



International academic collaboration at NMBU (October 2019)

Student exchange agreements are listed on these webpages:

<https://www.nmbu.no/en/students/exchange/where/europe> and <https://www.nmbu.no/en/students/exchange/where/world>

Continent	Country	University/institution	Type of agreement/Funding source	Duration	NMBU Faculty/Department, contact person
AFRICA	Ethiopia	Hawassa University	Institutional collaboration, Phase IV/Royal Norwegian Embassy, Addis Ababa	2015 - 2020	NMBU Research Department (Joanna Boddens-Hosang) and LANDSAM/Noragric (Lars Olav Eik)
		Wondo Genet College of Forestry and Natural Resources, Hawassa University	Institutional collaboration/Royal Norwegian Embassy, Addis Ababa	2015 - 2020	MINA*, M. Samuel Adaramola
		Hawassa University (other partners in project: University of Kordofan, Sudan)	NORHED project, research/education. Norad funding.	2013 – 2020	LANDSAM/Noragric*, Jens B. Aune
		Hawassa University (other partners in project: University of Juba, South Sudan; Mekelle University, Ethiopia; IITA; CIP; EIAR; NIBIO)	NORHED project, research/education. Norad funding.	2013 - 2020	BIOVIT/IPV*, Trine Hvoslef-Eide
		Hawassa University	EnPe programme, research/education Norad funded	2017 - 2020	BIOVIT/IPV*, Trine Hvoslef-Eide
		Hawassa University	Norad-funded project “Aflatoxin content in Feed and Food”	2017 - 2019	KBM*, Gerd Vegarud
		Mekelle University	Institutional collaboration, Phase IV/Royal Norwegian Embassy, Addis Ababa	2015 - 2020	NMBU Research Dept. (Joanna Boddens-Hosang) and LANDSAM/Noragric (Lars Olav Eik)

		Mekelle University (other partner in project: LUANAR, Malawi)	NORHED project (“CLISNARP”), research/education. Norad funding.	2013 – 2020	School of Economics and Business (HH), Stein Holden
		Mekelle University (main partner)	NORHED project, research/education. Norad funding	2013 - 2020	MINA*, Tron Eid
		Jimma University Teaching Hospital	Research and teaching/Research Council of Norway and Bill and Melinda Gates Foundation (project leader: University in Bergen)/	2016 - 2019	VET/MatInf*, Lucy Robertson
	Ethiopia, Malawi, Kenya, Rwanda, Tanzania, and others	Several	EU Horizon 2020 research project “Innovations in Technology, Institutional and Extension Approaches towards Sustainable Agriculture and enhanced Food and Nutrition Security in Africa” (InnovAfrica).	2017 – 2020	LANDSAM/Noragric*, Ruth Haug. Coordinator: NIBIO.
	Ghana	Kwame Nkrumah University of Science and Technology (KNUST) Kumasi, Ghana	Norad EnPE programme. Project: Upgrading Education and Research Capacity in Renewable Energy Technologies (UPERC-RET)	2015 - 2019	MINA*, M. Samuel Adaramola
	Malawi	Lilongwe University of Agriculture and Natural Resources (LUANAR)	Student exchange, institutional cooperation	Ongoing	School of Business and Economics (HH), Stein Holden
	Mali	International Institute of Tropical Agriculture	Research project funded by Norwegian Ministry of Foreign Affairs. Climate Smart Technologies for Improved Livelihoods and Food Security in Mali	2019 - 2024	LANDSAM/Noragric*, Jens B. Aune
		Institut d’Economie Rural	Research project funded by Norwegian Ministry of Foreign Affairs. Adaptation de l’agriculture et l’élevage au changements climatiques-phase 2	2018 - 2023	LANDSAM/Noragric*, Jens B. Aune
	Niger	Institut National de la Recherche Agronomique du Niger (INRAN) + CARE	Research/development project funded by Norwegian Ministry of Foreign Affairs Projet de recherche et développement pour la sécurité alimentaire et l’adaptation aux	2016 - 2020	LANDSAM/Noragric*, Jens B. Aune

			changement climatiques des systems ruraux de production au Niger		
		International Institute of Tropical Agriculture	Research and development project funded by the Norwegian Ministry of Foreign Affairs. Climate Smart Technologies for Improved Livelihoods and Food Security in Niger.	2019 - 2024	LANDSAM/Noragric*, Jens B. Aune
	South Africa	Stellenbosch University; Southern African Wildlife College (main partner in project: Copperbelt University, Zambia)	NORHED project, Norad funding	2013 - 2020	LANDSAM/Noragric, Thor S. Larsen/Joanna Boddens-Hosang
		Southern African Wildlife College (SADC registered)	MoU, NMBU + SAWC, institutional collaboration, research/education	2019 - 2024	LANDSAM/Noragric*, Pål Vedeld/Thor S. Larsen
	South Sudan	University of Juba (other partners in project: Makerere University, Uganda)	NORHED project, research/education/ Norad funding.	2013 – 2020	LANDSAM/Noragric*, Trygve Berg
		University of Juba (other partners in project: Hawassa University, Ethiopia)	NORHED project, research/education/ Norad funding.	2013 – 2020	LANDSAM/Noragric*, Darley Kjosavik
	Tanzania	University of Dar es Salaam (other partners in project: State University of Zanzibar, Tanzania)	NORHED project, research/education/ Norad funding.	2013 - 2020	LANDSAM/Noragric*, Ian Bryceson
		University of Dar es Salaam	NFR Toppforsk Green mentality	2016 – 2020	LANDSAM/Noragric*, Tor A. Benjaminsen
		Ardhi University	Institutional collaboration NMBU	2014 - 2019	NMBU Dept. of Academic Affairs
		St. John's University of Tanzania	Institutional collaboration NMBU	2019 - 2024	LANDSAM/Noragric*, Tor A. Benjaminsen
	Uganda	Makerere University Business School (MUBS)	NORHED project, research/education. Norad funding.	2015 - 2020	School of Economics and Business (HH), Olvar Bergland and Ragnar Øygard
		Makerere University (other partners in project: University of Dar es Salaam, Tanzania)	NORHED project, research/education. Norad funding.	2013 – 2020	MINA*, Douglas Sheil
		Makerere University (other partners	NORHED project, research/education.	2013 – 2020	MINA*, Bal Ram Singh

