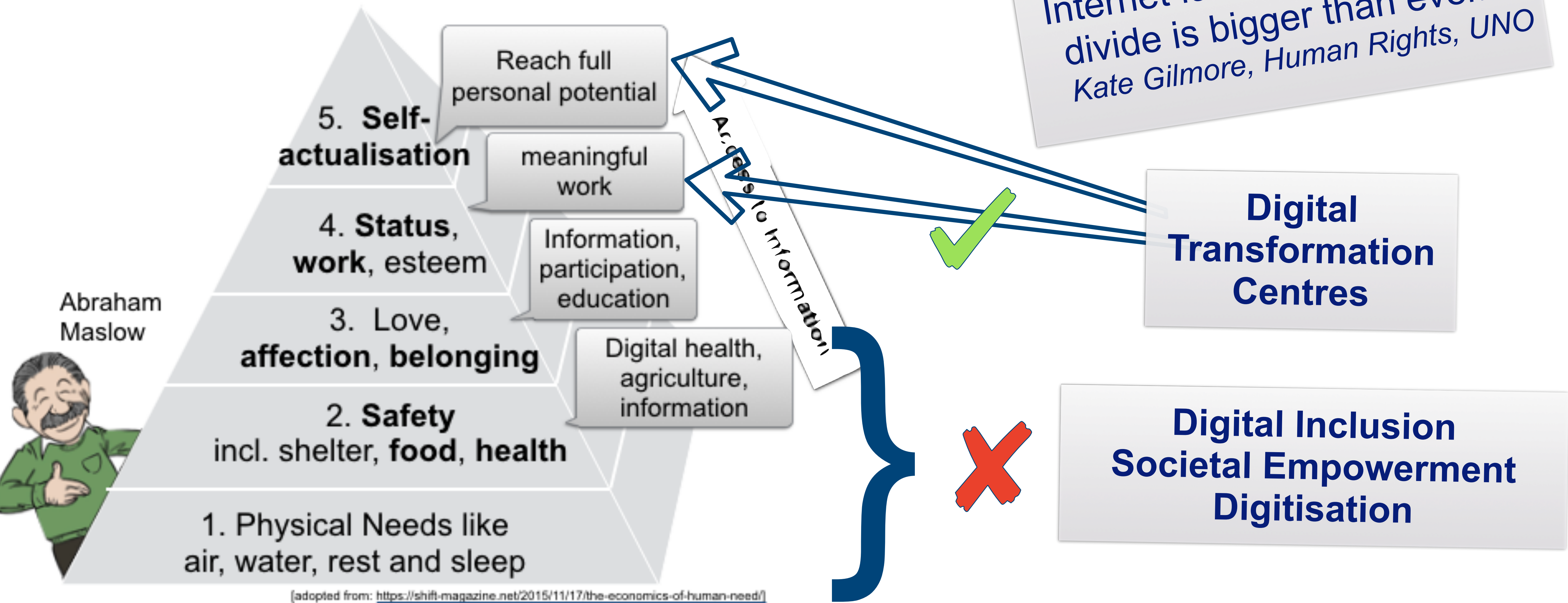


Energy & Internet Lite for All
Target 7.1&7.2 Target 9.C Target 16.10

Holistic view on Digital Societies



“Internet had the ability to dismantle the divide. Internet failed miserably, the divide is bigger than ever.”
Kate Gilmore, Human Rights, UNO



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
 - ➔ Mexico National KnowledgePortal (MNKP)
 - ➔ Digital Public Goods (UN, UNICEF)
- Free access to Mexico National KnowledgePortal



