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Digital Deltagelse for Alle

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Starting Point:

JOSEPH E. STIGLITZ
WINNER OF THE NOBEL PRIZE IN ECONOMICS



THE PRICE OF INEQUALITY

HOW TODAY'S DIVIDED SOCIETY
ENDANGERS OUR FUTURE

Grand Challenges - a.o. Digital Divide

Basic Internet Focus

- Grand Challenges

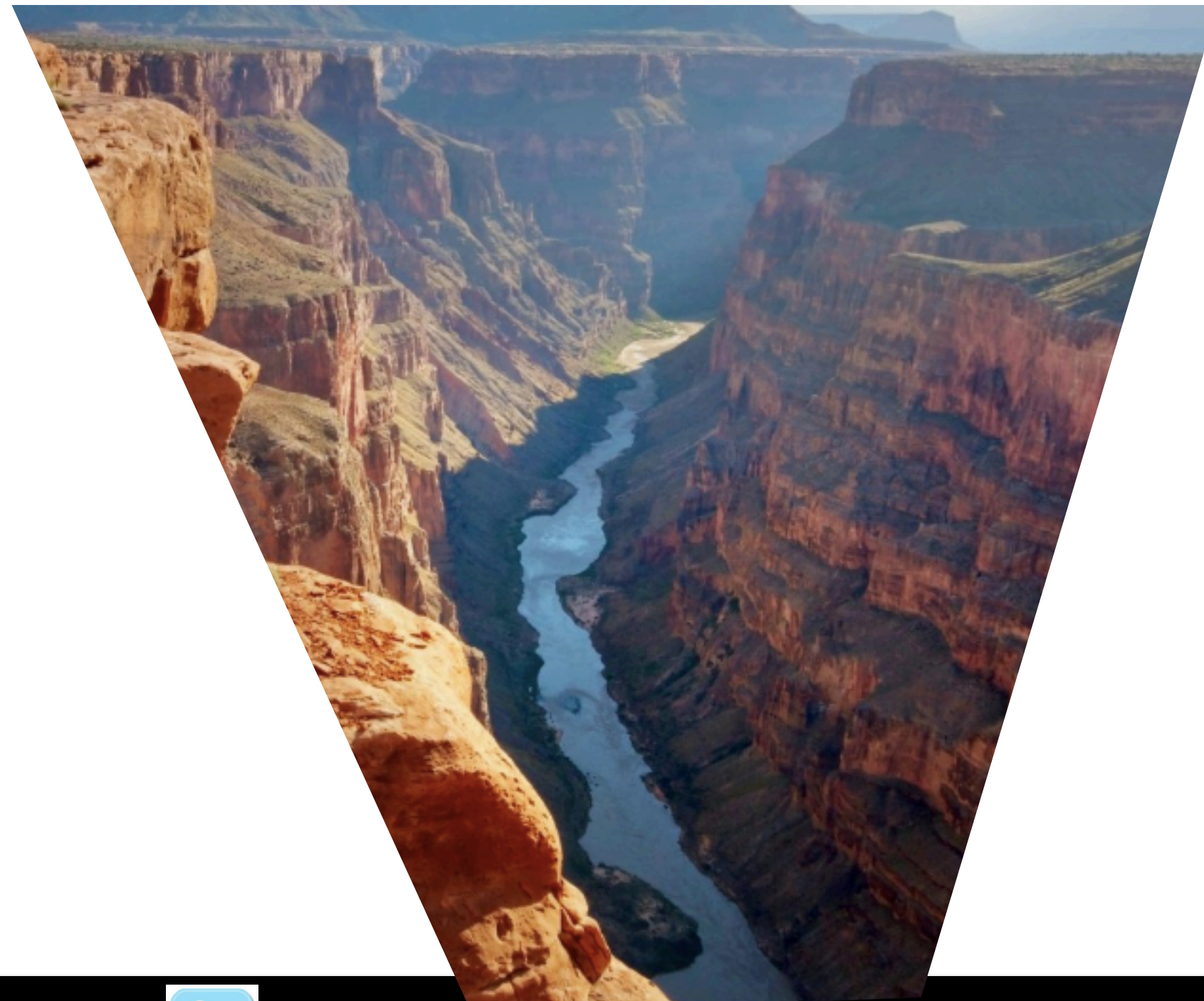
- Climate
- Resources (radio, minerals)
 - Kobald (East - DR Congo)
- Divide

- Digitisation

- Mobile Networks
- IoT
- Automation
- ...

