



AMU COMPLETED COLLABORATIVE PROJECTS

Director Office of Grant and Collaborative Project Management

Thomas Torora (PhD)

Faculty of Meteorology & Hydrology, Water Technology Institute

Fekadu Massebo (PhD)

Department of Biology, College of Natural & Computational Sciences

Mekuanint Muluneh (MSc)

Water Resources Research Center, Water Technology Institute

Tesfaye H/Mariam (PhD)

English Language & Literature Department, College of Social Sciences

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ARBA MINCH UNIVERSITY
Arba Minch, Ethiopia

Background

This document explores the research partnerships since the establishment of the Arba Minch Water Technology Institute (AWTI) in 1986, the foundation of the current Arba Minch University (AMU). Such collaboration researches have recently attracted the attention of the academic and research institutes as it has the potential to increase the visibility of the partner institutes. Moreover, academic research is becoming ever more international as ideas go beyond borders; no country controls the marketplace of ideas. New ideas come when you interact with people from diverse backgrounds. Such collaboration leads to an extremely fertile cross-pollination of ideas. On the other hand, there are a lot of challenges in management of such international research partnership projects as teams are composed of expertise with diverse training, scientific expertise, social background, and life experience. Hence, it is clear that analyzing the past collaborative academic projects is a key to establish a robust follow-up and assessment system to further improve the process of internationalization of the AMU. The contribution of each partner institute in the accomplishment of the AMU mission and vision has been briefly summarized. This document was compiled by searching files both in hard and softcopies, and grey literature in Google search engine. As AMU is categorized as a research university, more collaboration and partnerships are a key feature of the university. Hence, this document summarized the collaborative projects mainly the international ones with some success stories to put a foundation for future internationalization process and the making the of AMU as a major international project hub. The aim of developing this document is therefore (1) to give a general overview of AMU's externally funded projects to AMU academic staff; (2) to utilize the historical AMU partnership with partner countries and institutions information whenever designing new projects; (3) to AMU's project mobilization capacity to funding agencies that confidence and trust in newly establishing project partnerships.

Since its establishment, AMU has successfully implemented numerous international research projects with partnerships from 11 countries. These countries are Belgium, Djibouti, Germany, Italy, Kenya, the Netherlands, Norway, Spain, Switzerland, UK, and USA. A number of other partner institutions from African and other countries also engaged in bilateral research projects with AMU. The European Union and the World Bank are also the key funding agencies. Since the foundation of AWTI in 1986 to AMU inauguration in June 2004, the German government played a pivotal role in supporting and equipping engineering laboratories and field research facilities. Among the German universities, U Siegen, TU

AMU's completed collaborative projects

Dresden, FU Berlin, U Trier, and Goethe Institute were the major contributors. The AMU-Germany partnership established and strengthened a number of academic programs in the field of water science and technology and solid engineering domains. The objectives of the German based projects were to make AWTI to be a center of excellence in the water sector in Eastern Africa. Today, the strong German partnership with AMU should be strengthened to resuming the strong partnership through Alumina to regain the statuesque.

Currently, the VLIR-UOS funded AMU-IUC program is the major project in AMU. The IUC program aimed to enhance institutional research capacity via doctoral studies in different fields. In the first Phase of the program (2017-2022), 18 PhD students enrolled in in five Belgian Universities. This program is also supporting AMU by supporting laboratory equipments and enhancing capacity of laboratory technicians' skill training them in Belgian universities. In some projects, the local AMU PhD students are also getting support for their PhD research projects. Phase II of the AMU-IUC project will focus on the development activities in the coming five-years (2022-2026). More PhD training opportunities are there to further enhance research capacity of human and material capacities in AMU. The KU Leuven is coordinating the IUC from the Flemish side.

