

Weathering the storms

Norwegian R&E digital transformation strategy

Thursday 23 March 2023

Zeist, Netherlands

Jan Meijer jan.meijer@sikt.no

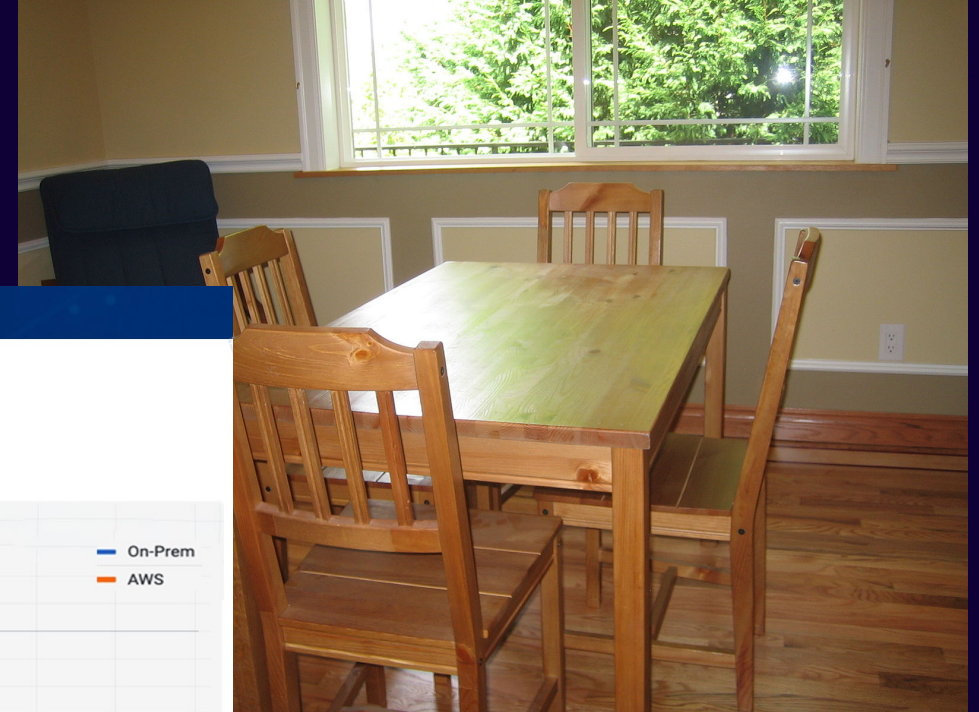
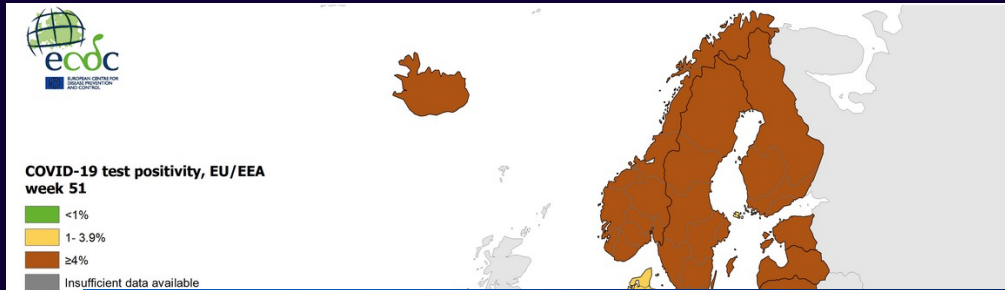
Division for Data & Infrastructure

