

United Nations Sustainable Development Goals

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

Source: Akers Avis Groruddalen, 2013

6G and SDGs Oct2020, Josef Noll 2

Affordable Energy & Internet Lite for All

the catalysts for the goals

Showcase
“Non discriminating access” project

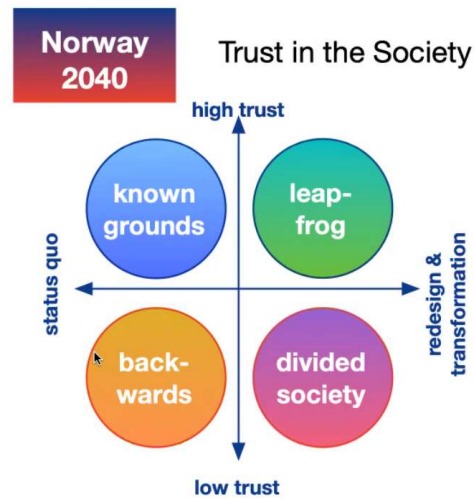
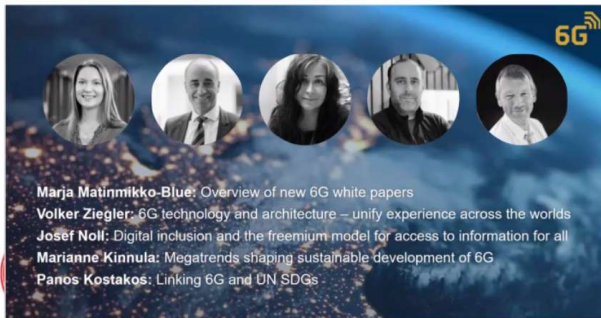
- funded by RCN and Mfa/Norad (14.9 MNOK for 2017-2020)
- Tanzania: digital health
- Mali: energy

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

6G and SDGs Oct2020, Josef Noll 3

Topic areas for Master Thesis

- Societal Security
- Trust in Society



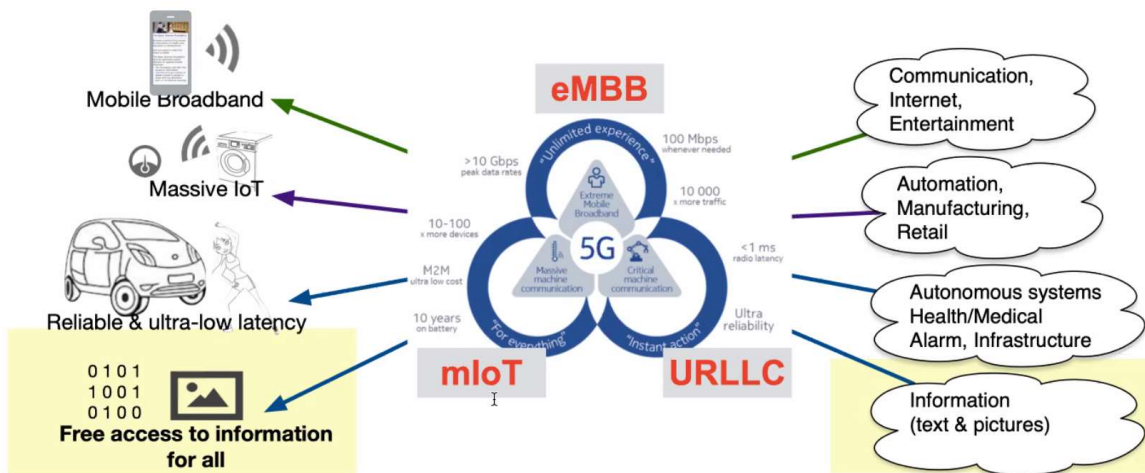
Nov2017, Josef Noll 4

Providing 6GforAll

- ➔ **Free access to Information (Internet Lite)**
 - 1) Access - one **Information Spot** per village
 - 2) Skills - Health, Education, Agriculture
 - 3) Regulations - Freemium model
 - 4) Inclusion - Free access for all #LeaveNoOneBehind
- ➔ Internet Lite & **Freemium** model for access
 - **free access to National Knowledge Portal** for all
 - **premium access to broadband**
 - sustainable solution



5G network slicing for Free Access to Information for All



UiO : Department of Technology Systems

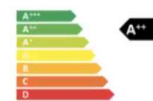
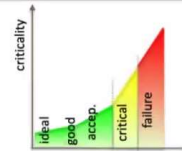
The Faculty of Mathematics and Natural Sciences

Conclusions

- Things (IoT) are driving the digital societies
- Two main areas for a Master Thesis
 - Security and Privacy in IoT
 - IoTSec.no, Privacy Label
 - Smart Energy transition
 - trust in the society
 - Digitisation of the Society
 - 4 Billion without Internet
- Sustainability and Digital Inclusion
 - UNO Sustainable Development Goals (SDG 2030)



Free access to basic information: Internet Lite



SPD level	SPD vs SPD ₂₀₁₇
(67,61,47)	(●, ●, ●)
(67,61,47)	(●, ●, ●)
(31,33,63)	(●, ●, ●)

