



International academic research collaboration at NMBU *(March 2025)*

Student exchange agreements are found on this webpage:

<https://www.nmbu.no/en/students/exchange>

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, 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
	Ghana, Tanzania, U.K., Canada	Mkwawa University College of Education (Tanzania), University of Cape Coast (Ghana), Sokoine University of Agriculture (Tanzania), University of British Columbia (Canada), University of Dundee (U.K.),	2023 International Joint Initiative for Research in Climate Change Adaptation and Mitigation: Co-developing Decision Support System for Coastal Mangrove-based Socioecological Systems in Eastern and Western Africa (CoastMan)	2024 - 2027	REALTEK*, Misganu Debella-Gilo
	Kenya	University of Nairobi; Mbeya University of Science and Technology; Egerton University; (other partners: Lilongwe	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 Agriculture and Natural Resources (LUANAR), Malawi; University of Eduardo Mondlane, Mozambique; 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*, Muiyiwa Samuel Adaramola
	Malawi	Lilongwe University of Agriculture and Natural Resources (LUANAR)	NORHED II, SMARTEX project. Funded by Norad (Norwegian Agency for Development Cooperation)	2021 - 2025	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 - 2025	LANDSAM/Noragric*, Jennifer West/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	Université des Lettres et des Sciences Humaines de Bamako (ULSHB)	MoU	2023 - 2028	LANDSAM/Noragric*, Jennifer West
	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>	<i>2021 - 2026</i>	<i>VET*, Stephen Mutoloki</i>
	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>	<i>2021 - 2026</i>	<i>VET*, Øystein Evensen</i>
	South Sudan	University of Juba	<i>NORHED-II, ClimSmart project, see under Ethiopia</i>	<i>2021 - 2026</i>	<i>MINA*, Vegard Martinsen</i>
	Tanzania	Sokoine University of Agriculture	MoU	2024 - 2028	LANDSAM/Noragric*, Jennifer West
		University of Dar es Salaam	<i>NORHED-II, see under Kenya</i>	<i>2021 - 2026</i>	<i>VET*, Stephen Mutoloki</i>
		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 - 2026	LANDSAM/Noragric*, Darley Jose Kjosavik
		Makerere University Business School (MUBS)	<i>NORHED II, EEGREC project, see under Tanzania</i>	<i>2021 - 2026</i>	<i>HH*, Olvar Bergland</i>
		Makerere University	<i>Partner in three NORHED-II projects, see under Kenya, Mozambique (COLOCAL) and Ethiopia/Wondo Genet College (ClimSmart)</i>	<i>2021 - 2026</i>	<i>VET*, Stephen Mutoloki; LANDSAM*, Matthew 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>	2021 - 2026	<i>VET*</i> , Stephen Mutoloki; <i>MINA*</i> , Vegard Martinsen
ASIA (incl. Eurasia and Central Asia)	Bangladesh	International Center for Climate Change and Development	<i>NORHED-II, COLOCAL project, see under Mozambique</i>	2021 - 2026	<i>LANDSAM/BYREG*</i> , Matthew Cashmore
	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 - 2025	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 - 2026	MINA*, Jan Mulder
		Qingdao University of Technology	MoU, incl. research, education, academic exchange	2021 - 2029	REALTEK*, Harsha Ratnaweera
		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
	Nepal	Pokhara University	<i>NORHED-II, COLOCAL project, see under Mozambique</i>	2021 - 2026	<i>LANDSAM/Byreg*</i> , Matthew Cashmore

	Singapore	Nanyang Polytechnic, Republic Polytechnic	MOE-TIF funded project “Development of a Quick Response Procedure (QRP) to detect for Fish Pathogens followed by effective Autogenous Vaccine Prototyping and exploration of other novel approaches to boost fish immunity”	2024 - 2025	BIOVIT/IHA*, Margareth Øverland
EUROPE		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
		34 project partners from Europe	BELIS - Breeding European Legumes for Increased Sustainability	2023 – 2028	BIOVIT/IPV*, Åshild Ergon, Sahameh Shafiee
		Network of 11 countries	H2020. 3d’omics	2021 - 2025	KBM*, Phil Pope
	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 Sciences (NMBU); Technical University of Munich (TUM); The University of British Columbia (UBC)	Wood Artificial Intelligence - Knot modelling by Computed Tomography (WAI-KnotCT)	2023 - 2026	MINA*, Geir Isak Vestøl
	Several European countries	Joint effects of CLimate Extremes and Atmospheric deposition on European FORESTs – CLEANFOREST	COST action CA21138	2023 - 2026	MINA*, Line Nybakken

