



International academic (research) collaboration at NMBU *(January 2024)*

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/countries	University/partners	Type of agreement/Funding source	Duration	NMBU Faculty/Department, contact person
AFRICA	Democratic Republic of Congo	Université Officielle de Bukavu (Official University of Bukavu)	Memorandum of Understanding (MoU)	2021 - 2025	LANDSAM/Noragric*, Aida Cuni-Sanchez
	Ethiopia	Hawassa University (+ Mekelle University)	Institutional collaboration, Phase V. Funding: Royal Norwegian Embassy, Ethiopia	2022 - 2027	NMBU Research Dept. (contact: Joanna Boddens-Hosang) + MINA (academic coordinator Sam Adaramola)
		Dilla University and Wondo Genet College of Forestry and Natural Resources, Hawassa University	NORHED-II, Capacity Building in Renewable Energy Research and Education in Ethiopia. Funded by Norad (Norwegian Agency for Development Cooperation)	2021 - 2026	MINA*, M. Samuel Adaramola
	Ethiopia, Norway	Jimma University, Kotebe University of Education, Bahir-Dar University, University of South-Eastern Norway	NORPART funding. Capacity Building in Integrated Water, Sanitation and Hygiene for One Health	2022 - 2026	MINA*, Manoj Pandey
	Ethiopia, Sweden	NIBIO, Swedish University of Agricultural Sciences, NorgesVel, Bahir-Dar University (BDU) Amhara Regional Agricultural Research Institute	NFR: FoodsecURe: Food security through better sanitation: the case of urine recycling	2023 - 2027	VET/Parafag, Lucy Robertson

	Ethiopia, South Sudan, Uganda, Zambia	Wondo Genet College of Forestry and Natural Resources, Hawassa University (other partners: University of Juba, South Sudan; Makerere University, Uganda; Gulu University, Uganda; University of Zambia, Zambia)	NORHED-II, Climate Smart Agriculture in Sub-Saharan Africa (ClimSmart). Funded by Norad (Norwegian Agency for Development Cooperation)	2021 - 2026	MINA*, Vegard Martinsen
	Ethiopia, Kenya	Mekelle University, Hawassa University (other partners: CICERO, World Agroforestry Centre, Kenya)	NFR/NORGLOBAL2	2020 - 2025	MINA*, Meley Rannestad
	Ethiopia, Australia, Netherlands	Mekelle University (other partners: University of Queensland, Wageningen Univ..)	NFR/NORGLOBAL2 (“Youthbus”)	2020 – 2023/2024	HH*, Stein Holden
	Ethiopia, Ghana, Kenya, Rwanda, South Sudan, Uganda	University of Bergen, Norway; NTNU, Norway; Addis Ababa University, Ethiopia. University of Ghana; University for Development Studies, Ghana; University of Nairobi, Kenya; Machakos University, Kenya; University of Rwanda; University of Juba, South Sudan; Makerere University, Uganda.	NORHED II - Water Essence Africa (project coordinator: University of Bergen). Funded by Norad (Norwegian Agency for Development Cooperation)	2021 - 2026	REALTEK*, Harsha Ratnaweera
	Ghana	University of Ghana; University for Development Studies; Kwame Nkrumah University of Science and Technology (other partner: University of Lagos, Nigeria)	NORHED-II, Capacity Building in Aquatic and Environmental Health in West Africa. Funded by Norad (Norwegian Agency for Development Cooperation)	2021 - 2026	VET/Parafag*, Øystein Evensen
	Kenya	University of Nairobi; Mbeya University of Science and Technology; Egerton University; (other partners: Lilongwe University of Agriculture and Natural Resources (LUANAR), Malawi; University of Eduardo Mondlane, Mozambique;	NORHED-II, Enhanced Capacity for Aquatic Resources in East and South Africa. Funded by Norad (Norwegian Agency for Development Cooperation)	2021 - 2026	VET/Parafag*, Stephen Mutoloki

		University of Dar es Salaam, Tanzania; Makerere University, Uganda; University of Zambia, Zambia)			
		Moi University	DIKU/NORPART. Strengthening education, research and innovation capacity in sustainable energy for economic development	2021 - 2027	MINA*, Muyiwa Samuel Adaramola
	Malawi	Lilongwe University of Agriculture and Natural Resources (LUANAR)	NORHED II, SMARTEX project. Funded by Norad (Norwegian Agency for Development Cooperation)	2021 - 2024	HH*, Stein Holden
		Lilongwe University of Agriculture and Natural Resources (LUANAR)	<i>NORHED-II, see under Kenya</i>	<i>2021 - 2026</i>	<i>VET*, Stephen Mutoloki</i>
		Lilongwe University of Agriculture and Natural Resources (LUANAR)	Sustainable Food Systems in Malawi (FoodMa) programme, funded by Royal Norwegian Embassy, Malawi	2021 - 2024	LANDSAM/Noragric*, Lars Olav Eik
		Department of Agricultural Research Services, Lilongwe University of Agriculture and Natural Resources (LUANAR). Other partners: Makerere University (UG), Maseno University (KE)	Building Capacity for Innovation and Advancement of Climate Smart Agriculture in East and Southern Africa. Funded by DIKU/NORPART.	2021 - 2027	HH*, Roberto Garcia
	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
		Université des Lettres et des Sciences Humaines de Bamako (ULSHB)	MoU	2023 - 2028	LANDSAM/Noragric*, Tor A. Benjaminsen
	Mozambique	University Eduardo Mondlane (other partners: International Center for Climate Change and Development, Bangladesh; Pokhara	NORHED-II, COLOCAL project. Funded by Norad (Norwegian Agency for Development Cooperation)	2021 - 2026	LANDSAM/BYREG *, Matthew Cashmore