- Will enhance

- the digital divide



- How are **we** going to **address the challenges?**

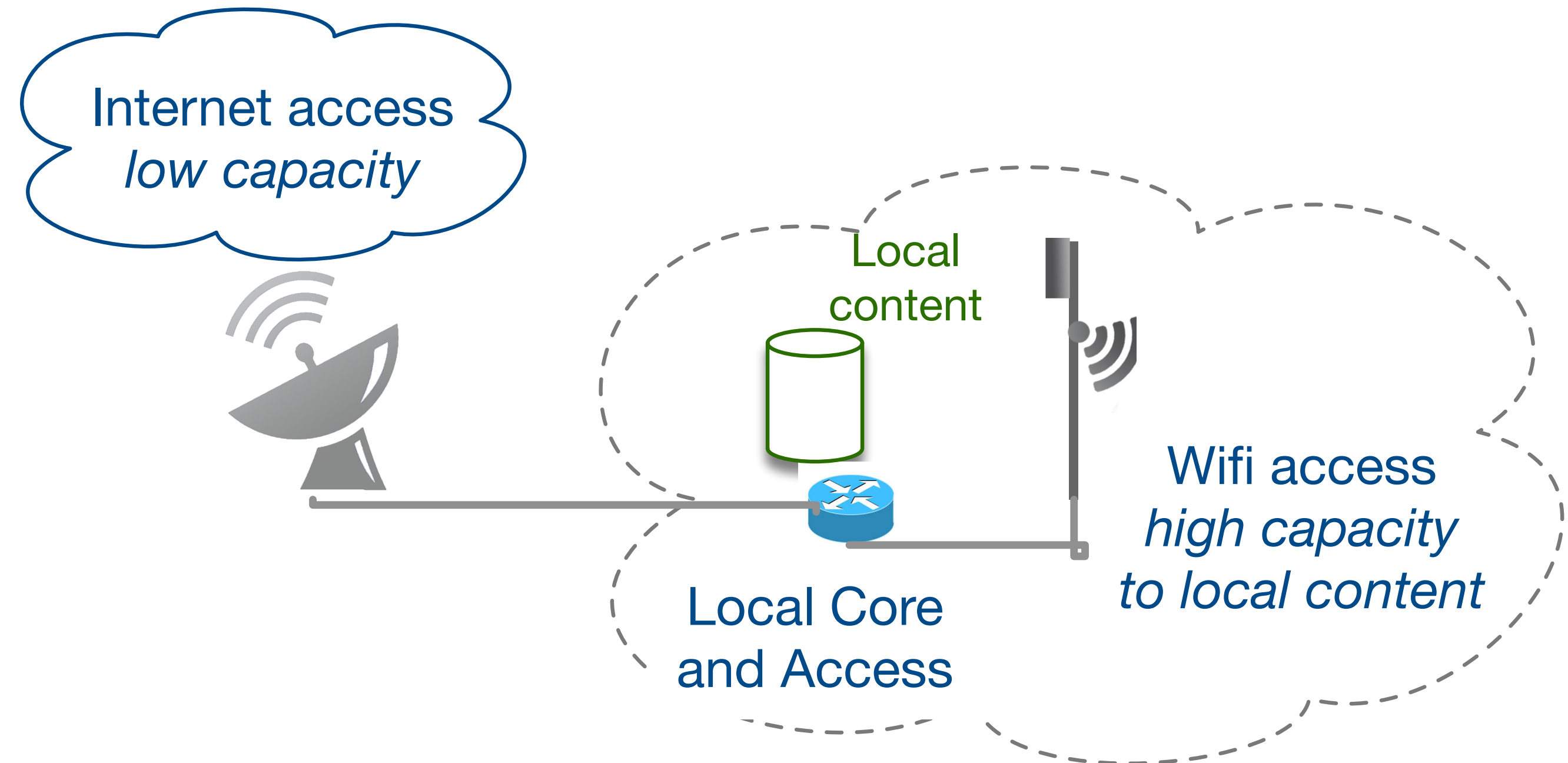
- Digital Inclusion and Empowerment

- Specific Solution:
 - Internet Lite for All
 - **Freemium** Model for **Access**

“Internet Lite for All”

the walk on the Internet

- **Freemium** model
 - ➔ Free: text, pictures & local video
 - ➔ Premium: broadband services
- Ensure **Network Neutrality**
 - ➔ Content type filtering
- 1 premium pays for 300 free
 - ➔ “10 months of Information, or 10 min of video”?



