



AION - BasicInternet, 15Jan2020, Helsinki

Free Access to Digital Public Goods

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the Basis for Sustainable Development and Innovation

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Our vision is

to improve **the life of **every** human
through free **access to information**
on the **Internet****

THE PRICE OF ~~OF~~ INEQUALITY

HOW TODAY'S DIVIDED SOCIETY
ENDANGERS OUR FUTURE

United Nations High Level Panel on Digital Cooperation

- Jun2019 report: Recommendations
 - ➔ Inclusiveness
 - ➔ Digital Public Goods



Nikolai
Astrup

Melinda
Gates

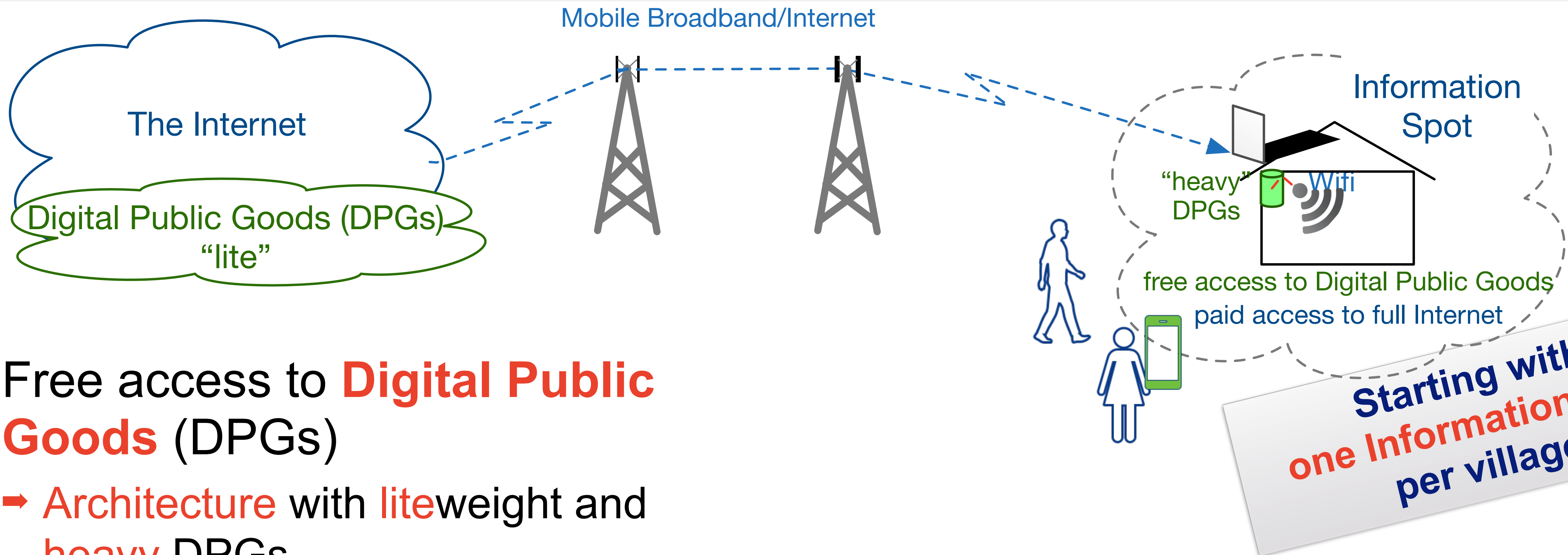
Jack
Ma

Vint Cerf

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**, ...

Free access to Digital Public Goods



- Free access to **Digital Public Goods** (DPGs)

- ➔ **Architecture** with **lite**weight and **heavy** DPGs
- ➔ Combining affordable access (1A) and Digital Public Goods (1B)

