



African Innovation Week - 28 Oct-2 Nov 2019, Addis Ababa

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

Empowering people for the **Innovative** Society

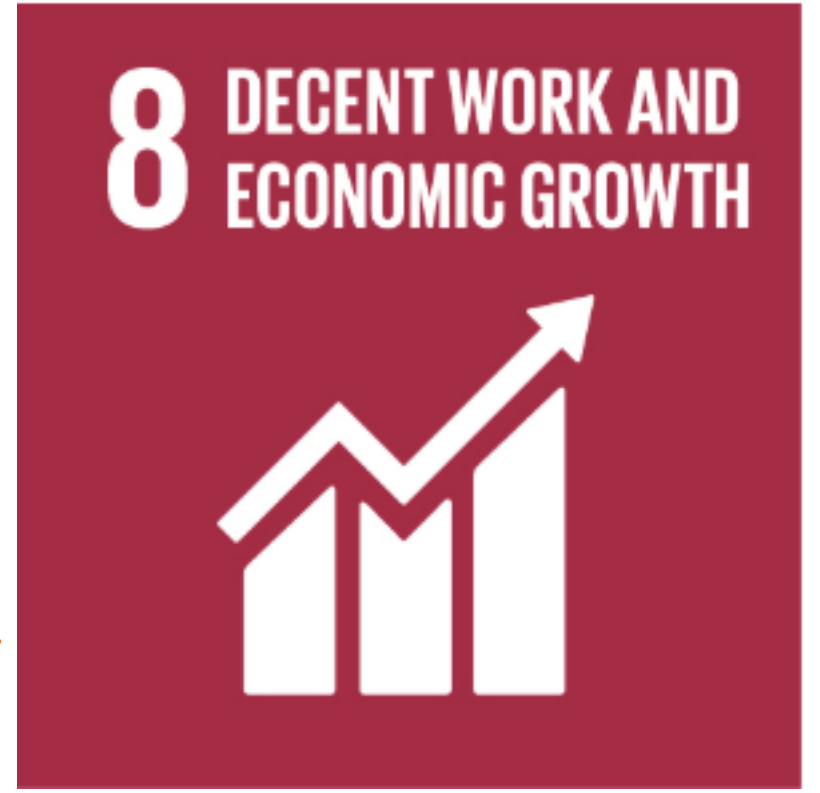


Affordable Energy & Internet Lite for All

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: energy



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



United Nations: High-Level Panel on Digital Cooperation

Secretary-General's High-level Panel on Digital Cooperation



United Nations High Level Panel on Digital Cooperation

- Melinda Gates, Jack Ma, ... Vinton Cerf, Nikolai Astrup, ...
- Jun2019 report
- Recommendations
 - ➔ Inclusiveness
 - ➔ Digital Public Goods



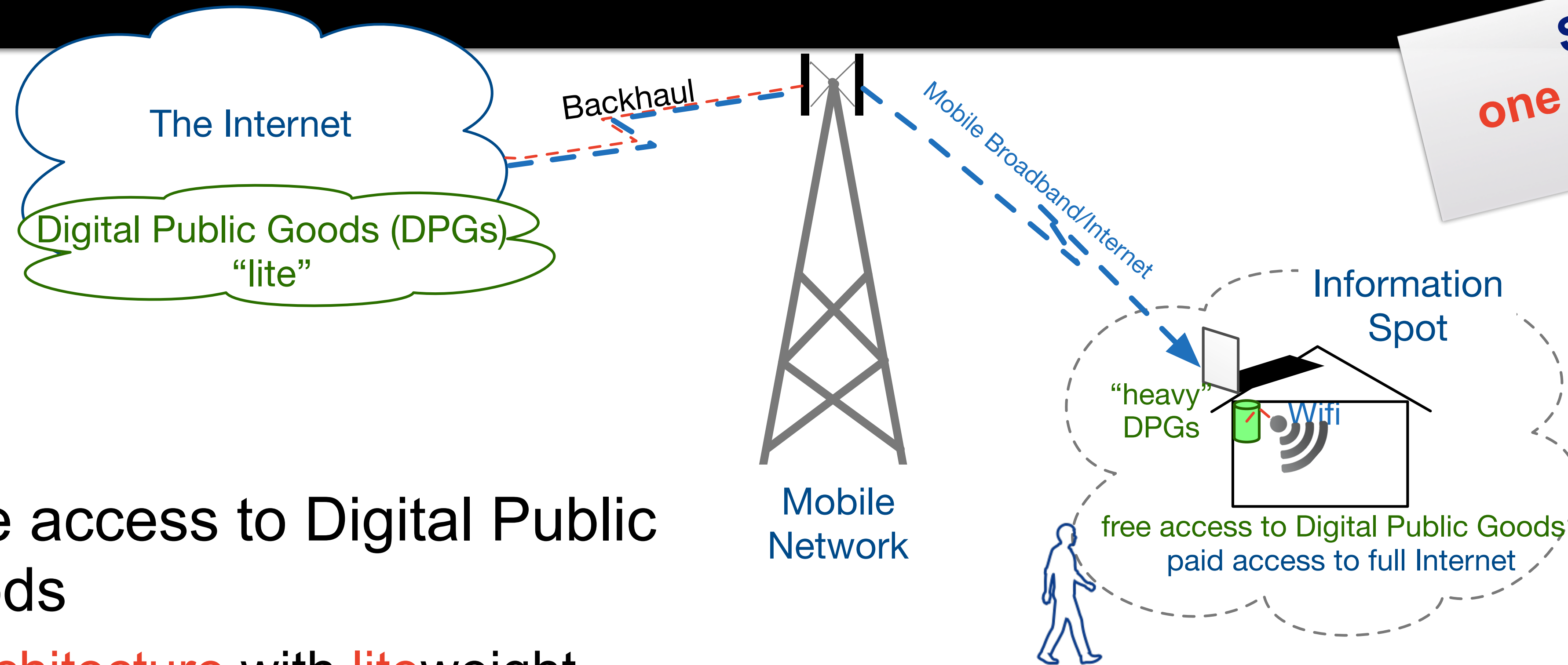
1A: We recommend that by 2030, **every adult** should have **affordable access** to digital networks, as well as **digitally-enabled** financial and **health services**, as a means to make a substantial contribution to achieving the **SDGs**...