		in project: Addis Ababa University, Ethiopia; University of Juba, South Sudan)	Norad funding.		
		Makerere University (other partners in project: University College of Southeast Norway; University of Nairobi, Kenya; University of Juba, South Sudan; Addis Ababa University, Ethiopia; University of Bergen, Norway)	NORHED project, research/education. Norad funding.	2013 – 2020	REALTEK*, Harsha Ratnaweera
		Makerere University (other partners in project: University of Zambia; University of Juba, South Sudan)	NORHED project, research/education. Norad funding.	2013 – 2020	VET/Dept. of Food Safety and Infection Biology (MatInf), Eystein Skjerve
		Mbarara University of Science and Technology	Collaborative programme of research, training, curriculum and institutional development, dissemination of information and exchange of faculty, students and staff	2014 - 2019	MINA*, Douglas Sheil
	Zambia	Copperbelt University (other partners in project: Stellenbosch University, South Africa; SAWC, South Africa)	NORHED project, research/education. Norad funding.	2013 - 2020	LANDSAM/Noragric*, Thor S. Larsen
		University of Zambia, Conservation Farming Unit Zambia.	DIKU, NORPART programme. Academic cooperation on sustainable, climate smart agriculture	2017 - 2021	MINA*, Jan Mulder
ASIA (incl. Eurasia and Central Asia)	China	Chinese Academy of Sciences (CAS) + USA (University of Michigan and the University of Arizona)	Chinese Academy of Sciences (CAS)	Ongoing	MINA*, Kari Klanderud
		Tsinghua University	DIKU, UTFORSK programme. Sino-Norwegian Partnership, SiNorSoil, Sustainable soil management in response to pollution and climate change.	2016 - 2019	MINA*, Jan Mulder

		Hangzhou Zhushi Biotechnology Co.	Research Program Cooperation Agreement – Genomic Selection of Sonid Sheep in Inner Mongolia of China	2019 - 2022	BIOVIT*, Theo Meuwissen
		Zhejiang Ocean University (ZJOU)	a) Joint training of ZJOU Master students (until graduation of last student enrolled under the agreement) b) MoU on above goals	2012 – 2019 +	BIOVIT/IHA*, Trond Storebakken
		Beijing Forestry University	MoU incl. research, education, academic exchange	2018 - 2022	NMBU rectorate
		Inner Mongolia Agricultural University	MoU incl. research, education, academic exchange	2015 - 2023	NMBU rectorate
		Jiangsu University	MoU incl. research, education, academic exchange	2018 - 2022	NMBU rectorate
		Qingdao Technological University (Other partners in project: Hokkaido University, Japan: University of Washington, USA: The University of British Columbia, Canada: Seoul National University, South Korea: The University Centre in Svalbard, Norway)	The High North Programme, research/education. DIKU funding.	2016 - 2019	REALTEK*, Harsha Ratnaweera
	India	CFTRI (and University of Oslo)	Norwegian Research Council (NFR) funded. Design and Development of Functional Foods from agri- and marine waste for value addition.	Ongoing	KBM*, Gerd Elisabeth Vegarud
		ATREE	NFR Toppforsk Greenmentality	2016 - 2020	LANDSAM/Noragric*, Tor A. Benjaminsen
	Japan	Fukushima University	Research collaboration, student exchange	2015 - 2020	MINA / CERAD/ Brit Salbu
	Kirgisistan	American University of Central Asia	Research, researcher/student exchange	Ongoing	School of Economics and Business (HH), Roberto Garcia

