



International academic collaboration at NMBU *(June 2018)*

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/Royal Norwegian Embassy, Addis Ababa	2015 - 2019	NMBU Research Department (Joanna Boddens-Hosang) and LANDSAM/Noragric (Jens Aune)
		Wondo Genet College of Forestry and Natural Resources, Hawassa University	Institutional collaboration/Royal Norwegian Embassy, Addis Ababa	2015 - 2019	MINA*, M. Samuel Adaramola
		Hawassa University (other partners in project: University of Kordofan, Sudan)	NORHED project, research/education. Norad funding.	2013 – 2018	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 - 2019	BIOVIT/IPV*, Trine Hvoslef-Eide
		Hawassa University	EnPe programme, research/education Norad funded	2017 - 2019	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/Royal Norwegian Embassy, Addis Ababa	2015 - 2019	NMBU Research Dept. (Joanna Boddens-Hosang) and LANDSAM/Noragric (Jens Aune)

		Mekelle University (other partner in project: LUANAR, Malawi)	NORHED project (“CLISNARP”), research/education. Norad funding.	2013 – 2018	School of Economics and Business (HH), Stein Holden
		Mekelle University (main partner)	NORHED project, research/education. Norad funding	2013 - 2018	MINA*, Ole Hofstad
		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
		Conservation Farming Unit	SBPR-Soil Benefits Parameters Research, Conventional and Conservation Agriculture	2017 - 2021	MINA, Jan Mulder
	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
		LUANAR	Institutional collaboration. Capacity building for managing climate change in Malawi (CABMACC) programme. Funded by MFA. (several projects under CABMACC at NMBU departments)	2013 – 2018	LANDSAM/Noragric*, Bishal Sitaula/Lars Olav Eik
	South Africa	Stellenbosch University; Southern African Wildlife College (main partner in project: Copperbelt University, Zambia)	NORHED project, Norad funding	2013-2018	LANDSAM/Noragric, Thor S. Larsen/Joanna Boddens-Hosang

	South Sudan	Juba University (other partners in project: Makerere University, Uganda)	NORHED project, research/education/ Norad funding.	2013 – 2018	LANDSAM/Noragric*, Trygve Berg
		Juba University (other partners in project: Hawassa University, Ethiopia)	NORHED project, research/education/ Norad funding.	2013 – 2018	LANDSAM/Noragric*, Darley Kjosavik
	Tanzania	Sokoine University of Agriculture (SUA)	Institutional collaboration NMBU/SUA.	ongoing	LANDSAM/Noragric*, Ruth Haug
		Sokoine University of Agriculture (other partners in project: University of Dar es Salaam, Tanzania; University of Nairobi, Kenya; Makerere University, Uganda; University of Zambia)	NORHED project, research/education/ Norad funding.	2013 - 2018	VET/Dept. of Basic Sciences and Aquatic Medicine (BasAm), Stephen Mutoloki
		University of Dar es Salaam (other partners in project: State University of Zanzibar, Tanzania)	NORHED project, research/education/ Norad funding.	2013 - 2018	LANDSAM/Noragric*, Ian Bryceson
		University of Dar es Salaam	NFR Toppforsk Green mentality	2016 – 2020	LANDSAM/Noragric*, Tor A. Benjaminsen
		Ifakara Health Institute (IHI)	NFR/GLOBVAC: ABCDR project	2013 - 2018	REALTEK*, Hans Overgaard
		National Institute of Medical Research (NIMR)	NFR/GLOBVAC: ABCDR project	2013 - 2018	REALTEK*, Hans Overgaard
		National Malaria Control Program, Ministry of Health and Social Welfare	NFR/GLOBVAC: ABCDR project	2013 - 2018	REALTEK*, Hans Overgaard
		Ardhi University	Institutional collaboration NMBU	2014 - 2019	NMBU Dept. of Academic Affairs
		State University of Zanzibar	Institutional collaboration NMBU	2014 - 2018	LANDSAM/Noragric*, Lars Olav Eik
	Uganda	Makerere University Business School (MUBS)	NORHED project, research/education. Norad funding.	2015 - 2019	School of Economics and Business (HH), Olvar Bergland and Ragnar Øygard
		Makerere University (other partners	NORHED project, research/education.	2013 – 2018	MINA*, Douglas Sheil