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

1C, 1D, 2....

Free access to Digital Public Goods

Starting with
one Information Spot
per village



- Free access to Digital Public Goods

- ➔ 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

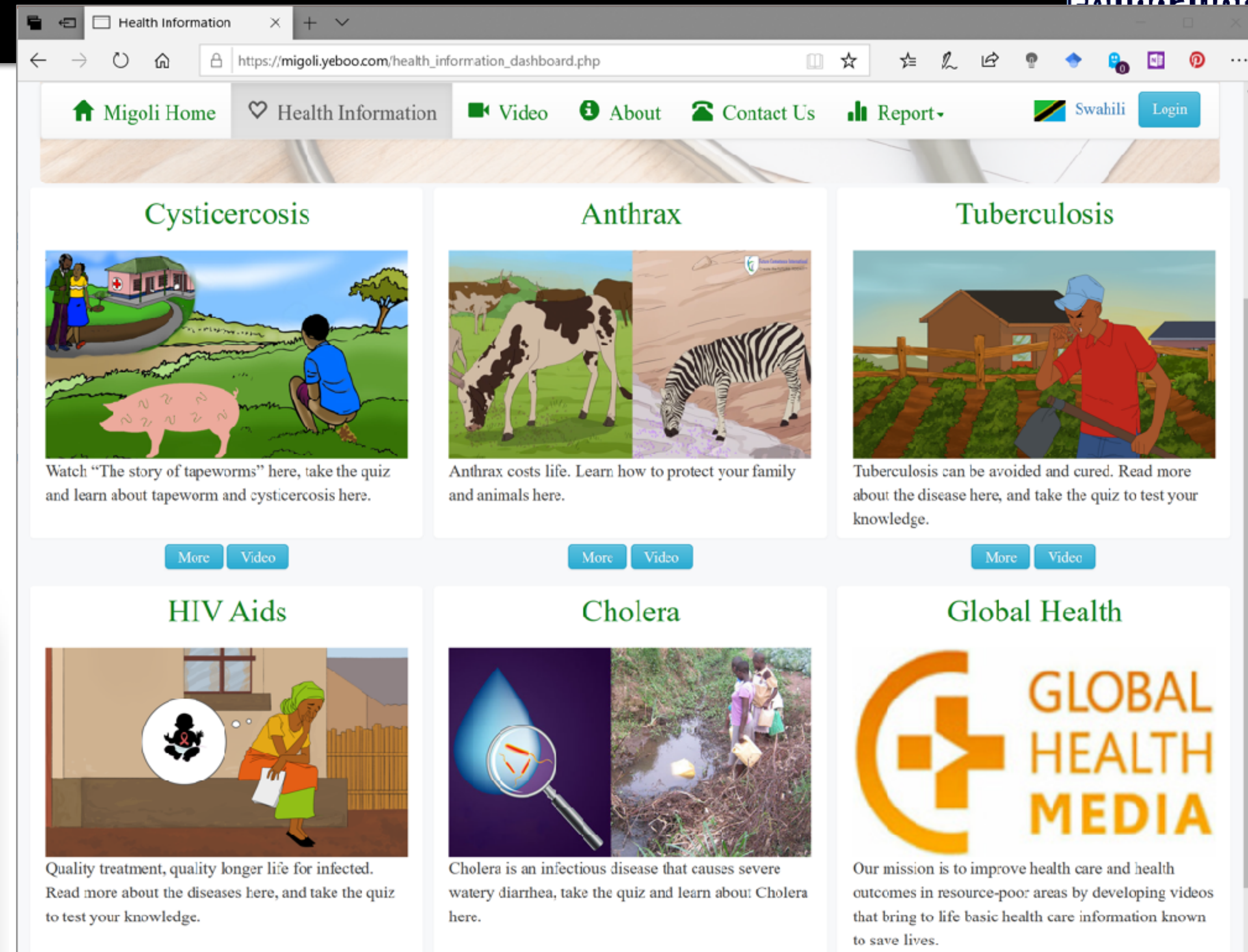
<https://Migoli.Yeboo.com>



**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

Target Group

- We bring Internet access to rural villages in African countries with **high rates of illiteracy**.
- People of all ages and genders should be able to use our solution, with a 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.

