



Visioning the future: governance pathways to better health futures -
Wilton Park, 8Oct2020

Health in the Digital World

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Suggestion by Norway for Digital Transformation

- ➔ White Paper to the Parliament
Meld. St. 11 (2019-2020)
 - **Priorities:** Access, skills, regulations, inclusion
- ➔ **Integrated model** for digital inclusion
 - School connectivity (SDG indicator 4.A.1)
 - ▶ Digital Health Promotion at Schools
 - Knowledge Portal as facilitator
 - ▶ **Trusted** (health) information
 - ▶ Knowledge transfer & **collaboration**
 - ▶ **Free Access** to Knowledge
 - **Community** involvement



Norwegian Ministry
of Foreign Affairs

Summary

Meld. St. 11 (2019–2020) Report to the Storting (white paper)

Digital transformation and development policy

Access

Skills

Regulations

Inclusion



https://www.regjeringen.no/no/dokumenter/meldst11_summary/id2699502/?ch=1

Reality of the Digital Divide

→ “Boys have the toys”

- digital divide in both devices
 - Example Smartphone ownership: 33% male, 16% female (Bangladesh)
- mobile broadband access

→ Costs of Access

- School connectivity (SDG indicator 4.A.1)
 - TZ: ~3% of schools are connected to Internet
- Digital Health for primary health facilities
 - <1% of primary health facilities have Internet (TZ)
- Community involvement/digital transformation

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

OPEX

CAPEX



Published: 14 January 2020

Schools of the Future: Defining New Models of Education for the Fourth Industrial Revolution

As globalization and rapid advancements in technology continue to transform civic space and the world of work, education systems have grown increasingly disconnected from the realities and needs of global economies and societies. Education models must adapt to equip children with the skills to create a more inclusive, cohesive and productive world.

[Source: World Economic Forum: <https://www.weforum.org/reports/schools-of-the-future-defining-new-models-of-education-for-the-fourth-industrial-revolution>]



From Education to Inclusive Health

- ➔ Cognitive skills
 - literacy and numeracy
 - critical thinking
 - problem solving
- ➔ Social and emotional skills
 - empathy, teamwork
 - leadership, cultural awareness
 - **fraternity & social friendship**
- ➔ Global challenges
 - Climate, **Sustainability (SDGs)**