		in project: University of Dar es Salaam, Tanzania)	Norad funding.		
		Makerere University (other partners in project: Addis Ababa University, Ethiopia; Juba University, South Sudan)	NORHED project, research/education. Norad funding.	2013 – 2018	MINA*, Bal Ram Singh
		Makerere University (other partners in project: University College of Southeast Norway; University of Nairobi, Kenya; Juba University, South Sudan; Addis Ababa University, Ethiopia; University of Bergen, Norway)	NORHED project, research/education. Norad funding.	2013 – 2019	REALTEK*, Harsha Ratnaweera
		Makerere University (other partners in project: University of Zambia; Juba University, South Sudan)	NORHED project, research/education. Norad funding.	2013 – 2018	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 - 2018	LANDSAM/Noragric*, Thor S. Larsen
		University of Zambia, Conservation Farming Unit Zambia.	SIU, 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)	2011/2012 – 2018+	MINA*, Kari Klanderud

		Tsinghua University	SIU, UTFORSK programme. Sino-Norwegian Partnership, SiNorSoil, Sustainable soil management in response to pollution and climate change.	2016 - 2019	MINA*, Jan Mulder
		Zhejiang Ocean University (ZJOU)	a) Joint training of ZJOU Master students (2012 – 2018, until graduation of last student enrolled under the agreement) b) MoU on above goals	2012 – 2018 +	BIOVIT/IHA*, Trond Storebakken
		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. SIU funding.	2016 - 2019	REALTEK*, Harsha Ratnaweera
	India	CFTRI and UiO	Norwegian Research Council (NFR) funded. Design and Development of Functional Foods from agri- and marine waste for value addition.	Ongoing	KBM*, Gerd Elisabeth Vegarud
		University of Kerala	Agroecology: Action Research and Education, India-Norway Cooperation/SIU-UTFORSK	2016 - 2018	BIOVIT/IPV*, Anna Marie Nicolaysen
		University of Calcutta	Action research and education in Agroecology – Cooperation and	2015 - 2018	BIOVIT/IPV*, Anna Marie Nicolaysen

			Comparison/SIU.		
		ATREE	NFR Toppforsk Greenmentality	2016 - 2020	LANDSAM/Noragric*, Tor A. Benjaminsen
	Japan	University of Tokyo	NFR project Bio-Mim, 243663; PhD student exchange	2014 - 2018	KBM*, Vincent Eijsink
		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 - 2018	LANDSAM/Noragric*, Bishal Sitaula
		Tribhuvan University (other partners in project: University of Ruhuna, Sri Lanka; COMSATS, Pakistan)	NORHED project, research/education. Norad funding.	2013 – 2018	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 – 2019	REALTEK*, Harsha Ratnaweera
	Thailand	Khon Kaen University, Khon Kaen	NFR/FRIPRO project: DENGUE-INDEX project	2016 - 2019	REALTEK*, Hans Overgaard
		Asian Institute of Technology	NFR/FRIPRO funded: DENCLIM project	2018 - 2021	REALTEK*, Hans Overgaard
EUROPE		>16 countries	FPS COST Action FP1306: Valorisation of lignocellulosic biomass side streams for sustainable production of chemicals, materials & fuels using low environmental impact technologies.	2014 - 2018	KBM*, Yngve Stenstrøm
		>15 countries	CMST COST Action CM1407: Challenging organic syntheses inspired by nature – from natural products chemistry to drug discovery.	2015 - 2019	KBM*, Yngve Stenstrøm
		25 countries	COST Action 1402: Improving Allergy Risk Assessment Strategy for New Food Proteins (impARAS)	2014 - 2018	KBM*, Tor Lea
		26 countries (main partner: University of Copenhagen)	COST Action FA 1308 Dairy Care : http://www.cost.eu/domains_actions/fa/Actions/FA1308	2014 - 2018	BIOVIT/IHA*, Knut Bøe
		27 countries	COST Action CA 16106 Ammonia and Greenhouse Gases Emissions from Animal Production Buildings	2017 - 2021	BIOVIT/IHA*, Egil Prestløkken
		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 - 2018	VET/MatInf*, Lucy Robertson
		19 partners. Coordinator: University of Tras-os-Montes and Alto Douro, CITAB, Portugal	FP7-KBBE-2013-7- GA 613781-SME-EUROLEGUME	2014 - 2018	BIOVIT/IHA*, Egil Prestløkken
		26 partners. Coordinator: Nofima	FP7-KBBE-2013-7- GA 613611-FISHBOOST	2014 - 2018	BIOVIT/IHA*, Theo Meuwissen
		15 partners	Co-operation Agreement - Center for Genomic Selection in Animals and Plants – GenSAP. Danish Council for Independent Research and Strategic Research.	2014 - 2018	BIOVIT/IHA*, Theo Meuwissen
		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 Eijsink
			FP7 MicroDE – ERC starting Grant. Interpreting the irrecoverable microbiota in digestive ecosystems. Website: https://www.nmbu.no/en/projects/node/30630	2014 - 2019	KBM, Phil Pope
		Network of 45 countries	ISEKI-Food Association – Integrating Safety and Environment Knowledge In Food towards European Sustainable Development	Ongoing	KBM*, Trude Wicklund
		Nordic Forest Research (SNS)	FiberTies – Nordic Network on biofibres – Financed by Nordic Forest research (SNS) and Nordic joint Committee for Agricultural and Food Research (NJK).	2015 - 2018	KBM*, Vincent Eijsink
		7 partners, 4 countries (Norway, Germany, Austria, Netherlands)	ERA-IB – Chitotex – Development and production of new insect chitosan and chitosan based functional coatings for yarns and textile fabrics.	2014 - 2018	KBM*, Vincent Eijsink
		INTERREG. Province of Groningen The Netherlands, Foundation De	Salfar Saline Farming - Innovative agriculture to protect environmental and	2017 - 2022	MINA*, Åsgeir Almås

