

UiO Department of Technology Systems
University of Oslo

African Internet Governance Forum, Jul2022 #WS23 5G and African Youth, 19Jul2022

# 5G for Sustainable and Inclusive Communications

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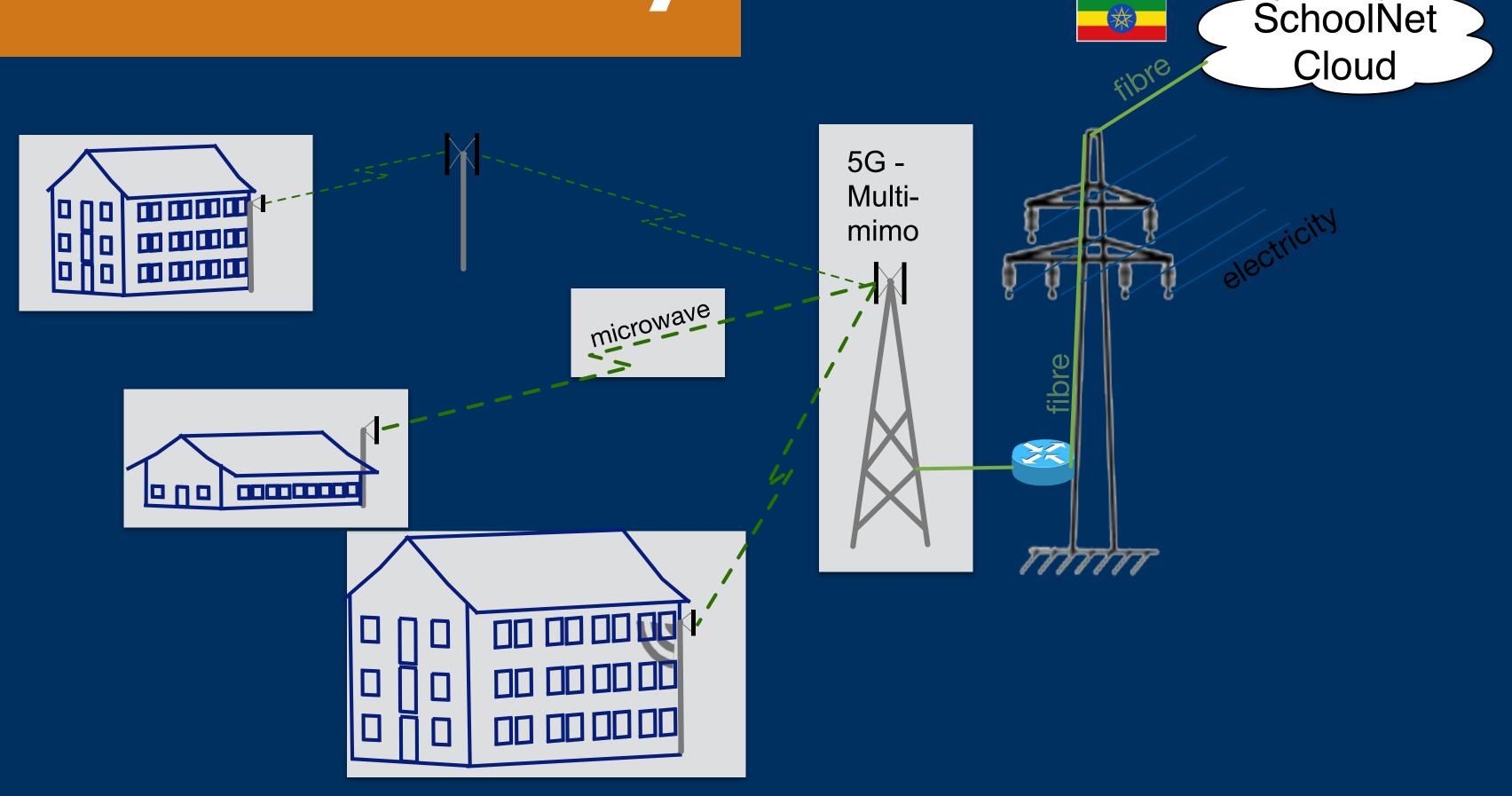


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# 5G for reaching the villages

### 5G for school connectivity



#### AfricaConnect3 and the role of Universities







AfricaConnect3 project is cofunded by the European Union The AfricaConnect3 project receives funding from the European Union under Grant Contract DCI-PANAF/2019/411-583.