Satellite: 1 Mbit/s = 2000 US\$/month

Tanzania: 4Mbit/s = 600 US\$/month

And what about IoT?



SUSTAINABLE DEVELOPMENT GOALS

FREEDOM OF EXPRESSION

We can't reach the U.N. goals for sustainable development without the internet

22 JUNE 2017 | 11:40 AM



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It's become common wisdom that the United Nations' ambitious "Global Goals for Sustainable Development" aren't just for the U.N., or even governments, to implement. Launched in September 2015, the 17 goals and 169 targets are "a series of ambitious targets to end extreme poverty and tackle climate change for everyone by 2030" (hence the alternative moniker, the "2030 Agenda for Sustainable Development").

Replacing the more arcane "Millennium Development Goals," these Sustainable Development Goals (SDGs) are everyone's goals, crowd-sourced to completion and promoted by companies and civil society alike. (Cue the hip, auto-playing video on the website.)



STEPHEN HAWKING CARES MOST ABOUT #GOAL 9 INDUSTRY, INNOVATION & INFRASTRUCTURE #GLOBALGOALS

Smartly, the goals, especially Goal 17, emphasize that **access to technology underpins every one of these commitments** to the eradication of extreme poverty.

However, not all connectivity is the same, nor yields the same benefits to societies in terms of economic, social, or cultural development. As we told the International Telecommunication Union (ITU), only **stable, secure, and open access** to broadband internet will ensure success for the U.N. SDGs. That's something civil society and our partners will continue to make clear, and we'll need to work in legislatures to get the point across, not simply at aid and development banks.

To reach the SDGs, we need civil and political advocacy

Traditionally, information and communications technology (ICTs) have not been a major recipient of aid funding. That's one reason this crucial technology is "under-represented" in the SDGs and appears in only four of the 169 targets. It's assumed that telecommunications will take care of itself, having been largely deregulated and privatized in the 1980s and 1990s. Yet **more than half the world's population is not using the internet**, a statistic showing the failure of local, national, and global governance with economic, political, and moral implications.



PETER MICEK
[@lawyerpants](#)

FREEDOM OF EXPRESSION

GLOBAL

#ITU4SDG

#KEEPITON

CONNECTIVITY

ITU

SDG

SUSTAINABLE DEVELOPMENT GOALS

UNITED NATIONS

RELATED

Beyond connectivity: building an inclusive U.N. agenda for internet development [Read More >](#)

Access Now welcomes new report on economic impact of shutdowns [Read More >](#)

<https://www.accessnow.org/cant-reach-u-n-goals-sustainable-development-without-internet/>

