



**Embassy of Mexico, 9Mar2020, Oslo**

# **Mexico National Knowledge Portal**

## **Digital Inclusion and Societal Empowerment**

**Josef Noll, Brenda Jimris Rekve**

University of Oslo & Basic Internet Foundation

Kjeller, Norway

[josef@jnoll.net](mailto:josef@jnoll.net), m: +47 9083 8066



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



[BasicInternet.org](http://BasicInternet.org)



[@Basic4all](https://twitter.com/Basic4all)

"Digital Inclusion - Internet lite for all"

Feb2020, Josef Noll

# 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: enerav



**Energy & Internet Lite for All**

Target 7.1&7.2

Target 9.C

Target 16.10



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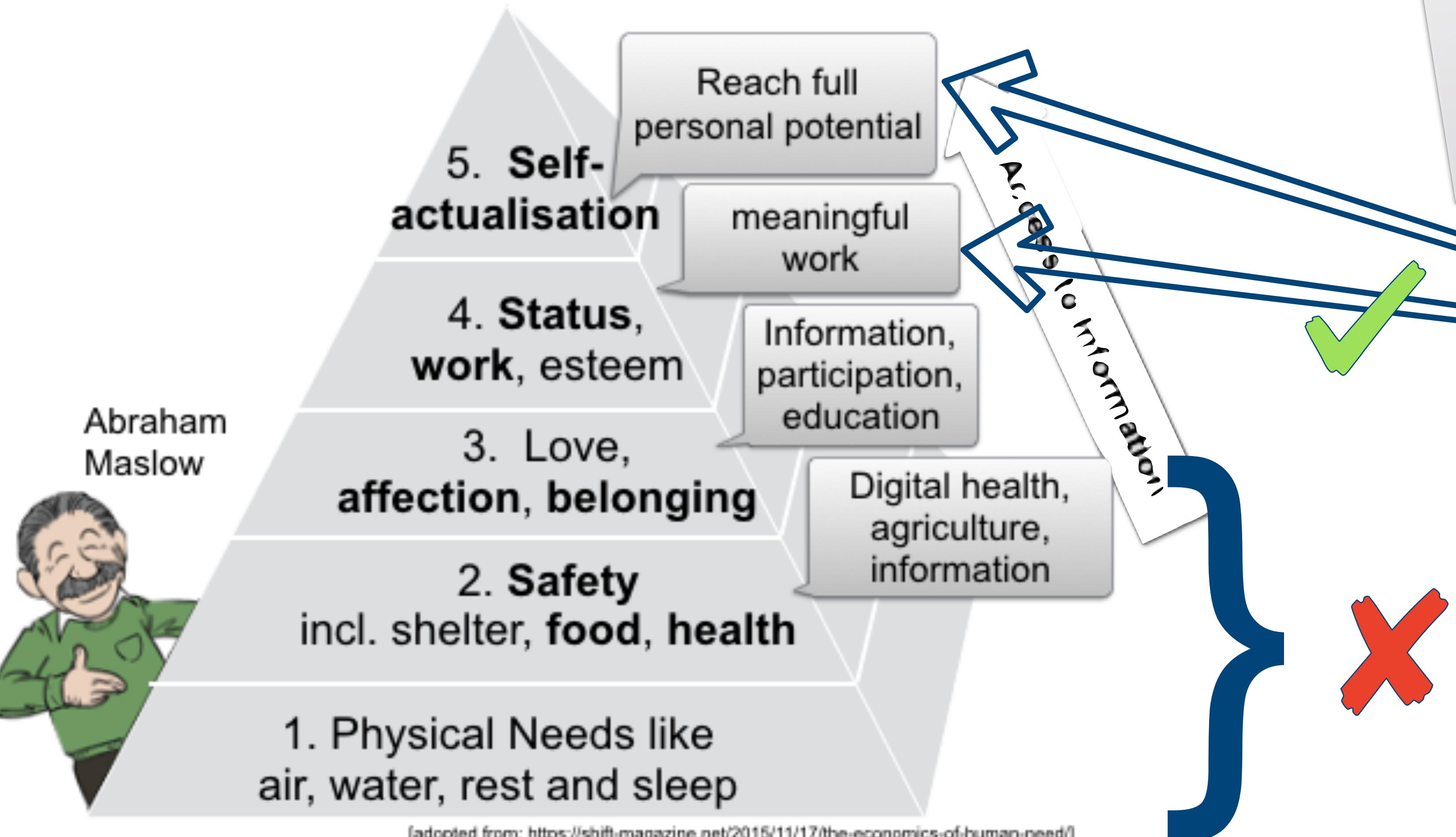