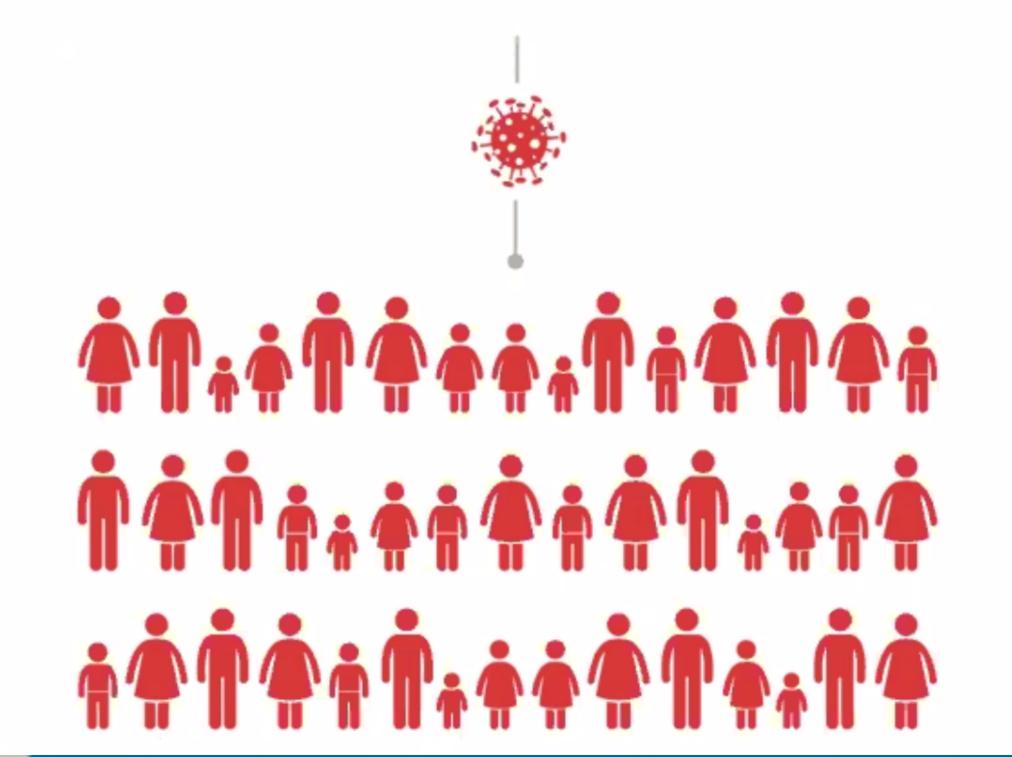




- Research for the (digital) Society
- Competence for the Digital Transformation: Access, Skills, Regulations & Inclusion
- Connect Schools & unconnected Communities Student involvement and activities
- Research based on data from the communities

## COVID-19 HAS LED TO THE FIRST RISE IN EXTREME POVERTY IN A GENERATION

AN ADDITIONAL 119-124 MILLION PEOPLE WERE PUSHED BACK INTO EXTREME POVERTY IN 2020



#### **Talking: Caroline Stratton** THE PAN IS LIKELY TO REVERSE PROGRESS MADE IN REDUCING INCOME INEQUALITY SINCE THE FINANCIAL CRISIS 带带 ESTIMATED TO INCREASE THE AVERAGE GINI FOR EMERGING MARKET AND DEVELOPING COUNTRIES **BY 6%**

\_\_\_\_\_ COVID-19 \_\_\_\_ HAS WIPED OUT 20 YEARS OF EDUCATION GAINS

AN ADDITIONAL 101 MILLION OR 9% OF CHILDREN IN GRADES 1 THROUGH 8 FELL BELOW MINIMUM READING PROFICIENCY LEVELS IN 2020



The Sustainable Development Goals Report

#### THE PANDEMIC

HAS LED TO THE LOSS OF THE EQUIVALENT OF

255 MILLION FULL-TIME JOBS















ABOUT 4X THE NUMBER LOST DURING THE GLOBAL FINANCIAL CRISIS (2007-2009)

#### **ECONOMIC RECOVERY** IS UNDER WAY GLOBAL REAL GDP PER CAPITA (2017-2022) O-4.6 2020 2021 2022 BUT FOR MANY COUNTRIES, ECONOMIC GROWTH IS EXPECTED TO RETURN TO PRE-PANDEMIC LEVELS ONLY IN 2022 OR 2023

## 5G network layer

Road model: pedestrians & cyclists

Internet: text & pictures

