

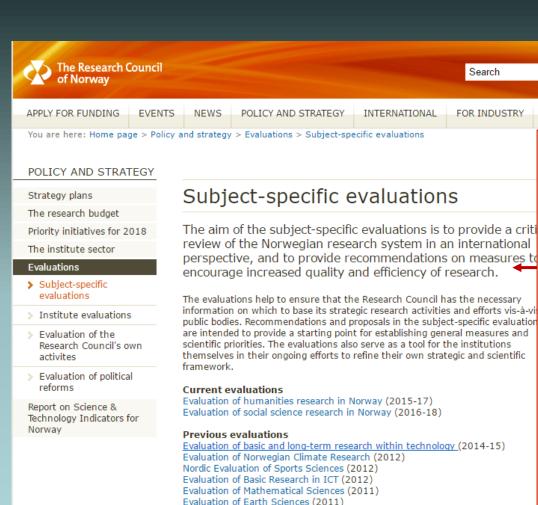
National research assessments in Norway

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Adapted from a presentation with Gunnar Sivertsen at the Nordic Workshop for Bibliometrics 2021

Norway has a formative research evaluation system Organized by the Research Council of Norway



Evaluation of Biology, Clinical Medicine and Health Science (2011)

Evaluation of Philosophy and History of Ideas in Norway (2010) Evaluation of Basic Physics Research in Norway (2010)

Evaluation of Basic Chemistry Research in Norway PDF - 3,3 MB
Evaluation of Norwegian Historical Research (2008), English summary
Evaluation of Norwegian Development Research (2007) PDF - 698 KB

Evaluation of Norwegian Research in Ecological Agriculture (2010) In Norwegian

Evaluation of Research in Anthropology (2011) Evaluation of Norwegian Geography Research (2011) Evaluation of Research in Sociology (2010)

Evaluation of Economic Research in Namuay (2007)

Evaluation of Law (2009) In Norwegian

Performed by international expert panels every 5-10 years to provide:

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THE RESEARCH COUNCIL

- 1. a critical review of Norwegian research in an international perspective
- recommendations for increased quality and efficiency.

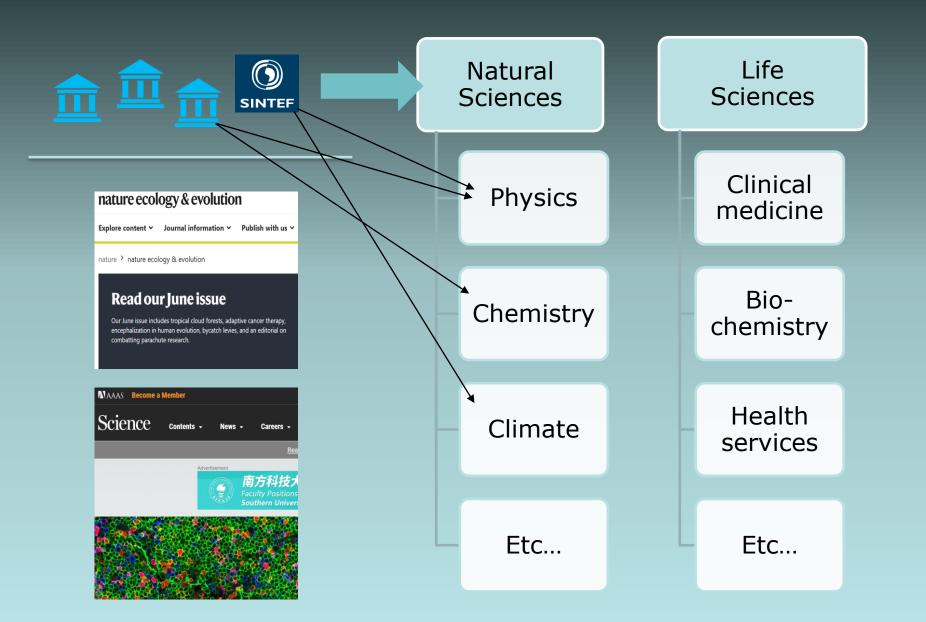
Does **not** influence institutional funding directly.

A new framework (2021)

National framework for evaluation of research and education Developed by the Ministry for research and education

- The Evaluations should
 - support research quality management and strategic leadership at the institutions
 - focus not only on research quality, but also on the aims and local contexts of the research and its relations to education and society
 - be organized with overarching committees addressing organizational questions and subpanels focusing thematically on fields of research

Combination of institutional and disciplinary perspectives



Evaluation criteria and -data

Evaluation units Criteria	Research groups	Administrative units
Strategy, resources and organisation	Self-assessment	Self-assessment
	Administrative data	National registers
		Administrative data
		SWOT-analysis
Research production, quality and	Self-assessment	Self-assessment
integrity	Research contribution to selected	Bibliometrics
	publications (and other research results)	
Diversity and equality		Self-assessment
		National registers
		Administrative data
Relevance to institutional and		Self-assessment
sectorial purposes		Administrative data
Relevance to society		Self-assessment
		National registers
		Impact cases
Overall assessment	Data related to: Benchmark defined by	Data related to: Strategic goals and
	administrative unit	specific tasks of the admin.unit

Responsibilities according the new framework (2021)

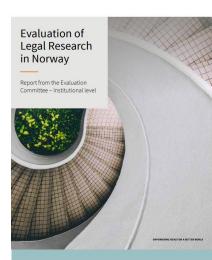
- *The Research Council of Norway has the responsibility for national evaluations of Norwegian research» (p. 44).
- **«The institutions** are responsible for the quality of their research and education» (p. 46).

- The Research Council of Norway follows up recommendations at the national level
 - Action plans at national level
 - Measures to improve quality, relevance and capacity at national level
 - Advice to the government
- The institutions follow up recommendations regarding their own organisational units
 - Strategic development
 - Allocation of internal funds

Example: Legal research in Norway (2019)

- Norwegian legal research has good to high quality
- The resource situation for Norwegian legal research is satisfactory, but there are large differences between the institutions
- The evaluated institutions can to a greater extent apply for external funding
- There is a potential to work more interdisciplinary and to collaborate more nationally.
- Norwegian legal research should be made more available to an international audience
- The **dissemination** of legal research to professionals and the community at large is characterized by high quality





A legal version of Pasteurs quadrant

	Research that only potentially has social relevance	Research that is immediately of high societal relevance
Original research	Basic legal research. Major contribution with original new knowledge. Often has social relevance only indirectly and in the long term.	Research which both contains original innovative knowledge and which at the same time has immediate social relevance.
Germ theory (w/ R. Koch) Immunology Vaccination Pasterization		Applied legal research. Great societal relevance. Not groundbreaking new knowledge.

Copenhagen interpretation Complementarity Bohr model Sommerfeld-Bohr theory BKS theory

Niels Bohr

General relativity Special relativity Photoelectric effect Brownian motion Mass-energy equivalence Einstein field equations

Unified Field Theory

Bose-Einstein statistics Albert Einstein



Louis Pasteur



PRACTICAL APPLICATIONS Universal stock ticker

Automatic telegraph system Paraffin paper Carbon rheostat Carbon telephone transmitter Phonograph Incandescent light

Thomas Edison

Magnetic ore separator Motion picture camera Fluoroscope Fluorescent electric lamp Nickel-iron-alkaline battery **Adapted from: Henrik Palmer Olsen Copenhagen University ENRESSH webinar 20 February 2023**