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

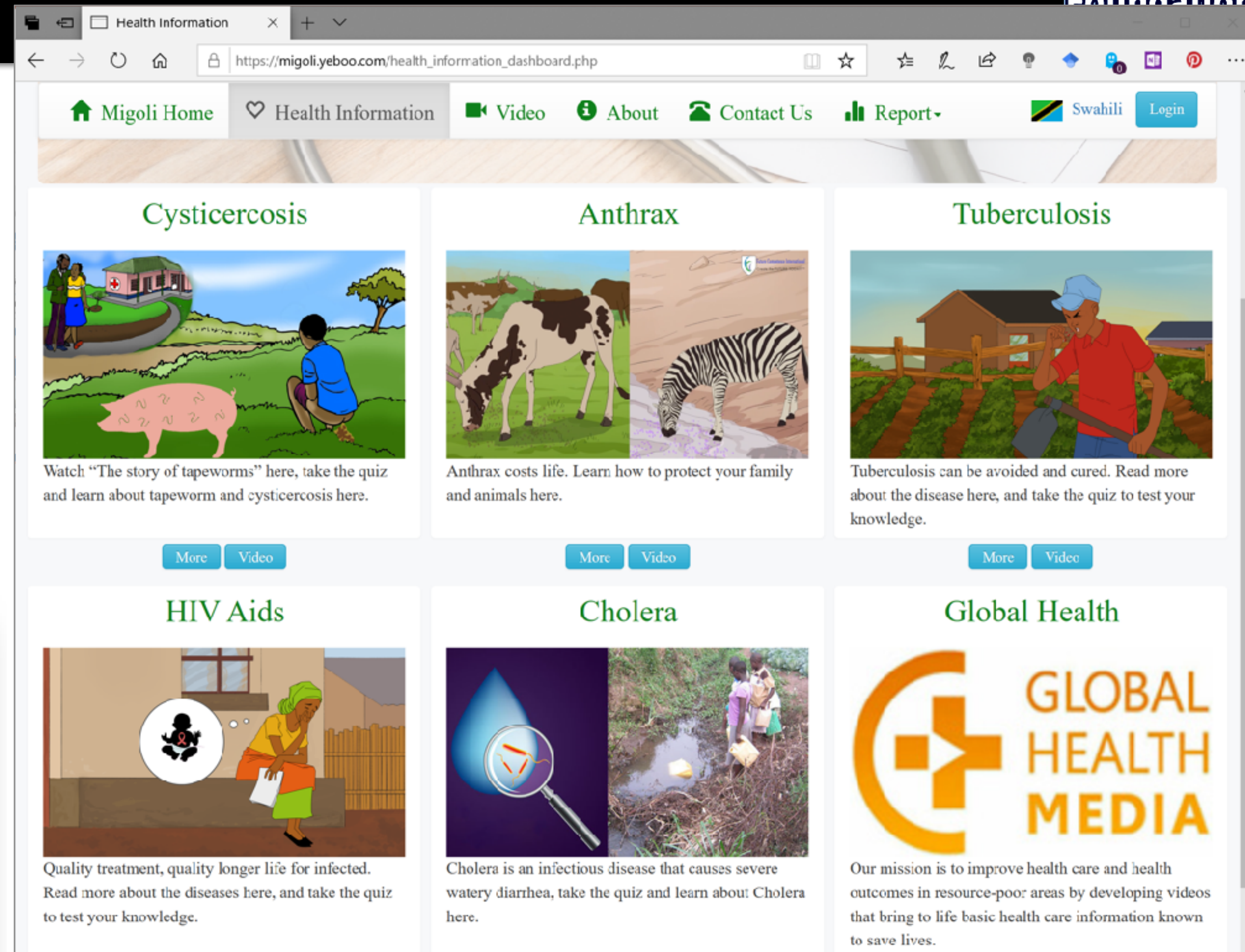
<http://Yeboo.com>



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