Norwegian Government funded NORAD project accomplished Phase I (2014-2020) with fruitfully collaborations and outcomes. The its first phase, the project supported MSc program in medical entomology and vector control, which was the first of in its kind in Ethiopia. The NORAD project in Phase II (2021-2026) is supporting 7 PhD and several MSc students' projects. Moreover, the project is supporting the-state-of-the-art laboratories in science in AMU. These facilities will help the scientific community in making advanced lab-based researches and attracting new collaborations and projects. The University of Bergen in Norway is a coordinating university of the project.

The Netherlands government funded (e.g., NUFFIC) projects are also one of the key ones in AMU. Among the projects, research, education and development are few to mention. The Dutch government is also strongly supported numerous MSc and PhD education of AMU staff. From the Dutch institutions, the Wageningen University and Research (WUR) and University of Twente are the leading ones.

Detailed descriptions of historical and current AMU projects

Partner country	Start-End	Project name	Brief description of the project and outcomes (maybe possible to add few notes on contribution of each project?)	Project manager	Data source
Belgium	2019-2021	<i>Internet of Drops: Linking small data to get big data for water resources management</i>	Training; joint filed course, installing sensors to measure hydro climatic data funded by VLIR-UOS with a total budget of €98,000	Dr. Abdella Kemal, Mekuanent Muluneh	AWTI
	2018-2022	<i>Research-based Education for Sustainable Rural Development</i>	This project focuses on the quality of MSc graduates produced integrating research and education to livelihood development funded by VLIR-UOS/JOINT with a total budget of €134,534. Partner countries/Institutions: KU Leuven (Belgium), ETH-Zurich (Switzerland), Eldoret University (Kenya)	Dr. Simon Shibrú	Dr. Simon Shibrú
	2017-2022	<i>Institutional University Cooperation (AMU-IUC)</i>	Forty springs, forty nations, finding common ground for sustainable development in the South Ethiopian rift valley (Phase I & II): Sandwich PhD education (18 + >10) in 4 Belgian universities and infrastructure funded by VLIR-UOS with a total budget of €5,360,000	Dr Fassil Eshetu	https://iuc.amu.edu.et/
	2015-2019	<i>Vlir Enset TEAM project (Enset TEAM)</i>	Sustainable Enset farming systems for food security and livelihood improvement in Gamo highlands funded by VLIR-UOS with a total budget of €299,962	Dr. Fassil Eshetu	https://www.vliru.os.be/en/projects/project/22?pid=2844
	2012-2016	<i>Land and water research for sustainable livelihood in the south Ethiopian Rift Valley" – ZEIN2011PR384 (TEAM/STRIPES)</i>	Institutional capacity building both in academics and development funded by VLIR-UOS/TEAM with a total budget of €299,999. Partner countries/institutions: Belgium (KU Leuven & University of Antwerp)	Dr. Simon Shibrú	Dr. Simon Shibrú
Djibouti	2012-2015	<i>Reservoir water resources Management (AEFCMWRDRM)</i>	To assess the existing and future challenges of multi-purpose water resources developments and Reservoir Managements funded by IGAD with a total budget of €20,000. Partner countries/Institutions: JK-Kenya MoWiE, Spate Irr., Sugar corpon, WWDSE, MU	Ermias Alemu	AWTI
EU	2018-2020	<i>Migration, governance and agricultural and rural change in home communities -</i>	Address a two-way relation between laver mobility and changes in Agri and the rural sector: Identification of strategies to promote safe and regular migration through supporting change in sending regions funded by EU with a total budget	Firew Tesfaye	Res. & Comm. V/P