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# Holistic view on Digital Societies



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

**Digital Transformation Centres**

**Digital Inclusion  
Societal Empowerment  
Digitisation**

# 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)

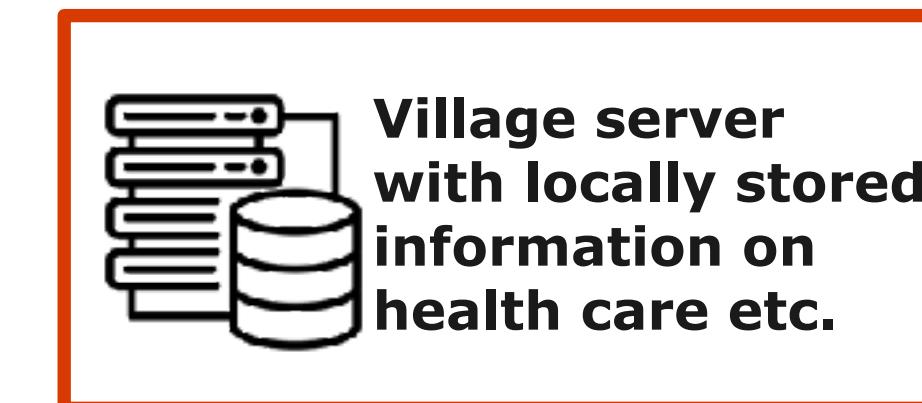
# Target Groups in Digital Empowerment

- 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>



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

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

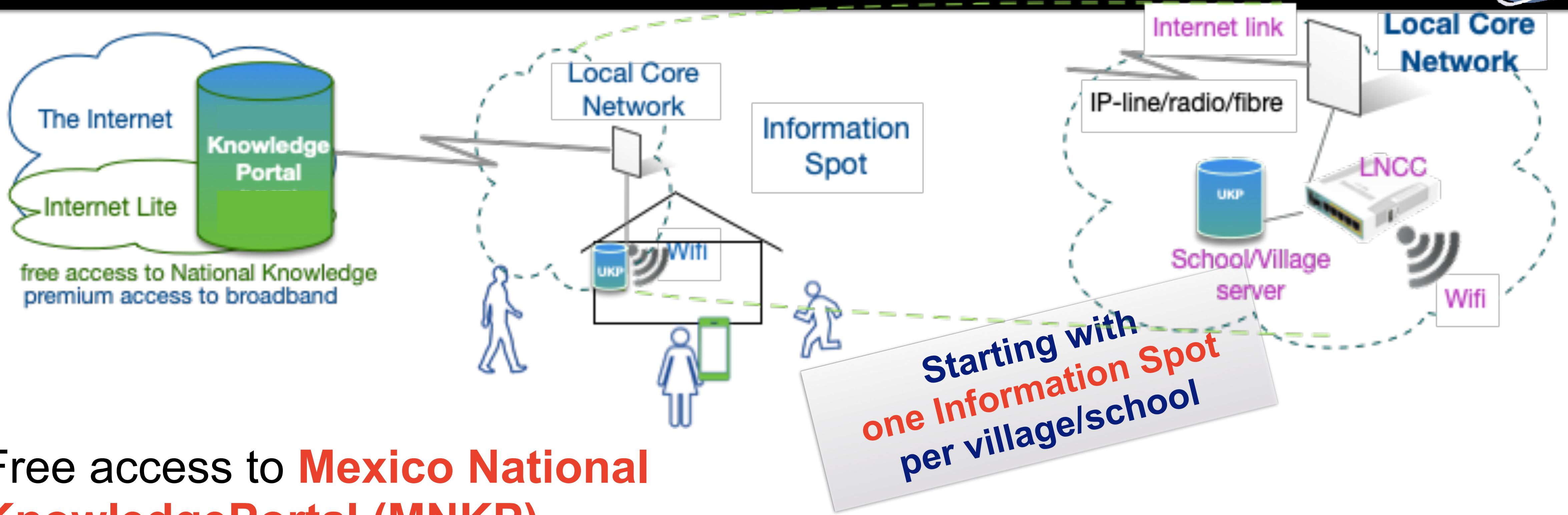


The dashboard features six cards, each with a title, an illustration, and a brief description:

- Cysticercosis**: Illustration shows a pig and a person. Description: Watch "The story of tapeworms" here, take the quiz and learn about tapeworm and cysticercosis here.
- Anthrax**: Illustration shows a cow and a zebra. Description: Anthrax costs life. Learn how to protect your family and animals here.
- Tuberculosis**: Illustration shows a person working in a field. Description: Tuberculosis can be avoided and cured. Read more about the disease here, and take the quiz to test your knowledge.
- HIV Aids**: Illustration shows a woman. Description: Quality treatment, quality longer life for infected. Read more about the diseases here, and take the quiz to test your knowledge.
- Cholera**: Illustration shows a magnifying glass over a water droplet and people near a puddle. Description: Cholera is an infectious disease that causes severe watery diarrhea, take the quiz and learn about Cholera here.
- Global Health**: Features the Global Health Media logo and text: Our mission is to improve health care and health outcomes in resource-poor areas by developing videos that bring to life basic health care information known to save lives.

Exemplary: Digital Health Information

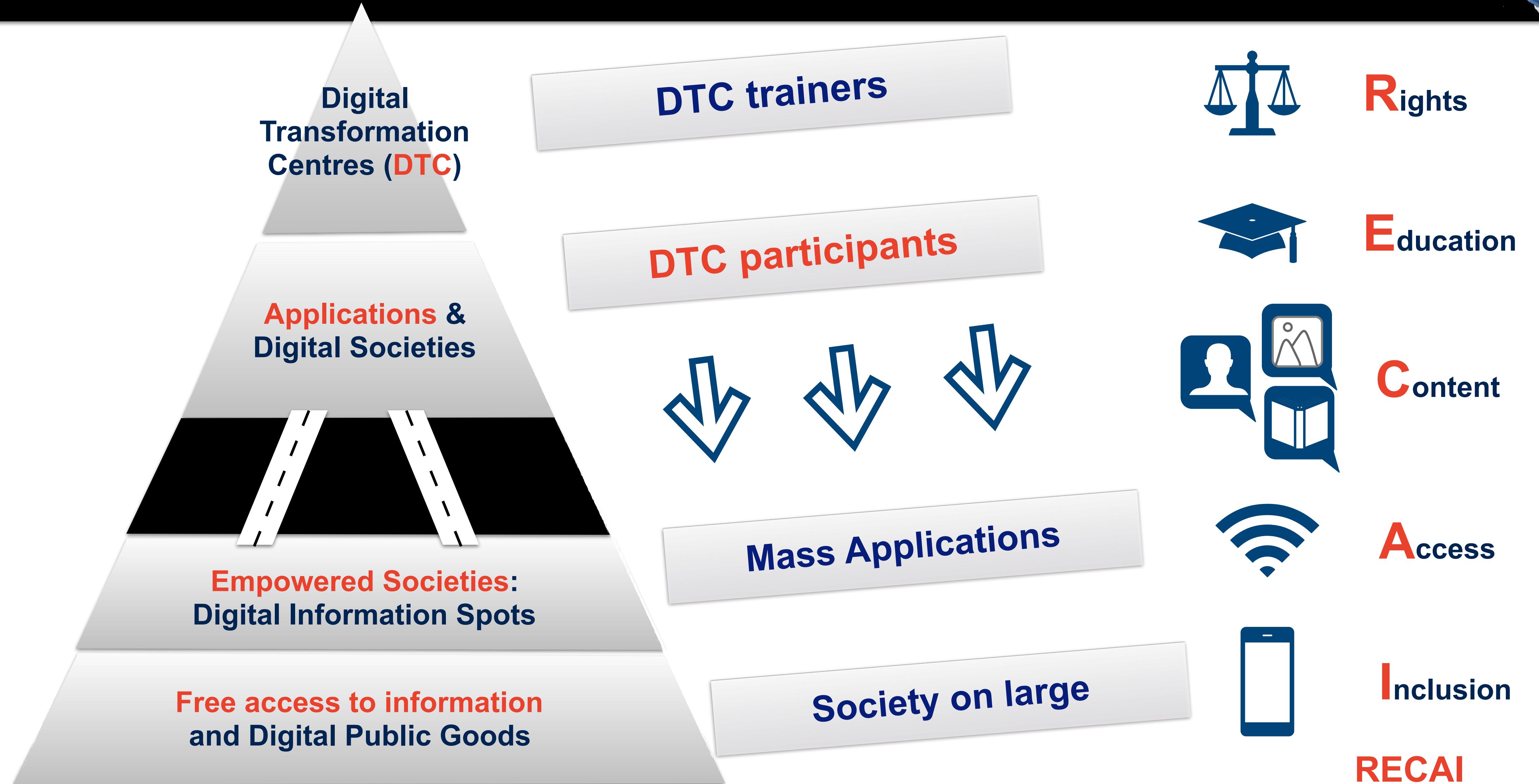
# Digital Inclusion Free Access to the Mexico National KnowledgePortal