	Laos	University of Health Sciences	NFR/FRIPRO funding: DENCLIM project	2018 - 2021	REALTEK*, Hans Overgaard
	Nepal	Kathmandu University (other partners in project: Tribhuvan University, Nepal; Royal University of Bhutan)	NORHED project, research/education. Norad funding.	2013 - 2020	LANDSAM/Noragric*, Bishal Sitaula
		Tribhuvan University (other partners in project: University of Ruhuna, Sri Lanka; COMSATS, Pakistan)	NORHED project, research/education. Norad funding.	2013 – 2020	LANDSAM/Noragric*, Stig Jarle Hansen
		Tribhuvan University (other partner: Kathmandu University)	NORHED project, research/education. Norad funding.	2017 - 2020	LANDSAM/Dept. of Landscape Architecture*, Sheri Lee Bastien
	Pakistan	COMSATS Institute of Information Technology. 15 other partners (see https://www.nmbu.no/en/faculty/landsam/departement/noragric/research/clusters/chsd/projects-and-activities/ict4cop/partner-institutions)	Partner in the Horizon 2020 project “Community based policing and post-conflict police reform”, EU funding.	2015 - 2020	LANDSAM/Noragric*, Ingrid Nyborg
	Russia	Tambov State University, Department of Mathematics, Physics and Informatics	Institutional Agreement, academic cooperation	Ongoing	REALTEK*, Arkadi Ponossov
		Perm State University, Department of Mechanics and Mathematics	Institutional Agreement, academic cooperation	Sept. 2011 - ongoing	REALTEK*, John Wyller and Arkadi Ponossov
	Russia, Finland, others	University of Helsinki, Russian Academy of Sciences, University of Lapland, Umeå University, SLU Uppsala Norforsk - Nordic Center of Excellence – Russian Cooperation –	Reindeer husbandry in a Globalizing North, adaptations and pathways for actions	2016 – 2020	BIOVIT/IHA*, Øystein Holand
	Sri Lanka	University of Peradeniya (other partners in project: University College of Southeast Norway, Norway: The University of Jaffna, Sri Lanka: The Bangladesh University of Engineering and Technology, Bangladesh: The Institute of Technology of Cambodia, Cambodia)	NORHED project, research/education. Norad funding.	2013 – 2020	REALTEK*, Harsha Ratnaweera
	Thailand	Khon Kaen University, Khon Kaen	NFR/FRIPRO project: DENGUE-INDEX	2016 - 2019	REALTEK*, Hans Overgaard

			project		
		Asian Institute of Technology	NFR/FRIPRO funded: DENCLIM project	2018 - 2021	REALTEK*, Hans Overgaard
EUROPE		>15 countries	CMST COST Action CM1407: Challenging organic syntheses inspired by nature – from natural products chemistry to drug discovery.	2015 - 2019	KBM*, Yngve Stenstrøm
		27 countries	COST Action CA 16106 Ammonia and Greenhouse Gases Emissions from Animal Production Buildings	2017 - 2021	BIOVIT/IHA*, Egil Prestløkken
		31 countries (SLU Main partner)	COST Action PlantEd (CA18111)	2019 - 2023	BIOVIT/IPV*, Trine Hvoslef-Eide
		SLU, Århus Universitet, University of Hohenheim, Wroclaw University of Environmental and Life Sciences, Wageningen University, University of Kiel, CRV, LSDZAS, Vikinggenetics (Sweden), Lithuanian University of Health Sciences, Rinderzucht Schleswig-Holstein, Lithuanian Red Cattle Improvement	NFR 272347 ReDiverse Biodiversity within and between European Red Dairy Breeds	2017 - 2019	BIOVIT, Theo Meuwissen
		SLU, Université Paul Sabatier Toulouse, University of Aberdeen, Wageningen University, UNITUS (Italia), Maribohilleshög, University of Oxford, Solynta (Netherlands)	H2020 Marie Skłodowska-Curie ITN European Training Network: Pathogen Informed Resistance to Oomycete Diseases in Ecosystems, Agriculture and Aquaculture	2018 - 2022	BIOVIT, May Bente Brurberg
		13 countries	H2020 – Nextfood (Innovative Science & Education for Sustainable Agriculture)	2018 - 2022	BIOVIT, Geir Lieblein
		38 institutions	H2020 Research and Innovation action 727312 Breeding Forage and Grain Legumes to Increase EUs and China's Protein Self-sufficiency	2017 - 2021	BIOVIT, Åshild Ergon
		30 countries	COST Action CA15134 GroupHouseNet Synergy for preventing damaging behaviour in group housed pigs and chickens. http://www.cost.eu/COST_Actions/ca/CA15134?parties	2016 - 2020	VET/ProdMed, Andrew Janczak

			http://www.grouphousenet.eu/about-2		
		30+ countries (+ USA, Armenia, Iran, Tunisia, Israel, Palestine and St. Kitts and Nevis)	COST Action (Euro-FBP)	2014 - 2019	VET/MatInf*, Lucy Robertson
		10 European research groups from 7 countries (Germany, Netherlands, Norway, UK, Turkey, Austria, Italy)	FP7 Marie Curie ITN Oxytrain	2016 – 2020	KBM*, Morten Sørli & Vincent Eijssink
			FP7 MicroDE – ERC starting Grant. Interpreting the irrecoverable microbiota in digestive ecosystems. Website: https://www.nmbu.no/en/projects/node/30630	2014 - 2019	BIOVIT*, Phil Pope
		Network of 45 countries	ISEKI-Food Association – Integrating Safety and Environment Knowledge In Food towards European Sustainable Development	Ongoing	KBM*, Trude Wicklund
		>5 countries	EU H2020 BBI-JU project	2018 - 2021	KBM*, Dzung Diep
		INTERREG. Province of Groningen The Netherlands, Foundation De Zilte Smaak, NL, SPNA Agroresearch NL, Salt Farm Foundation NL, Wadden academy NL, VIFU DK, Taste of Denmark DK, Oekowerk Emden Germany, University of Lincoln UK, University of Gothenburg Sweden, ILVO Belgium, Flemish Land Agency B.	Salfar Saline Farming - Innovative agriculture to protect environmental and economic growth.	2017 - 2022	MINA*, Åsgeir Almås
		ERA-NET co-funding (FACCE_ERA-GAS), EU via NFR: Aarhus University DK, Karlsruhe Institute of Technology, Germany, INRA France, Norwegian center for Organic Agriculture, SLU, Scottish Rural College UK, RSK Adas Ltd UK	RESIDUE Organic residues in soil	2017 - 2020	MINA*, Marina Bleken
		ERA-NET cofund (Biodiversa), EU via NFR Univ East Anglia, IRSTEA	BONDS balancing biodiversity conservation in Amazonian wetlands	2019 - 2021	MINA*, Torbjørn Haugaasen