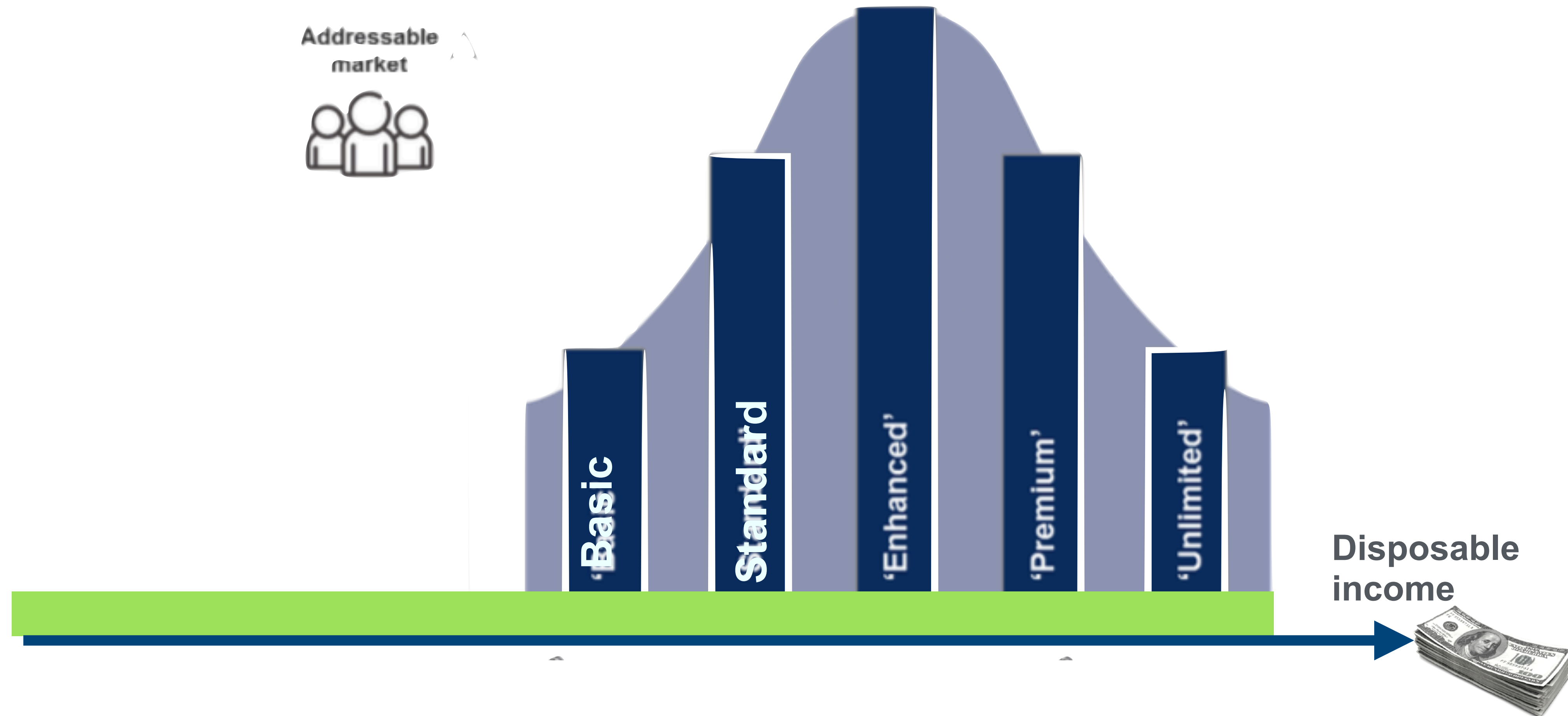


BasicInternet.org

Internet lite for all *the catalyst for the goals*

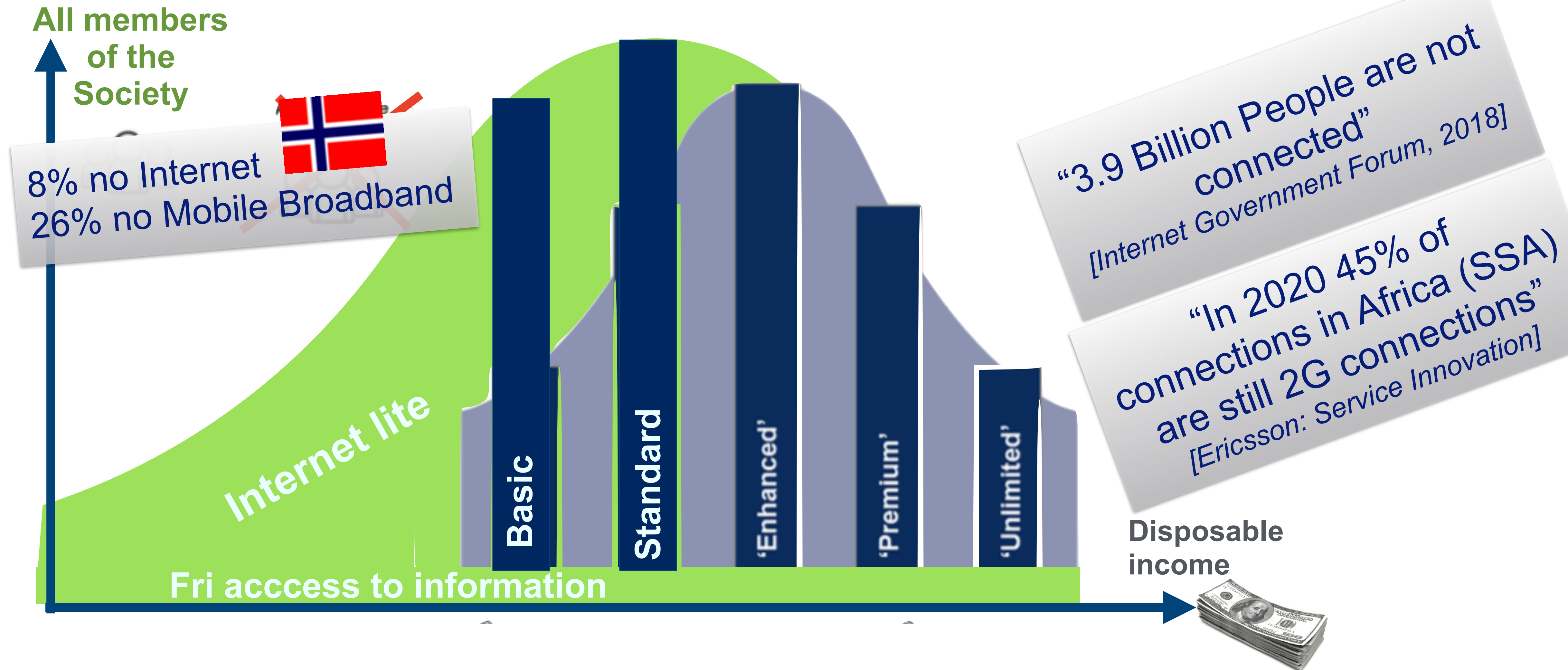