Sikt– Norwegian Agency for Shared Services in Education and Research

Context: Norway

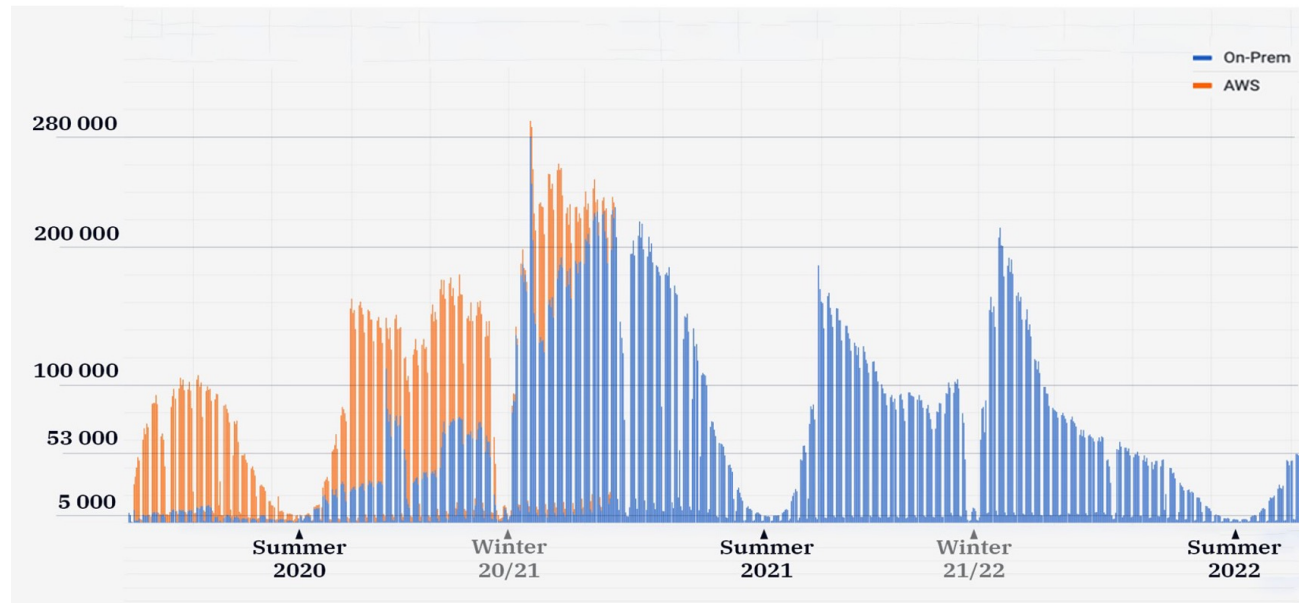


March 2020: shock transformation



ZOOM PEAK CONNECTIONS

01 March 2020 – 12 September 2022



Ongoing transformations

nature

Search  Log in

Explore content ▾ About the journal ▾ Publish with us ▾

[nature](#) > [news explainer](#) > article

NEWS EXPLAINER | 08 April 2021 | Correction [12 April 2021](#)


A guide to Plan S: the open-access initiative shaking up science publishing

The push to remove journal paywalls officially started this year. Here's how it works.

[Holly Else](#)



In 2018, an influential group of research funders announced a bold pledge: the scientists they fund should publish their peer-reviewed papers outside journal paywalls. The initiative, called Plan S, caused an instant uproar over its aim of ending journal subscription models – the means by which many scholarly publications have financed their existence. Its intended start date in 2020 was delayed, and its details were tweaked. But after much sparring over policy, the

 OpenAI


Menu

Introducing ChatGPT

We've trained a model called ChatGPT which interacts in a conversational way. The dialogue format makes it possible for ChatGPT to answer followup questions, admit its mistakes, challenge incorrect premises, and reject inappropriate requests.



Ruby Chen

Try ChatGPT 

[Read about ChatGPT Plus](#)

November 30, 2022

Authors
[OpenAI](#) ↓

[Product, Announcements](#)

ChatGPT is a sibling model to [InstructGPT](#), which is trained to follow an instruction in a prompt and provide a detailed response.