		University, Nepal; Makerere University, Uganda)			
		University of Eduardo Mondlane	<i>NORHED-II, see under Kenya</i>	2021 - 2026	<i>VET*</i> , Stephen Mutoloki
	Niger	Institut National de la Recherche Agronomique du Niger (INRAN) + CARE	Research/development project funded by Norwegian Ministry of Foreign Affairs: REDSAACC II, Food security and adaptation to climate change in rural Niger. <i>Projet de recherche et développement pour la sécurité alimentaire et l'adaptation aux changements climatiques des systèmes ruraux de production au Niger</i>	2021 - 2026	LANDSAM/Noragric*, Jens B. Aune
	Nigeria	University of Lagos	<i>NORHED-II, see under Ghana</i>	2021 - 2026	<i>VET*</i> , Øystein Evensen
	South Africa	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	<i>NORHED-II, ClimSmart project, see under Ethiopia</i>	2021 - 2026	<i>MINA*</i> , Vegard Martinsen
	Tanzania	St. John's University of Tanzania	Institutional collaboration	2019 - 2024	LANDSAM/Noragric*, Tor A. Benjaminsen
		University of Dar es Salaam	<i>NORHED-II, see under Kenya</i>	2021 - 2026	<i>VET*</i> , Stephen Mutoloki
		University of Dar es Salaam (other partner: Makerere University Business School, Uganda)	NORHED-II, Energy Economics, Governance and Research Competence Building (EEGREC). Funded by Norad (Norwegian Agency for Development Cooperation)	2021 - 2026	HH*, Olvar Bergland
	Uganda	Centre for African Research-Northern Uganda Research Centre, Gulu University, Makerere University	DIKU/NORPART. Partnership for Education in Refugee-Host Contexts: Joint learning towards food security and sustainable development in Uganda	2021 - 2027	LANDSAM/Noragric*, Darley Jose Kjosavik
		Makerere University Business School (MUBS)	<i>NORHED II, EEGREC project, see under Tanzania</i>	2021 - 2026	<i>HH*</i> , Olvar Bergland
		Makerere University	<i>Partner in three NORHED-II projects, see under Kenya, Mozambique</i>	2021 - 2026	<i>VET*</i> , Stephen Mutoloki; <i>LANDSAM*</i> , Matthew

			<i>(COLOCAL) and Ethiopia/Wondo Genet College (ClimSmart)</i>		<i>Cashmore; MINA*, Vegard Martinsen</i>
		Makerere University. Other partners: Mbeya University of Science and Technology (TZ), University of Dar es Salaam (TZ), University of Zambia (ZM)	DIKU/NORPART. Promoting Sustainability of Higher Education through Global Collaboration, Student Program Development, Mobility and Training (EDUPROMO)	2021 - 2027	VET/PRODMED, Mette Helen Müller
	Zambia	University of Zambia	<i>Partner in two NORHED-II projects, see under Kenya and Ethiopia/Wondo Genet College (ClimSmart)</i>	<i>2021 - 2026</i>	<i>VET*, Stephen Mutoloki; MINA*, Vegard Martinsen</i>
	Zambia, Uganda	University of Zambia. Other partners: Norwegian Veterinary Institute; the Arctic University of Norway (UiT); University of Edinburgh, Scotland; Makerere University, Uganda.	DIKU/NORPART. Fostering quality graduate and postgraduate training and research through enhanced academic collaboration and mutual student exchange (Fortecase-project)	2019 - 2024	VET/ProdMed*, Eystein edupromo
ASIA (incl. Eurasia and Central Asia)	Bangladesh	International Center for Climate Change and Development	<i>NORHED-II, COLOCAL project, see under Mozambique</i>	<i>2021 - 2026</i>	<i>LANDSAM/BYREG*, Matthew Cashmore</i>
	China	Chinese Academy of Sciences (CAS) + USA (University of Michigan and the University of Arizona)	Chinese Academy of Sciences (CAS)	Ongoing	MINA*, Kari Klanderud
		Chinese Academy of Sciences (CAS), Chinese Academy of Fishery Sciences	NFR project “Safe kelp for food and feed – controlling the transfer of iodine and arsenic through the value chain”	2021 - 2024	BIOVIT/IPV*, Åshild Ergon
		Tsinghua University (other partners: Norwegian Geotechnical Institute, NTNU University Museum, section of Natural History; University of Inner Mongolia; Beijing Normal University; Chinese Academy of Agricultural Sciences)	DIKU, UTFORSK programme. SafeGrass: Mercury contamination and food safety in grasslands (UTF-2020/10180)	2021 - 2024	MINA*, Jan Mulder
		East China Normal University	NFR project “Safe and secure food from field to fork: management of	2021 - 2024	BIOVIT/IPV*, Aruppillai Suthaparan