6G (#5GforAll) for digital inclusion



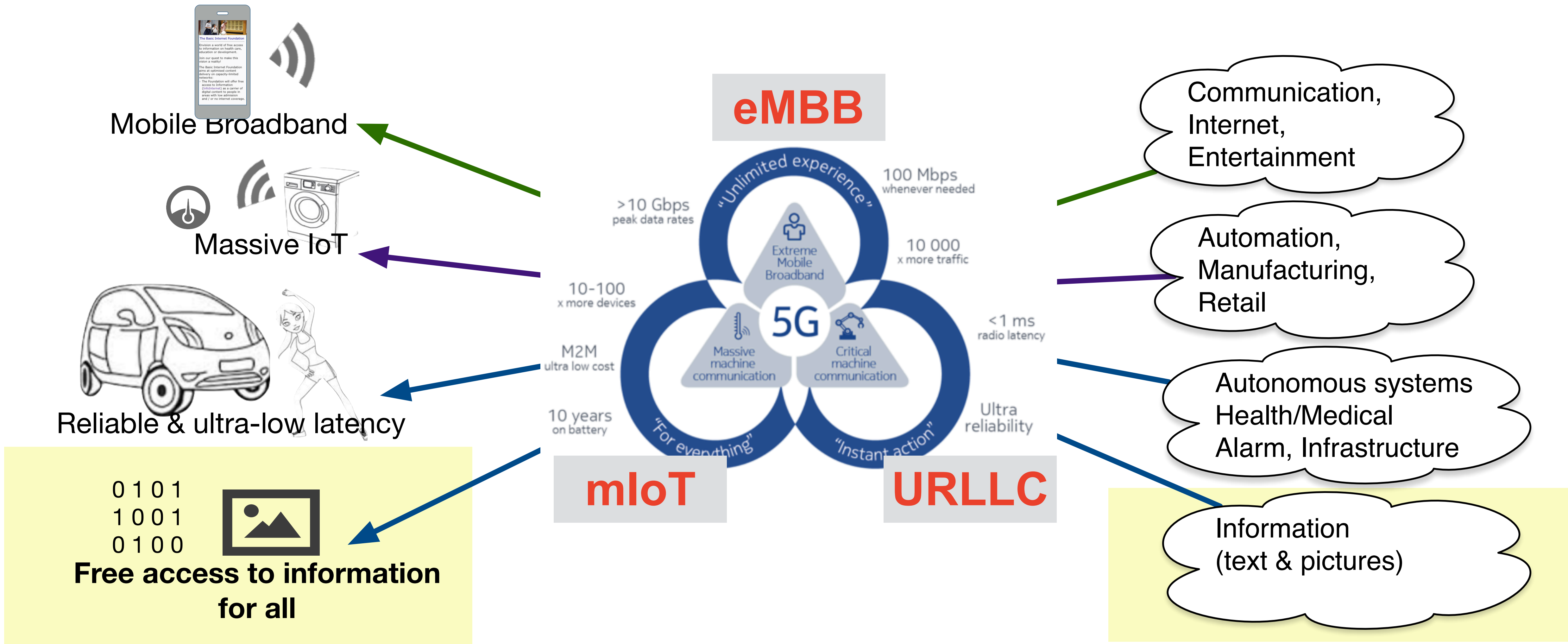
[Adapted from: Service Innovation through Smart Networks, Ericsson, 2018]