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

Migoli (Nyerere High School)



1271 pupils, 34 full-time teachers
9 m pole (above trees) base to connect
- Migoli health station
- Migoli village office



Mbaash (Selela)



Catherine Kimambo - Connecting Kiparand'anda Village

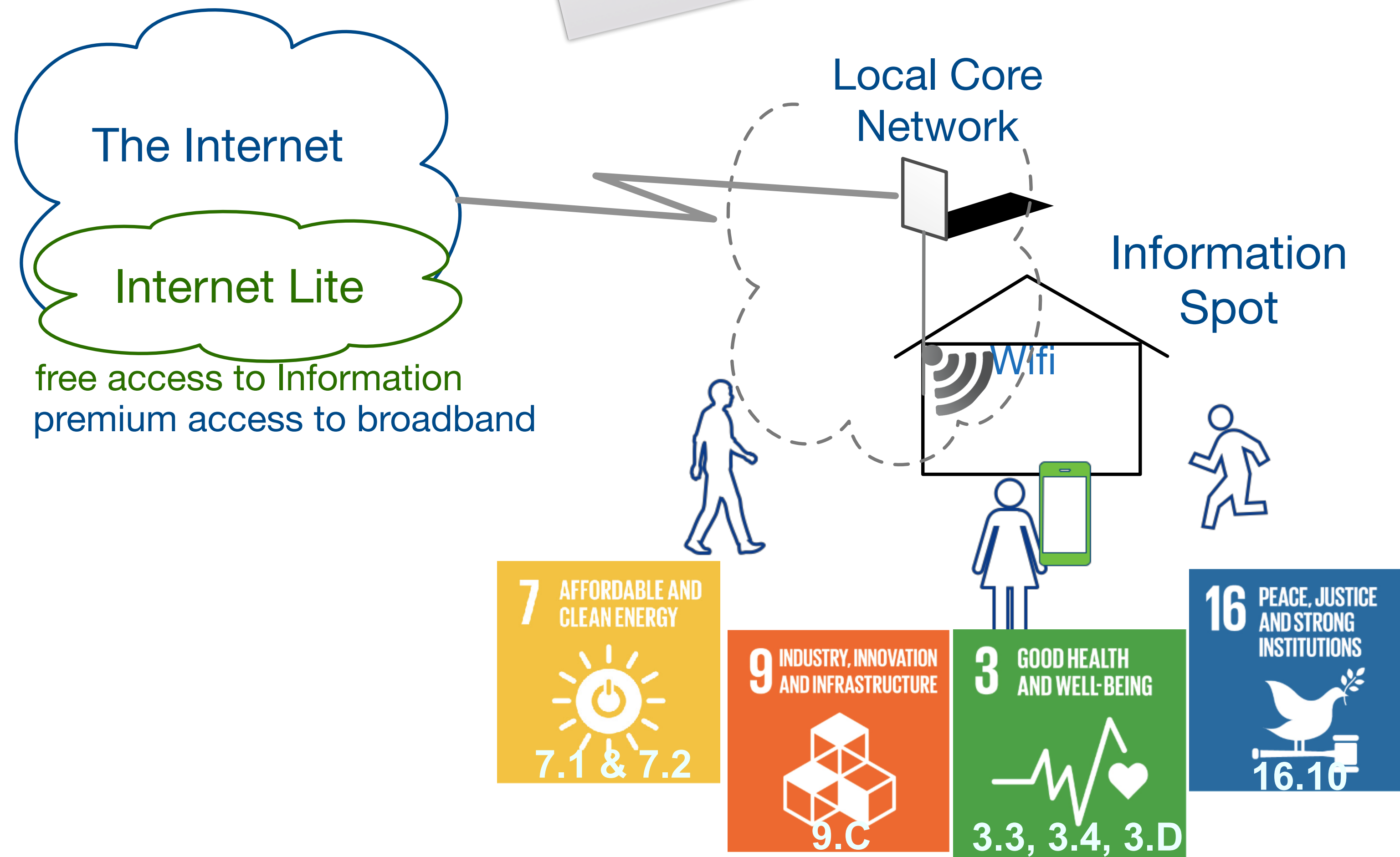


Conclusion

“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



Partners - *Hope I'll see you here ...*



FR



ES



Ministry of Health, TZ



UiO

S A N D S



DE



TZ



USA



UK