		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.	economic growth.		
		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. of Duisburg Essen Germany, IRSTEA Lyon, France	OSCAR (<i>Effekter av kantsoner langs vassdrag</i>)	2017 - 2020	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	FORCLIMIT Mobilizing and Monitoring Climate Positive Efforts in Forests and	2017 - 2020	MINA*, Erik Næsset

		Institute; Wageningen University, Netherlands; Transylvania University of Brasov, Rumania; SLU; US Forest Service	Forestry		
		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
		10 partners, 6 countries. (Uniwersytet Warmińsko-Mazurski W Olsztynie, Poland; Hochschule Ostwestfalen-Lippe, Germany; Ukrainian State University of Chemical Technology, Ukraine; National Technical University of Ukraine, Ukraine: Cherkassy State Technological University, Ukraine, University of Jaffna, Sri Lanka; University of Peradeniya, Sri Lanka; Qingdao Technological University, China)	Erasmus+ CBHE, research and education. Funded by Erasmus+ EACEA	2015 - 2018	REALTEK*, Harsha Ratnaweera
		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,	Water Harmony II. Funded by the Norwegian Centre for International Cooperation in Education (SIU), Eurasia programme. Educational cooperation.	2015 – 2019	REALTEK*, Harsha Ratnaweera

		Kazakhstan: Mining-metallurgical institute of Tajikistan, Tajikistan: Tajik Technical University, Tajikistan: Technological University of Moldova, Moldova: Kyrgyz National University, Kyrgyzstan).			
		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*, Inger-Lise Saglie
		Nordic and Baltic countries	SNS ('Samnordisk skogsforskning'). Funding for conferences, network activities. Forest economy.	Ongoing	MINA*, Sjur Baardsen
		Ireland, Finland, Germany, Romania, Sweden, Norway	JPI Water ABAWARE	2017 - 2018	VET Matinf*, Henning Sørum
	Austria	Boku University, Vienna	Bilateral agreement, research/PhD exchange	Ongoing	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
	Croatia	University of Osijek	Institutional collaboration; research, student exchange, etc.	2018 - 2020	MINA* Sjur Baardsen
	Czech Republic	Global Change Research Centre, Brno	CzechAdapt – System for Exchange of Information on Climate Change Impacts, Vulnerability and Adaptation Measures on the Territory of the Czech Republic. Funded by the Financial Mechanisms EED/Norway	2015 – 2018	BIOVIT/IPV*, Arne Skjelvåg
	Denmark	Aarhus University; Agricultural University of Iceland; Lithuanian	Research: Perennial Ryegrass, Public and private funding	2015 - 2020	BIOVIT/IPV*, Odd Arne Rognli