			fungal hazards in horticultural crops via optical based strategies (HortiFood)”		
		Qingdao University of Technology	MoU, incl. research, education, academic exchange	2021 - 2029	REALTEK*, Harsha Ratnaweera
		Chinese Academy of Agricultural Sciences (CAAS), Sichuan Academy of Agricultural Sciences (SAAS)	HVETERUST – Sustainable management of rust diseases in wheat (NFR 301835)	2020 - 2024	BIOVIT/IPV*, Morten Lillemo
		NIBIO, Norwegian Veterinary Institute, Nanjing Agricultural University, Heilongjiang Academy of Agricultural Sciences (HAAS), Columbi Farms AS	NFR: SiNorAMR: Systematic detection and mitigation of antimicrobial resistance in soil environment and animal health	2023 - 2026	VET/Parafag*, Henning Sørum
	China, Mongolia, China, Sri Lanka, Poland and Germany	Qingdao Technological University, China; Shenzhen Institutes of Advanced Technology - Chinese Academy; Inner Mongolia University of Finance and Economics, China; Mongolian University of Science and Technology; National University of Mongolia; University of Warmia and Mazury in Olsztyn, Poland; University of Applied Sciences and Arts in Lippe, Germany; University of Peradeniya, Sri Lanka; Raja Rata University of Sri Lanka; South Eastern University of Sri Lanka.	Erasmus+, CC WATER- Graduates for Climate Change adapted water management	2020 - 2024	REALTEK*, Harsha Ratnaweera
	Nepal	Pokhara University	<i>NORHED-II, COLOCAL project, see under Mozambique</i>	2021 - 2026	<i>LANDSAM/Byreg*, Matthew Cashmore</i>
	Russia	Tambov State University, Department of Mathematics, Physics and Informatics	Institutional Agreement, academic cooperation (on hold)	(Ongoing agreement, on hold)	REALTEK*, Arkadi Ponossov
		Perm State University, Department of Mechanics and Mathematics	Institutional Agreement, academic cooperation (on hold)	(Ongoing agreement, on hold)	REALTEK*, John Wyller and Arkadi Ponossov

EUROPE		27 countries	CA19139 - Process-based models for climate impact attribution across sectors https://www.cost.eu/actions/CA19139	2020 - 2024	REALTEK*, Harsha Ratnaweera
		29 countries	CA19123 - Protection, Resilience, Rehabilitation of damaged environment https://www.cost.eu/actions/CA19123	2020 - 2024	REALTEK*, Zakhar Maletskyi
		32 countries	CA22146 / Harnessing the potential of underutilized crops to promote sustainable food production (DIVERSICROP)	2023 - 2027	BIOVIT*, Åshild Ergon
		15 countries	CA22129 / InsectAI - Using Image-based AI for Insect Monitoring & Conservation (InsectAI)	2023 - 2027	BIOVIT*, Sahameh Shafiee
		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 - 2024	BIOVIT/IPV*, May Bente Brurberg
		Network of 11 countries	H2020. 3d'omics	2021 - 2025	KBM*, Phil Pope
		European Molecular Biology Laboratory (EMBL-Heidelberg), Germany; University of Lausanne, Switzerland.	JPIAMR-funded consortium project	2019 - 2024	KBM*, Morten Kjos
	Several countries	21 European partners of which 7 are beneficiaries. MINA coordinates	Horizon's Marie Curie Doctoral Network Visitor monitoring and management in protected and recreational areas: new challenges, novel solutions for the Anthropocene (VIMAS)	2023 - 2027	MINA*, Øystein Aas
	Several countries	Luleå tekniska universitet, Coordinator, Versuchs- und Forschungsanstalt Baden-Württemberg (FVA); Skogsägarna Norra Skog ekonomisk förening; Norwegian University of Life	Wood Artificial Intelligence - Knot modelling by Computed Tomography (WAI-KnotCT)	2023 - 2026	MINA*, Geir Isak Vestøl

		Sciences (NMBU); Technical University of Munich (TUM); The University of British Columbia (UBC)			
	24 European countries	Multiple partners from 24 European countries	COST Action CA22143 - European Materials Informatics Network (EuMINE)	2023 – 2027	REALTEK*, Martin Thomas Horsch
	28 European countries	Multiple partners from 28 European countries	COST Action CA22154 - Data-driven Applications towards the Engineering of functional Materials: an Open Network (DAEMON)	2023 – 2027	REALTEK*, Kristian Berland
	Belgium, Italy, Cyprus, Austria, Turkey, Greece, the Netherlands	Moverim Consulting sprl, Istituto Autonomo case Popolari di Catania, engineering - ingegneria Informatica spa, Deloitte limited, buildings Performance Institute Europe Asbl, pink gmbh - Energie- und Speichertechnik, sampas bilisim ve Iletisim sistemleri Sanayi ve ticaret a.s. Salfo and Associates sa - Engineering & Management Consultants, Timmerfabriek Webo bv	H2020 – 893135- Energy and Seismic Affordable Renovation solutions	2020 - 2024	REALTEK*, Roberto Tomasi
	Germany, Austria, the Netherlands, Hungary, Spain, Switzerland, Belgium	Universitaet Ulm, Universität für Bodenkultur Wien, Wageningen Universiteit, Nemzeti Élelmiszerlánc-Biztonsági Hivatal, Nanoplus Nanosystems and Technologies GmbH, Romer Labs Division Holding GmbH, IRIS Technology Solutions, Sociedad Limitada, Accelopment Schweiz AG, BIGH ANDERLECHT SPRL, Seeberger GmbH, Hahn-Schickard-Gesellschaft für angewandte Forschung e.V.	H2020 - 101016444 - Photonfood	2021 - 2024	REALTEK*, Achim Kohler

		17 European partners	H2020: Mission Soil. SOILS for EUROPE (SOLO)	2022 - 2026	MINA*, Åsgeir Almås
	Italy, Norway, Belgium, Israel	Universita Degli Studi Di Milano (Coordinator), Skretting Aquaculture Research Centre AS, Universiteit Gent, Biofabrics LDA, Israel Oceanographic and Limnological Research Limited	H2020-FETOPEN-2018-2019-2020-01, Fish-AI	2018 – 2024	VET/BASAM*, Trond M. Kortner
	France, Denmark, New Zealand, UK, Israel, Spain, Australia, Italy, Netherlands, Lithuania, Finland, Ireland, Canada, USA, Belgium, Germany	INRAE (France), AU (Denmark), AGR (New Zealand), AFBI (UK), ARO (Israel), BGU (Israel), CSIC (Spain), CSIRO (Australia), EAAP (Italy), EFFAB (The Netherlands), Idele (France), IRTA (Spain), LSMU (Lithuania), LUKE (Finland), NUIG (Ireland), QUB (UK), TEAGASC (Ireland), SRUC (UK), VAL (Canada), UCSB (USA), UGENT (Belgium), UG (Germany), WUR (The Netherlands)	H2020. HoloRuminant	2021 - 2026	BIOVIT*, Phil Pope
	France, Denmark, Italy, Belgium, Spain, Sweden, UK, Netherlands	Institut National de la Recherche pour l'Agriculture, l'Alimentation et l'Environnement (INRAE), France; Eliance (Ex-Allice) (ELIANCE), France; Aarhus Universitet (AU), Denmark; Danmarks Tekniske Universitet (DTU), Denmark; Federazione Europea di Zootechnia (EAAP), Italy; European Forum of Farm Animal Breeders (EFFAB); Université de Liège (GIGA), Belgium; Institut de l'Elevage	RUMIGEN, H2020-SFS-2018-2020	2021 - 2025	BIOVIT*, Theo Meuwissen; VET/PrePat*, Michael Tranulis