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

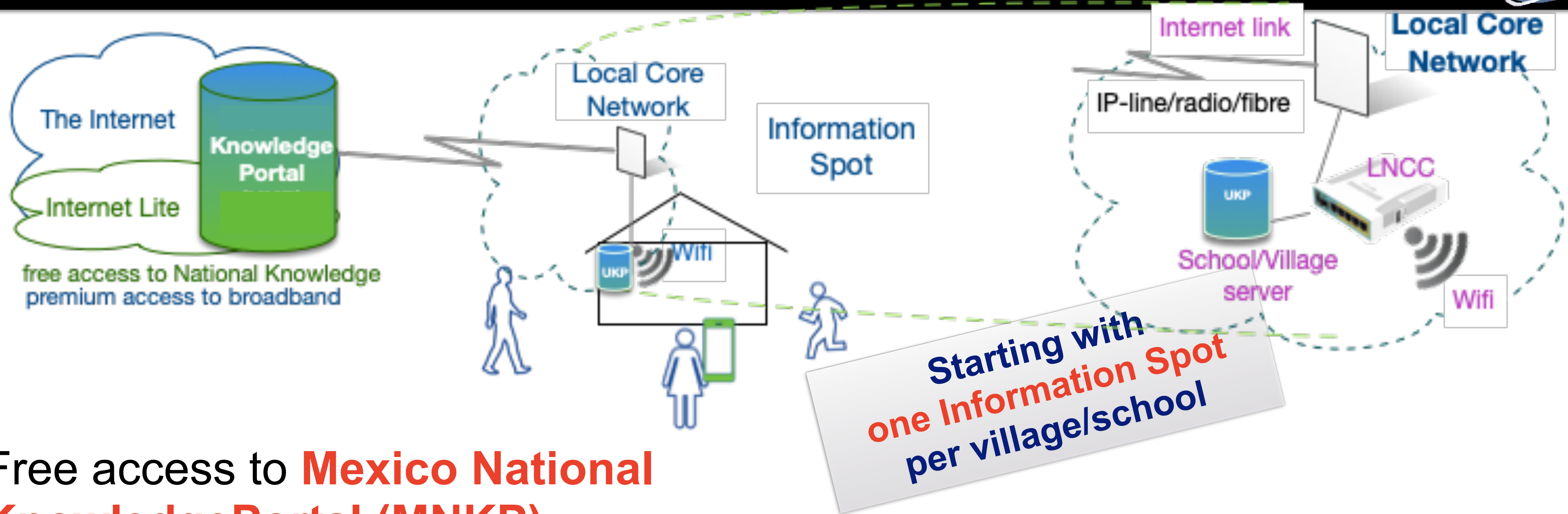
- Health
- Entrepreneurship
- Education
- Agriculture
- Financial inclusion
(e.g. via Women
Community Centers)