		Research Centre for Agriculture and Forestry; Latvia University of Agriculture; Graminor AS, Boreal Plant Breeding; DLF Trifolium; Lantmännen ek för; Estonian Crop Research Institute			
		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	NFR project – BIO-Mim, 243663	2014 – 2018	KBM*, Vincent Eijsink
		Technical University of Denmark (DTU)	Matfond agreement	2015 - 2018	VET/Matinf,*, Mette Myrmel
	Finland	European Forest Institute	Multilateral collaboration	Ongoing	MINA*, Alexander Moiseyev
		University of Helsinki, University of Lapland, University of Oulo, Natural Resources Institute Finland, 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)	Reindeer husbandry in a Globalizing North, adaptations and pathways for actions (NordForsk)	2016 – 2020	BIOVIT/IHA*, Øystein Holand
		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 - 2018	BIOVIT/IHA*, Laila Aass
		LUKE, Finland	Scenoprotein, Finish research Council funded	2016 - 2019	KBM*, Gerd Vegarud and Tove Devold
		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
	France	INRA, Paris and in 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	2014 – 2018	BIOVIT/IHA*, Margrete Eknæs

			improved feed utilization.		
		Institut de Radioprotection	EST-15/1/212 3E-GEN Effects of Chronic Exposure	2016 - 2019	MINA*, Dag Anders Brede
		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); Italy: Sapienza University of Rome.	EU H2020 ABC-Salt	2018 - 2021	REALTEK*, Espen Olsen and Ruth Heidi Samuelsen Nygård
		Pasteur Institute, Paris	NFR/FRIPRO project: DENCLIM project	2018 - 2021	REALTEK*, Hans Overgaard
	Germany	Thünen-Institut für Agrarklimaschutz, Braunschweig	Research project “Role of fungal denitrification for N2O fluxes from soils”. Funded by German Research Council	2014 - 2018	KBM*, Åsa Frostegård
		Philipps-Universität Marburg (other partners in project: VIB vzw, Belgium; Queen’s University, New Zealand, Membrane Protein Laboratory, U.K.)	Norwegian Research Council (NFR) funded. NFR-240343/F20– Using the moss <i>Physcomitrella patens</i> as a tool to understand the role of DEK1 in plant body patterning and evolution.	2015 - 2018	BIOVIT/IPV*, Odd-Arne Olsen
		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

		Julius-Kuhn Institute	NFR project “Resistance to Fusarium langsethiae in Norwegian oats – SafeOats”	2016 - 2019	BIOVIT/IPV, Morten Lillemo
	Ireland (and Canada)	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 - 2018	BIOVIT/IHA*, Simen Sandve
		National Institute for Public Health and Environment, Centre for Nutrition, Prevention and Health Services	Research collaboration/RCN-Bionær: Farm based dementia care.	2016 - 2020	LANDSAM/ Dept of Public Health Science, Grete Patil and Ingeborg Pedersen.
		Several partners under the Tuberculosis Vaccine Initiative (TBVI), coordinated in the Netherlands	Globvac-funded NFR project, 234502	2014 - 2019	KBM*, Vincent Eijsink
	Scotland	University of Edinburgh	Institutional cooperation agreement on research, teaching and supervision	Ongoing	BIOVIT/IHA*, Theo Meuwissen
	Spain	University of Oviedo (others partners in project: SLU, Sweden, NIBIO, Norway)	Norwegian Research Council (NFR) funded. NFR-240766 – Dissection of an epigenetic memory mechanism modulating adaptive phenological traits in trees.	2015 - 2018	BIOVIT/IPV*, Jorunn Olsen
		University of Barcelona	“Matfond” agreement	2015 - 2018	VET/Matinf*, Mette Myrmel
		CEBAS-CSIC in Murcia	“Matfond” agreement. Para-Berry.	2017 - 2020	VET/Dept. of Food Safety and Infection Biology (Matinf)*, Lucy Robertson, Kristoffer Tysnes
	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 - 2018	KBM*, Vincent Eijsink & Svein Horn
		Karolinska Institute, Stockholm	RFFHovedstaden SLARBIS	2016 - 2018	VET/Matinf*, Henning Sørum
		Umeå University	NFR/FRIPRO project: DENCLIM project	2018 - 2021	REALTEK*, Hans Overgaard
	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 Plesser and Gaute Einevoll
	Ukraine	Ukrainian State University of Chemical Technology (together with Kazakhstan and Tajikistan)	Funded by the Norwegian Centre for International Cooperation in Education (SIU), Eurasia programme. Educational cooperation	Ongoing	REALTEK*, Harsha Ratnaweera
			CPEA-2015/10108 - Joint Ukrainian-Norwegian education programme. Funded by SIU.	2016 - 2020	MINA*, Ole Christian Lind
	U.K.	International Institute of Environment and Development (IIED), London	Poverty and sustainable development impacts of REDD architecture	Ongoing	LANDSAM/Noragric*, Arild Vatn
		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 - 2018	BIOVIT/IPV*, Morten Lillemo
		University of Edinburgh	Institutional cooperation agreement on research, teaching and supervision	Ongoing	BIOVIT/IHA*, Theo Meuwissen
		Sainsbury Laboratory, Norwich Research Park	GENEinnovate IPN prosjekt	2018 - 2021	BIOVIT/IPV*, Trine Hvoslef-Eide
		London School of Hygiene and Tropical Medicine	NFR/FRIPRO project: DENGUE-INDEX project. ABCDR-project	2016 - 2019 2012 - 2018	REALTEK*, Hans Overgaard
	UK, Italy,	University of Bristol, Neiker	NFR Bionær – ANIHW Integrated	2016 - 2019	BIOVIT/IHA*, Ruth