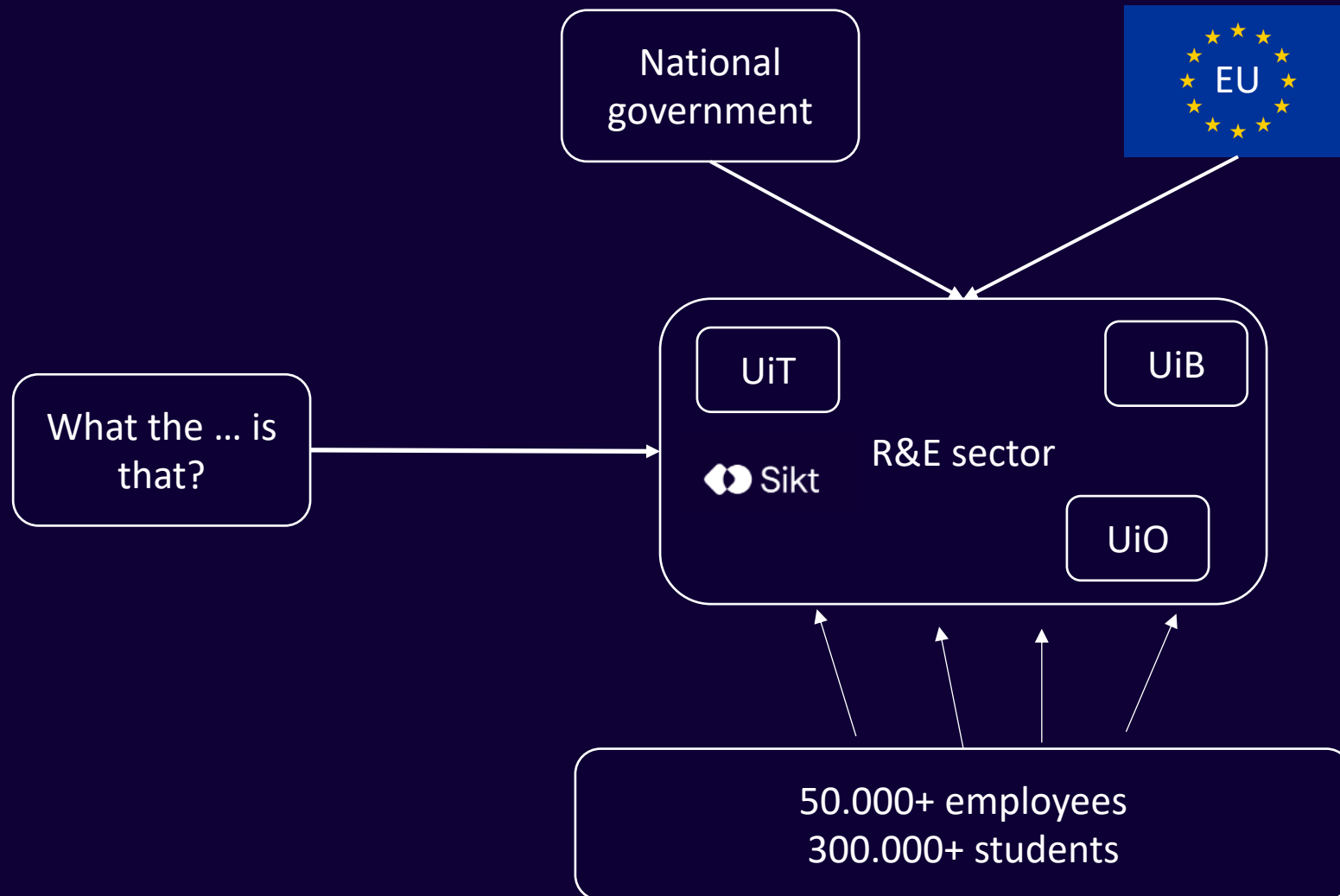
digital transformation - a fact of life

Sometimes predictable

Other times sudden

How to weather the storm?