		Montpellier, Virginia Polytechnic,			
		HERA Cofunding EU via NFR University of Copenhagen Denmark, ETH Zürich Switzerland, 'Federico II' University Italy	PuSH Public Spaces in Social Housing	2019 - 2020	LANDSAM; Inger-Lise Saglie
		ERA-NET cofund (Biodiversa), EU via NFR. Univ. of Duisburg Essen Germany, IRSTEA Lyon, France	OSCAR (<i>Effekter av kantsoner langs vassdrag</i>)	2017 - 2020	MINA*, Jan Vermaat
		ERA-NET JPI WATER cofund, EU via NFR: NIVA, IGB Berlin, Univ Rennes, UNIV Federal do Parana, Rhodes Univ South Africa	MADMACS, nass development of aquatic macrophytes	2019 - 2021	MINA*, Jan Vermaat
		FACCE-ERA-GAS cofunded, EU via NFR. National University of Ireland, TEAGASC Ireland, Aarhus Univ DK, Thunen Inst Germany, SLU, Univ Helsinki Finland, NERC UK, INRA France, Univ Otago New Zealand	MAGGE pH Mitigating agricultural greenhouse gas emissions by improved pH management of soils	2017 - 2020	MINA*, Peter Dörsch
		CONCERT JPI via NFR: The consortium consists of 34 National Programme Managers and Programme Owners from 23 European Member States + Norway and Switzerland, and 4 radiation protection associations being MELODI, ALLIANCE, NERIS and EURADOS.	EURATOM 268909/E50- CONCERT	2016 - 2020	MINA*, Brit Salbu
		FACCE-ERA-GAS co-funding via NFR: Finnish Meteorological Institute; Wageningen University, Netherlands; Transylvania University of Brasov, Rumania; SLU; US Forest Service	FORCLIMIT Mobilizing and Monitoring Climate Positive Efforts in Forests and Forestry	2017 - 2020	MINA*, Erik Næsset
		Boku Vienna, INFR France, TU München, Forest Sciences Centre Catalonia, ISA Portugal	ERANET-Forestvalue: NOBEL	2019 - 2020	MINA*, Terje Gobakken/Erik Næsset

		H2020 IA SFS 48. Many partners. See website: https://www.nmbu.no/en/projects/sieugreen/node/33440	SiEUGreen Resilient and resource-efficient value chains.	2018 - 2021	MINA*, Petter Jensen
		7 partners, 5 countries. (The University of British Columbia, Canada: University of Washington, USA: Michigan State University, USA: Qingdao Technological University, China: Hokkaido University, Japan)	International partnerships for excellent education and research (INTPART)	2017 – 2019	REALTEK*, Harsha Ratnaweera
		10 universities, 7 countries. (Ukrainian State University of Chemical Technology, Ukraine: National Technical University of Ukraine, Ukraine: Cherkassy State Technological University, Ukraine: Belarussian State Technological University, Belarus: South Kazakhstan State University, Kazakhstan: Mining-metallurgical institute of Tajikistan, Tajikistan: Tajik Technical University, Tajikistan: Technological University of Moldova, Moldova: Kyrgyz National University, Kyrgyzstan).	Water Harmony II. Funded by the Norwegian Agency for International Cooperation and Quality Enhancement in Higher Education (DIKU), Eurasia programme. Educational cooperation.	2015 – 2019	REALTEK*, Harsha Ratnaweera
		The Queen's University of Belfast (Coordinator), Universite de Liege, The University Court of the University of Aberdeen, Universidad Austral de Chile, Veterinærinstituttet, Folkehelseinstituttet, Institut National de la Recherche Agronomique, Protoqsar 2000 SL, NMBU, BioDetection Systems B.V.	H2020-MSCA-ITN-2016, PROTECTED	2016 – 2021	Vet/PRODMED*, Erik Ropstad
		Universita Degli Studi Di Milano	H2020-FETOPEN-2018-2019-2020-01,	2018 – 2020	Vet/BASAM*, Trond M.

