

Norsk veikart for forskningsinfrastruktur 2023

INNHold

PUBLISERT 22. JUN. 2023 | OPPDATERT 3. JUL. 2023

Del 3: Beskrivelse av forskningsinfrastrukturer under etablering eller i drift

Forskningsinfrastrukturer i Europa

Norske forskere har gjennom mange tiår deltatt aktivt i internasjonale forskningsorganisasjoner. Samarbeidet i disse organisasjonene bygger på internasjonale avtaleverk der kontingentene for det enkelte medlemsland blir bestemt ut fra en avtalefestet beregningsnøkkel der bruttonasjonalproduktet eller tilsvarende er en hovedfaktor. Tabell 1 viser hvilke norske medlemskap i internasjonale forskningsorganisasjoner som finansieres fra departementene.

Tabell 1 Norsk deltakelse i internasjonale forskningsorganisasjoner finansiert av departementene

Kortnavn på Infrastruktur	Prosjekt	Status
CERN	https://www.home.cern/	Medlem fra 1954
EMBL/EMBC	European Molecular Biology Laboratory The European Molecular Biology Conference	Medlem fra 1985
ESA	European Space Agency	Medlem fra 1987
ESRF	European Synchrotron Radiation Facility	Medlem fra 1989
IARC	International Agency for Research on Cancer	Medlem fra 1987
OECD Halden	Haldenprosjektet	Etablert 1958

Tabell 2 Norske medlemskap i felles-europeiske forskningsinfrastrukturer.

Kortnavn (Juridisk enhet)	Navn	Status	Departement
Teknologi og naturvitenskap			
EISCAT 3D	European Next Generation Incoherent Scatter radar European Incoherent Scatter Scientific Association	SE er vertsland. Medlem i EISCAT fra 1975.	KD
ESS ERIC	European Spallation Source	SE og DK er vertsland	KD
ESRF – EBS	European Synchrotron Radiation Facility – Extremely Brilliant Source	FR er vertsland	KD
ECCSEL ERIC	European Carbon Dioxide Capture and Storage Laboratory Infrastructure	NO er vertsland	OED
Euro Argo ERIC	European contribution to the Argo program	FR er vertsland	NED
EMSO ERIC	The European Multidisciplinary Seafloor and water column Observatory	IT er vertsland	KLD
ICOS ERIC	Integrated Carbon Observation System	FI er vertsland	KLD
EPOS ERIC	European Plate Observing System	IT er vertsland	KD
SIOS Svalbard AS	Svalbard Integrated Arctic Earth Observing System	NO er vertsland	KD
ACTRIS ERIC	The Aerosol, Clouds and Trace Gases Research Infrastructure	FI er vertsland	KLD
Livsvitenskap og helse			
ELIXIR (EMBL)	European infrastructure for biological information, supporting life science research and its translation to medicine, agriculture, bioindustries and society	UK er vertsland	KD
BBMRI ERIC	Biobanking and Biomolecular Resources Research Infrastructure	AT er vertsland	HOD
EATRIS ERIC	European Advanced Translational Research Infrastructure in Medicine	NL er vertsland	HOD
EU-OPENSREEN ERIC	European Infrastructure of Open Screening Platforms for Chemical Biology	DE er vertsland	KD

ECRIN ERIC	European Clinical Research Infrastructures Network	FR er vertsland	HOD
Euro-Biomed ERIC	Research Infrastructure for Imaging Technologies in Biological and Biomedical Sciences	FI er vertsland	KD
EMBRIC ERIC	European Marine Biological Resource Centre	FR er vertsland	NFD
Humaniora og samfunnsvitenskap			
CLARIN ERIC	Common Language Resources and Technology Infrastructure	NL er vertsland	KD
ESSurvey ERIC	European Social Survey	UK er vertsland	KD
CESSDA ERIC	Council of European Social Science Data Archives	NO er vertsland	KD