Why a R&E digital transformation strategy



How to weather the storm?

plan for resiliency
prepared ecosystem

Digital transformation strategy 2021-2025

Collective digital foundation

Joint strategic governance & efforts

Leadership & Culture

Flexible education

Digital innovation in teaching and learning

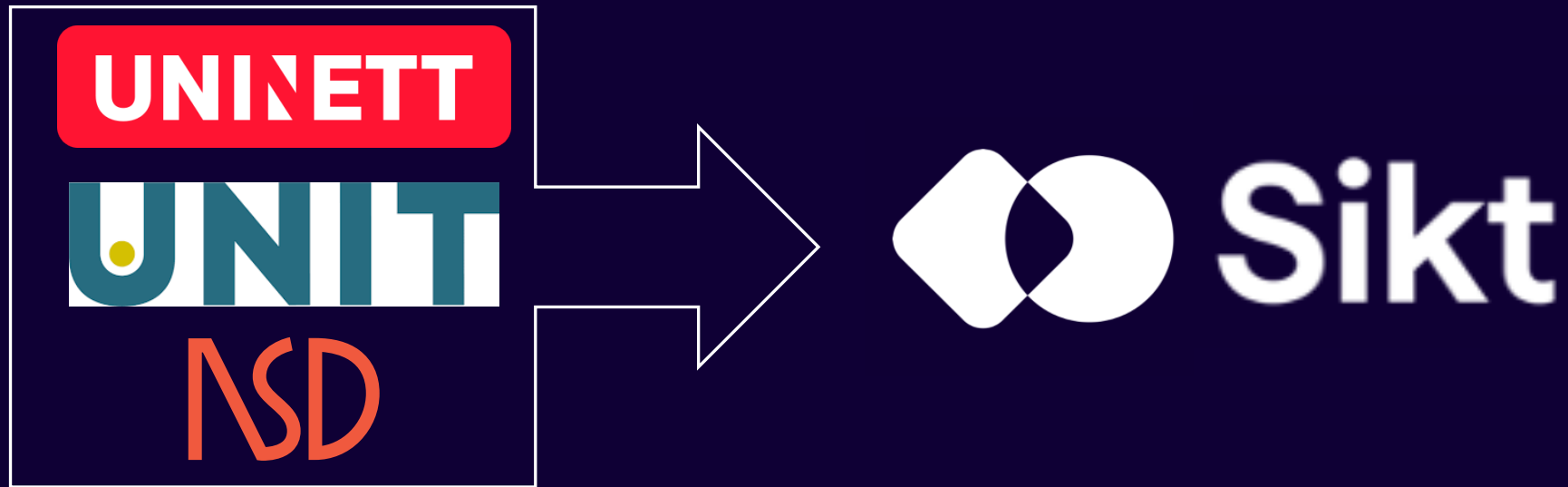
Digital themes, methods and competence in all courses

