

UNIVERSITY OF OSLO

NURTURE final seminar 23Jun2026

University Collaboration - Impact

Josef Noll

Professor, Department of Technology Systems

Lead Digital Global Health, Centre for Global Health

Secretary General, Basic Internet Foundation

UNIVERSITY
OF OSLO



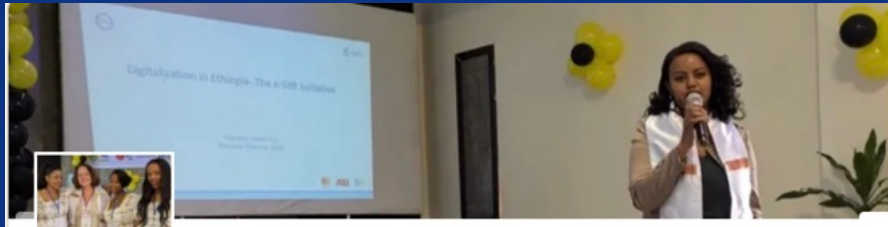
Thanks

1. For the the Soft Skills and the Collaboration
2. For the opportunity to visit you at Hawassa, Addis, Gondar, Jimma
3. The opportunities for collaboration



NURTURE

Female Empowerment Group on LinkedIn



NURTURE Female Empowerment

Private Listed



**AA4EDU &
DHP4DPI.eu**

Our societal responsibility



Department of Political Science
University of Oslo

The ESGs and fundamental values

- The Rome Communiqué defined fundamental values as important elements of the EHEA:
 - Institutional autonomy
 - Academic freedom & integrity
 - Participation of students & staff in governance
 - Public responsibility for and of HE
- Except for academic freedom no definition and even academic freedom not fully agreed upon

14

ESGs European Standards and Guidelines (Standards and Guidelines for Quality Assurance in the European Higher Education Area)
EHEA European Higher Education Area
HE Higher Education

Evolution of KPIs from IIIT

- University
- Society
- Industry

The KPI Revolution: Measuring What Matters

The transformation is perhaps most evident in the way institutions are now expected to define and measure success. The emphasis is shifting from merely producing research publications to fostering innovation, entrepreneurship, and start-up creation.

Success is no longer judged solely by the volume of academic output, but by the tangible value generated – economic, societal, and technological. For IIITs and other technology-focused institutions, this necessitates a fundamental rethinking of their performance architecture, evaluation metrics, and strategic priorities.

The challenge is to move beyond counting outputs and toward demonstrating meaningful impact.

Earlier KPI Orientation

- Publications and conference papers.
- Research reports and citations.
- Sponsored projects.
- Academic collaborations.
- PhD completions.

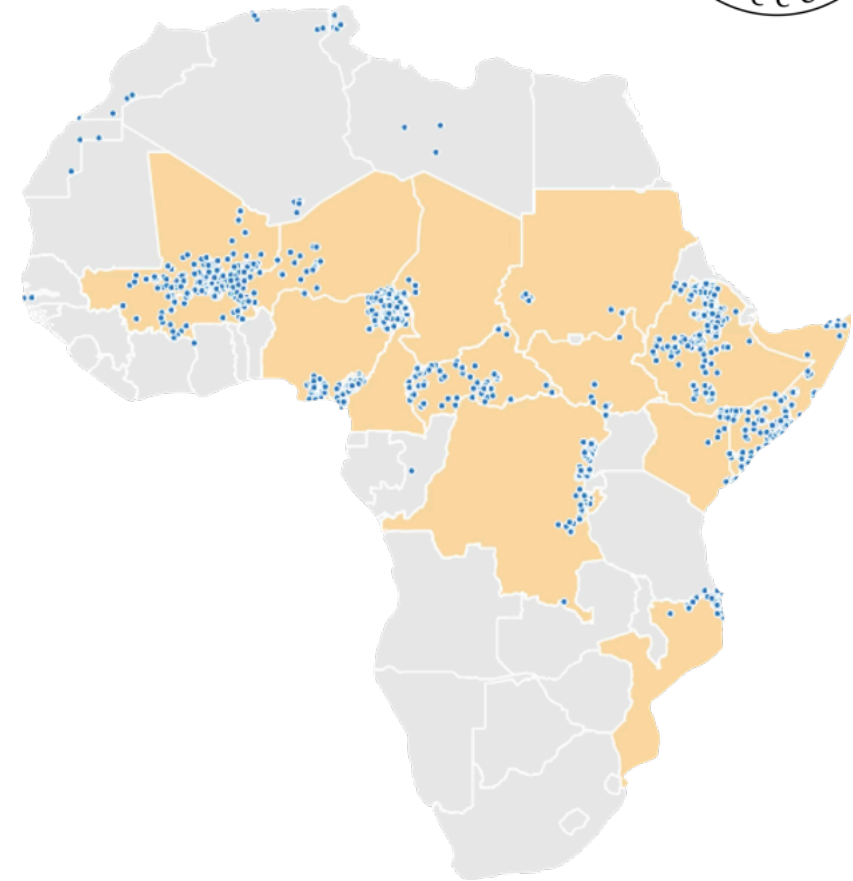
Emerging KPI Orientation

- Patents granted and technology transfer.
- Startups incubated and spin-offs created.
- Industry adoption and IP revenue.
- Deep-tech commercialization.
- Innovation ecosystems and venture creation.

National frameworks now track: startups created, patents granted, licences executed, revenue from IP, industry-funded research, and societal deployment of technologies.

The future of Ethiopia

- Infrastructure
 - Braille machine(s), wheel chairs, ... - *shows the way*
 - Digital Public Infrastructure (DPI), AI, NLP
 - DHP4DPI.eu and AA4EDU.BasicInternet.org (<10 USD/month)
 - Euroam, Metroroam, Educloud (Nextcloud)
- Key Performance Indicators for Higher Education (HEI)
 - Higher Education: papers, candidates,
 - Societal KPI: GAP (increase, female), digital, needs,...
 - Industrial KPI: #challenges, #start-ups, external funding
- Academic Excellency in Ethiopia
 - International conference - a highly acknowledged light-house
 - International journal(s)
- Drivers of change
 - follow-up of eSHE - digital from Universities to schools
 - Farmer Transformation Centres (FTCs)
 - ...



[Source: World Economic Forum, Palik et al. - Conflict Trends in Africa, 1989–2021, PRIO Paper 2022]