		(IDELE); Instituto Nacional de Investigación y Tecnología Agraria y Alimentaria (INIA); Instituto Regional de Investigación y Desarrollo Agroalimentario y Forestal (IRIAF); Sveriges Lantbruksuniversitet (SLU) INRAE Transfert (IT); Roslin Institute, Edinburgh University (UEDIN); Valogène (VLG); Stichting Wageningen Research (WR); Wageningen University (WUR)			
	Germany, France, Czech Republic, Netherlands, Portugal	Leibniz University Hannover, French National Research Institute for Agriculture, Food and Environment, University of South Bohemia, Wageningen University & Research, French Poultry and Aquaculture Breeders Technical Center, National Institute of Agricultural and Veterinary Research, IMV Technologies	HORIZON-MSCA-DN-2021 CryoStore	2023 - 2028	VET/ProdMed*, Ian Mayer
	Germany, U.K., Thailand, Sweden	Universitätsklinikum Heidelberg University; Leibniz Institute for Zoo and Wildlife Research; Queen Mary University of London; Chulalongkorn University; Khon Kaen University; Mahidol University; Umeå University	HORIZON-HLTH-2022-DISEASE-07. Pandemic literacy and viral zoonotic spill over risk at the frontline of disease emergence in Southeast Asia to improve pandemic preparedness (PANDASIA)	2023 - 2027	REALTEK*, Hans Jørgen Overgaard
	Sweden, Estonia, Latvia, Norway	SLU/Sweden; Linnaeus University/Sweden; Estonian University of Life Sciences; Latvian University of Life Sciences & Technology; Ard Innovation/Norway; Baltic Innovation Agency	European Institute of Innovation and Technology (EIT) HEI-Initiative. EU-funded. NOBALIS project.	2022 - 2024	NMBU Dept. of Research and Innovation/Solveig Fossum-Raunehaug

	Germany, Cyprus, Turkey, Belgium, Romania	Doscon (NO), Europäische Vereinigung für Wasserwirtschaft EV, I.A.CO environmental and water consultants LTD, Istanbul, Teknik, Universitesi, Katholieke Universiteit Leuven, MCTA LTD, Smarttech Automotion SRL	Erasmus+ KA2 - DIGIWATER - 621764	2021 - 2024	REALTEK*, Harsha Ratnaweera
	U.K., Portugal	Lincoln University, UK; INIAV Portugal	SOILSALADAPT Preadapting soil biology for increased tolerance to elevated salinities due to climate change. EJP soil co-funding EU via NFR.	2022 - 2025	MINA*, Åsgeir Almås
		13 partners worldwide	TRUESOIL: True SOC sequestration: understanding trade-offs and dynamic interactions between SOC stocks and GHG emissions for climate-smart agrisil management. EJP soil co-funding EU via NFR.	2022 - 2025	MINA*, Peter Doersch
		Boku University, Vienna	Collaborating partner in the project “The social equity of Nature based solutions”, funded by WWTF Vienna	2021 - 2024	LANDSAM/BYREG*, Roberta Cucca
	Baltic collaboration: Latvia, Lithuania, Estonia	University of Latvia; Lithuanian Research Centre for Agriculture and Forestry; Tallinn University of Technology	Improving adaptability and resilience of perennial ryegrass for safe and sustainable food systems through CRISPR-Cas9 technology - EditGrass4Food	2021 - 2024	BIOVIT/IPV*, Odd Arne Rognli
	Croatia	University of Zagreb, Faculty of Science (PMF)	EEA grants - Empowering the Water-Energy-Food Nexus by incorporating biodiversity and climate awareness (WatNex)	2023 - 2024	REALTEK*, Agnieszka Cyprus
	Czech Republic, Slovakia, Germany	Brno University of Technology, Westfälische Wilhelms-Universität Münster, Slovak University of Technology, Bratislava, Natures Beta Glucan	NFR -301834 - Multifunctional high-value fungal biomass from the Norwegian agriculture supply chain by-products	2020 - 2024	REALTEK*, Volha Shapaval