	Several European countries	European Network In CHemical Ecology: translating the language of life into sustainability -eNICHE	COST action CA22102	2024 - 2027	MINA*, Line Nybakken
	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
	Ireland, Belgium, Romania, France, Austria, Italy, UK, Germany, Estonia, Denmark, Greece, Norway, Sweden, the Netherlands	25 project partners	EU Horizon Europe - TransformDairyNet - Working together to upscale Cow-Calf Contact dairy systems	2024 – 2027	BIOVIT/IHA*, Sabine Anne-Lie Ferneborg
	Austria, the Netherlands	University of Veterinary Medicine Vienna, University of Groningen	NFR 325663 CalfComfort: Nurturing positive welfare in calves	2021 – 2025	BIOVIT/IHA*, Sabine Anne-Lie Ferneborg
	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 - 2025	REALTEK*, Roberto Tomasi

		17 European partners	H2020: Mission Soil. SOILS for EUROPE (SOLO)	2022 - 2026	MINA*, Åsgeir Almås
	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 (IDELE); Instituto Nacional de Investigación y Tecnología Agraria y Alimentaria (INIA); Instituto Regional de Investigación y Desarrollo Agroalimentario y Forestal (IRIAF); Sveriges Lantbruksuniversitet (SLU)	RUMIGEN, H2020-SFS-2018-2020	2021 - 2025	BIOVIT*, Theo Meuwissen; VET/PrePat*, Michael Tranulis

		INRAE Transfert (IT); Roslin Institute, Edinburgh University (UEDIN); Valogène (VLG); Stichting Wageningen Research (WR); Wageningen University (WUR)			
	Belgium, Denmark, UK, Sweden	University of Ghent, Natural History Museum of Denmark, Natural History Museum, London, UK, Meise Botanic Garden, University of Gothenburg,	Unveiling the rich hidden diversity of microfilamentous marine green algae (Chlorophyta) in Norway	2024 – 2027	BIOVIT/IPV*, Franz Ronald Saavedra Goecke
	Cyprus	Republic of Cyprus, Ministry of Education, Sport and Youth, Unit of Education for the Environment and Sustainable Development	Developing the Strategic Framework on Whole Institution Approach (WIA) and Education for Sustainable Development (ESD)	2024 - 2026	REALTEK*, Arjen Wals
	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
	Austria, Denmark, France,	Fraunhofer-Gesellschaft ITWM (Germany), Kemijski Institut (Slovenia), Politecnico di Torino	EU HORIZON 101137725: Battery Cell Assembly Twin (BatCAT)	2024 - 2027	REALTEK*, Martin Thomas Horsch

	Germany, Italy, Luxembourg, Slovenia, Spain, U.K.	(Italy), University of Kaiserslautern-Landau RPTU (Germany), IFP Energies Nouvelles (France), Klagenfurt University (Austria), Danmarks Tekniske Universitet (Denmark), Indiscale GMBH (Germany), University of Loyola (Spain), Hochschule Kaiserslautern (Germany), BI-REX (Italy), Vanevo GMBH (Germany), Luxembourg Institute of Science and Technology (Luxembourg), United Kingdom Research and Innovation (U.K.), Centre for Process Innovation Ltd. (U.K.), Goldbeck Consulting Ltd. (U.K.)			
	Austria, Belgium, Germany, Greece, Luxembourg, U.K.	Helmholtz-Zentrum Hereon GMBH (Germany), Fraunhofer- Gesellschaft (Germany), Luxembourg Institute of Science and Technology (Luxembourg), AC2T Research GMBH (Austria), Innovation in Research & Engineering Solutions (Belgium), Composites United EV (Germany), Aristotelio Panepistimio Thessalonikis (Greece), Organic Electronic Technologies Private Company (Greece), European Coil Coating Association (Belgium), Wikki Ltd. (U.K.)	EU HORIZON 101138510: Harmonization of Advanced Materials Ecosystems serving strategic Innovation Markets to pave the way to a Digital Materials & Product Passport (DigiPass)	2024 - 2027	REALTEK*, Martin Thomas Horsch
	Austria, Belgium, Denmark, Finland, France,	57 European partners	EU HORIZON 101147319: EBRAINS 2.0: A Research Infrastructure to Advance Neuroscience and Brain Health	2024 - 2026	REALTEK*, Gaute Einevoll