Nasjonale forskningsinfrastrukturer per underområde

Tabell 3 - Informasjons- og kommunikasjonsteknologi

Navn/kortnavn på infrastruktur	Omtale av et tildelte prosjekt i prosjektbanken	Oppstart et tildelte prosjekt	Status	Nettsted
eX3	Experimental Infrastructure for Exploration of Exascale Computing	2017	Under finansiering	https://www.ex3.simula.no/
NAIC	Norwegian Artificial Intelligence Cloud	2022	Under finansiering	
NorNet	Norwegian Infrastructure for Network Experimentation	2011	Ferdig finansiert	https://www.ntnb.no/
ReRaNP	Rekonfigurerbar Radionettverks Platform	2015	Under finansiering	Reconfigurable Radio Network Platform (ReRaNP) - WISENET (uia.no)
Sigma2	E-INFRA 2020 - A National e-infrastructure for Science	2023	Under finansiering	https://www.sigma2.no/

Tabell 4 - Material-, prosesssteknologi og grunnleggende naturvitenskap

Navn/kortnavn på infrastruktur	Omtale av et tildelte prosjekt i prosjektbanken	Oppstart et tildelte prosjekt	Status	Nettsted
Den europeiske organisasjonen for kjernefysisk forskning (CERN)	Enabling LHC Physics at Extreme Collision Rates II	2023	ESFRI Landmark	https://home.cern/
European Incoherent SCATter (EISCAT)	EISCAT_3D Norway 2014	2015	ESFRI Landmark	https://eiscat.se/
European Spallation Source ERIC (ESS)	ESS ERIC (European Spallation Source)	2015	ESFRI Landmark	https://europeanspallationsource.se/
HUNT-Nøytronbestrålingslaboratorium	Competence Hub for Neutron Technology	2022	Under finansiering	
Infrastructure for space physics related research on Svalbard	Infrastructure for space physics related research on Svalbard	2010	Ferdig finansiert	
MANULAB	ManuLab – Norwegian Manufacturing Research Laboratory	2017	Under finansiering	https://manulab.org/
MIMac	Norwegian Laboratory for Mineral and Materials Characterisation	2017	Under finansiering	https://www.ntnu.edu/mimac/project-infrastructure
National Surface and Interface Characterisation Laboratory	National Surface and Interface Characterisation Laboratory	2015	Ferdig finansiert	NICE (nicesurface.no)
NcNeutron	NcNeutron – Norwegian Center for Neutron Research	2016	Under finansiering	https://ife.no/en/project/ncneutron-norwegian-center-for-neutron-research/
NorFab	Norwegian Micro- and Nanofabrication Facility III B	2022	Under finansiering	https://www.norfab.no/
NORTEM	The Norwegian Centre for Transmission Electron Microscopy II	2022	Under finansiering	https://nortem.no/
OSCAR	New Generation Scintillator Detectors for Nuclear Research in Norway	2015	Under finansiering	https://www.mn.uio.no/fysikk/english/research/about/infrastructure/od/
RECX	Norwegian Centre for X-ray Diffraction, Scattering and Imaging Resource Centre X-rays	2011	Ferdig finansiert	http://www.recx.no/
TEMP	Transition to Sustainable Resource Efficiency in Metal Production and Recycling	2022	Under finansiering	TEMP - Transition to Sustainable Resource Efficiency in Metal Production and Recycling (sintef.no)

Tabell 5 - Energi og fremtidens energisystemer

Navn/kortnavn på infrastruktur	Omtale av et tildelte prosjekt i prosjektbanken	Oppstart et tildelte prosjekt	Status	Nettsted
BIGCCS Laboratory	BIGCCS Laboratory	2010	Ferdig finansiert	BIGCCS (sintef.no)
ECCSEL Norway	ECCSEL Norway CCS RI – Phase 2 – The Norwegian Node of	2016	ESFRI Landmark	https://www.eccsel.org/