	Denmark	University of Copenhagen	NFR 237841/O30 Foods of Norway	2015 – 2024	BIOVIT/IHA*, Margareth Øverland
		University of Copenhagen	Nordic Landscape and Welfare Network	2022 - 2024	LANDSAM/ILA*, Maria Gabriella Trovato
		University of Copenhagen, NIVA	NFR funded. SPARE project (Space for resilience) 210228 - how do we plan for stormwater, biodiversity and recreation to increase urban resilience?	2021 - 2025	LANDSAM/ILA*, Jorg Sieweke
		Aarhus University	NFR project “Sustainable management of rust diseases in wheat”	2020 - 2024	BIOVIT/IPV*, Morten Lillemo
		University of Southern Denmark, Norwegian Institute of Public Health	NFR. Co-Creating Public Health	2021 - 2025	LANDSAM*/FOHE, Ingeborg Pedersen
		Novo Nordisk Fonden	FunAccess: Leveraging the Mechanisms by which Fungi Increase Plant Cell Wall Accessibility to Unlock the Industrial Valorization Potential of Plant Biomass	2020 - 2025	KBM*, Aniko Varnai
		Novo Nordisk Fonden	DENITRO: Oxidative Polysaccharide Conversion in Anoxia by Denitrifying Organisms	2020 - 2025	KBM*, Magnus Arntzen
		Danmarks tekniske universitet (DTU)	NFR 308819 - Healthy Energy-efficient Urban Home Ventilation	2020 - 2024	REALTEK*, Tormod Aurlen
	Denmark, Norway	Aalborg University, Agder University, Telemark Research Institute	SECPLAN - Planning for Sustainable Second-Home Development	2021 - 2025	LANDSAM/BYREG*, Jin Xue
	Denmark, France, Germany, Israel, Norway	Aalborg University, University of Rennes, Normandy Chair for Peace, Oldenburg University, Samuel Neaman Institute for National Policy Research, TØI	NFR, LANDTIME - The Planning and Building Act between market demand, land policy, sustainability, temporality, and intergenerational justice	2021 - 2025	LANDSAM*/EIEJUS, Knut Boge

	Estonia	University of Tartu, Priit Valjämäe	Bilateral collaboration	Ongoing	KBM*, Morten Sørleie & Vincent Eijsink
	Finland	European Forest Institute	Multilateral collaboration	Ongoing	MINA*, Alexander Moiseyev
		University of Lapland/ Arctic Centre (consortium of 21 institutions)	EU Research and Innovation action/ EU H2020	2020 - 2024	LANDSAM/Noragric*, Andrei Marin
		Natural Resources Institute Finland (LUKE); Wageningen University & Research, the Netherlands; NIBIO, Norway.	NFR/Bionær	2020 – 2024	MINA*, Tron Eid, Terje Gobakken, Maarit Kallio, Hans Fredrik Hoen, Torjus F. Bolkesjø, Per Kr. Rørstad
	Finland	University of Eastern Finland	Academy of Finland 339130. A novel infrared spectroscopic and modelling approach for on-line monitoring and control of cartilage tissue growth in a bioreactor	2021 - 2024	REALTEK*, Achim Kohler
	Finland, Netherlands and Norwegian partners	Finnish Environmental Institute, Erasmus University, TØI	NFR. ReShare - Resource sharing in residential buildings: Innovative approaches to shared, circular mobility & space solutions for sustainable consumption	2022 - 2026	LANDSAM*/BYREG, Mina di Marino
	France	Parc national des Ecrins (PNE)	Mountain Hare OPSCR	ongoing	MINA*, Pierre Dupont
	Germany	Max Planck Institute for Chemical Energy Conversion, Mulheim	ERC Synergy Grant “Unravelling the secrets of Cu-based catalysts for C-H activation (CUBE)”	2020 - 2026	KBM*, Vincent Eijsink
		University of Oldenburg	NFR: RUVIVAL (RUral VItalization through Various Adaptations of cultural heritage and Landscape)	2021 - 2025	LANDSAM/BYREG*, Knut Bjørn Stokke
		Universität Bonn, (in Norway: NTNU, OSC, NINA, Stranda commune, Fjord commune, Statsforvalteren in Møre og Romsdal, Møre og Romsdal fylkeskommune, Ålesund Kunnskapspark, Stiftelsen Geirangerfjorden verdsarv).	NFR 320627, kompetanse og samarbeidsprosjekt, TwinFjord WP3	2021 - 2024	LANDSAM/ BYREG*, Marius Grønning (WP leader)

	Germany, Belarus, USA	Ruhr-University Bochum, United Institute of Informatics Problems, Belarus National Academy of Sciences, Wesleyan University	NFR 289518 - DeepHyperSpec	2019 - 2024	REALTEK*, Achim Kohler
	Germany, Thailand, Laos	Universitätsklinikum Heidelberg (Germany), University of Health Sciences (Laos), Chulalongkorn University (Thailand), Khon Kaen University (Thailand), Mahidol University (Thailand)	VW foundation - Preventing pandemic risk by improving pandemic literacy among communities at the frontline of disease emergence in Southeast Asia (PANDA)	2023 - 2027	REALTEK*, Hans Overgaard
	Germany, Turkey, Belgium, Cyprus, Romania	University of Applied Sciences and Arts-Lippe (DE), Istanbul Technical University (TR), KU Leuven (BG), University of Cyprus, University of Galati (RO)	Digitalization of water industry by innovative graduate water education – DIGIWAT. EU Erasmus+ Knowledge Alliances	2020 - 2024	REALTEK*, Harsha Ratnaweera
	Germany, Spain, UK	Nanoplus Nanosystems and Technologies GmbH, Universitat Politècnica de València, OptoPrecision GmbH, Ulm University Institute of Analytical and Bioanalytical Chemistry, Lincoln Institute for Agri-Food Technology	NFR 309259 - SFI Digital Food Quality	2020 - 2025	REALTEK* – Achim Kohler
	Greece	University of Athens, University of Western Macedonia, Souli Municipality.	Smartwater Souli	2022 - 2024	REALTEK*, Harsha Ratnaweera
	Iceland	Matis - Icelandic Food and Biotech R&D PISCADA AS Lerøy Seafood Group AS ÅKERBLÅ AS SINTEF DIGITAL → SINTEF AS	NFR/HAVBRUK: Causal categorisation of mortality as a model system for sustainable growth and increased value creation in aquaculture (SalmonHealthValue)	2023 - 2026	VET/ProdMed*, Marit Stormoen
	Italy	University of Turin	ERC Synergy Grant “Unravelling the secrets of Cu-based catalysts for C-H activation (CUBE)”	2020 - 2026	KBM*, Vincent Eijssink

