

# MOOCs for Norway

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# MOOCs in Norway

- ICT-supported learning – a long tradition in Norway
- The first Norwegian MOOC offered in 2013 (fall) – by NTNU
- More courses are being developed by several institutions
- Individuals taking MOOCs
- [www.mooc.no](http://www.mooc.no)
  - 1 course autumn 2013
  - 7 courses autumn 2014
  - 16 courses spring 2015



# The Norwegian MOOC Commission

- 11 members representing broad areas of competence
- Mandate
  - Map the development of MOOCs and inquire into possibilities and challenges
  - Provide Norwegian authorities and educational institutions with recommendations
- Sub-report 13 December 2013 (“Time for MOOCs”)
- Norwegian Official Report (NOU) 16 June 2014
- <https://www.facebook.com/moocutvalget>





# Official Norwegian reports (NOU 2014:5)

<https://www.regjeringen.no/en/dokumenter/nou-2014-5/id762916/>

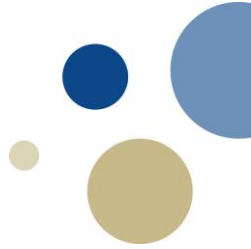


# What are MOOCs?

- Commission's definition:
- offers that are web-based
- offers that are scalable as regards the number of participants
- offers that are open.



- to include courses with varying degrees of transparency
- with and without course fees
- qualification requirements for participation
- use of open learning resources
- both continuing and further education,
- credit-awarding degree programmes lasting several years with the characteristics mentioned above.



# Commission suggestions



- Development will not proceed quickly enough if the institutions solely should facilitate the changes.
- National authorities must facilitate increased digitalisation and support the institutions' work in developing MOOCs.
- The national initiative over a five-year period.
- National initiative amounting to an annual total of NOK 15 – 45 MEUR.

# Priority 1 Tools

- One or more MOOC platforms adapted to Norwegian and Sámi languages
- Central support function
- 40 MNOK (5 MEUR)





# Priority 2 Research

- Systematic emphasis on research-based knowledge development regarding the use of technology in higher education
- *Total amount: NOK 3 MEUR.*
- Establishing a community for research-based knowledge development, related to learning analytics
- *Total amount: NOK 2 MEUR.*



# Priortiy 3 Life long learning



Public funds for a major public initiative relating to expertise development using MOOCs, collaboration between the authorities and the social partners.

The funds can be distributed in various ways, and this must be considered in more detail by the public authorities

- *Total amount: NOK 7 – 50 MEUR.*

# Recommendations current budget

- «Brand building» - portal
- Open digital learning resources
- Admission
- Crediting
  
- Further studies (quality and incentives, infrastructure and rights, recognition, funding)



# Recommendations Universities Quality

- Quality in flexible and web-based education be applied in the development of MOOCs
- Develop employee skills in the use of technology in education
- Development of students' digital skills
- New types of educational assessment and exams
- Universal design



# Recommendations Universities Infrastructure and rights

- Agreements for the students' and employees' rights to their own intellectual property
- Production of open digital learning resources
- Universal design



# Recommendations Universities

## Recognition and cooperation

- more streamlined practice for recognising subjects across Norwegian institutions
- good schemes for assessing the overall qualifications of persons who have completed MOOCs





Gratis



# IKT i læring MOOC

over 1000 deltakere

IKT i læring

Gratis

## Åpent kurs i Informasjonskompetanse

Universitetsbiblioteket & Resultat ved UIT Norges arktiske universitet



iKomp

Gratis



## Matematikk MOOC

- matematikdidaktikk for lærere 1.-7. trinn

Matematikdidaktikk

Gratis



## WHAT WORKS?

Promising Practices in International Development

International Development

Gratis

ARNE KROKAN

# SMART LÆRING

HVORDAN IKT OG SOSIALE MEDIER ENDRE LÆRING



## NTNU

Kunnskap for en bedre verden

Smart læring

Gratis



## Legemiddelregning

Universitetet i Stavanger

Gratis



## Success - Unleash yourself!

UNIVERSITY OF AGDER

Suksess - slipp deg selv løs!

Gratis



## Natural Resources Management

Universitetet i Bergen

Natural Resources Management

Gratis



### Statistikk - grunnkurs



Norges miljø- og biovitenskapelige universitet

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Statistikk grunnkurs

Gratis

Exphil som nettkurs

# FlexPhil

UiO • Universitetet i Oslo

FlexPhil

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Høgskolen i Østfold  
#iktmoooc



### Innføring i informasjons- og kommunikasjonsteknologi

IKT for lærere

Gratis

# SPILL & SPILLIFISERING



### MEKANIKK OG AFFORDANSER

AV OLE GOETHE

Spill og Spillifisering

Gratis

# Animasjon og METODE

KONSEPTER OG PRINSIPPER

AV OLE GOETHE

Animasjon og metode

Gratis



### Diversification Time/Space

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# Multimediejournalistikk



HØGSKOLEN I BERGEN

Multimediejournalistikk

Institutional policy, branding,

**Nobel Laureates in Physiology or Medicine 2014  
May-Britt Moser and Edvard Moser**



*Colleagues: Lets make a MOOC*

# MOOC in a wider context



STUDIEBAROMETER

- National student survey
- Centres of Excellence in Higher Education
- Professional recognition , fellowships, awards, careers
- Education leadership, transparency, cultures
- Coolaboration between institutions
- National tools to promote education

# The shift in education



Teach (talk) less – learn more