- 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

Minyoo hapa aitwaec *Taenia solium*, hisahabisha binadamu kungua vibaya sana. Binadamu impata minyoo han kwa kula nyama ya nguruwe mbechi au iseyorwa vizuri, yenye malengelenge ya minyoo (cysts). Ndani ya utunbo wa binadamu, malengelenge haya intoka katika nyama na kujishikiza kwenye ukuta wa utunbo na kufauyika minyoo ambao hukua na kutaga mayai.

**Dodoso ya Tegu**  
Tafadhalli jaza utafiti kuhusu Tegu

Jinsia yako ni lpi?

A) Me  
 B) Ke

Je, umewahi kusikia kuhusu minyoo aina ya tegu?

A) Ndio  
 B) Hapana  
 C) Sisi

Je! Umewahi kusikia kuhusu minyoo ya tegu kwere wanyama aina ya nguruwe?

A) Ndiyo  
 B) Hapana

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)

Village office

# Catherine Kimambo - Connecting Kiparang'anda Village



Connecting Kiparang'anda

<https://vimeo.com/368147538>



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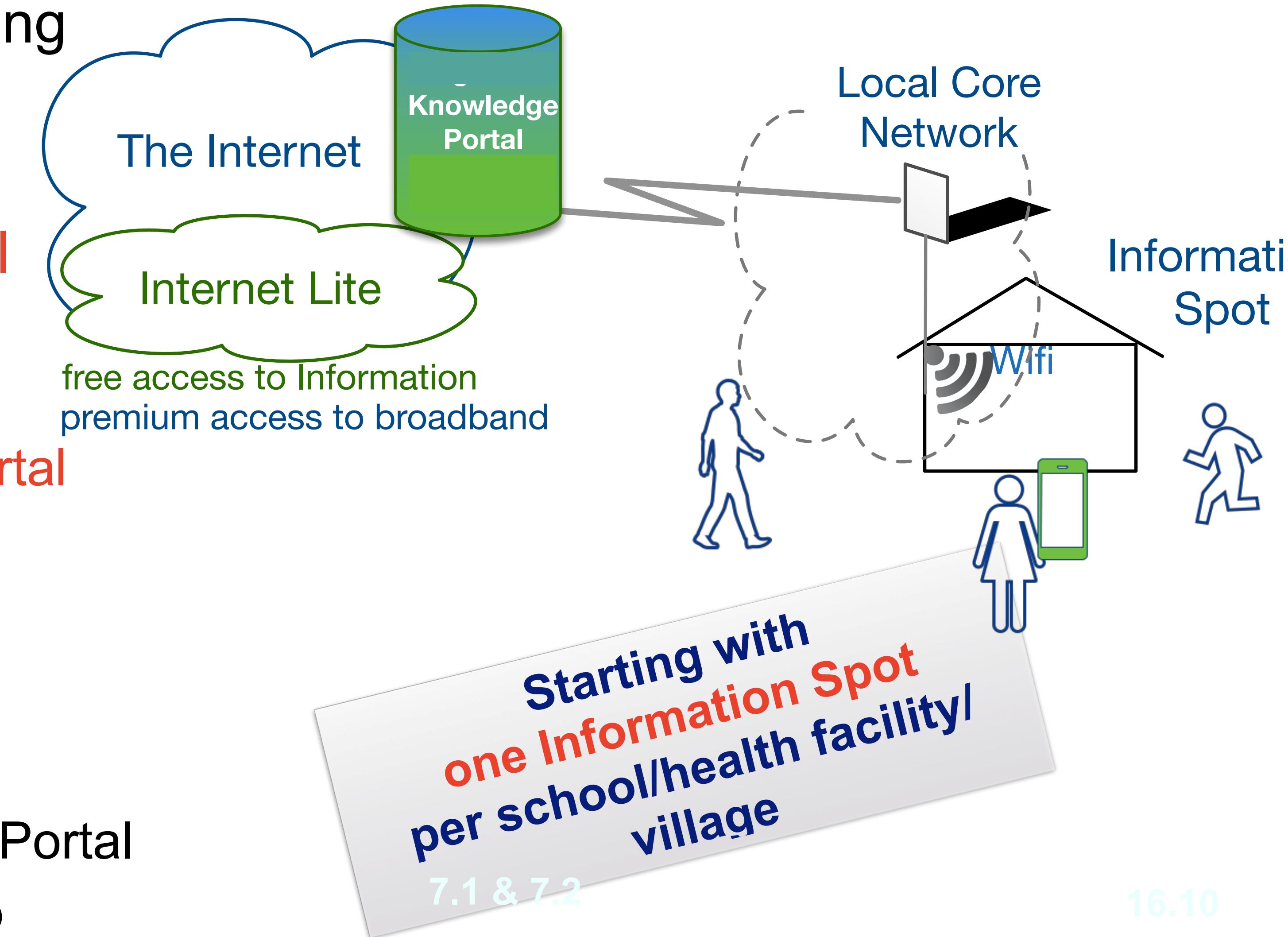
# Conclusion