	Italy, Finland, Denmark, Slovenia, Bulgaria, Romania	12 partners	SusCrop ERA-NET: Diversilience - Diversifying organic crop production to increase resilience	2021 - 2024	BIOVIT/IPV*, Åshild Ergon
	Malta, Czech Republic, Serbia, Turkey, Italy, Finland, Norway, Ireland, Netherlands, Germany	Malta College of Arts and Science Technology (MCAST); Mendelova Univerzita v Brne (MENDELU), Czech Rep.; Univerzitet U Nisu – (UNI), Serbia; Dokuz Eylul Universitesi (DEU-DESUM), Turkey; Universita Degli Studi Mediterranea di Reggio Calabria (UNIRC), Italy; Turun Ammattikorkeakoulu Oy (TUAS), Finland	EU - HE - 101071306- Waterline	2022 - 2024	REALTEK*, Zakhar Maletskyi
		Technical University (TU) Delft; Vrije Universiteit Amsterdam	Novo Nordic Foundation, Emerging Investigator Grant (“AnaPro”)	2021 - 2025	KBM*, Linda Bergaust
	Poland	International Institute of Molecular and Cell Biology, Warsaw	NFR program POLNOR https://www.ncbr.gov.pl/en/programmes/international-programmes/iii-edition-of-eea-and-norway-grants/polnor-2019-call/	2020 - 2024	KBM*, Morten Kjos
	Portugal	Associação Colab4Food - Laboratório Colaborativo para a Inovação da Indústria Agroalimentar	EEA grants - SHAPING - Sustainable and techno-economic digital models of prominent food technologies	2023 - 2024	REALTEK*, Jorge Marchetti

	Portugal, Argentina	Instituto Superior de Engenharia de Lisboa (ISEL), Universidad Nacional del Sur (UNS)	EU HORIZON MSCA SE - 101086363 UNPRECEDENTED - Unrevealing the mechanisms involved when producing biodiesel from waste oil using a combined experimental and theoretical methodology	2023 - 2026	REALTEK*, Jorge Marchetti
	Romania	Universitatea "Dunarea de Jos" din Galati	EEA - DIGIWATER RO (ESAYEP)	2021 - 2024	REALTEK*, Harsha Ratnaweera
	Serbia, Austria, Spain, Bosnia and Herzegovina, Albania, Montenegro	Javna Ustanova Univerzitet Crne Gore (Montenegro), Univerzitet U Nisu (Serbia), Universitaet Fuer Bodenkultur Wien (Austria) Sveuciliste U Zagrebu (Croatia), Universidad Rey Juan Carlos (Spain), Technische Hochschule Ostwestfalen-Lippe (Germany), Univerzitet U Sarajevu (Bosnia and Herzegovina), Univerzitet Dzermal Bijedic U Mostaru Sa Supsidijarnom Odgovornoscju Sasjedistem U Mostaru (Bosnia and Herzegovina), Univerzitet U Bihacu (Bosnia and Herzegovina), European Education Initiative (Albania), Universiteti Politeknik I Tiranes (Albania), Universiteti Polis Shpk (Albania), Co-Plan Instituti Per Zhvillimin Habiitatit (Albania), Ekoloski Pokret Ozon (Montenegro), Udruzenje	Erasmus+ project 101081724 - SmartWB - Curricula innovation in climate-smart urban development based on green and energy efficiency with the non-academic sector	2023 - 2025	REALTEK*, Harsha Ratnaweera

		Konsultanata Inzenjera Bosne I Hercegovine (Bosnia and Herzegovina)			
	Slovakia	Univerzita sv. Cyrila a Metoda v Trnave, Voda pre klímu – environmentálne technológie o.z., Maximillian Hell School	Save wetlands together	2021 - 2024	REALTEK*, Elisabeth Iversen
	Slovakia, Greece and other partners	Technical University of Zvolen (SL), Aristotle University of Thessaloniki (Greece), European Landowners Org. (Belgium), On Projects (Spain), Eucaland (Germany), Hof und Leben (Germany) + the Polish Farm Advisory and Training Centre; NIBIO (Norway) and VetAgro Sup (France).	TRANSFARM , Erasmus+ funding	2021 - 2024	LANDAM/ILA*, Kerstin Potthoff
	Sweden	SLU	JUSTCLIME, justice and conflict resource management.	2019 - 2024	LANDSAM/ FOHE*, Siri Eriksen
	Sweden and Denmark	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/SpFaMed*, Karin Hultin Jäderlund/Ane Nødtvedt
		Uppsala University	NFR: WindGov (Land-use change and changing windpower governance: Process, Practices and Pressure)	2021 – 2025	LANDSAM/BYREG*, Knut Bjørn Stokke
		University of Gothenburg	The Swedish Research Council/University of Gothenburg (UGOT) - Transforming matrilineal land rights?, Mozambique	2021 - 2025	LANDSAM/Noragric*, Randi Kaarhus
		Sveriges Lantbruksuniversitet (SLU)	Loss of beef during primary production in Sweden. FORMAS	2021 - 2025	VET/PRODMED*, Ingrid Holmøy
		Sveriges Lantbruksuniversitet (SLU)	SLU/HUV 23777 - FORMAS	2020 - 2024	BIOVIT*, Egil Prestløyken