Exemplary: Digital Health Information

Digital Inclusion

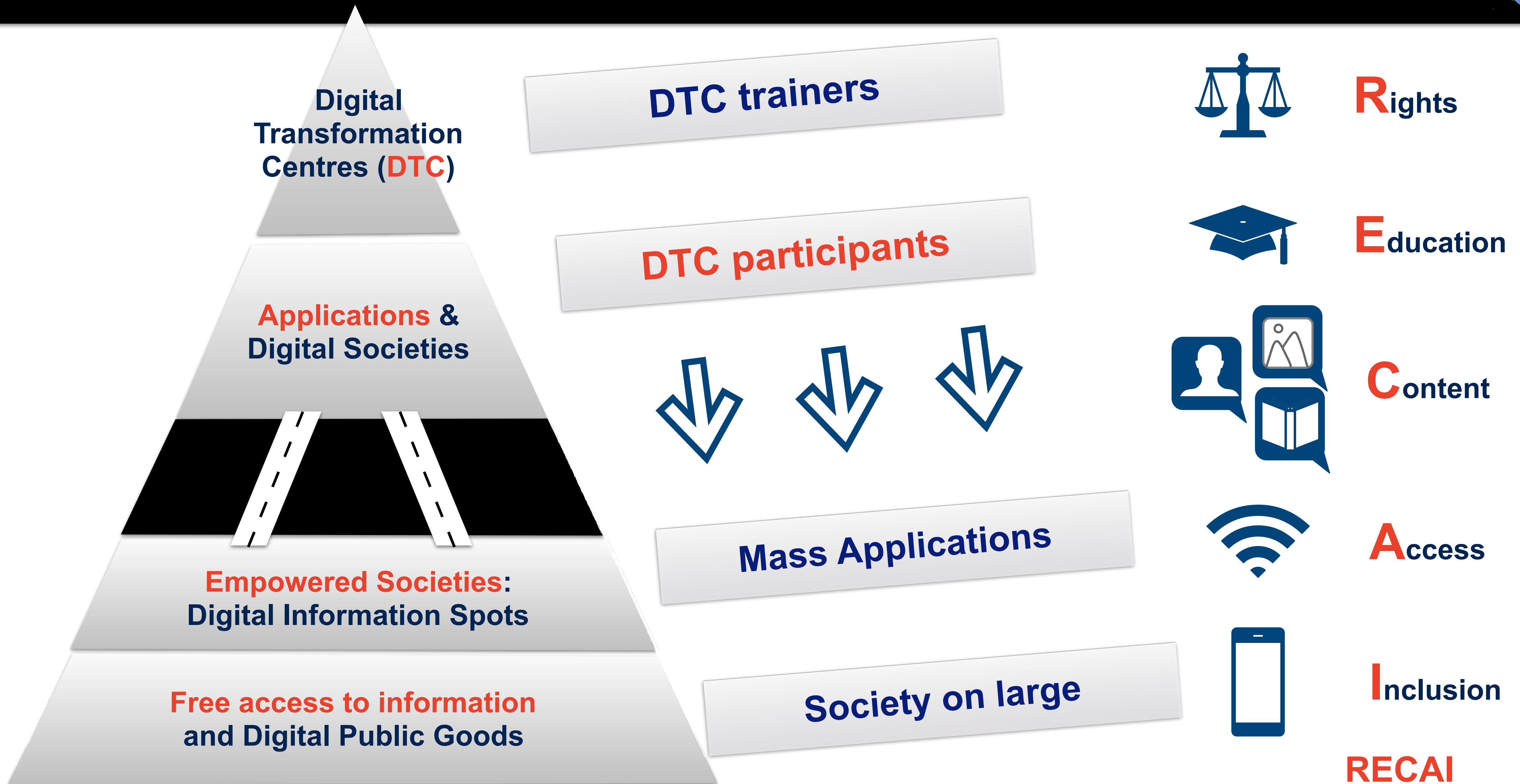
Free Access to the Mexico National KnowledgePortal



- Free access to **Mexico National KnowledgePortal (MNKP)**
 - ➔ **Architecture** with **lite**weight and **heavy** UKPs
 - ➔ Scalable to include Digital Public Goods (DPGs)