		(Coordinator), Skretting Aquaculture Research Centre AS, Universiteit Gent, Biofabrics LDA, Israel Oceanographic and Limnological Research Limited, NMBU	Fish-AI		Kortner
		Nordic partners	NENUN (Nordic Environmental Nucleotide Network).	Ongoing	KBM*, Åsa Frostegård
		Nordic research collaboration	KTH, Sweden; Aalborg University; Denmark; Aalto University, Finland. Research Development and Research School – Land Management and Planning.	Ongoing	LANDSAM*, Knut Bjørn Stokke
		Nordic research collaboration	KTH, Sweden; Aalborg University; Denmark; Aalto University, Finland. Research Development and Research School – Land Management and Planning.	Ongoing	LANDSAM*, Inger-Lise Saglie
		Nordic and Baltic countries	SNS ('Samnordisk skogsforskning'). Funding for conferences, network activities. Forest economy.	Ongoing	MINA*, Sjur Baardsen
		Nordforsk, Nordic Council of Ministers: NIVA, SLU, Aarhus Univ., SYKE Finland, Univ. Oulu	Nordic Center of Excellence BIOWATER: the effects of a bio-economy on catchment scale water quality and quantity	2017 - 2022	MINA*, Jan Vermaat
		Nordic network	Public spaces in declining rural areas Network funded by NORDFORSK	2019 - 2020	LANDSAM, Inger-Lise Saglie
	Austria	Boku University, Vienna	FunEnzFibres – Forest Value research project	2019 – 2022	KBM*, Vincent Eijsink
		Boku University, Vienna	Collaborating partners project "Unravelling the secrets of oxidative biomass decomposition"	2018 - 2021	KBM*, Vincent Eijsink
		European Forest Institute Regional Center in Vienna (and LUKE, Finland)	Decision making support for forest ecosystem services in Europe Funding: EU via NFR. Arkiv 16/04812	2017 - 2020	MINA, Birger Solberg
		University of Natural Resources and	SusCrop ERA-NET project WheatSustain	2019 - 2022	BIOVIT/IPV, Morten Lillemo

		Life Sciences Vienna, Agrobiotechnology Tulln (IFA-Tulln)	“Knowledge-driven genomic predictions for sustainable disease resistance in wheat”		
	Croatia	University of Osijek	Institutional collaboration; research, student exchange, etc.	2018 - 2020	MINA* Sjur Baardsen
	Denmark	Aarhus University; Agricultural University of Iceland; Lithuanian Research Centre for Agriculture and Forestry; Latvia University of Agriculture; Graminor AS, Boreal Plant Breeding; DLF Trifolium; Lantmännen ek för; Estonian Crop Research Institute	Research: Perennial Ryegrass, Public and private funding	2015 - 2020	BIOVIT/IPV*, Odd Arne Rognli
		University of Aarhus	NFR 254708/E50 Targeted feed processing – a tool for improving protein efficiency in dairy cows	2016 - 2019	BIOVIT/IHA*, Egil Prestløkken
		University of Copenhagen	R&D project, research/Research Council of Norway- funding.	2018 - 2022	BIOVIT/IHA*, KBM*, Anna Haug and Bjørg Egelanddal
		University of Copenhagen	NFR 237841/O30 Foods of Norway	2015 – 2023	BIOVIT/IHA, Margareth Øverland
		Aalborg University and 8 partners (from Sweden, Germany, Switzerland, Austria, the Netherlands, Belgium, and Norway (NMBU)	“Quantification of synergies between Energy Efficiency first principle and renewable energy systems” (sEEnergies), funded by EU Horizon 2020.	2019 - 2021	LANDSAM* Department of Urban and Regional Planning, Petter Næss
		Technical University of Denmark (DTU)	Matfond agreement	2015 - 2019	VET/Matinf,*, Mette Myrmel
		University of Aalborg	NFR, Integrated Coastal Zone Management and Planning (PlanCoast)	2016 - 2019	LANDSAM, Knut Bjørn Stokke and Katrine Broch Hauge
	Estonia	University of Tartu, Priit Valjämae	Bilateral collaboration	Ongoing	KBM*, Morten Sørli & Vincent Eijsink
	Finland	European Forest Institute	Multilateral collaboration	Ongoing	MINA*, Alexander Moiseyev
		University of Helsinki, University of Lapland, University of Oulo, Natural Resources Institute Finland,	Reindeer husbandry in a Globalizing North, adaptations and pathways for actions (NordForsk)	2016 – 2020	BIOVIT/IHA*, Øystein Holand

		Umeå University, SLU Uppsala, Dalarna University, NordGen, Svenskt Fjäll- og samemuseum, University of Reading, Heriot Watt University (Edinburgh), University of Waikato (New Zealand), Concordia University (Canada)			
		MTT, Finland; Swedish University of Agriculture. 11 partners in the project.	Norwegian Research Council (NFR) funded. NFR-233683/E50. Increased meat production from beef cattle herds.	2014 - 2019	BIOVIT/IHA*, Laila Aass
		Aalto University and Finnish Environmental Research Institute (SYKE)	The BEMINE project, funded by the Academy of Finland	2016 - 2019	LANDSAM* Department of Urban and Regional Planning, Petter Næss
		University of Helsinki (and SLU, Sweden)	SNS-funding to the Centre of Advanced Research (CAR) “The Nordic forest-based sector in the bioeconomy – NOFOBE” Nordic Forest Research (SNS). Arkiv 15/03305.	2016 - 2020	MINA, Hans Fredrik Hoen
		VTT Technical Research Centre	FunEnzFibres – Forest Value research project	2019 – 2022	KBM*, Vincent Eijsink
	France	INRA, Paris and INRA Theix (7 partners in project)	Norwegian Research Council (NFR) funded. NFR-234342/E50. Production of high quality goat milk through increased use of Norwegian feed resources and improved feed utilization.	2014 – 2019	BIOVIT/IHA*, Margrete Eknæs
		Université de Reims et Marseille, Actalia («the Research and Technology Institute for the French food sector»)	STRIP; 2018-2021. French Research Council	2018 - 2021	VET/MatInf*, Lucy Robertson
		Ayming (IND); Nederland: University of Groningen, BTG Biomass Technology Group (SME); UK: Aston University; Belgium: Ghent University; Germany: DLR, German Aerospace Center (RTO); Sweden: Rise Innventia AB (RTO);	EU H2020 ABC-Salt	2018 - 2021	REALTEK*, Espen Olsen and Ruth Heidi Samuelsen Nygård