		Sveriges Lantbruksuniversitet (SLU)	Animal health and pasture carbon dynamics in sustainability assessment of ruminant production systems	2021 - 2025	BIOVIT/IHA*, Laila Aass
	Sweden, Denmark and Norway	SLU Umeå; Aarhus Universitet; NIBIO; Felleskjøpet Fôrutvikling; TINE; ADDCON	Forage preservation for premium protein quality (EngProt)». NFR funded.	2020 - 2024	BIOVIT/IHA*, Egil Prestløkken
	Sweden & Norway	Miljødirektoratet og Naturvårdsverket	RovQuant 2023-2026	2023 - 2026	MINA*, Richard Bischof
	Sweden, Denmark, Finland	KTH, Sweden; Aalborg University; Denmark; Aalto University, Finland.	Nordic planning research and education collaboration (Plan Nord). Research Development and Research School – Land Management and Planning.	Ongoing	LANDSAM/BYREG*, Knut Bjørn Stokke
	Sweden, Belgium	Umeå University, Vrije Universiteit Brussel	NFR/FRIPRO: SPORE NANOFIBER: Exploring novel extremely heat and chemically resilient nanofibers expressed on bacterial spores	2023 - 2027	VET/Parafag*, Marina Aspholm
	Sweden, Finland, Norway	SLU Sweden, SYKE Finland, NINA Norway	NFR - ForestValue JC2021: SustMultBiomass, Sustainable and multifunctional use of forest biomass	2022 - 2025	MINA, Line Nybakken
	Sweden	National Veterinary Institute	FFL/JA: Moove–Preparing Norwegian livestock against new threats: implications of cattle movements for antimicrobial resistance and emerging diseases	2023 - 2026	VET/ProdMed*, Ingrid Toftaker
	Sweden, Finland	Umeå University; University of Helsinki	NFR 324670 Quest UV-B	2021 - 2025	REALTEK*, Boris Zimmermann
	Sweden, Finland	Umeå Plant Science Centre, University of Helsinki	NFR FRIPRO 325671	2021 - 2025	BIOVIT*, Jorunn Elisabeth Olsen
	Sweden, Luxembourg	Karlstad universitetet, Karlstad, Sweden and	NFR 665200: Mobility, Health and Inclusive Urban Epidemic Resilience (MOBI-HEALTH)	2021 - 2024	LANDSAM/FOHE*, Geir Aamodt

		Luxembourg Institute of Socio-Economic Research (LISER)			
		Nordic Forest Research: https://nordicforestresearch.org/	Funding for conferences, network activities. Forest economy. SNS ('Samnordisk skogsforskning').	Ongoing	MINA*, Sjur Baardsen
	Sweden, Estonia, Iceland	SLU (Sweden); TUT (Estonia); UNAK (Iceland); Cargill AS, Center for Feed Technology	NFR 327114 SAFE	2021 - 2024	REALTEK*, Volha Shapaval
	Turkey, Italy, Spain, Ireland	Türkiye Bilimsel ve Teknolojik Arastırma Kurumu (Turkey), Università Politecnica delle Marche (Italy), Fundacio Universitaria Balmes (Spain), Sustainable Innovation Technology Services Limited (Ireland)	EU HORIZON WIDERA – 101079251 - SMART4ENV - Enhancing the Scientific Capacity of TUBITAK MRC in the Field of Smart Environmental Technologies for Climate Change Challenges	2022 - 2025	REALTEK*, Zakhar Maletskyi
U.K.	U.K., Germany and partners in Norway	University of Sussex, University of Oxford, Institute of Sustainability Governance, University Lüneburg (Germany)	NFR. Towards sustainable cities and communities (TOWARDS)	2021 - 2024	LANDSAM*/FOHE, Siri Eriksen
	U.K. + USA	University of Sheffield, University of Vermont	NFR FRIPRO 301284 “Live or let die? Deciphering the developmental and genetic basis for transitions between perennality and annuality in temperate grasses”	2020 - 2026	BIOVIT*, Siri Fjellheim
	Northern Ireland	Queens University, Belfast	Animal health and pasture carbon dynamics in sustainability assessment of ruminant production systems	2021 - 2025	BIOVIT/IHA*, Laila Aass
CENTRAL AMERICA	Mexico	International Maize and Wheat Improvement Center (CIMMYT)	NFR project “Phenotyping for healthier and more productive wheat crops”	2021 - 2025	BIOVIT/IPV*, Morten Lillemo
		International Maize and Wheat Improvement Center (CIMMYT)	NFR project “Sustainable management of rust diseases in wheat”	2020 - 2024	BIOVIT/IPV*, Morten Lillemo
SOUTH AMERICA	Brazil	UnB (Brazil), FINATEC (Brazil)	NFR 322529 Patcher	2021 - 2026	REALTEK*, Harsha Ratnaweera
		Federal Institute of Education, Science and Technology of Mato Grosso (IFMT)	MoU	2022 - 2024	REALTEK*, Antonio Candea Leite

		Federal University of Mato Grosso Foundation	MoU	2023 - 2028	REALTEK*, Antonio Candea Leite
		Pontifical Catholic University of Rio de Janeiro (PUC-RIO)	HK-dir: UTF-2021/10160 – Enabling Technologies and People for Next-Generation Precision Agriculture (EnTechAgri)	2022 - 2026	REALTEK*, Antonio Candea Leite
		Federal University of Amazonas (MoU), Federal University of Rio Grande do Norte (MoU). Other partners: National Institute for Amazonian Research, Museu Paraense Emílio Goeldi (Goeldi Museum), Federal University of Santa Catarina, Federal University of Para, Federal University of Mato Grosso, Federal University of Santa Maria, Federal University of Paraíba, State University of Mato Grosso.	NFR-funded project “Cascading consequences of hunting and fishing for ecosystem services in Amazonian forests (PI) – “ABC expeditions”	2019 - 2024	MINA*, Torbjørn Haugaasen
		Federal University of Para, Federal Rural University of Amazonia, Goeldi Museum	NFR/INTPART, “SAMBA - Scaling Advanced Methods for Biodiversity Assessments”	2021 - 2026	MINA*, Torbjørn Haugaasen
			“Measuring biodiversity dynamics using environmental DNA and metabarcoding: establishing baselines and monitoring recovery in affected ecosystems”. Funded by Norsk Hydro/Biodiversity Research Consortium Brazil-Norway (BRC)	2021 - 2024	MINA*, Torbjørn Haugaasen
	Chile	University of Santiago de Chile, Pontifical Catholic University of Valparaíso	NFR 294821 Trained immunity and nutritional programming for resilient salmon	2019 – 2024	BIOVIT/IHA*, Margareth Øverland
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	Ongoing	MINA*, Kari Klanderud

