



# Digital assessment

in Norwegian higher education



“It is not impossible to imagine a future of education and assessment which is 100% digital”

## Talking points

- How it started
- Norwegian collaboration model
- COVID-19 as a digitization driver?





## Our story begins in 2014

with a petition from students at NTNU

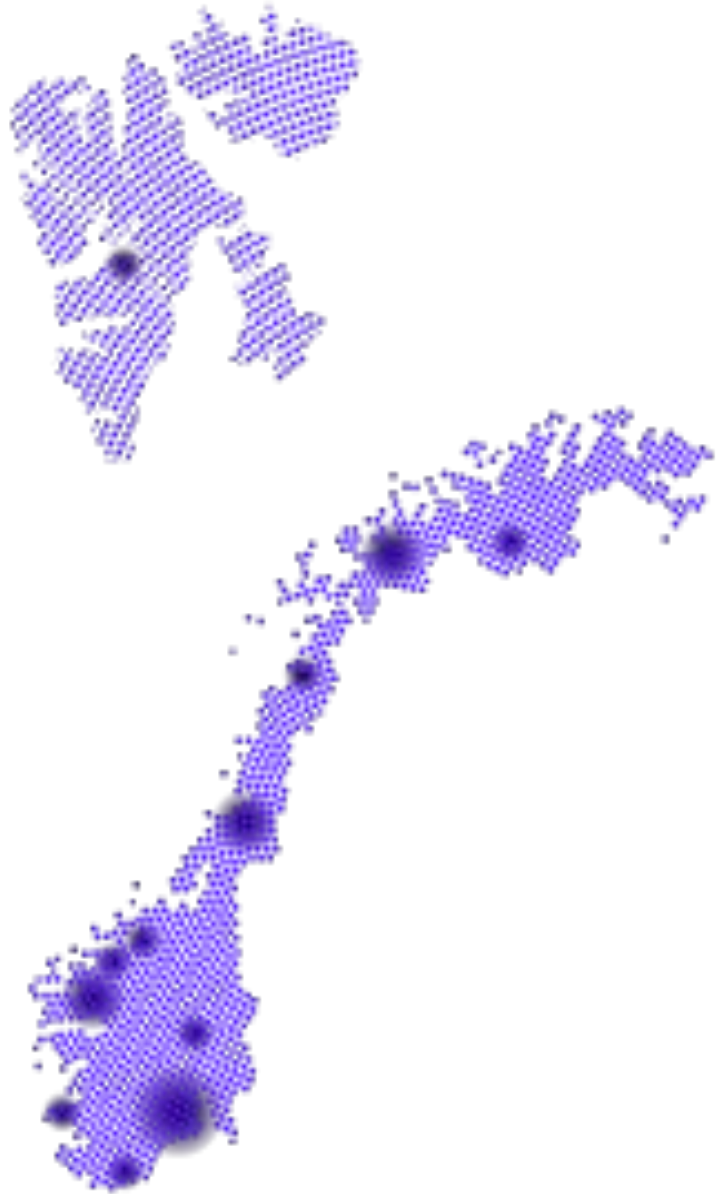
Photo:  
NTNU Info (<https://dusken.no/artikkel/25288/innfrer-digital-eksamen-pa-ntnu/>)

## Joint SaaS procurement

- BYOD-based
- Prepared best practice documentation (CBP – campus best practice)
  - Available here:  
<https://www.unit.no/tjenester/digital-eksamen>
- Three framework agreements signed in 2016
  - **UNIwise (WISEflow)**
  - **Inspera (Inspera Assessment)**
  - Enovate (Flexite!)

## What was/is the goal?

- Improve student experience by allowing usage of text processing and other digital tools during exam
- Digitize the processes from exam registration until 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



23 institutions members  
(+3 participate in HEI collaboration)

Same Student Information System (SIS)

## How do we do it (normally)?

### National coordination

Joint development of system functionality and integrations

Lower cost for each institution

Completely funded by members



Dialogue with system providers



Large-scale benefits; do the work once



Align development with providers' roadmaps

### Close collaboration

Online meetings

Bi-annual in-person user group meetings

Sharing of practice and experiences

Standardize workflow and use of SIS



## National collaboration gives

Standardized workflows for digitization through integrations (do it once)