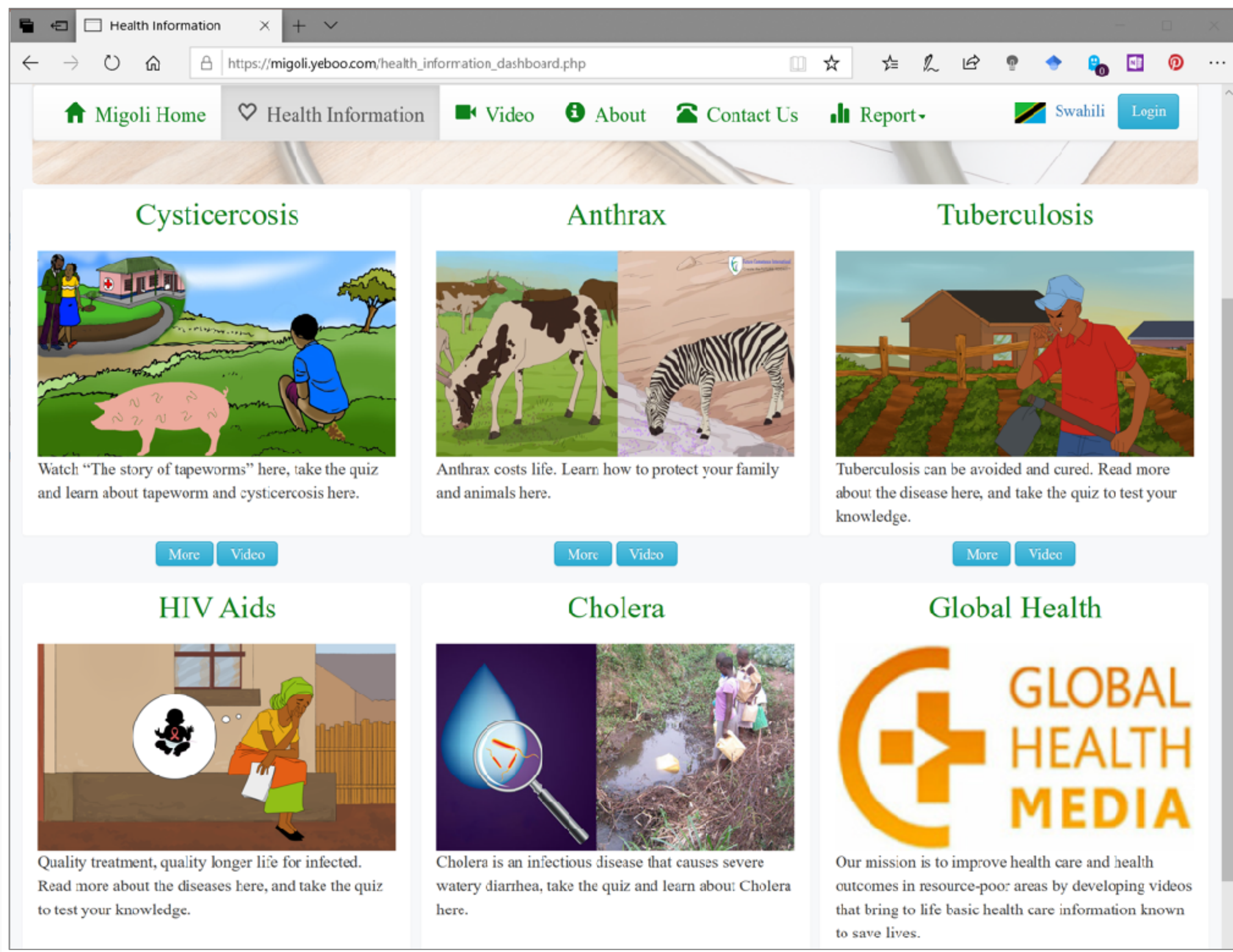
Local presence - Village Platform

<http://Yeboo.com>



The website will contain locally stored information on

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



Exemplary: Digital Health Information



Snapshots from website, HIV and Cysticercosis animations

Mwanzo Afya Kuhusu Wasiliana nasi Repoti- Videos- English Login

Epuka Tegu



Kisababishi ya Tegu



Mnyoo hapa aitwae Tania solium, husababisha binadamu kuangua vibaya sana. Binadamu hupata minyoo hao kwa kula nyama ya ngutuwe mbichi au isiyoita vizuri, yenye malengelenge ya minyoo (cysts). Ndani ya utumbo wa binadamu, malengelenge hayo hutoka katika nyama na kujishikiza kwenye ukuta wa utumbo na kufanyika minyoo ambao hukua na kutaga mayai.

Dodoso ya Tegu

Tafadhali jaza utafiti kuhusu Tegu

Jinsia yako ni ipi?

- A) Me
- B) Ke

Je, umewahi kusikia kuhusu minyoo aina ya tegu?

- A) Ndio
- B) Hapana
- C) Sina

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

- A) Ndiyo
- B) Hapana



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



Preliminary findings from intervention villages: Number of participants with correct answers, before and after exposure

	Before exposure	After exposure	Increase
HIV / AIDS	234 (78.5%)	274 (91.9%)	40 (13.4%)
Tuberculosis	192 (64.4%)	280 (94.1%)	88 (30.0%)
<i>Taenia solium</i> cysticercosis/taeniosis	49 (16.3%)	225 (75.3%)	176 (60.0%)