	ECCSEL			
ELPOWERLAB	Future distribution and transmission electrical grid components lab	2018	Under finansiering	https://www.sintef.no/projectweb/elpowerlab/
HighEFFLab	National Laboratories for an Energy Efficient Industry	2017	Under finansiering	https://www.sintef.no/projectweb/highefflab/
HydroCen Labs	Norwegian Research Centre for Hydropower Technology Laboratories	2019	Under finansiering	https://www.ntnu.edu/hydrocen/hydrocen-laboratories
NABLA	Norwegian Advanced Battery Laboratory	2021	Under finansiering	Norwegian Advanced Battery Laboratory Infrastructure (NABLA Universitetet i Agder (uia.no)
NorPALabs	Norwegian P&A Laboratories	2019	Under finansiering	https://norpalabs.no/
Norwegian Fuel Cell and Hydrogen Centre	Norwegian Fuel Cell and Hydrogen Centre	2016	Under finansiering	Norwegian Fuel Cell and Hydrogen Centre (sintef.no)
Norwegian Infrastructure for Multiphase Flows	Norwegian Infrastructure for Multiphase Flows	2022	Under finansiering	INFRASTRUCTURE: Tiller Multiphase Flow Laboratory - SINTEF
NSST	Norwegian laboratory for silicon-based solar cell technology	2015	Under finansiering	https://www.sintef.no/projectweb/solarlab/
OBLO-NOWERI	Norwegian Offshore Wind Energy Research Infrastructure – Offshore Boundary Layer Observatory (OBLO)	2013	Ferdig finansiert	https://oblo.w.uib.no/
OpenLab Drilling	OpenLab Drilling	2015	Under finansiering	https://openlab.app/
Research Infrastructure for environmental design of renewable energy research in Cedren	Research infrastructure for environmental design of renewable energy research in Cedren	2014	Ferdig finansiert	CEDREN - About CEDREN
SAFFT	SAFFT - Shearing, fracturing and flow in geomaterials related to petroleum reservoirs, CO2 storage and geothermal energy production	2014	Ferdig finansiert	
SBHUB	Smart Building Hub – Norwegian e-Infrastructure for energy-flexible and healthy buildings	2022	Under finansiering	Smart Building Hub - SINTEF
SmartGrid	National Smart Grid Laboratory & Demonstration Platform	2014	Under finansiering	https://www.ntnu.edu/smartgrid
SMART-H	Infrastructure for materials research for transporting hydrogen	2020	Ferdig finansiert	
ULLRIGG	Laboratory upgrade of Ullrigg Drilling and Well Centre	2012	Ferdig finansiert	https://ullrigg.norceresearch.no/
ZEB Lab	Norwegian Zero Emission Building Laboratory	2015	Under finansiering	https://zeblab.no/