Higher priority on development from providers (we stand together in agreement)

In total, lower cost of system development

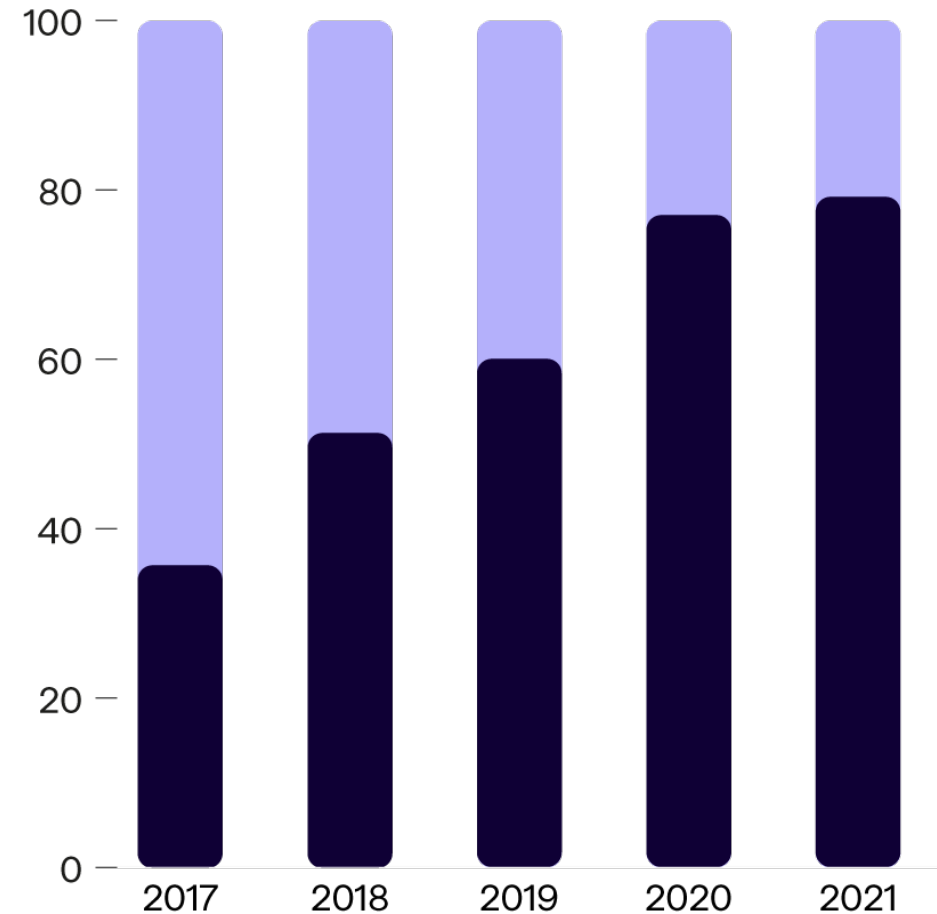
Integrations assure higher data quality and less errors

CBP has made it possible to commercialize exams

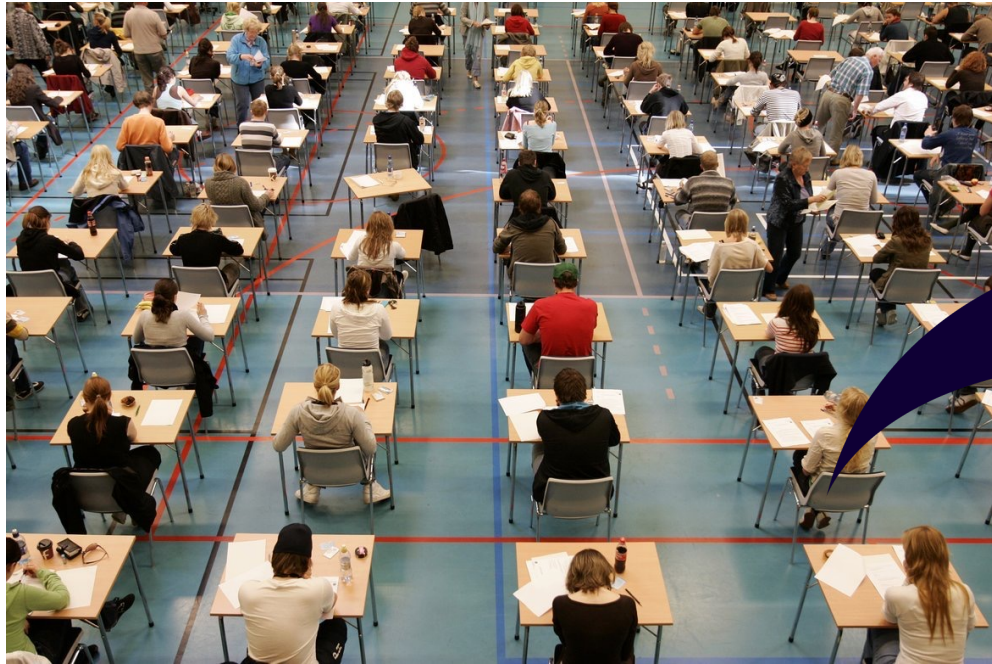
- Ullevål Business Center
  - Norwegian Police University College
  - University of Tromsø

