UNIT

THE NORWEGIAN DIRECTORATE
FOR ICT AND JOINT SERVICES
IN HIGHER EDUCATION
AND RESEARCH

Digital assessment as a national service

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Socio-technologist
Master's degree in Science and Technology Studies from NTNU, thesis on leadership in World of Warcraft

IT Experience
IT-support help desk and project management

Millennial
"Tech-savvy"
High expectations to the workplace:
• Frequent feedback
• Team-work and social interactions

Fun facts
• <3 games
• Self-taught web design/coding @ 15
• International; French father, Finnish boyfriend

Some backstory

- Three framework agreements signed in 2016
  - **UNIwise Aps (WISEflow)**
  - **Inspera AS (Inspera Assessment)**
  - Enovate AS (Flexite!)
  - Qpercom (Observe, OSCE, separate agreement from 2019)
- About 70 per cent of the HE sector are members
  - 22 universities/university colleges
  - Universities of Agder, Bergen, and Oslo did not partake in joint acquisition
    - Strong contribution and participation in collaboration
- Prepared best practice documentation (CBP – campus best practice) for the procurement
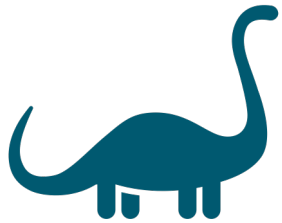- BYOD-based

What was/is the goal?

- Improve student experience by allowing usage of text processing and other digital tools during exam

- Digitize the processes from registering for exams to grading is finalized

- Assure exams make use of good forms of digital assessment

- Provide universities and university colleges with joint modern and digital solutions and tools

- Increased academic and administrative collaboration both nationally and internationally, between institutions and towards business
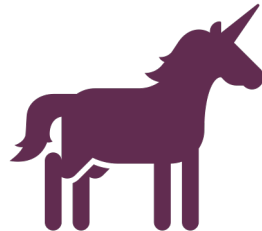
How do we do it?

Step 1:
Implement digital assessment

Step 2:
???

Step 3:
Profit

- National coordination of members and collaboration partners
  - Joint development of system functionality and integrations
  - Completely funded by members
- Close collaboration with members
  - Bi-weekly video conferences with each system group
  - Bi-annual in-person user group meetings
  - Sharing of practice and experiences
  - Standardize workflow and use of SIS
- Dialogue with system providers

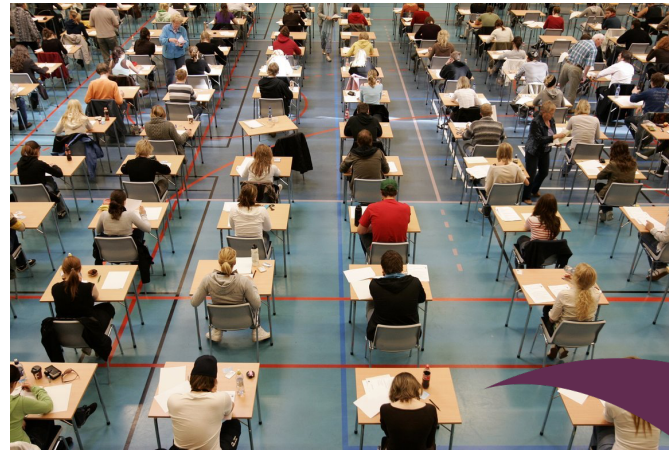# Digital assessment ecosystem
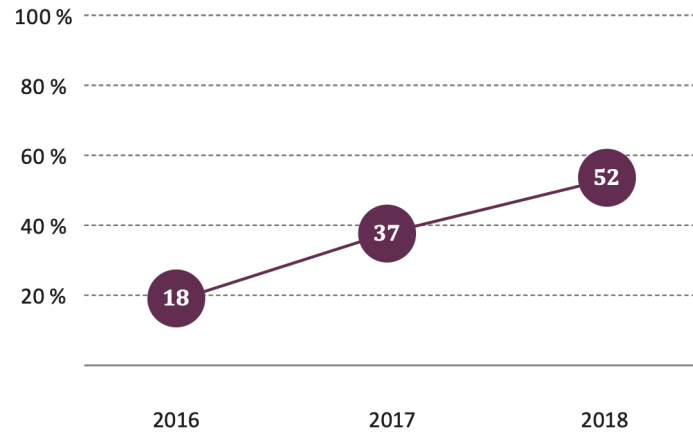
"Good" forms of digital assessment?

100 %
80 %
60 %
52
40 %
37
20 %
18

2016   2017   2018

DIGITALIZED
SINCE 2016

+190%

	2016	2017	2018
Total number of courses	37 445	38 654	38 774
Amount courses digital exam	6 924	14 191	20 121
Per cent courses digital exam	18 %	37 %	52 %

Photo: NTNU Info (https://dusken.no/artikkel/25288/innfrer-digital-eksamen-pa-ntnu/)

Photo: Aleksander Eikeland, NTNU

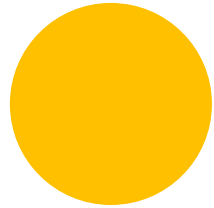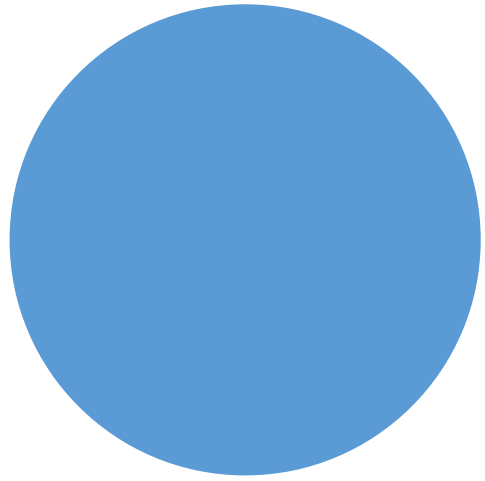*Illustration: Elisabeth Guillot, Digital assessment yearly report 2018.*
Please note: these numbers are limited to closed book exams and are intended to only to give an indication of growth. Hand-in exams are assumed to be 100% digitized.

What are we doing currently? (COVID-19)

- Cross-institutional and cross-system collaboration and discussion in MS Teams

- 30 minute meeting twice per week for sharing experiences and dicsussing solutions/challenges

- Most institutions are changing from closed-book on-site exams to open-book home turn-in exams
  - Oral exams will mostly be done through Zoom and MS Teams

- Risk assessment of conducting exams (on behalf of the institutions) in the current situation

- Increased preparedness in case of incidents

- Dialogue with providers to ensure stability with increased use (scalibility)

Questions or comments?

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