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

Village Platform

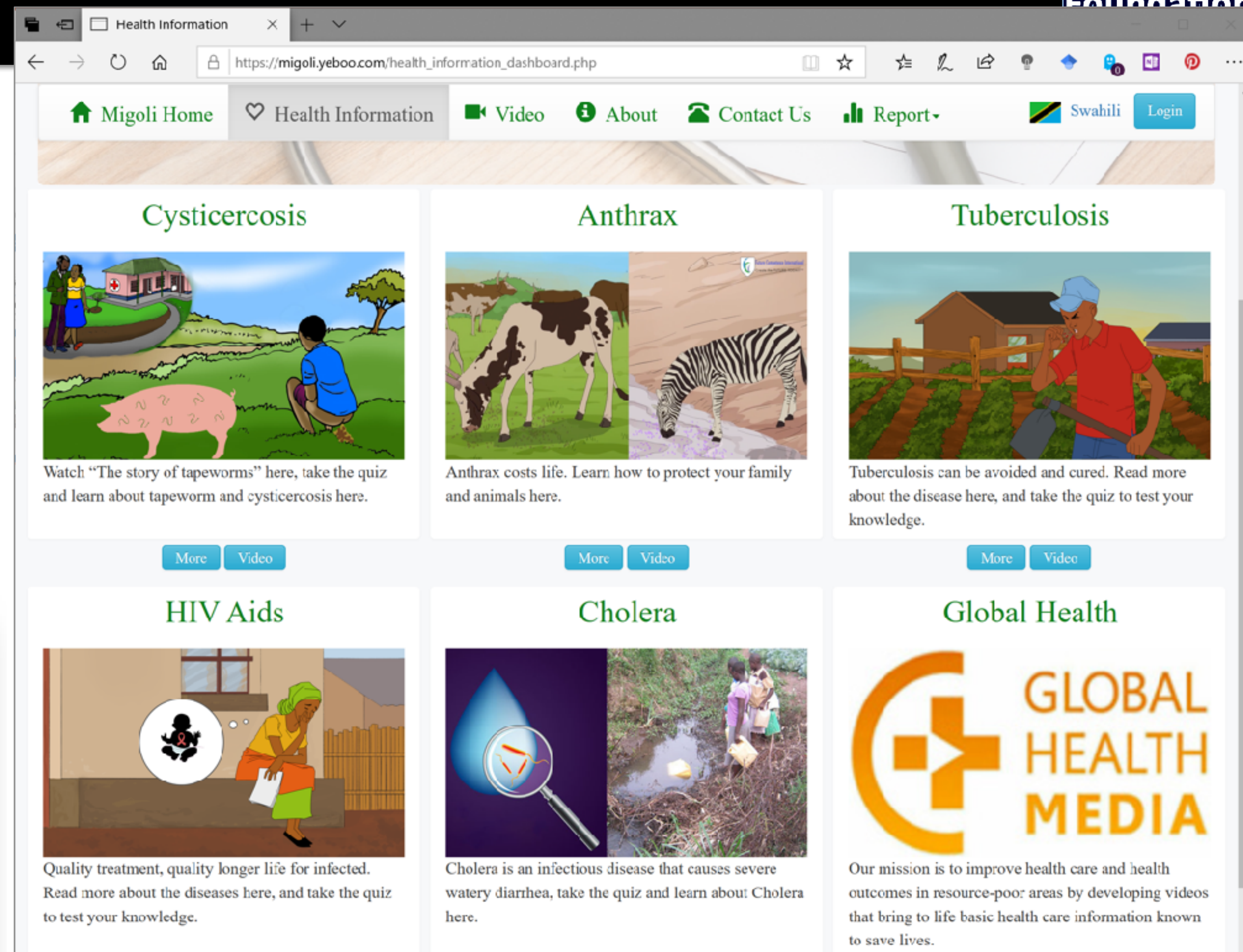
<http://Yeboo.com>



**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

Snapshots from website, HIV and TSCT 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

Catherine Kimambo - Connecting Kiparang'anda Village



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

Recommendations for EAC from East Africa Health conference (2018)

- Recommendations 1-9, digital health:
- 5. Formulation of regional and partner states policies that govern integration of the **digital health initiative** into **health system**.
- 6. Develop a **platform for digital inclusion** where **communities** have **full access to information** to surveillance and disease management
- 9. EA member state to promote **digital health**