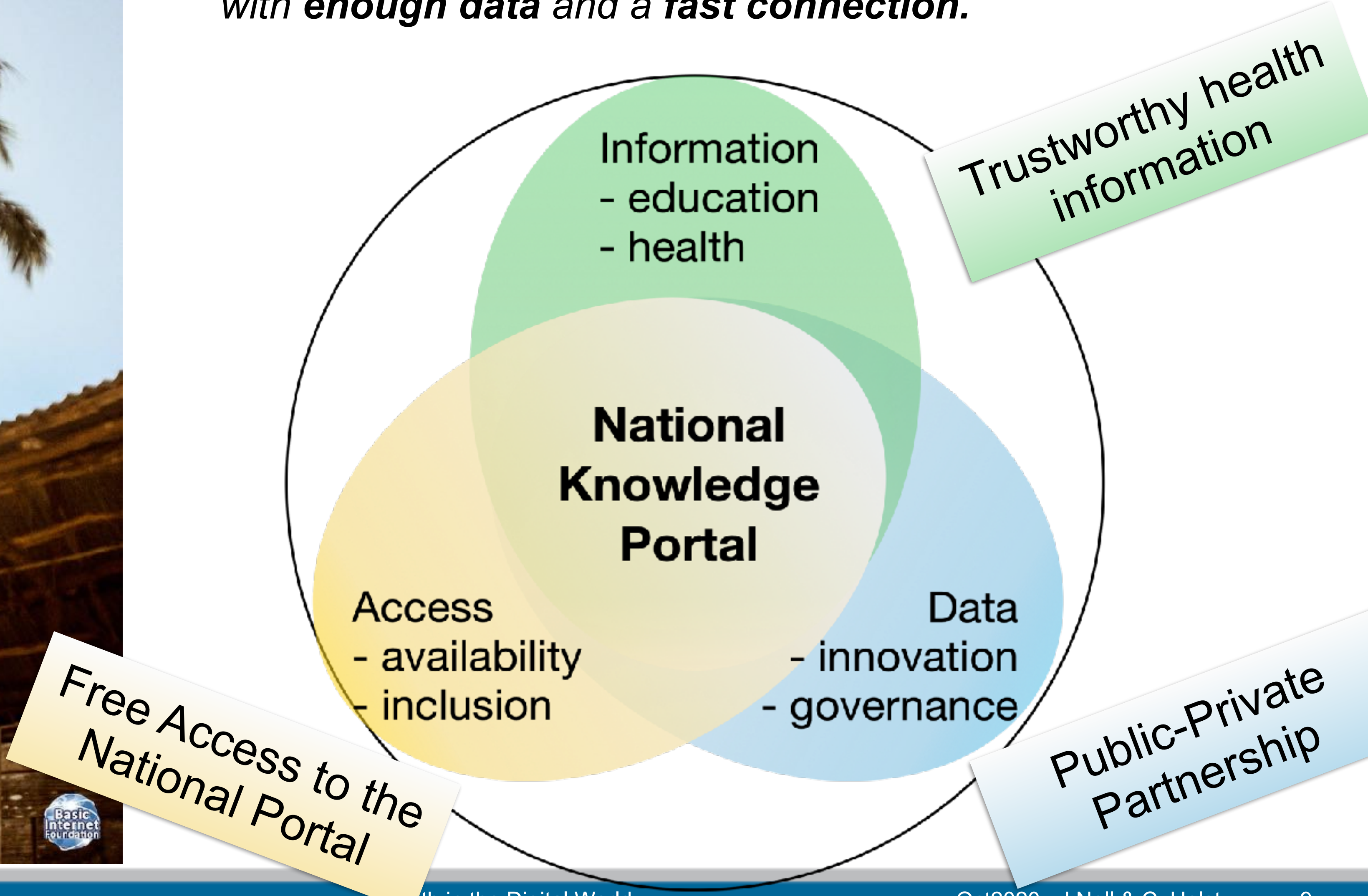
First Results: **Knowledge increase** on
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 Tuberculosis **30%**
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Calculated only on questions with one correct option, not multiple choice questions.
 Preliminary results have not yet been adjusted for confounders (age, gender, education etc.)

Addressing Health in the Digital World through Innovations & Collaborations



Meaningful connectivity to the internet on daily basis and skills for using an appropriate device with enough data and a fast connection.