## How is it going?

- 79% of exams/assessment is now digital
- Increase is in line with planned implementation

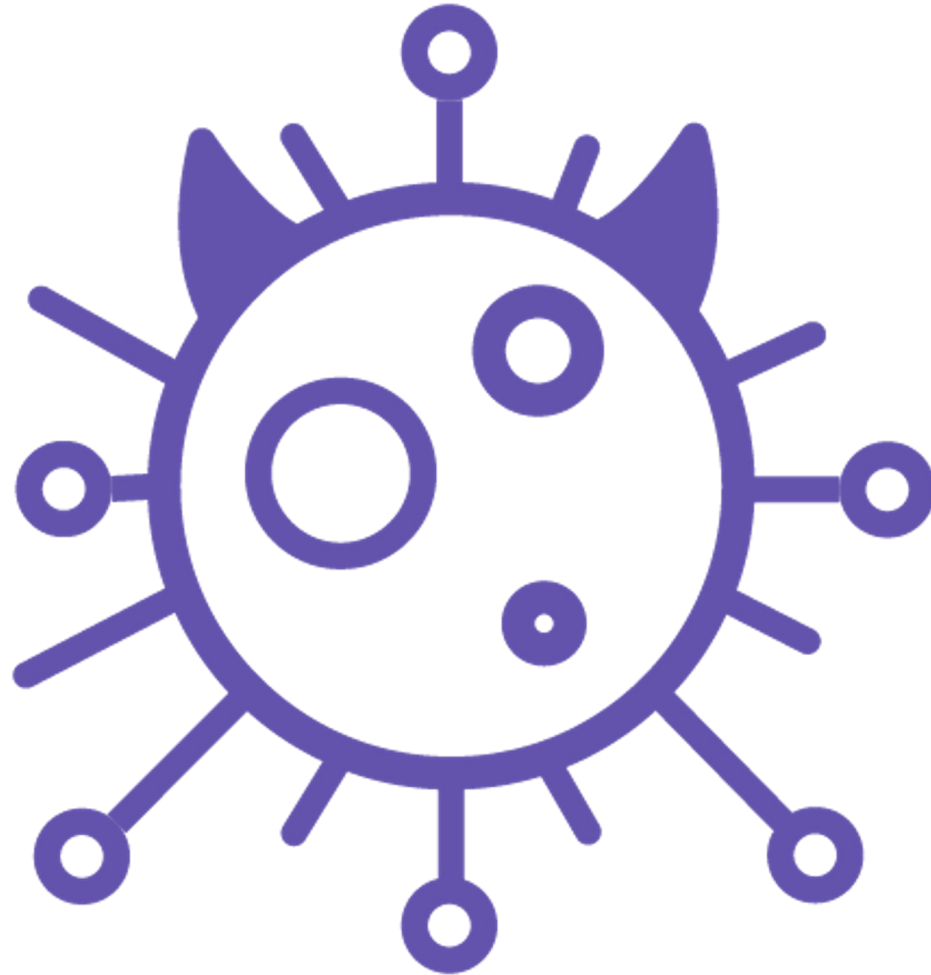