	Germany, Greece, Italy, Lithuania, Netherlands, Romania, Spain, Sweden, Switzerland, U.K.				
	Moldova, Romania, Serbia, Ukraine	Univerzitet U Nisu (Serbia), Universitatea Dunarea De Jos Din Galati (Romania), Universitatea Tehnica a Moldovei (Moldova), Universitatea De Stat Din Moldova (Moldova), The National University of Water And Environmental Engineering (Ukraine), Ukrainian State University of Chemical Technology (Ukraine), National Technical University Of Ukraine Igor Sikorsk (Ukraine), Lviv Polytechnic National University (Ukraine)	EU Erasmus+ CBHE 101178708: Strengthening digital skills in the water sector higher education (Digiskills)	2025 - 2027	REALTEK*, Zakhar Maletskyi
	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 agrisoil management. EJP soil co- funding EU via NFR.	2022 - 2025	MINA*, Peter Doersch
	Bosnia and Herzegovina	University of Sarajevo	Memorandum of Understanding (general)	2024 - 2029	VET/Parafag*, Selma Hurem

	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 - 2025	REALTEK*, Volha Shapaval
	Denmark	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
		University of Southern Denmark, Norwegian Institute of Public Health	NFR. Co-Creating Public Health	2021 - 2025	LANDSAM*/FOHE, Ingeborg Pedersen
		Aarhus University	VegiFuture - increased market share and new onion products produced from side streams	2022 – 2026	BIOVIT/IPV*, Anne-Berit Wold
		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
	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 Sørli & Vincent Eijsink
	Finland	European Forest Institute	Multilateral collaboration	Ongoing	MINA*, Alexander Moiseyev

		Natural Resources Institute Finland (LUKE); Wageningen University & Research, the Netherlands; NIBIO, Norway.	NFR/Bionær	2020 – 2025	MINA*, Sjur Baardsen, Tron Eid, Terje Gobakken, Maarit Kallio, Hans Fredrik Hoen, Torjus F. Bolkesjø, Per Kr. Rørstad
	Finland, Denmark	University of Helsinki, LUKE, Nordic Seed	FutureProteinCrops - Increased and market-adapted production of grain legumes in Norway to increase self-sufficiency of plant proteins for food and feed	2022 – 2025	BIOVIT/IPV*, Anne Kjersti Uhlen
	Norway, Finland, Denmark, Greenland, Germany	Nord university (Norway), University of Oulo (Finland), Aarhus University (Denmark), Arctic Knowledge (Norway), University of Greenland (Greenland), Alfred-Wegener Institute (Germany), Nordland Research Institute (Norway), UiT (Norway), Arctic Monitoring and Assessment Program (Norway)	EU HORIZON ArcSolution - 101135051 - Arctic Pollution in a One Health perspective - from complex challenges to sustainable solutions (ArcSolution)	2024 - 2027	VET/Parafag, Jan Ludvig Lyche
	Finland, Germany, Ireland, Italy, UK	Università di Napoli Federico II (Italy), University of Galway (Ireland), Fraunhofer (Germany), King's College London (UK), EniferBIO (Finland)	Green ERA-Hub 1 st joint call: Dairy Waste and Residues upcycling into Microbial Protein (DARE2CYCLE)	2024 - 2027	REALTEK*, Volha Shapaval
	Finland, Sweden, Estonia	University of Helsinki, SLU, Estonian Crop Research Institute	Fabanova - Climate-ready faba beans for the Nordic and Baltic Region	2023 – 2026	BIOVIT/IPV*, Åshild Ergon
	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)
		University of Ulm (Germany)	NFR 353091 - Smart Sensing platform for protein and peptide analysis (SmartSense4Proteins)	2025 - 2029	REALTEK*, Achim Kohler
	Germany, Belarus, USA	Ruhr-University Bochum, United Institute of Informatics Problems, Belarus National Academy of Sciences, Wesleyan University	NFR 289518 - DeepHyperSpec	2019 - 2025	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, 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
	Germany, Finland, Sweden	Leibniz Institute of Plant Genetics and Crop Plant Research (IPK). LUKE Finland, Lund University	DiversityOats - A more sustainable Norwegian oat industry by increased genetic diversity and diversified food products	2024 – 2027	BIOVIT/IPV*, Morten Lillemo