Tabell 6 - Geovitenskap, hav, klima og miljø

Navn/kortnavn på infrastruktur	Omtale av et tildelte prosjekt i prosjektbanken	Oppstart et tildelte prosjekt	Status	Nettsted
ACTRIS Norway	Aerosol, Clouds, and Trace gases Research InfraStructure in Norway	2022	ESFRI Landmark	https://www.actris.eu/
Advanced mobile broad-band seismic stations	Advanced mobile broad-band seismic stations	2011	Ferdig finansiert	
Arctic ABC	Arctic ABC Development	2016	Under finansiering	https://www.mare-incognitum.no/arctic-abc/
AVIT	AVIT - updgading and development of the NTNU membrane laboratory for environmental applications	2009	Ferdig finansiert	
COAT	Climate-Ecological Observatory for Arctic Tundra	2016	Under finansiering	https://www.coat.no/
Digital Ocean Space - Møre Ocean Lab	The Digital Ocean Space - Møre Ocean Lab	2022	Under finansiering	
EARTHLAB	Earth Surface sediment Laboratory	2014	Ferdig finansiert	EARTHLAB University of Bergen (uib.no)
EMBRC Norway	EMBRC Norway – The Norwegian Node of the European Marine Biological Resource Centre	2019	ESFRI Landmark	https://www.embrc.eu/
EPOS Norway	European Plate Observing System - Norway	2016	ESFRI Landmark	
FARLAB	Facility for advanced isotopic research and monitoring of weather, climate, and biogeochemical cycling	2015	Ferdig finansiert	https://www.uib.no/en/FARLABhttps://www.uib.no/en/FARLAB
Goldschmidt laboratoriet	THE GOLDSCHMIDT LABORATORY Infrastructure for geochronological characterization of solid earth materials	2021	Under finansiering	https://www.mn.uio.no/geo/english/research/goldschmidt/
G3	Geosystem 3-D Seismic Imaging (G3)	2010	Ferdig finansiert	
ICOS Norway	Norway Integrated Carbon Observation System	2021	ESFRI Landmark	https://www.icos-cp.eu/
INES (NorESM)	Infrastructure for Norwegian Earth System modelling	2018	Under finansiering	https://nordicesm.bitbucket.io/
LoVe	Lofoten-Vesterålen cabled observatory	2015	Under finansiering	https://loveocean.no/
MARINTEK	The Marine Technology Laboratories- Required Upgrading and Developments	2016	Under finansiering	https://www.sintef.no/en/ocean
Motion Laboratory	Bevegelseslaboratorium	2015	Ferdig finansiert	motion-lab – Norwegian Motion Laboratory
NGTS	Norwegian geotest sites	2016	Under finansiering	http://www.geotestsite.no/
NMDC	Norwegian Marine Data Centre	2012	Ferdig finansiert	https://nmdc.no/om-prosjektet/norwegian-marine-data-centre-

				nmdc-
NorArgo	A Norwegian Argo Infrastructure - a contribution to the European and global Argo infrastructure	2018	ESFRI Landmark	https://norargo.hi.no/
NorBol	Norwegian Barcode of Life Network	2014	Ferdig finansiert	https://www.norbol.org/
NorDataNet	Norwegian Scientific Data Network	2015	Under finansiering	https://www.nordatanet.no/
NorEMSO	The Norwegian node for the European Multidisciplinary Seafloor and water column Observatory	2020	ESFRI Landmark	https://emso.eu/
NORMAP	Norwegian Satellite Earth Observation Database for Marine and Polar Research	2010	Ferdig finansiert	
NORMAR	Norwegian Marine Robotics Facility - Remotely Operated Vehicle for Deep Marine Research	2014	Ferdig finansiert	https://www.uib.no/geo/128110/%C3%A6qir6000-rov
Norwegian Atlantic Current Observatory	Norwegian Atlantic Current Observatory	2010	Ferdig finansiert	The Norwegian Atlantic Current Observatory Physical Oceanography UiB
NorSOOP	Norwegian Ships Of Opportunity Program for marine and atmospheric research	2018	Under finansiering	https://www.norsoop.com/
OceanLab	Ocean Space Field Laboratory Trondheimsfjorden	2019	Under finansiering	https://oceanlabobservatory.no/
Real time climate observations at the position of weather ship Mike	Real time climate observations at the position of weather ship Mike	2010	Ferdig finansiert	
Research Infrastructure for High-Precision Palaeoecological Analyses	Research Infrastructure for High-Precision Palaeoecological Analyses	2010	Ferdig finansiert	Palaeoecological Lab AVIT Ecological and Environmental Change Research Group UiB
SeaBee	Norwegian Infrastructure for drone-based research, mapping and monitoring in the coastal zone	2020	Under finansiering	https://seabee.no/
SIOS KC	Svalbard Integrated Arctic Earth Observing System -Knowledge Centre, operational phase 2022	2022	Under finansiering	https://www.sios-svalbard.org/
The Oslo Geomagnetic Laboratory	The Oslo Geomagnetic Laboratory	2014	Ferdig finansiert	
TONe	Troll Observing Network	2022	Under finansiering	Troll observasjonsnettverk (TONe) – Norsk Polarinstitutt npolar.no