		Italy: Sapienza University of Rome.			
	Germany	Research Center Jülich (coordinator); Bavarian Academy of Sciences; Barcelona Supercomputing Centre; Megware GmbH; U Heidelberg; Extoll GmbH; U Edinburgh; Fraunhofer Society; KU Leuven; Astron Foundation; National Centre for Supercomputing Applications, Bulgaria; U Iceland; CERN	EC FET-HPC project "DEEP-EST", grant number 754304	2017 – 2020	REALTEK*, Hans Ekkehard Plesser
		Bundesinstitut für Risikobewertung (other partners in Italy, Sweden, Latvia and U.K.)	EFSA, IMPACT	2019 – 2020	VET/Matinf*, Lucy Robertson
		Julius-Kuhn Institute	NFR project “Resistance to Fusarium langsethiae in Norwegian oats – SafeOats”	2016 - 2019	BIOVIT/IPV, Morten Lillemo
		Bavarian State Research Center for Agriculture (LfL)	SusCrop ERA-NET project WheatSustain “Knowledge-driven genomic predictions for sustainable disease resistance in wheat”	2019 - 2022	BIOVIT/IPV, Morten Lillemo
	Ireland	University College Dublin	SusCrop ERA-NET project WheatSustain “Knowledge-driven genomic predictions for sustainable disease resistance in wheat”	2019 - 2022	BIOVIT/IPV, Morten Lillemo
		LacPatrick Dairies/Teagasc (Ireland), Agriculture & Agrifood (Canada)	NFR project 255324/E50 "Sustainable cattle production on roughage"	2016 - 2020	BIOVIT/IHA*, Laila Aass
	Netherlands	Wageningen University, University of Stirling (total 7 partners)	NFR248792/O70 – Towards the Digital Salmon (Digisal)	2016 - 2020	BIOVIT/IHA*, Jon Olav Vik
		Wageningen University, University of Stirling	NFR Project – Integrating genomics and system biology “Gensysfat”. Translate knowledge about the salmon genome.	2015 - 2019	BIOVIT/IHA*, Simen Sandve
		The Netherlands Organization for Applied Scientific Research, TNO	R&D project, research/Research Council of Norway- funding.	2018 - 2022	BIOVIT/IHA/KBM, Anna Haug and Bjørg Egelanddal
	Portugal	National Laboratory of Energy and Geology (LNEG) & New University of Lisbon (UNL)	Collaborating partners, “OxyMod” project, Centre for Digital Life.	2017 - 2021	KBM*, Vincent Eijssink
	Scotland	University of Edinburgh	Institutional cooperation agreement on research, teaching and supervision	Ongoing	BIOVIT/IHA*, Theo Meuwissen

	Spain	INIA (coordinator). Other partners: SLU (Sweden), University of Newcastle (UK), INRA (France), Iowa State University (USA), University of New England (USA), IFIP (France), ITACYL (Spain)	ERA-Net/NFR 272334 SusPig – Sustainability of pig production through improved feed efficiency	2017 - 2020	BIOVIT/IHA, Margareth Øverland
	Sweden	Swedish University of Agricultural Sciences (SLU) - Uppsala	Research Development and Research School – Architecture and Planning in the Urban Landscape	Ongoing	LANDSAM*, Karsten Jørgensen
		SLU and University of Copenhagen, Faculty of Health and Medical Sciences	Research collaboration on Epilepsy-epidemiology: Epidemiological studies of epilepsy in dogs. Partly funded by Agria.	Ongoing	VET/Dept. of Companion Animal Clinical Sciences (SpFaMed)*, Karin Hultin Jäderlund/Ane Nødtvedt
		SLU and University of Copenhagen (Denmark)	Matfond agreement	2017 - 2020	VET/Dept. of Food Safety and Infection Biology (Matinf)*, Lucy Robertson, Kristoffer Tysnes
		SLU, Department of Microbiology	NFR Project “Biofeed”	2014 - 2019	KBM*, Vincent Eijsink & Svein Horn
		SLU Umeå, Aarhus University, Lethbridge Research Centre Agriculture and Agri-Food Canada	NFR 295207. Strategies in grass silage production to mitigate enteric CH ₄ emissions from ruminants	2019 - 2023	BIOVIT/IHA, Ingjerd Dønnem
		Karolinska Institute, Stockholm	RFFHovedstaden SLARBIS	2016 - 2019	VET/Matinf*, Henning Sørsum
		Umeå University	NFR/FRIPRO project: DENCLIM project	2018 - 2021	REALTEK*, Hans Overgaard
		University of Gothenburg	NFR, Integrated Coastal Zone Management and Planning, PlanCoast	2016 - 2019	LANDSAM, Knut Bjørn Stokke and Katrine Broch Hauge
	Switzerland	116 partner institutions from 19 countries; coordinator EPFL.	“Human Brain Project”, a European Commission Future and Emerging Technologies Flagship project (Framework Partnership Agreement 650003)	2013 – 2023	REALTEK*, Hans Ekkehard Plessner and Gaute Einevoll
		Hochschule Rapperswil	NFR, From place-based resources to value-added experiences (BIOTOUR)	2016 - 2020	LANDSAM, Knut Bjørn Stokke and Morten Clemetsen
	Ukraine	Ukrainian State University of Chemical Technology (together with Kazakhstan and Tajikistan)	Funded by the Norwegian Agency for International Cooperation and Quality Enhancement in Higher Education	Ongoing	REALTEK*, Harsha Ratnaweera