## “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





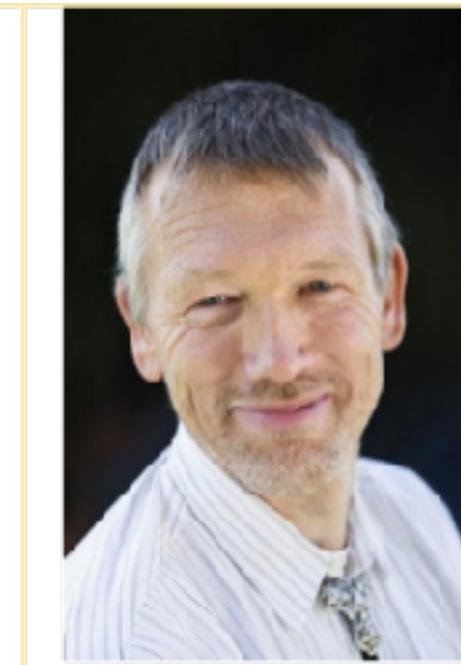
# Core people of our DigI team (11 partners from 9 countries)



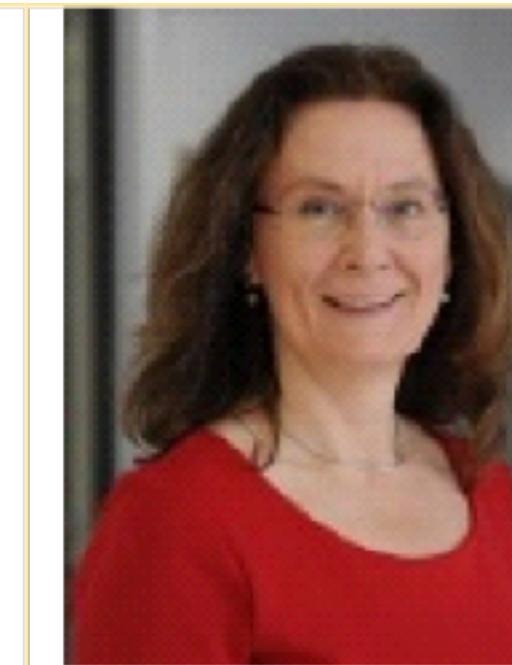
Christine Holst  
UiO - Norway



Dr. Bernard Ngowi  
NIMR - Tanzania



Prof. Josef Noll  
BasicInternet  
UiO - Norway



Prof. Andrea  
Winkler  
UiO - Norway



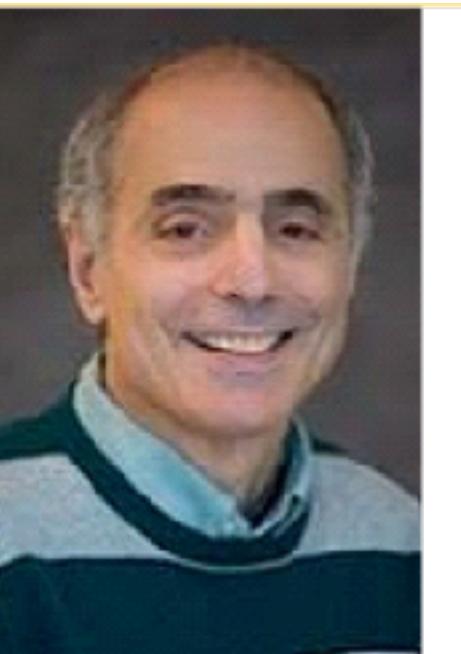
Prof. Helena  
Ngowi  
SUA - Tanzania



Mr. Erwan Le  
Quentrec  
Orange -  
France