Tabell 7 - Bioressurser

Navn på infrastruktur	Omtale av eiet tildeelte prosjekt prosjektbanken	Oppstart eiet tildeelte prosjekt	Status	Nettsted
Aquafeed Technology Centre	Aquafeed Technology Centre	2016	Ferdig finansiert	https://aquafeed.science
The NORwegian CELLulose laboratory	The NORwegian CELLulose laboratory	2022	Under finansiering	
Norwegian BioCentre (NBioC)	Norwegian Bioprocessing & Fermentation Centre-NBioC	2018	Under finansiering	Home - NBioC
Norwegian Biorefinery Laboratory (NorBioLab)	Norwegian Biorefinery Laboratory	2017	Under finansiering	norbiolab.no Norwegian Biorefinery Laboratory
FoodPilotPlant	FoodPilotPlant Norway: Upgrading of the Pilot Plant	2020	Under finansiering	Food Pilot Plant NMBU
PLANKTONLAB	Norwegian Center for Plankton Technology	2016	Under finansiering	Norwegian Centre for Plankton Technology - SINTEF
SEAWEED	Norwegian Test Center for Seaweed Cultivation and Utilization Technologies	2022	Under finansiering	Norwegian Seaweed Technology Center - SINTEF

Tabell 8 - Bioteknologi

Navn på infrastruktur	Omtale av eiet tildeelte prosjekt prosjektbanken	Oppstart eiet tildeelte prosjekt	Status	Nettsted
ELIXIR Norway	ELIXIR3 - Strengthening the Norwegian Node of ELIXIR	2022	ESFRI Landmark	ELIXIR Norway - Elixir NorwayELIXIR Norway - Elixir Norway ELIXIR A distributed infrastructure for life-science information (elixir-europe.org)ELIXIR A distributed infrastructure for life-science information (elixir-europe.org)
LIPIDPLATFORM	Marine biochemical engineering- LIPIDPLATFORM	2009	Ferdig finansiert	
National Consortium for Sequencing and Personalized Medicine (NorSeq)	National consortium for sequencing and personalized medicine	2017	Under finansiering	Norseq4
Network of Advanced Proteomics Infrastructure (NAPI)	National network of Advanced Proteomics	2020	Under finansiering	Home - NAPI (uio.no)
Norwegian Advanced Light Microscopy Imaging Network (NALMIN)	Norwegian Advanced Light Microscopy Imaging Network Phase II (NALMIN-II)	2022	ESFRI Landmark	Norwegian Advanced Light Microscopy Imaging Network (NALMIN) – NALMIN
NOR-OPENSREEN - the Norwegian	NOR-OPENSREEN - the Norwegian EU-OPENSREEN node	2016	ESFRI Landmark	Home - Openscreen (uio.no)

EU-OPENSREEN node				
Norwegian Macromolecular Crystallography Consortium (NORCRYST)	Norwegian Macromolecular Crystallography Consortium	2016	Under finansiering	NORCRYST (uit.no)
The Norwegian NMR Platform (NNP)	The Norwegian NMR (Nuclear Magnetic Resonance) Platform 2	2020	Under finansiering	NMR (Nuclear Magnetic Resonance) Laboratory - Faculty of Natural Sciences - NTNU
NSC	The Norwegian Sequencing Centre - Phase II	2021	Ferdig finansiert	NSC - Sequencing (uio.no)