			(DIKU), Eurasia programme. Educational cooperation		
			CPEA-2015/10108 - Joint Ukrainian-Norwegian education programme. Funded by the Norwegian Agency for International Cooperation and Quality Enhancement in Higher Education (DIKU).	2016 - 2020	MINA*, Ole Christian Lind
		Ukrainian Institute of Agricultural Radiology (National University of Life and Environmental Sciences of Ukraine)	NFR 223268/F50	2013 - 2022	BIOVIT, Jorunn Elisabeth Olsen
	U.K.	Durham University	Economic and Social Research Council (ESRC). Security on the Move: Everyday security of IDPs in rapidly growing Somali cities (Research)	2017 – 2020	LANDSAM/Noragric*, Kirsti Stuvøy
		National Institute of Agricultural Botany (other partners in project: Aarhus University, Denmark; Bayerische Landesanstalt für Landwirtschaft, Germany; Curtin University, Australia)	Norwegian Research Council (NFR) funded. An effector- and genomics-assisted pipeline for necrotrophic pathogen resistance breeding in wheat.	2015 - 2019	BIOVIT/IPV*, Morten Lillemo
		Sainsbury Laboratory, Norwich Research Park	GENE innovate IPN prosjekt	2018 - 2021	BIOVIT/IPV*, Trine Hvoslef-Eide
		London School of Hygiene and Tropical Medicine	NFR/FRIPRO project: DENGUE-INDEX project.	2016 - 2019	REALTEK*, Hans Overgaard
	UK, Italy, others	University of Bristol, Neiker Techinala, Campus Agroalimentario de Arkaute (5 partners)	NFR Bionær – ANIHW Integrated Broiler Data – joint collection, storage of data in a joint database for Broiler data.	2016 - 2019	BIOVIT/IHA*, Ruth Newberry
		University of Lincoln	Collaboration agreement, internally funded.	Ongoing	REALTEK*, Pål Johan From, Morten Lillemo
	U.K., the Netherlands	Institute for marine research, University of Tromsø, University of Bergen, University of Sterling, Wageningen University and Research Centre, EWOS, FAIRDOM,	Biotek2021 NFR 248792. Towards the Digital Salmon: From a reactive to a pre-emptive research strategy in aquaculture (DigiSal)	2016 - 2019	BIOVIT/IHA*, Jon Olav Vik

		AquaGen			
	UK, Germany, the Netherlands, France, Italy, Greece, Spain, Poland	24 partners	H2020-SFS-2018-2. EU Project nr 817923; AQUA-FAANG: Advancing European Aquaculture by Genome Functional Annotation	2019 - 2023	BIOVIT/IHA*, Sigbjørn Lien
CENTRAL AMERICA	Mexico	International Maize and Wheat Improvement Center (CIMMYT)	NFR project “Reliable and efficient high-throughput phenotyping to accelerate genetic gains in Norwegian plant breeding (vPheno)”	2017 - 2021	BIOVIT/IPV, Morten Lillemo
		International Maize and Wheat Improvement Center (CIMMYT)	SusCrop ERA-NET project WheatSustain “Knowledge-driven genomic predictions for sustainable disease resistance in wheat”	2019 - 2022	BIOVIT/IPV, Morten Lillemo
SOUTH AMERICA	Brazil	UNESP (Universidade Estadual Paulista), Brasil	General MoU: Research, education, cooperation/ exchange, project development, see 15/02718-3	2015 - 2020	MINA*, Torbjørn Haugaasen
		PUC (Pontifical Catholic University of Rio de Janeiro)	DIKU – UTFORSK 2016 – Long-term project funding – Project document” “UTF-2016-long-term/10097 –Vision-based control with applications to robotic systems	2017 - 2020	REALTEK*, Pål Johan From
		The Institute of Physics of São Carlos, University of São Paulo (USP), Prof. Igor Polikarpov	Collaborating partners project “Unravelling the secrets of oxidative biomass decomposition”	2018 - 2021	KBM*, Vincent Eijsink
	Chile	University of Santiago de Chile, Pontifical Catholic University of Valparaíso	NFR 281052 Nutrition and Mucosal Immunity: how to feed the immune system on fish	2018 - 2019	BIOVIT/IHA*, Leidy Lagos
		University of Santiago de Chile, Pontifical Catholic University of Valparaíso	NFR 294821 Trained immunity and nutritional programming for resilient salmon	2019 – 2023	BIOVIT/IHA*, Margareth Øverland
	Colombia	Universidad Industrial de Santander	Institutional collaboration.	2015 - 2020	LANDSAM/Noragric*, John McNeish
		Universidad de Antioquia, Medellin Colombia	EnPe project: PhD project Somatic embryogenesis in <i>Jatropha curcas</i>	2016 - 2019	BIOVIT/IPV*, Trine Hvorslef-Eide
NORTH AMERICA	Canada	Univ. of British Columbia and several others:	The International Tundra Experiment: network of researchers examining the	Ongoing	MINA*, Kari Klanderud