	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
	Iceland, Sweden, Ireland, Finland	LUKE Finland, Agricultural University of Iceland, Lantmännen, Teagasc – Agriculture and Food Development Authority, University College Dublin, Boreal Plant Breeding Ltd., Lund university	OatFrontiers - Adapting oats to final Frontier	2023 – 2026	BIOVIT/IPV*, Morten Lillemo
	Italy	University of Turin	ERC Synergy Grant “Unravelling the secrets of Cu-based catalysts for C-H activation (CUBE)”	2020 - 2026	KBM*, Vincent Eijsink
	Italy, Finland, Denmark, Slovenia, Bulgaria, Romania	12 partners	SusCrop ERA-NET: Diversilience - Diversifying organic crop production to increase resilience	2021 - 2025	BIOVIT/IPV*, Åshild Ergon
	Italy, Sweden, Spain, Turkey	Kungl. Tekniska högskolan (Sweden), University of the Basque Country (Spain), Istanbul University - Institute of Marine Sciences and Management (Turkey), Istanbul Technical University (Turkey), National Council of Research of Italy (Italy), Italbiotec srl (Italy)	Sustainable Blue Economy Partnership, 1st joint call: Improved Valorization of Marine Sources and Processing Waste for Resource Efficient Blue Food/Feed and Environmentally Sustainable Materials Development (SEAREFINERY)	2024 – 2027	REALTEK*, Nazli Pelin Kocatürk Schumacher
	Luxembourg, Finland, Slovenia, Netherlands, Austria, Belgium, Norway, Cyprus,	Luxembourg Institute of Science And Technology (Luxembourg), Tampereen Korkeakoulusaatio Sr (Finland), Seven Past Nine d.o.o. (Slovenia), Rijksinstituut voor Volksgezondheid en Milieu (Netherlands), Medizinische Universität Innsbruck (Austria),	EU Horizon CHIASMA – 101137613 - Accessible Innovative Methods for the Safety & Sustainability Assessment of Chemicals & Materials	2024 – 2027	VET/ProdMed, Mette Müller

	Greece, Austria, Germany, Italy, South Korea, UK, Switzerland	Acumenist (Belgium), Novamechanics Limited (Cyprus), Ethnicon Metsovion Polytechnion (Greece), AIT Austrian Institute of Technology GmbH (Austria), IUF - Leibniz-Institut für Umweltmedizinische Forschung GmbH (Germany), BASF SE (Germany), Università degli Studi di Roma Tor Vergata (Italy), Stichting VU (Netherlands), Centre Européen d'Ecotoxicologie et de Toxicologie des Produits Chimiques (Belgium), Industry-University Cooperation Foundation of Hanyang University (South Korea), The University of Birmingham (UK), Swansea University (UK), Institute of Occupational Medicine (UK), Eidgenössische Materialprüfungs- und Forschungsanstalt (Switzerland)			
	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; Università Degli Studi Mediterranea di Reggio Calabria (UNIRC), Italy; Turun Ammattikorkeakoulu Oy (TUAS), Finland	EU - HE - 101071306- Waterline	2022 - 2025	REALTEK*, Zakhar Maletskyi
	Netherlands	Radboud University	Understanding melanin-based visual signalling in Atlantic salmon: A multi-disciplinary exercise	2022 – 2026	BIOVIT/IHA*, Øyvind Øverli

		Wageningen University (Department Plant Sciences) & Wageningen Plant Research	NFR funded project “SmartWheat - Harnessing AI Models for Climate-Resilient Wheat Varieties in Sustainable Agriculture	2025 - 2028	BIOVIT/IPV*, Sahameh Shafiee
		Technical University (TU) Delft; Vrije Universiteit Amsterdam	Novo Nordic Foundation, Emerging Investigator Grant (“AnaPro”)	2021 - 2025	KBM*, Linda Bergaust
	Poland	Polish Academy of Sciences	NFR FRIPRO 345079: Porous electrode charging (PoreCharge)	2024 - 2028	REALTEK*, Mathijs A. Janssen
	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 - 2025	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
	Serbia, Austria, Spain, Bosnia and Herzegovina,	Javna Ustanova Univerzitet Crne Gore (Montenegro), Univerzitet U Nisu (Serbia), Universitaet Fuer Bodenkultur Wien (Austria)	Erasmus+ project 101081724 - SmartWB - Curricula innovation in climate-smart urban development based	2023 - 2025	REALTEK*, Harsha Ratnaweera