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



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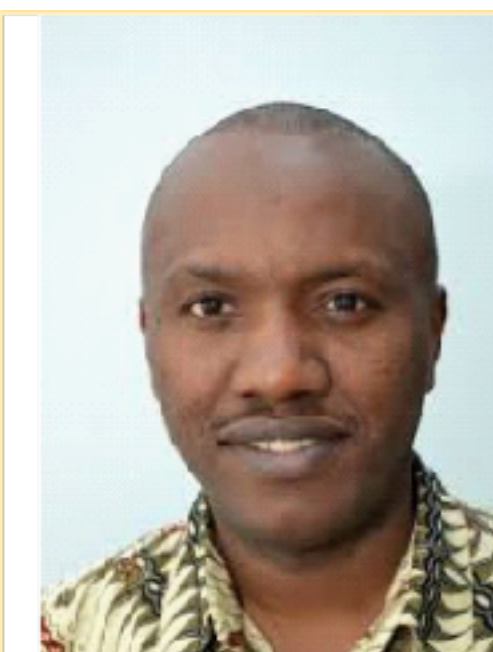
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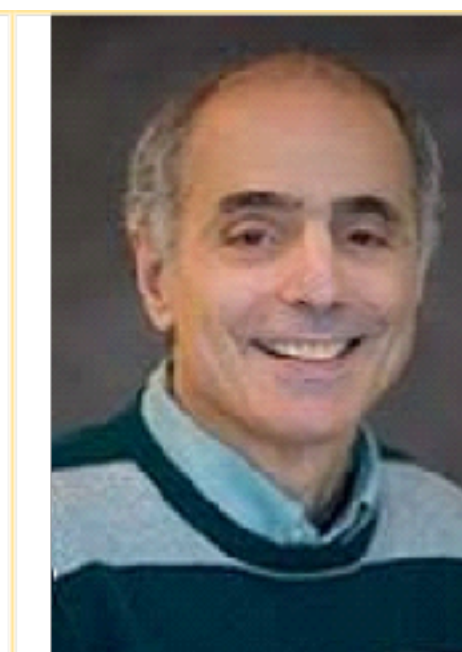
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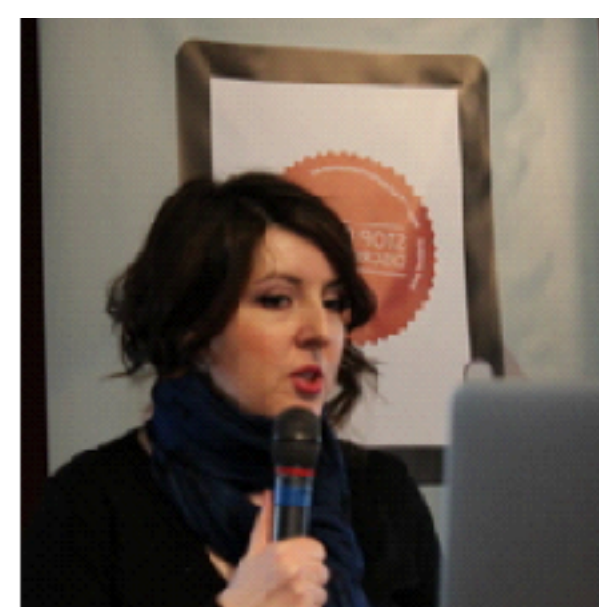
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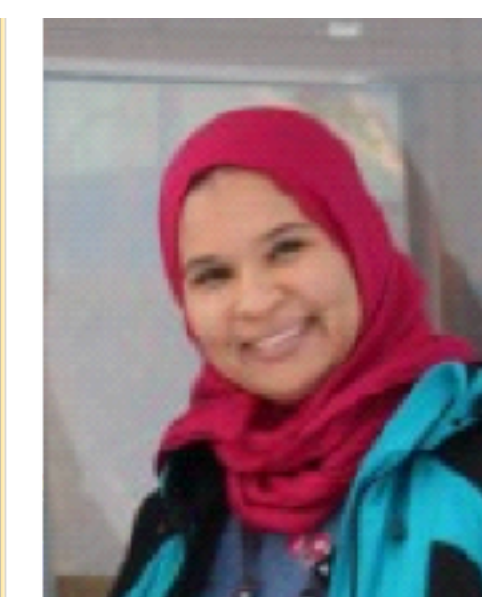
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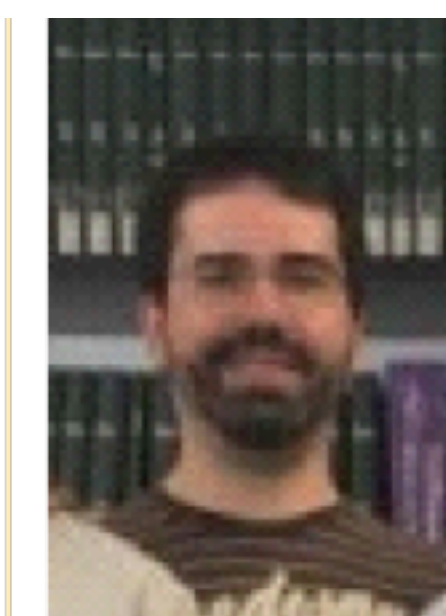
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