		http://ibis.geog.ubc.ca/itex/	impacts of warming on tundra ecosystems. Research teams at more than two dozen sites throughout the world carry out similar, multi-year manipulation experiments that allow them to examine vegetation change across the tundra biome. National, IASC (workshops), IPY syntheses.		
		Concordia University	"Testing Mating Systems Theory in a Polygynous Mammal (Reindeer/Caribou Rangifer Tarandus) Using an Experimental Approach"	2014 – 2019	VET/Dept. of Basic Sciences and Aquatic Medicine (BasAm), Knut Røed
		University of Saskatchewan	Improving Environmental Performance: Impacts of Climate Change on Forest Diversity. Strategic project Natural Science Engineering Research Council of Canada (Institutional collaboration).	2016 - 2019	BIOVIT/IPV*, Jorunn Olsen
		Agriculture and Agri-Food Canada	SusCrop ERA-NET project WheatSustain “Knowledge-driven genomic predictions for sustainable disease resistance in wheat”	2019 - 2022	BIOVIT/IPV, Morten Lillemo
		Lethbridge Research Centre Agriculture and Agri-Food Canada	Norwegian Research Council (NFR) funded. NFR-296204. Developing an industry standard for use of 3-NOP as a strategy to reduce methane emission from Norwegian cattle	2019 - 2023	BIOVIT/IHA*, Margrete Eknæs
		University of Toronto	Bilateral collaboration	Ongoing	KBM*, Vincent Eijsink
	USA	University of Minnesota (NOCC collaboration agreement)	Research projects, student exchange (Tripartite agreement between UMN, NMBU, UiO).	2015 - 2019	Coordinated by NMBU’s Dept. of Research, Innovation and External Cooperation, Ragnhild Solheim/Joanna Boddens-Hosang
		University of Minnesota (NOCC collaboration agreement)	Research project, “Characterization of Resistance Mechanisms to Antibiotics and Antimicrobial Peptides”	2018 - 2020	KBM*, Dzung Diep
		University of Minnesota	NFR 233685/E50 FeedMileage: Efficient use of feed resources for a sustainable Norwegian food production	2014 – 2019	BIOVIT/IHA*, Margareth Øverland

		Boston University	NFR project “Reliable and efficient high-throughput phenotyping to accelerate genetic gains in Norwegian plant breeding (vPheno)”	2017 - 2021	BIOVIT/IPV, Morten Lillemo
		University of Wisconsin	NFR 294821 Trained immunity and nutritional programming for resilient salmon	2019 – 2023	BIOVIT/IHA, Margareth Øverland
		Idaho State University	Decision making support for forest ecosystem services in Europe Funding: EU via NFR. Arkiv 16/04812.	2018 - 2019	MINA*, Birger Solberg
		UNT Health Science Center, Texas, USA	NFR/FRIPRO project: DENCLIM project	2018 - 2021	REALTEK*, Hans Overgaard
		Northwestern University (and University of Toronto)	Research project /NFR. Jihad war economies project. Somalia (and Mali, Nigeria, Iraq)	2016 – 2019	LANDSAM/Noragric*, Stig J. Hansen
		American University, Washington DC	Bilateral, research.	2016 - 2020	LANDSAM/Noragric*, John McNeish
		(same)	Collaboration project in research and education with the American University’s School of International Service (SIS). Funded by DIKU, Partnership programme with North America.	2017 - 2020	LANDSAM/Noragric*, Shai Divon

***Abbreviations of NMBU faculties/departments:**

Faculty of Biosciences (BIOVIT):

- IPV: Dept. of Plant Sciences
- IHA: Dept. of Animal and Aquacultural Sciences

Faculty of Landscape and Society (LANDSAM):

- Department of Urban and Regional Planning
- Department of Property and Law
- Department of Public Health Science

- Department of Landscape Architecture
 - Dept. of International Environment and Development Studies, Noragric
- Faculty of Science and Technology (REALTEK)
- Faculty of Environmental Sciences and Natural Resource Management (MINA)
- Faculty of Chemistry, Biotechnology and Food Science (KBM)
- School of Economics and Business (HH)
- Faculty of Veterinary Medicine (VET):
- Dept. of Basic Sciences and Aquatic Medicine (BasAm)
 - Dept. of Food Safety and Infection Biology, Faculty of Veterinary Medicine (MatInf)
 - Dept. of Companion Animal Clinical Sciences, Faculty of Veterinary Medicine (SpFaMed)
- SIT: Student Information Centre, Dept. of Academic Affairs