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

Close the Gap



Success Stories

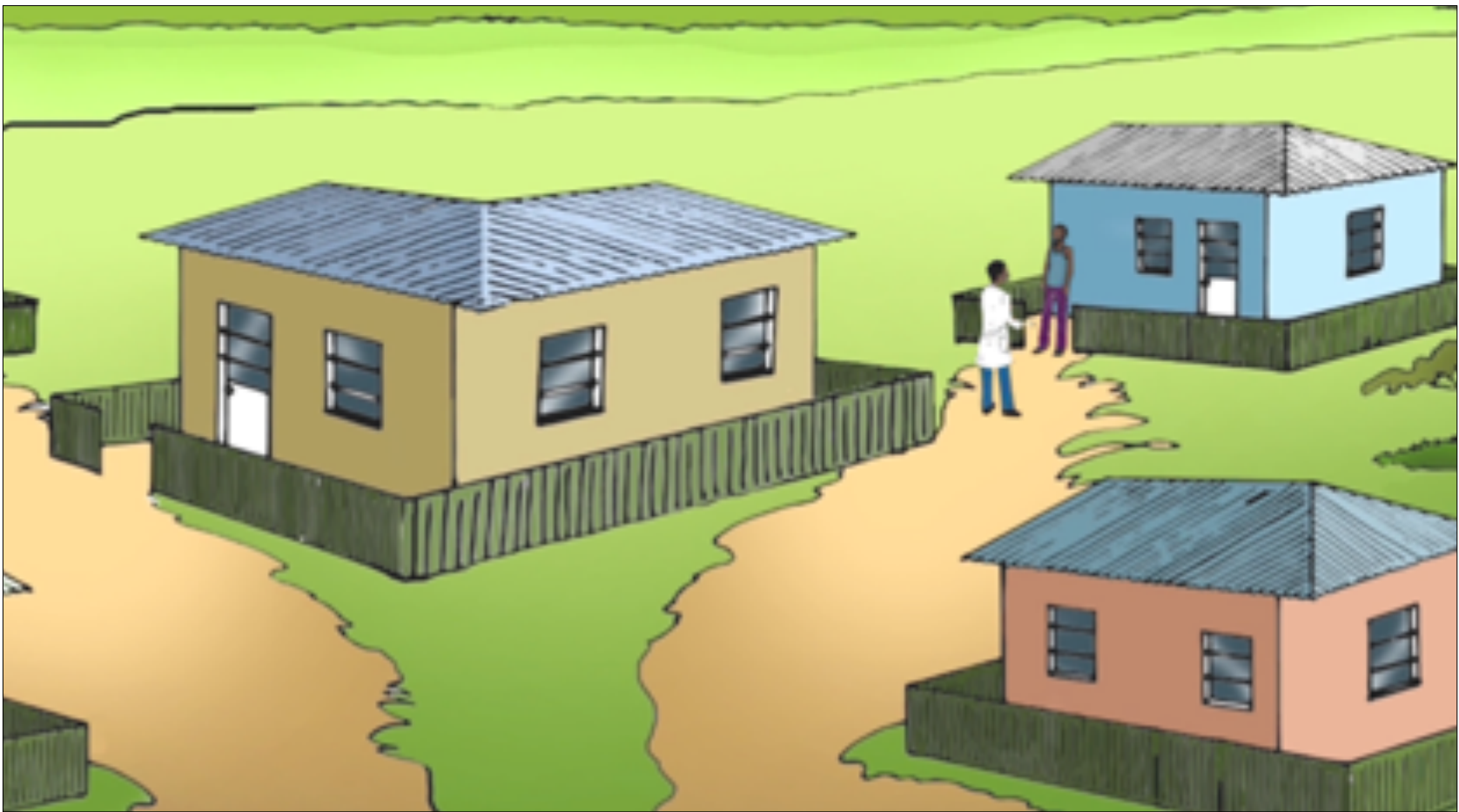
- 7 countries: TZ, KY, GH, ET, DE, NO, MY
- 10 villages in Tanzania, now: pilot connecting 10 schools
- Extraordinary knowledge uptake in digital health



Snapshots from website, HIV and Cysticercosis animations



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



[Source: Christine Holst, UiO (Nov2019)]