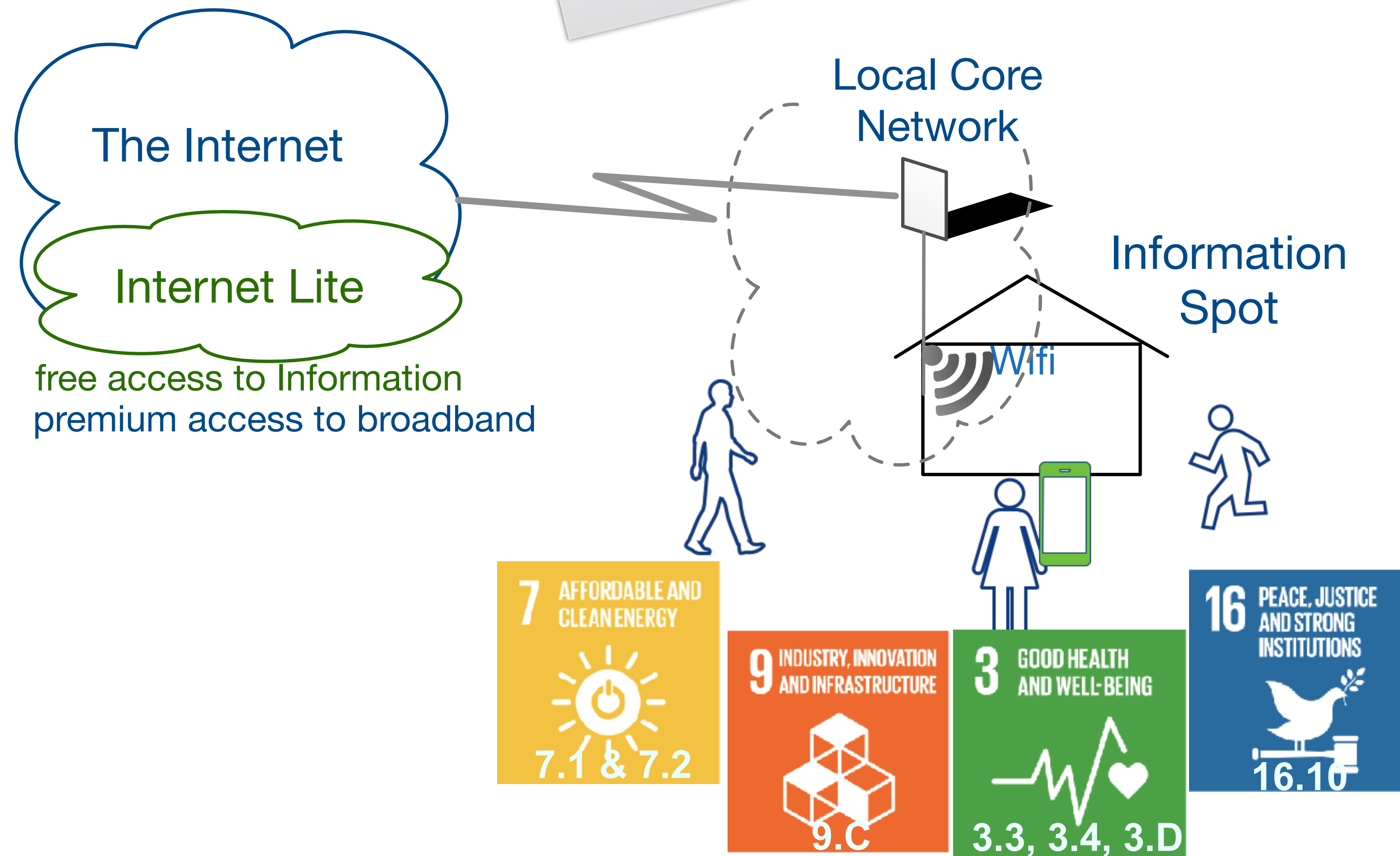
[Source: Bernard Ngowi (NIMR)]

Conclusion

“Internet Lite & Affordable Energy for All”



- **Energy, Digital & Health**, the building blocks for societal empowerment
- Free Access to **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



Business opportunities

- Village platform
 - ➔ open source (digital public goods)
 - ➔ modular: health, education, women/girls
 - ➔ application-centric
- Operations
 - ➔ Community based
 - Tanzania, Germany, Norway, Kenya
 - Ghana, Uganda, Myanmar, ...(2020)
 - ➔ UNDP, UNICEF....
 - ➔ NGO cooperation: Red Cross, Plan
- Nordic initiative (FI, DK, NO, SE)
 - ➔ Inclusive digital development