Open science and new research opportunities

Leverage data about the knowledge sector

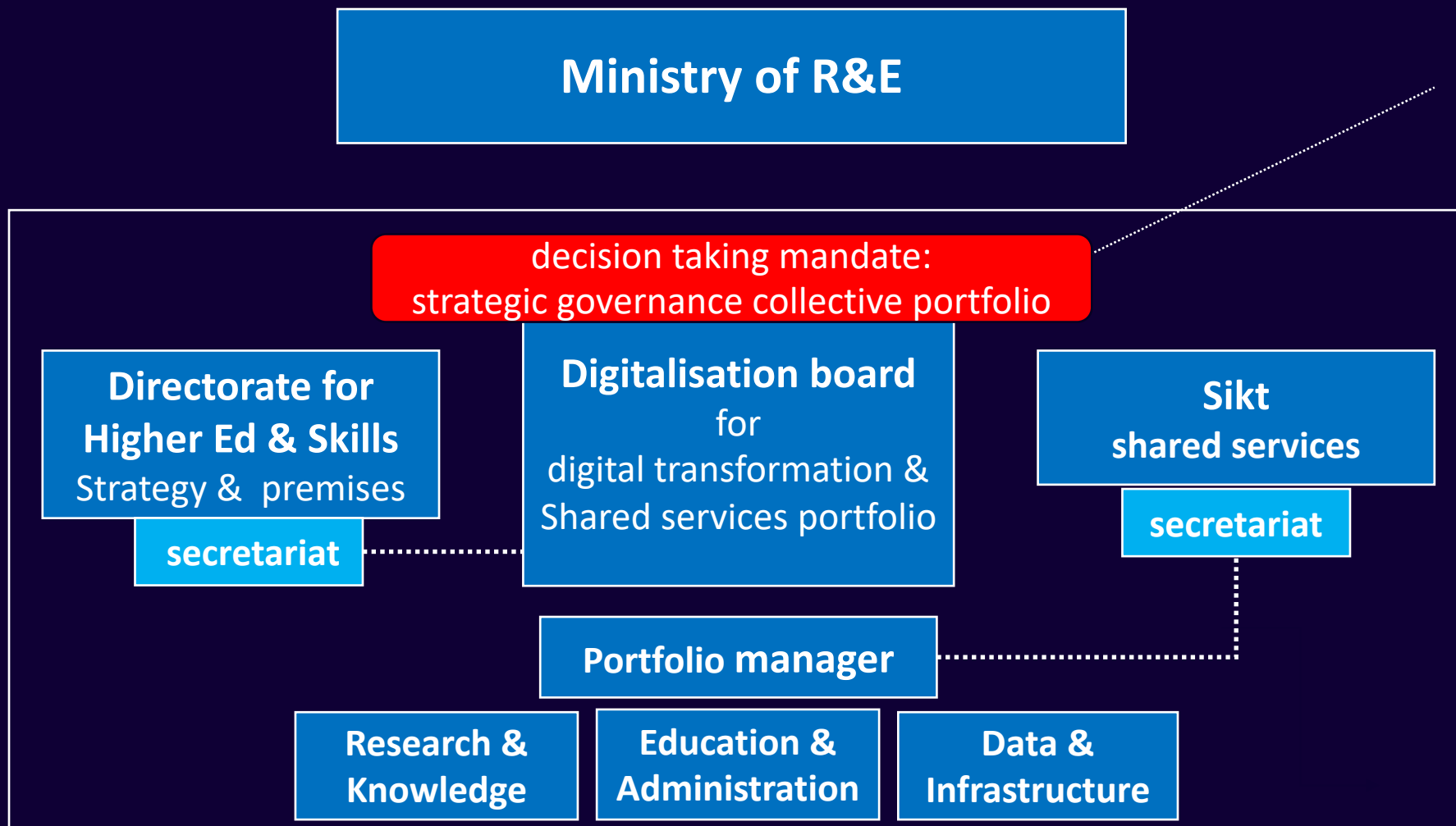
Leadership and culture for digital transformation

Transforming the landscape to deal with transformation



 Norwegian Directorate
for Higher Education
and Skills

Organised for change - together



#	Role at institution
1	chancellor
2	Vice chancellor education
3	Vice chancellor research
4	University (adm.) director
3	Director org & infra
1	Student organisation

Collective efforts – digital foundation



Research & Knowledge



Science archive
Library systems
Data collections social sciences



Learning & Administration



NextGen learning & exams
Case management
Enrollment & administration



Data & Infrastructure



NextGen research network
Cyberdefense
IAM & data federation



Menu

Prepared ecosystem

Introducing ChatGPT

We've trained a model called ChatGPT which interacts in a conversational way. The dialogue format makes it possible for ChatGPT to answer followup questions, admit its mistakes, challenge incorrect premises, and reject inappropriate requests.

Try ChatGPT ↗


[Read about ChatGPT Plus](#)



Ruby Chen




November 30, 2022	Authors OpenAI ↓	Product , Announcements
-------------------	--	---


ChatGPT is a sibling model to [InstructGPT](#), which is trained to follow an instruction in a prompt and provide a detailed response.



digital eksamen chat-gpt


×





Verktøy


Omtrent 81 100 resultater (0,37 sekunder)



vg.no
<https://www.vg.no> › Nyheter › Innenriks › Student

Testet chatbot på universitetseksamen: – A-besvarelse - VG


26. jan. 2023 — TESTET PÅ EKSAMEN: Professor Jan Tore Lønning testet eksamensoppgaver på **ChatGPT**, og ble overrasket av resultatet. Foto: Ingvild Vik.



khrono.no
<https://khrono.no> › chatbot-loste-eksamensoppgave-pa...