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



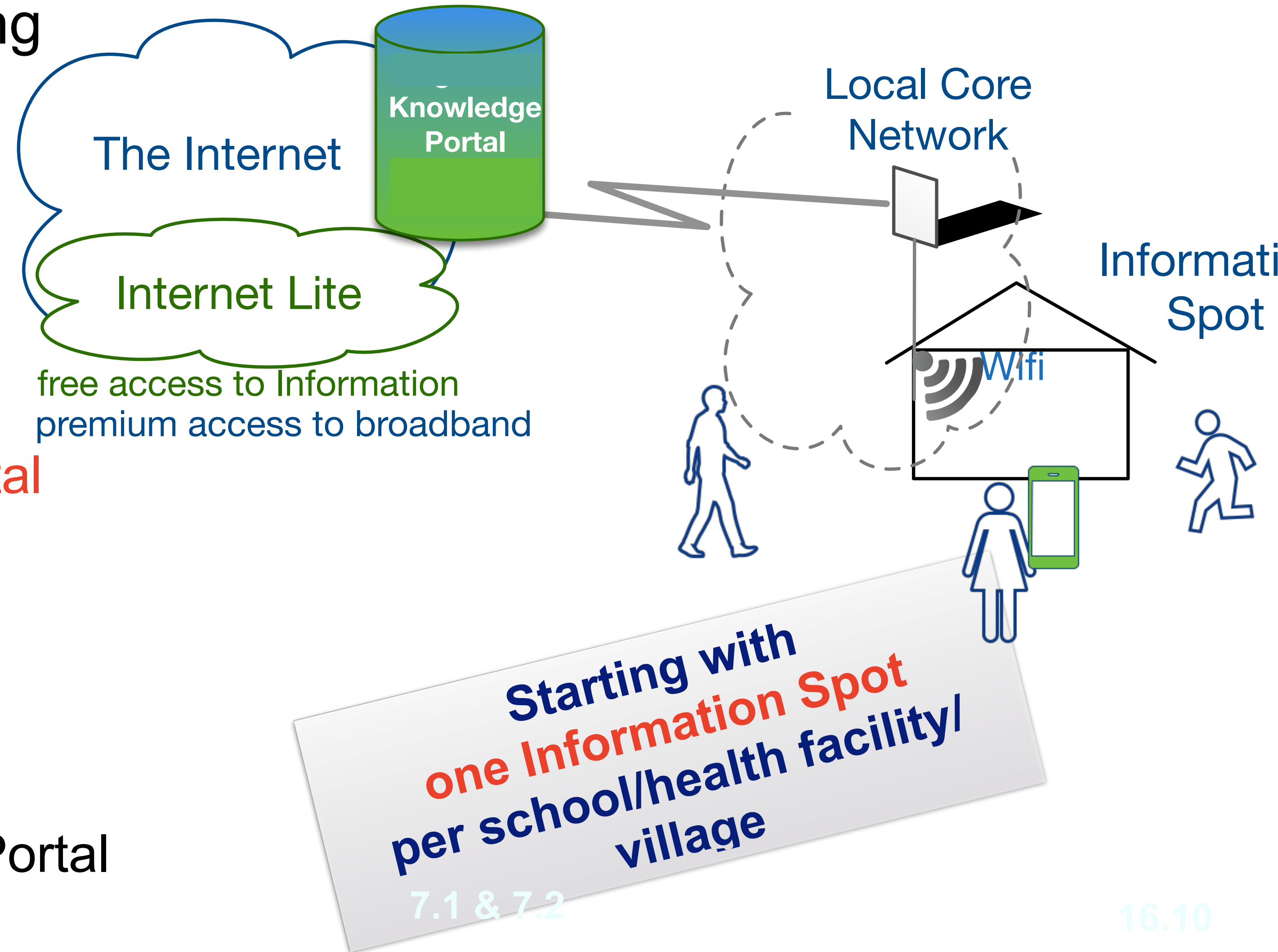
Connecting Kiparang'anda
<https://vimeo.com/368147538>

Conclusion

“Digital Empowerment for All”



- **Energy, Digital & Health**, the building blocks for societal empowerment
- **México National Knowledge Portal (MNKP)**
 - Freemium Model for Access
 - Free: **text, pictures & Knowledge Portal**
 - Premium: **broadband** services
- **School/Village/Health Information Spots**
 - Free access to National Knowledge Portal
 - Health, Education, Entrepreneurship