## Evolution, not revolution

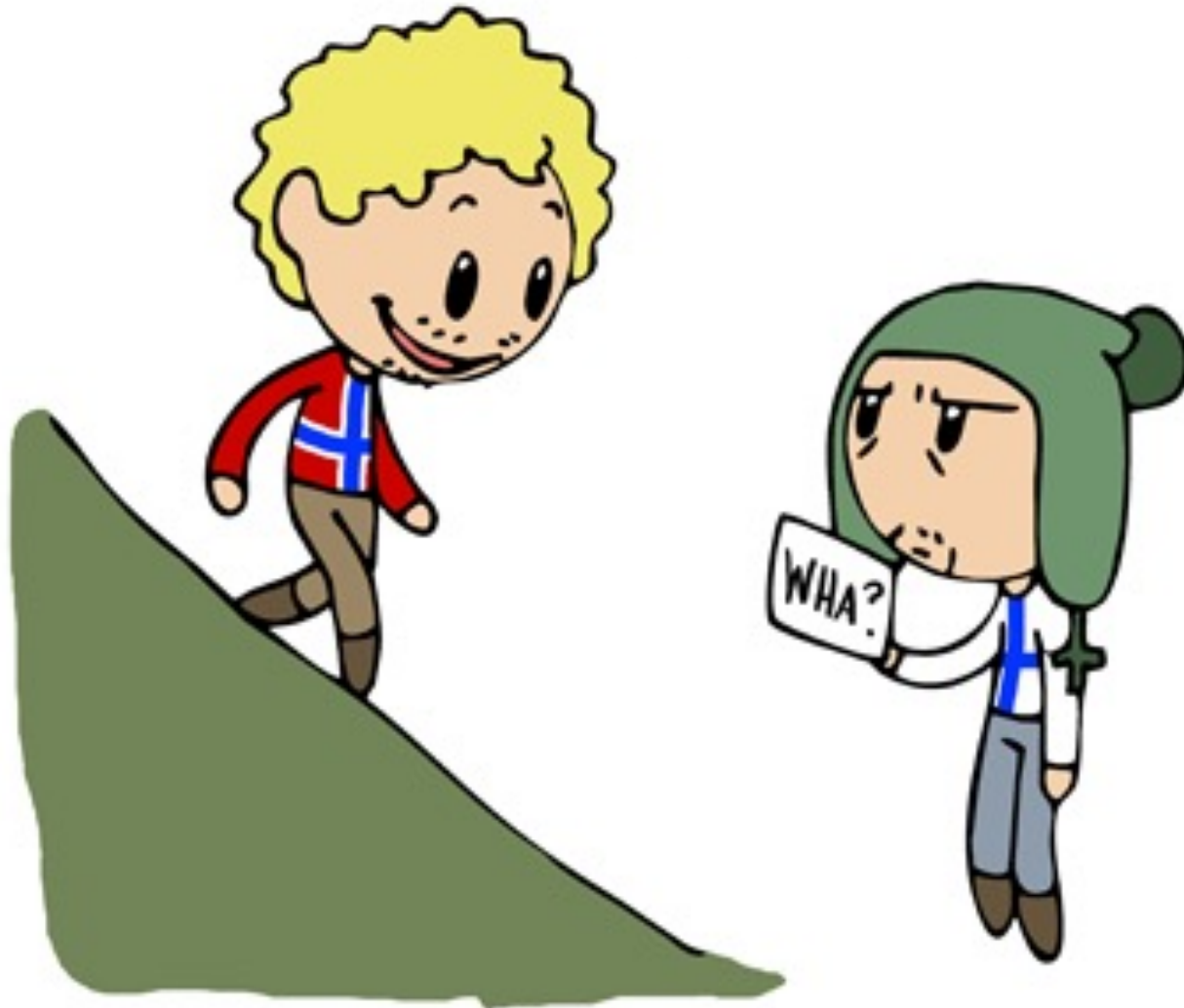


Images:  
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Aleksander Eikeland, NTNU

Then, a random virus  
appeared...