6G (#5GforAll) for digital inclusion



[Adapted from: Service Innovation through Smart Networks, Ericsson, 2018]

5G network slicing for Free Access to Information for All



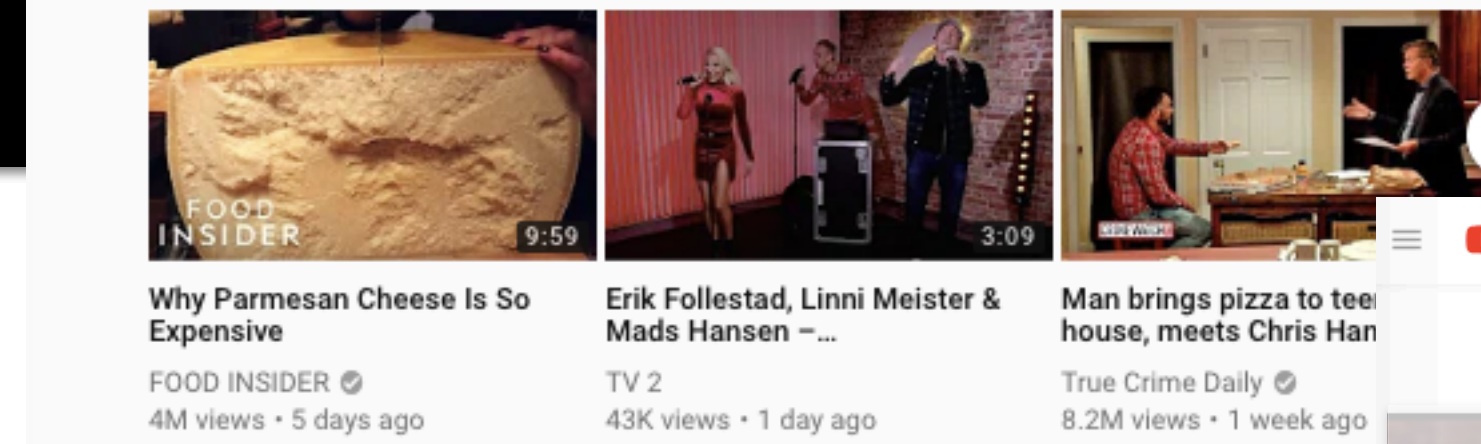
InfoInternet Standard



- Network responsiveness
- InfoInternet Standard development
 - **Konzept:** www-filtering
 - free: text & picture, premium: video
 - **Pilot:** www metadata & inspection
 - address, port & deep packet analysis
 - **Standard:** proxy & html5 standard,
 - <http://BasicInternet.org&standard=InfoInternet>

Konzept:

free



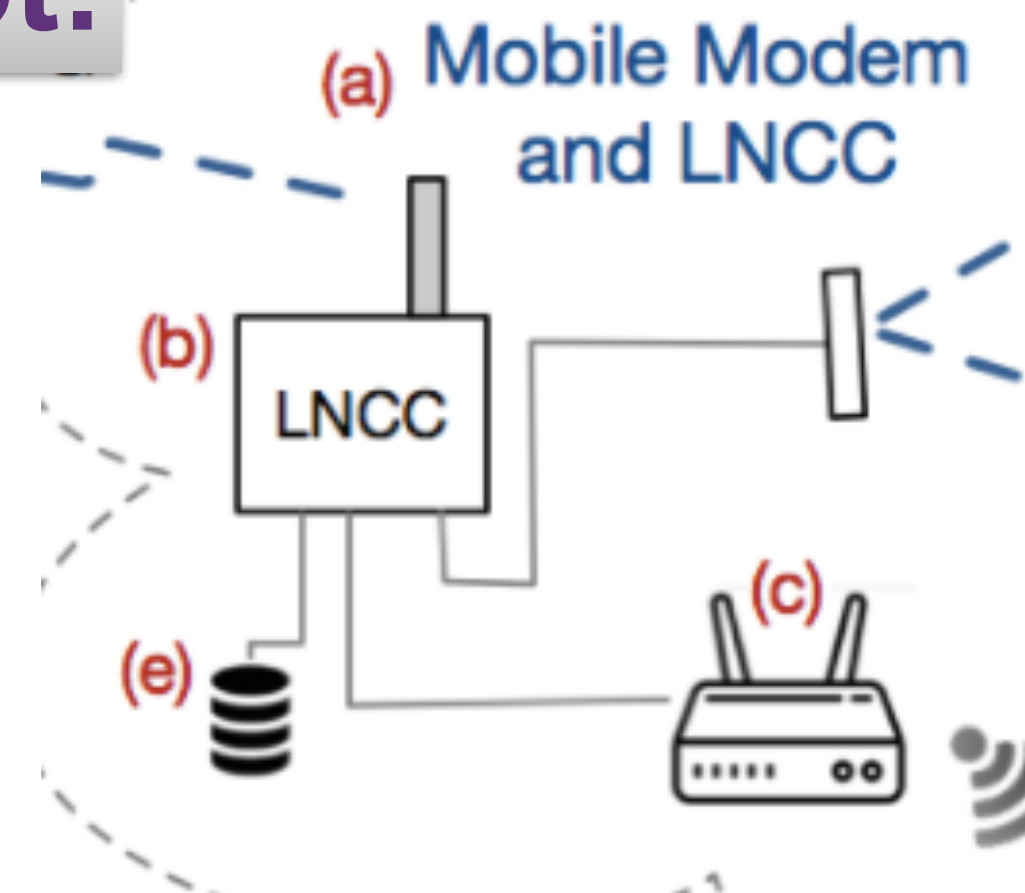
premium

Add voucher
to see the movie

5qhx9

Submit

Pilot:



Standard:



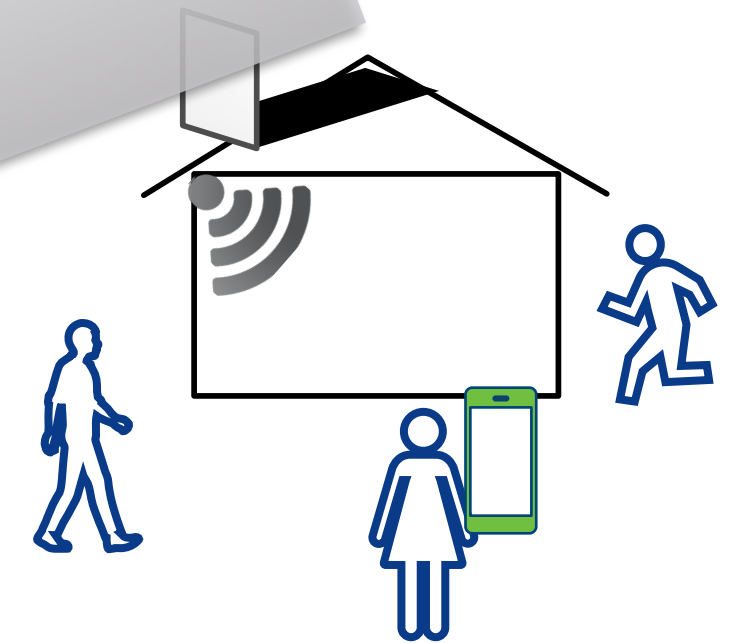
Conclusion



- “Internet Lite for All”
 - Freemium model for access
 - at Home, in the Mobile Network, World-Wide
- Framework for Sustainable Development
 - Convergence: Energy & Health & Digital
 - #ReturnOnSDGs instead of #ROI
- Information Spot(s) in each village
 - basis: free access to information for everyone
 - add-on: Health, Education, Decent Work Financial Inclusion, ...
- Foundation and Business Partnership
 - 80% business, 20% societal empowerment
 - Your help: business, content, support

“Providing Internet to the basic of the pyramid isn't a question of affordability, but rather a question of sustainability”
Internet Governance Forum, Panel,

Starting with
one Information Spot
per village



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



FR



ES



Ministry of Health, TZ



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