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



Christine Holst
UiO - Norway



Dr. Bernard Ngowi
NIMR - Tanzania



Prof. Josef Noll
BasicInternet
UiO - Norway



Prof. Andrea Winkler
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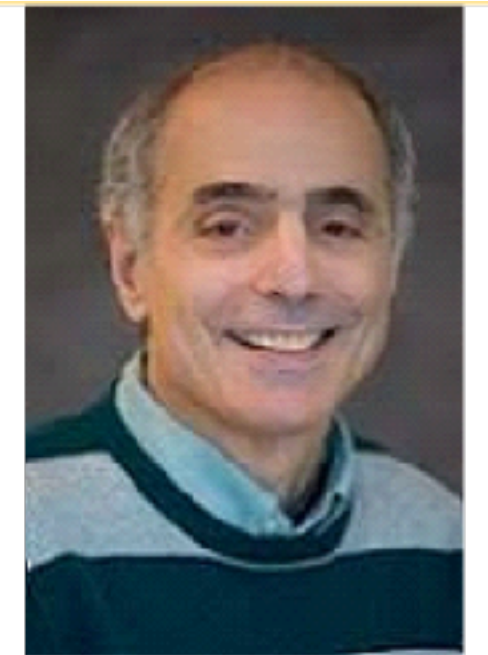
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SUA - Tanzania



Mr. Erwan Le Quentrec
Orange - France



Dr. Maurice Isabwe
FCI - Rwanda



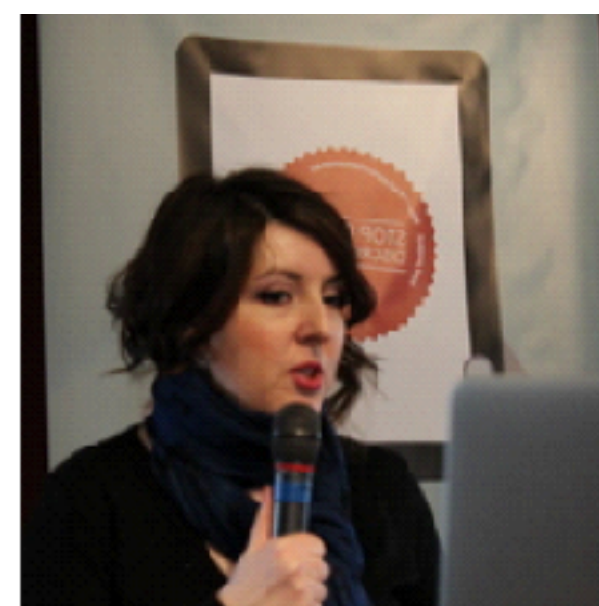
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Mrs. Flora Kajuna
SUA - Tanzania



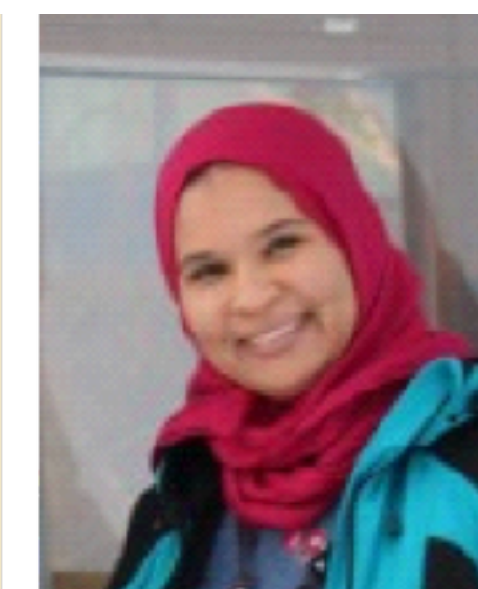
Dr. Felix Sukums,
Muhas - Tanzania



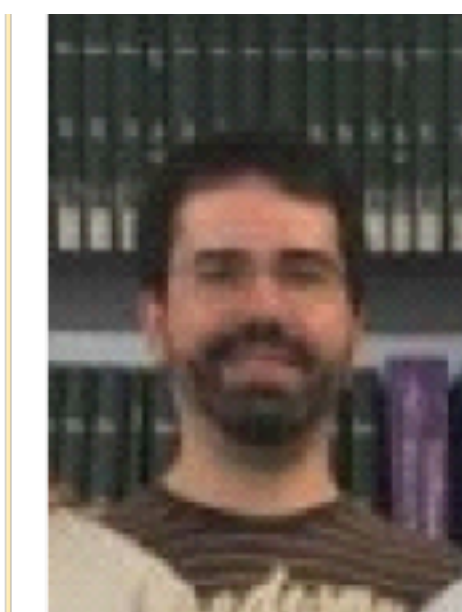
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Dr. Sudhir Dixit