... and put everyone in lockdown



National  
collaboration has  
been a key factor  
during COVID-19 in  
Norway

## Keep calm and carry on



Before March 2020

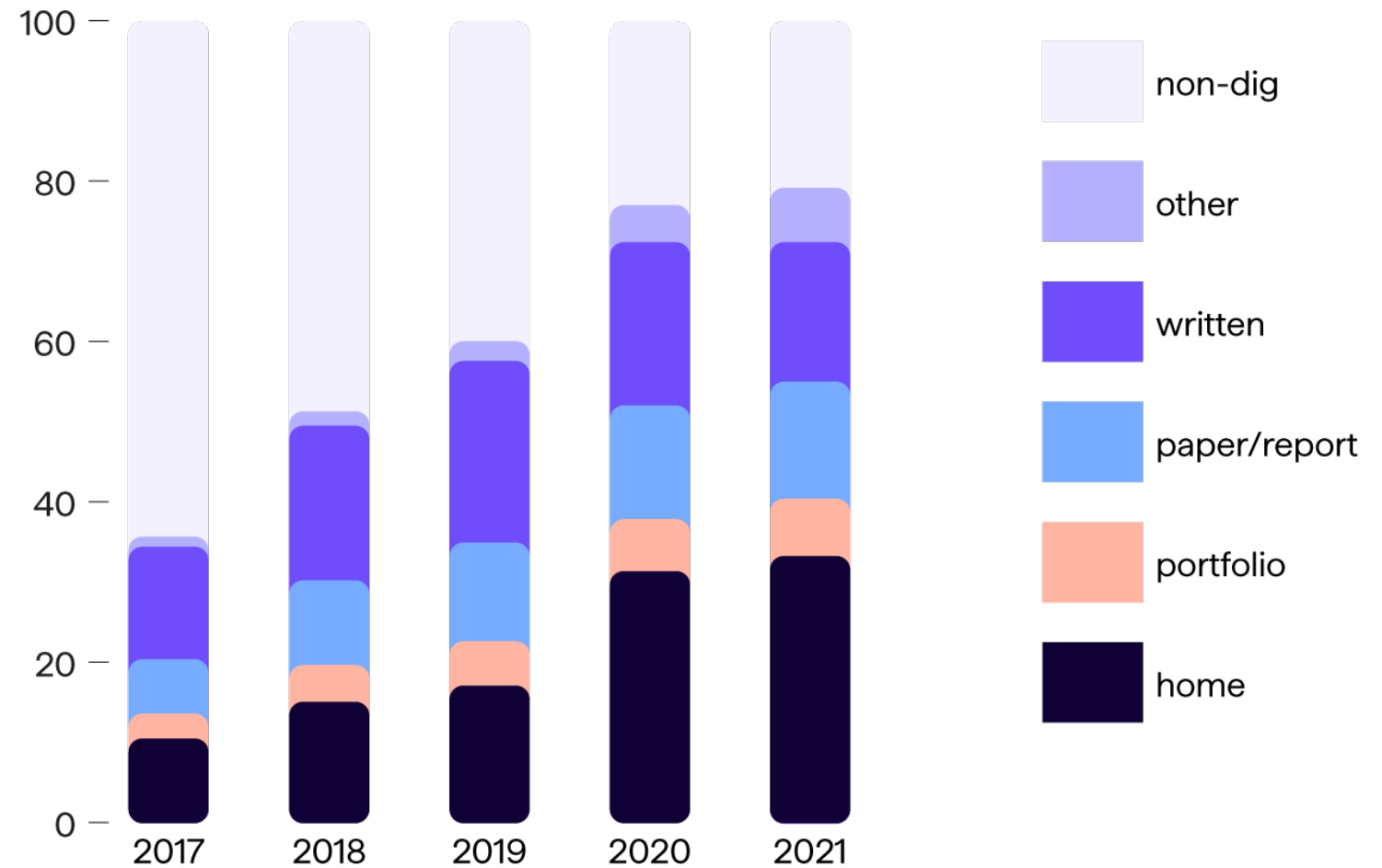
- Closed book exams
- On-campus oral exams

During COVID-19

- Open-book home exams
- Digital oral exams in Zoom or MS Teams
- **No proctoring system?!**

## Rather focus on

- Changing assessment form
- Taxonomy and alignment to learning objectives



## Takeaways and moving forward

Always have a plan B

Plan and document for both alternatives continuously



Minimize risk

change exam task(s) to align with exam form



Moving to formative

Time better spent than handling appeals and plagiarism cases



Less focus on grades

Shifting from A-F to passed/not passed





What questions do you have?