	Albania, Montenegro	Sveuciliste U Zagrebu (Croatia), Universidad Rey Juan Carlos (Spain), Technische Hochschule Ostwestfalen-Lippe (Germany), Univerzitet U Sarajevu (Bosnia and Herzegovina), Univerzitet Dzemat Bijedic U Mostaru Sa Supsidijarnom Odgovornoscu 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 Konsultanata Inzenjera Bosne I Hercegovine (Bosnia and Herzegovina)	on green and energy efficiency with the non-academic sector		
	Spain	Polytechnic University of Catalonia (Spain)	NFR 352835: Tunable ion separations with micro-structured composite membranes (TIES)	2025 - 2029	REALTEK*, Zakhar Maletskyi
		Agencia Estatal Consejo Superior de Investigaciones Científicas (CABD-CSIC)	NFR funded project “ThreeD - Duplicate Divergence in three Dimensions”	2025 - 2028	BIOVIT/IHA*, Simen Sandve
	Spain, UK	IRTA, Spain, NIAB UK	IPM-Fruit - IPM strategies for future fruit production	2023 – 2027	BIOVIT/IPV*, Lene Sigsgaard
	Sweden	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)	Animal health and pasture carbon dynamics in sustainability assessment of ruminant production systems	2021 - 2025	BIOVIT/IHA*, Laila Aass
		Sveriges Lantbruksuniversitet (SLU)	HESTEFORSK - Forage as a local produced protein and energy feed for horses	2023 – 2025	BIOVIT*, Rasmus Bovbjerg Jensen, Åshild Ergon
		Sveriges Lantbruksuniversitet (SLU)	NORDICFEED - Bio-conversion of non-food bio-resources to novel feeds for salmonids - a Nordic approach	2021 – 2025	BIOVIT/IHA*, Margareth Øverland
		Sveriges Lantbruksuniversitet (SLU), Lantmännen	Sustainable and local produced protein and energy feeds for horses	2023 - 2025	BIOVIT/IHA*, Rasmus Bovbjerg Jensen
	Sweden, Belgium, Ireland	Göteborgs university, Nordic Seafarm, Flanders Research Institute for Agriculture, Fisheries and Food (ILVO), Irish Seaweed Consultancy Marine Institute	Blue Bio Boost – Boosting seaweed farming through better utilization of genetic resources	2024 – 2027	BIOVIT/IPV*, Åshild Ergon
	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, Germany	Sveriges Lantbruksuniversitet (SLU), Institute for Food and Environmental Research e.V, Enifer Bio Ltd,	ForestFeed - A Nordic blue-green value chain from forest to fish filet	2023 – 2027	BIOVIT/IHA*, Margareth Øverland
	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
		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 - 2025	REALTEK*, Volha Shapaval
	Switzerland	Agroscope	MethanePasture - increased sustainability from dairy and meat from ruminants	2023 – 2027	BIOVIT/IHA*, Angela Schwarm
		Agroscope	NFR 343430: Sustainable aquaculture industry waste valorization through recycling (SEA-CYCLE)	2024 - 2028	REALTEK*, Nazli Pelin Kocatürk Schumacher
	Turkey	Bursa Uludağ Üniversitesi	NFR-funded project “Knowledge Transfer & Entrepreneurship in Sustainable Agro-Aqua Systems”	2024 - 2027	BIOVIT/IHA*, Margareth Øverland
	Turkey, Italy, Spain, Ireland	Türkiye Bilimsel ve Teknolojik Arastırma Kurumu (Turkey), Università Politecnica delle Marche (Italy), Fundacio Universitaria	EU HORIZON WIDERA – 101079251 - SMART4ENV - Enhancing the Scientific Capacity of TUBITAK MRC in the Field of Smart Environmental	2022 - 2025	REALTEK*, Zakhar Maletskyi