	others	Techinala, Campus Agroalimentario de Arkaute (5 partmers)	Broiler Data – joint collection, storage of data in a joint database for Broiler data.		Newberry
		University of Lincoln	Collaboration agreement, internally funded.	Ongoing	REALTEK*, Pål Johan From, Morten Lillemo
		London School of Hygiene and Tropical Medicine	NFR/GLOBVAC: ABCDR project	2013 - 2018	REALTEK*, Hans Overgaard
		London School of Hygiene and Tropical Medicine	NFR/FRIPRO: DENGUE-INDEX project	2016 - 2019	REALTEK*, Hans Overgaard
LATIN AMERICA	Brazil	UNESP (Universidade Estadual Paulista), Brasil	General MoU: Research, education, cooperation/ exchange, project development, see 15/02718-3	2015 - 2020	MINA*, Torbjørn Haugaasen
		Centro Nacional de Pesquisa e Conservacao de Mamiferos Carnivoros (CENAP/ICMBIO), Brasil	Collaborative programme of research, training, institutional development, dissemination of information and exchange of research students and staff, see 15/02718-1	2015 - 2020 (possible extension for additional 5-year periods)	MINA*, Torbjørn Haugaasen
		PUC (Pontifical Catholic University of Rio de Janeiro)	SIU – 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
		University of Sao Paulo, Dept. of Entomology and Acarology – College of Agriculture.	Joint call between SIU and CAPES, Exchange of master students, facilitation of students work in R&D.	2017 - 2018	BIOVIT/IPV*, Richard Meadow
	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 Hvoslef-Eide
NORTH AMERICA	Canada	Univ. of British Columbia and several others: http://ibis.geog.ubc.ca/itex/	The International Tundra Experiment: network of researchers examining the impacts of warming on tundra ecosystems. Research teams at more than two dozen sites throughout the world carry out similar, multi-year manipulation	Ongoing	MINA*, Kari Klanderud

			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 – 2018+	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
	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
	USA	University of Minnesota (NOCC collaboration agreement)	Research projects, student exchange (Tripartite agreement between UMN, NMBU, UiO).	2015 - 2018	Coordinated by NMBU’s Dept. of Research, Innovation and External Cooperation, Ragnhild Solheim/Joanna Boddens-Hosang
		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
		Idaho State University	Decision making support for forest ecosystem services in Europe Funding: EU via NFR. Arkiv 16/04812.	2018 - 2019	MINA*, Birger Solberg
			Research project: NOCC - Real-Time Robotic Sensing and Manipulation for Fruit Picking	2016 - 2018	REALTEK*, Pål Johan From
		Baldwin Wallace University, Berea, Ohio	NFR/FRIPRO project: DENCLIM project	2018 - 2021	REALTEK*, Hans Overgaard
			NORPART programme (funded by SIU). Academic cooperation on sustainable,	2017 - 2021	MINA*, Jan Mulder

			climate smart agriculture		
		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.	2018	LANDSAM/Noragric*, Katharina Glaab
		(same)	Collaboration project in research and education with the American University's School of International Service (SIS). Funded by SIU, Partnership programme with North America.	2017 - 2020	LANDSAM/Noragric*, Shai Divon
		College of Natural Resources and Environment at Virginia Tech	NFR project Bio-Mim, 243663	2014 - 2018	KBM*, Vincent Eijsink

***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