Tabell 9 - Helse og medisin

Navn på infrastruktur	Omtale av øst tildeelte prosjekt i prosjektbanken	Oppstart øst tildeelte prosjekt	Status	Nettsted
Biobank Norway – National node in BBMRI	Biobank Norway 4 - a national biobank research infrastructure	2022	ESFRI Landmark	Front page Biobank Norway (bbmri.no) Front page Biobank Norway (bbmri.no) Home - BBMRI-ERIC: Making New Treatments Possible Home - BBMRI-ERIC: Making New Treatments Possible
Health Registries for Research	Health Registries for Research	2014	Ferdig finansiert	https://hrr.wuib.no/
Nasjonal helseanalyseplattform for forskning	National Health Analysis Platform	2018	Ferdig finansiert	Helseanalyseplattformen - ehelse
NORBRAIN – Norwegian brain Initiative: a large-scale infrastructure for 21st century neuroscience	Norwegian Brain Initiative (NORBRAIN) Stage 2	2015	Under finansiering	Frontpage - Norbrain
NorCRIN – Norwegian Clinical Research Infrastructure Network	Continuation and strengthening of the Norwegian Clinical Research Infrastructure Network (NorCRIN) - "NorCRIN 2"	2020	ESFRI Landmark	Frontpage - www.norcrin.no
NorMIT – Norwegian centre for minimally invasive image guided therapy and medical technologies	Norwegian centre for Minimally Invasive Image guided Therapy and medical technologies	2014	Under finansiering	NorMIT
NORMOLIM – Norwegian Molecular Imaging Infrastructure – National node in Euro-BioImaging	Norwegian Molecular Imaging Infrastructure	2018	ESFRI Landmark	Euro Bioimaging
PCRN – The Norwegian Primary Care Research Network	The Norwegian Primary Care Research Network	2018	Under finansiering	The Norwegian Primary Care Research Network Department of Global Public Health and Primary Care UiB

Tabell 10 - Humaniora

Navn/kortnavn på infrastruktur	Omtale av øst tildeelte prosjekt i prosjektbanken	Oppstart øst tildeelte prosjekt	Status	Nettsted
ADED	Archaeological Digital Excavation Documentation	2018	Under finansiering	https://www.khm.uio.no/forskning/prosjekter/aded/
CLARINO	Common Language Resources Infrastructure Norway Upgrade	2020	ESFRI Landmark	https://clarin.wuib.no/
Digital corpus and dictionary of Norwegian Medieval Latin	Digital corpus and dictionary of Norwegian Medieval Latin	2022	Ferdig finansiert	Digital corpus and dictionary of Norwegian Medieval Latin Nasjonalbiblioteket (nb.no)
fourMs	fourMs Lab Upgrade	2022	Under finansiering	https://www.uio.no/ritmo/english/research/labs/fourms/
INESS	Infrastructure for the Exploration of Syntax and Semantics	2010	Ferdig finansiert	https://clarino.uib.no/iness/page
LIA	Language Infrastructure made Accessible	2014	Under finansiering	http://www.tekstlab.uio.no/LIA/
MENOTEC	Medieval Norwegian Text Corpus	2010	Ferdig finansiert	https://www.menota.org/forside.xhtml
SAMLA	SAMLA: National Infrastructure for Cultural History and Tradition Archives	2020	Under finansiering	https://samla.wuib.no/

Tabell 11 - Samfunnsvitenskap

Navn/kortnavn på infrastruktur	Omtale av øst tildeelte prosjekt i prosjektbanken	Oppstart øst tildeelte prosjekt	Status	Nettsted
ACCESS	ACCESS Life Course Database: Upgrade and Expansion	2017	Under finansiering	https://norlag.nsd.no/
ACDC	ACDC – Advanced Conflict Data Catalogue	2010	Ferdig finansiert	
CESSDA	CESSDA – Council of European Social Science Data Archives	2013	ESFRI Landmark	https://www.cessda.eu/
eVIR	einfrastructure for Video Research	2016	Ferdig finansiert	https://www.uv.uio.no/its/english/research/projects/evir/index.html

HISTREG	Historical Registers	2022	Under finansiering	https://histreg.no/
Microdata.no	National Microdata Platform for Norwegian and International Research and Analysis	2020	Under finansiering	https://www.microdata.no/
NORDI	Norwegian Open Research Data Infrastructure	2016	Under finansiering	https://sikt.no/
PSI	Peace Science Infrastructure	2023	Under finansiering	

[← Forrige side](#)

[Neste side -](#)

Meldinger ved utskriftstidspunkt 2. mai 2025, kl. 09.14 CEST

Det ble ikke vist noen globale meldinger eller andre viktige meldinger da dette dokumentet ble skrevet ut.