			world carry out similar, multi-year manipulation experiments that allow them to examine vegetation change across the tundra biome. National, IASC (workshops), IPY syntheses.		
		Canadian Mountain Network	CREA-CC: <i>Développer des Connaissances sur les Réalités Écosystémiques Aquatiques des Chic-Chocs</i> (Developing Knowledge of the Aquatic Ecosystem Realities of Chic-Chocs)	2021 - 2024	MINA*, Louise Chavarie
		University of Toronto	Bilateral collaboration	Ongoing	KBM*, Vincent Eijsink
	Canada, Finland, Norway	Polytechnique Montréal; Aalto University; University of Tromsø	“WALKMORE” NFR-301992.	2020 - 2024	LANDSAM/BYREG*, Harpa Stefansdottir
	Canada, USA, China, Japan	7 partners, 5 countries. University of British Columbia (CA), University of Washington and Michigan State University (USA), Qingdao Technological University (CN), Hokkaido University (JP)	NFR 310074, INTPART programme: Membrane processes for the next decades challenges in the water sector (MEMPREX)	2020 - 2024	REALTEK*, Harsha Ratnaweera
	Canada, USA	University of Calgary (CA), Columbia University (US)	NFR 309608, INTPART programme: AECO – Advancing ElectroCOagulation for water safety and circularity	2020 - 2024	REALTEK* Zakhar Maletskyi
	USA	American University	DIKU/UTFORSK - UTF-2021/10105 - Noragric-SIS Partnership in Education and Research on Geopolitical Ecology	2022 - 2026	LANDSAM/Noragric*, Katharina Glaab
		University of Minnesota (NOCC collaboration agreement)	Research projects, student exchange (Tripartite agreement between Univ. of Minnesota, NMBU, University of Oslo).	2019 - 2025	Coordinated by NMBU’s Research Support Office (contact Joanna Boddens-Hosang)

		University of Minnesota (NOCC collaboration agreement)	Research project “Early-life experiences – a lifetime of ovine microbiota?”	2020 - 2024	VET*, Clare Phythian/Adam Martin
		University of Minnesota	NFR project “Phenotyping for healthier and more productive wheat crops”	2021 - 2025	BIOVIT/IPV*, Morten Lillemo
		Wesleyan University	NFR 289518 - DeepHyperSpec	2019 - 2024	REALTEK*, Achim Kohler
		Michigan State University	NFR/FRIPRO: Right-wing populism and the political feasibility of climate policy (POPCLIM)	2021 – 2026	LANDSAM/ Noragric*, Guri Bang
		Johns Hopkins University School of Advanced International Studies	NFR/FRIPRO: Climate Politics During Recessions: Examining Drivers of a Green Economic Recovery (CLIMREC)	2021 – 2026	LANDSAM/ Noragric*, Guri Bang
		University of Georgia	General agreement on academic collaboration	2024 - 2028	REALTEK*, Eirik Valseth
	USA, UK, Austria, Norway	University of Bergen, Norway; USDA ARS Baton Rouge, USA; University of Oxford, UK; University of Illinois Urbana-Champaign, USA; University of Graz, Austria	NFR FriPro: Boosting the bee: Leveraging the structural capabilities of the lipoprotein Vitellogenin to support honeybee (<i>Apis mellifera</i>) health	2022 - 2026	MINA*, Gro Amdam
OCEANIA	Australia	University of Melbourne	NFR/FRIPRO: Right-wing populism and the political feasibility of climate policy (POPCLIM)	2021 – 2026	LANDSAM/ Noragric*, Guri Bang
		University of Queensland, NIVA (Norway)	NFR 320079, research topic: algae	2023 - 2024	BIOVIT*, Jorunn Elisabeth Olsen, Sissel Torre
		University of Melbourne, Institute of Marine Research (Norway)	FHF: Sound pollution and welfare problems in aquaculture salmon	2022 - 2024	VET/PrePat*, Marco Vindas

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

BIOVIT: Faculty of Biosciences

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

LANDSAM: Faculty of Landscape and Society

- Department of Urban and Regional Planning (BYREG)
- Department of Property and Law (EIEJUS)
- Department of Public Health Science (FOHE)
- Department of Landscape Architecture (ILA)
- Dept. of International Environment and Development Studies (Noragric)

REALTEK: Faculty of Science and Technology

MINA: Faculty of Environmental Sciences and Natural Resource Management

KBM: Faculty of Chemistry, Biotechnology and Food Science

HH: School of Business and Economics

VET: Faculty of Veterinary Medicine

- Dept. of Preclinical Sciences and Pathology (Prepat)
- Dept. of Department of Paraclinical Sciences (Parafag)
- Dept. of Production Animal Sciences, Faculty of Veterinary Medicine (ProdMed)
- Dept. of Companion Animal Clinical Sciences, Faculty of Veterinary Medicine (SpFaMed)

SIT: Student Information Centre, Dept. of Academic Affairs

Others:

DIKU: Norwegian Agency for International Cooperation and Quality Enhancement in Higher Education (under the Norwegian Directorate for Higher Education and Skills, Ministry of Education and Research)

NFR: Research Council of Norway