Digitalisation and information security during Covid 19 (and beyond)

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ABOUT UNIT
Helping the HE-sector realize the currently applicable sectoral objectives for research and higher education

**Governance**
- National coordination
- Following up the strategies set by the Ministry
- Portfolio management
- Architecture governance
- Following up the initiatives from the HE-sector.

**Service Delivery**
- System and service provider (development and procurement)
Key figures

- 200 staff
- 2 locations
- 50 services
- 220 institutions
- 3 sectors
- €50 mill budget
DIGITALISATION DURING COVID 19
Teaching within higher education was moved to digital platforms in under a week.
Unit and the HEIs in the times of Covid-19

- Pre-existing collaborative forums used for webinars and guidelines provided

- Upscaling the capacity for Video, Collaboration tools and Digital examination together with Uninett

- Developed national GDPR guidelines for using video in education
Easily accessible and quality assured digital learning resources are especially valuable in times of crisis, and have great long-term value for society in relation to lifelong learning.

A joint solution for search, accessing and finding information about available resources will be established, including guidelines.
We need effective and open systems to share and disseminate research widely and freely - at no cost to others

What?
- All research results
- Authors retain copyright to their published work
- Various licenses regulate reuse

Why?
- Equal access to information strengthens democracy
- Openness strengthens the quality of research, and the trust in it
- Early access to information helps increase participation in research and more rapid results

➢ This is especially relevant at the present time as early research results can help identify new tests, medicines and vaccines that can help in the fight against COVID-19
Modern development methodology for IT solutions and partner-based collaboration with the supplier market shows its strength during the crisis.
INFORMATION SECURITY
Home office security challenges were obvious, but (surprisingly) few serious incidents so far

Vulnerabilities!  Who was best prepared?

Enkle grep for et sikkert hjemmekontor

Dette er det viktigste å tenke på ved hjemmekontor:
Certified video solutions provided by trusted third parties should be preferred

Vulnerabilities! Who was best prepared?
LONG TERM ASPECTS

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NEW STRATEGY FOR DIGITALISATION IN HED
The three levels of digitization

1. Digitisation
   - From analog to digital

2. Digital automation
   - ICT to replace / streamline tasks

3. Digital transformation / disruption
   - Value creation, innovation, competitiveness and development orientation

So far mostly 1 and 2, the new strategy will focus more on level 3!
The road towards 2030

Competence

Culture

Infrastructure

Applications
Shared services
Artificial Intelligence
Data

Digital pedagogy
Digital attitude
Skills
Structure and content for a new digitisation strategy

Overall goals for HE

Aims
Why is this digitalisation strategy needed?

Challenges:

Administration
Data and infrastructure

Preconditions
Culture, structure, organisation, funding

Opportunities
Existing solutions and new opportunities

Themes and priorities

Content and design of study programs
Research efforts
Workplace and society

Student
Teacher

Researcher
Manager

Foundation for digitalisation
Education

Research

Technology and data

Nye målbilder

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