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



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UiO - Norway



Dr. Bernard Ngowi
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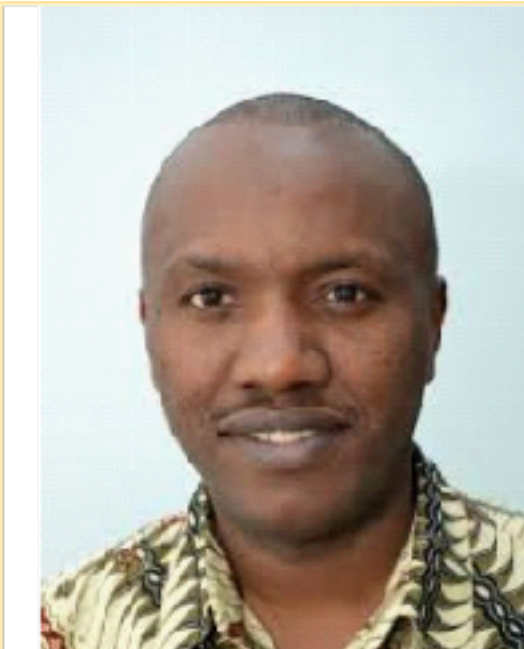
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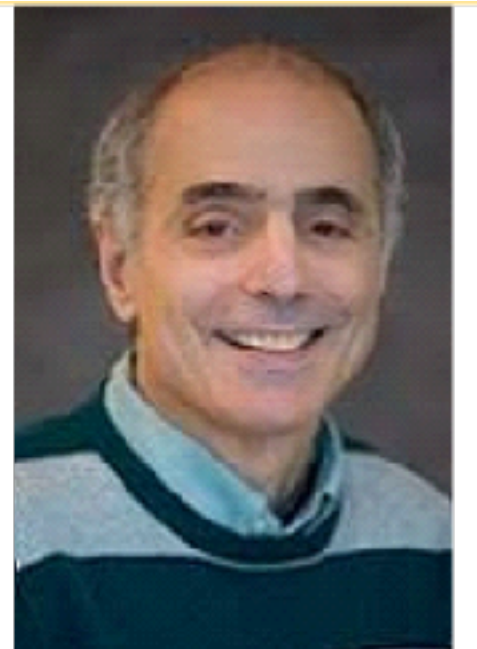
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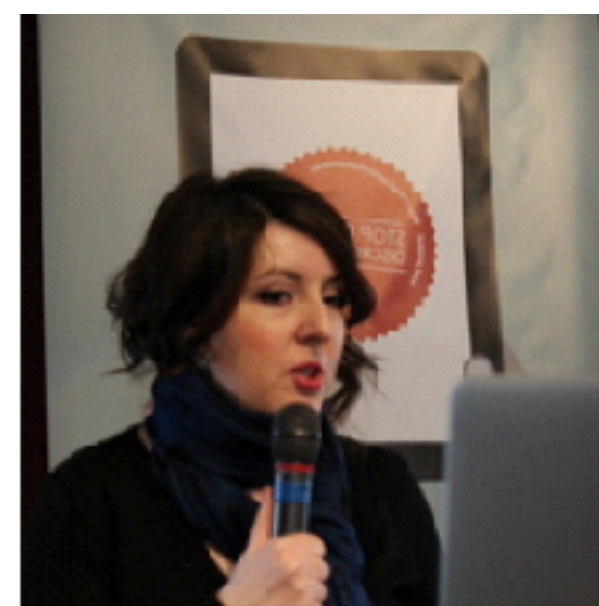
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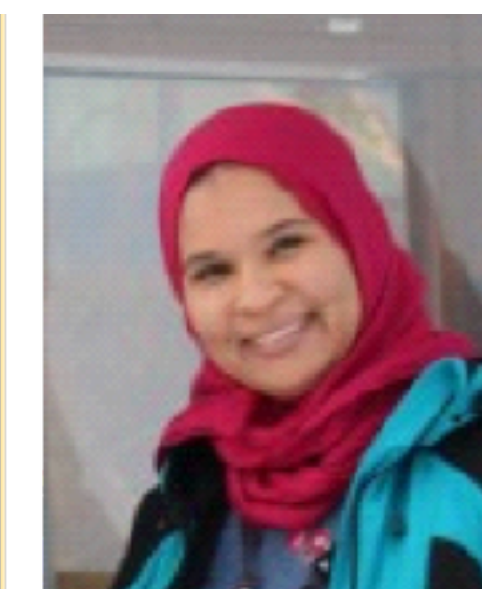
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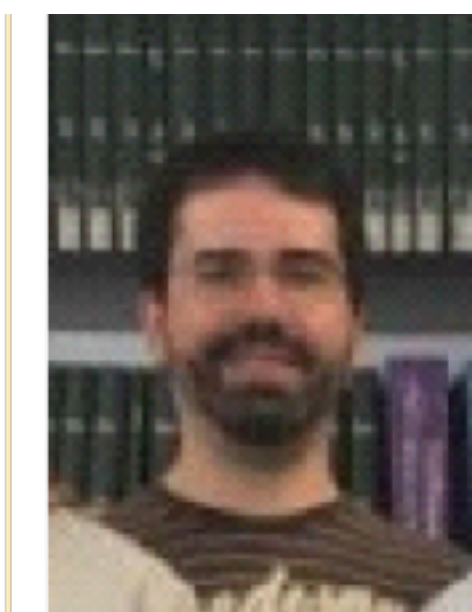
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