		Balmes (Spain), Sustainable Innovation Technology Services Limited (Ireland)	Technologies for Climate Change Challenges		
U.K.		Rothamsted Research	ProteinBar - Increased protein production from Norwegian barley for animal feed	2023 – 2026	BIOVIT/IPV*, Morten Lillemo
		Manchester Metropolitan University	NERC Mangrove project	2024 - 2025	LANDSAM/Noragric*, Aida Cuni Sanchez
		University of Leeds	NFR 351985: Reconstructions of UV-B radiation across the Laschamps Geomagnetic Excursion (LASCHAMPS-UV)	2025 - 2028	REALTEK*, Boris Zimmermann
	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 perenniality and annuality in temperate grasses”	2020 - 2026	BIOVIT*, Rómulo Sobral
	Northern Ireland	Queens University, Belfast	Animal health and pasture carbon dynamics in sustainability assessment of ruminant production systems	2021 - 2025	BIOVIT/IHA*, Laila Aass
	Scotland	University of Edinburgh	NrTwin: Advancing Sustainable Breeding of Norwegian Red Dairy Cattle through Digital Twin	2024 - 2028	BIOVIT/IHA*, Gareth Difford
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
SOUTH AMERICA	Brazil	UnB (Brazil), FINATEC (Brazil)	NFR 322529 Patcher	2021 - 2026	REALTEK*, Harsha Ratnaweera
		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	NFR-funded project “Cascading consequences of hunting and fishing for	2019 - 2025	MINA*, Torbjørn Haugaasen, Thomas Luypaert

		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.	ecosystem services in Amazonian forests (PI) – “ABC expeditions”		
		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 - 2025	MINA*, Torbjørn Haugaasen
		Federal University of Mato Grosso (UFMT)	HK-dir UTF-2024/10042: Digital Innovation Program for Research-based Education in Agricultural Robotics, Plant Breeding and Sustainable Food Production (DIP-Farm Edu)	2025 - 2028	REALTEK*, Antonio Candea Leite
	Chile, Turkey	Catholic University of the North and Bursa Uludağ University, Turkey	NFR-funded project “Knowledge Transfer & Entrepreneurship in Sustainable Agro-Aqua Systems”	2024 - 2027	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 world carry out similar, multi-year manipulation experiments that allow them to examine vegetation change across the tundra biome.	Ongoing	MINA*, Kari Klanderud

			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 - 2025	MINA*, Louise Chavarie
		University of Toronto	Bilateral collaboration	Ongoing	KBM*, Vincent Eijsink
		Agriculture and Agri-Food, Canada	MethanePasture - increased sustainability from dairy and meat from ruminants	2023 – 2027	BIOVIT/IHA*, Angela Schwarm
		The University of British Columbia	NFR 325663 CalfComfort: Nurturing positive welfare in calves	2021 – 2025	BIOVIT/IHA*, Sabine Anne-Lie Ferneborg,
	Canada, USA	University of Calgary (CA), Columbia University (US)	NFR 309608, INTPART programme: AECO – Advancing ElectroCOagulation for water safety and circularity	2020 - 2025	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	NFR project “Phenotyping for healthier and more productive wheat crops”	2021 - 2025	BIOVIT/IPV*, Morten Lillemo
		Wesleyan University	NFR 289518 - DeepHyperSpec	2019 - 2025	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
		University of Tennessee	VegiFuture - increased market share and new onion products produced from side streams	2022 – 2026	BIOVIT/IPV*, Anne-Berit Wold
	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 Melbourne, School of BioSciences	Unveiling the rich hidden diversity of microfilamentous marine green algae (Chlorophyta) in Norway	2024 – 2027	BIOVIT/IPV*, Franz Ronald Saavedra Goecke
	Australia, Norway	SINTEF Ocean, NTNU, HI, Deakin University (Victoria, Australia)	FHF 901934 PROHAV	2024 - 2026	VET/ProdMed, Marit Stormoen
		University of Queensland, NIVA (Norway)	NFR 320079: ALGECO - Cost-effective algae technology to promote circular economy development of Norwegian wastewater treatment plant	2021 - 2025	BIOVIT*, Jorunn Elisabeth Olsen, Sissel Torre

***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