Dr. Maurice  
Isabwe  
FCI - Rwanda



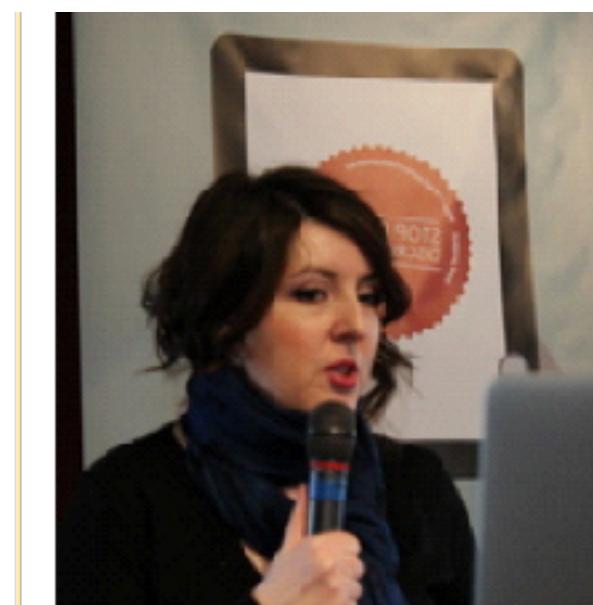
Dr. Peter  
Cardellichio  
Global Health  
Media - USA



Mrs. Flora Kajuna  
SUA - Tanzania



Dr. Felix Sukums,  
Muhas - Tanzania



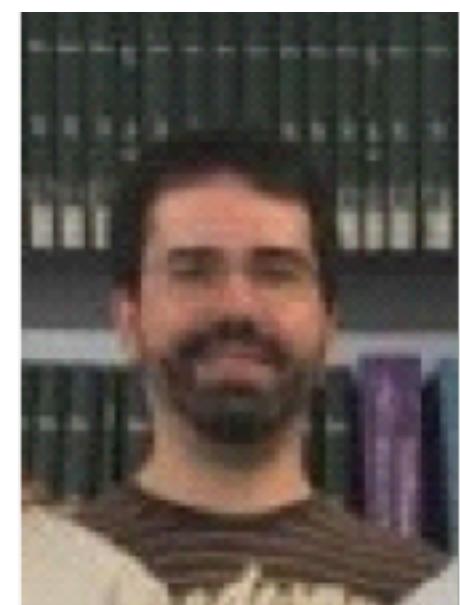
Dr. Danica  
Radovanovic  
BasicInternet  
- Serbia



Dr. Elibariki  
Mwakapeje  
MoH - Tanzania



Mrs. Wisam A.  
Mansour  
BasicInternet  
- Norway



Dr. Inaki  
Garritano  
Mondragon  
University  
- Spain



Dr. Sudhir  
Dixit  
BasicInternet  
- USA