Chatbot løste eksamensoppgave på få sekunder. Fikk karakter B


8. des. 2022 — En test viser at chatboten **ChatGPT** kan gi svar som løser oppgaver på høghskolenivå til ståkarakter. Prorektor Pinar Heggernes tror nye måter ...



kode24.no
<https://www.kode24.no> › artikkel › chatgpt-forer-til-st...

ChatGPT fører til stengt internett på norske eksamener - Kode24


13. jan. 2023 — **ChatGPT** fører til stengt internett på norske **eksamener**. - Siden teknologien er ny, har vi foreløpig lite kunnskap om hvordan dette påvirker ...



forskning.no
<https://forskning.no> › data-internett-kunstig-intelligens

15 ting ChatGPT ikke klarer - Forskning.no

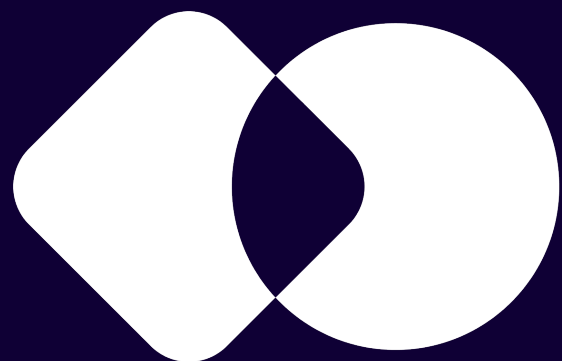
15. feb. 2023 — 15 ting **ChatGPT** ikke klarer. Trenger vi fortsatt forfattere, journalister og skriftlig **eksamen**? Tekstprogrammet som har tatt verden med ...



uio.no
<https://www.hf.uio.no> › arrangementer › ai_akademia

HF:Studio lunsj: Hva er ChatGPT og hvordan endrer AI våre ...

27. feb. 2023 — Dette seminaret utforsker spørsmål knyttet til kunstig intelligens, **ChatGPT** og akademia. Hva er egentlig **ChatGPT**? Hvor smart er den og truer ...



Sikt

Norwegian Agency for
Shared Services in
Education and Research

Sikt = services + data



80 services



700 customers



1,5 millioner active users
every day



400 employees



Trondheim, Bergen, Oslo



€100 million revenue

Sikt – a full-stack service provider

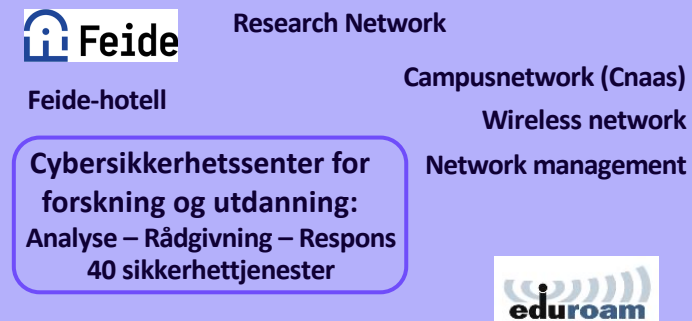
Education & administration



Research & knowledge resources



Data og infrastruktur

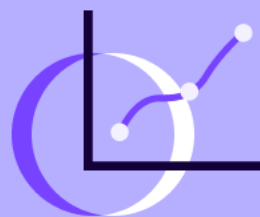




2 Increase the value of data and infrastructure



3 Improve privacy and information security



1 Increase the use of our products



4 Deliver continuous value with agile product teams



5 Together, we will create the best public workplace in Norway

Culture eats strategy for breakfast

Sikt – organised for change

Matrix

Culture hacking

Monday Goal
Friday Celebrate

DesignLab

Sales

Continuous
Delivery

Strategic
arena

48 hours

Fail. Fast

Leveraging the international ecosystem

NORDUnet
Nordic Gateway for Research & Education

GÉANT

eosc

digital transformation is happening all the time

Our strategy:

- Plan for resiliency
- Ecosystem prepared to weather a storm



chance favours the prepared mind