AMU's completed collaborative projects

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		<i>comparative from Europe, Asia and Africa (ARGUMIG)</i>	of €45,288. Partner countries/Institutions: UK, Sirlanka, Austria, Kyraz Republic, Rep of Moldova, Italy, Morocco, Nepal, Thiland, Kyrgyzstal, and Mekelle		
	2011-2014	<i>Capacity linked water and sanitation for Africa's peri-urban and rural areas (CLARA)</i>	Long term project of water, sanitation and hygiene in Arba Minch and southern region: Strengthening the local capacity in water supply and sanitation sector funded by EC fp7 framework with a total budget of €2,475,083. Partner countries/Institutions: Uiversitaet Bodenkultur Wien, Austria and other 12 institutions in Europe and Africa	Dr. Feleke Woldeyes & Teshale Dalecha	https://cordis.europa.eu/project/id/265676
	2011-2014	<i>Water Harvesting Technologies Revisited: Potentials for Innovations, improvments and Upscaling in Sub-Saharan Africa (WHaTeR)</i>	To contribute to the development appropriate water harvesting techniques: Improve rural livelihood and increase food production in SSA Funded by EU with a total budget of €95726. Partner countries/Institutions: Univ of Amstrdam, NewCastle Univ, Stockholm Resilience center, Univ of Kwuazulu, Sokoine Univ, Southern & Eastern Raiwater Network (Ken), National Institute for Environ & Agric Res. (BurkanaFaso)	Dr Adane Abebe, Dr Guchie, Mr. Ermias, Dr Samuel D	Res. & Comm. V/P
	2006-2010	<i>Resource-Oriented Sanitation concepts for peri-urban areas in Africa (ROSA)</i>	Route to sustainable sanitation and to meet the UN MDGs: An implementation study of the updated WHO-guidelines for use of waste and excreta, the improvement/adaptation of resource-oriented sanitation technologies and the development of community-based operation and management strategies funded by EC fp6 framework with a total budget of €2,900,000. Partner countries/Institutions: Uiversitaet Bodenkultur Wien, Austria and other 12 institutions in Europe and Africa	Dr. Ababu T., Dr Kinfe Kassa	http://rosa.boku.ac.at/ https://cordis.europa.eu/project/id/37025
Germany	2021-2021	<i>Youth/School engagement in Forest Land Restoration in Lake Chamo Catchment (YEFLR)</i>	Youth/School engagement in Forest Land Restoration in Lake Chamo Catchment funded by GIZ with a total budget of €24,997	Dr. Berhanu Lemma	CAS
	2013-2016	<i>Applied Entrepreneurship Education Programme (AEEP)</i>	Education and entrepreneurship integration: to develop and implement an applied entrepreneurship education program for AMU MSc electrical power eng'g graduate program funded by DAAD with a total budget of €503,000	Dr Guchie G.	Res. & Comm. V/P
	2004-2007	<i>German support on education and research</i>	Lake Abaya Research Symposium (LARS 2004) was held at Addis Ababa; Field Course on hydrological field measurements organized by U Siegen; IWMNet (Network on Integrated Watershed Management Eastern Africa); master's programme on integrated watershed; management was designed; AWTI		https://pdfslide.net/documents/assistance-to-arba-minch-water-

AMU's completed collaborative projects

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			established research partnership and funding from International Water Management Institute (IWMI); One lecturer was invited for a study visit to Dresden/Germany (DAAD sponsored) ('06); PhD student received training on dendro-chronology techniques in Wageningen (NL) for enhancing his hydrological database by proxy data; LARS 2007 is held at Arba Minch University – as an international research conference on Lake and Catchment topics; Start of the EU Water Facility Project (IWMNet – U Siegen, AMU, KU, UDSM, GTZ, IWMI, and DAAD) with U Siegen as applicant/coordinator and AMU as one of the partners to strengthen the regional Master's Programme on Integrated Watershed Management; The Expert Seminar on IWRM in Bagamoyo/Tanzania and in collaboration with the GTZ Water Sector Reform Programme in Tanzania) is organized by U Siegen within the German Water Alumni Network (GAWN) of which AMU lecturers are members; e-learning in IWM is started at Kenyatta University as a measure of the Network on IWM of which AMU is a partner GTZ/DAAD/Goethe Institute/U Siegen/FU Berlin/EU. Partner countries/Institutions: Kenya, Tanzania, Uganda, IWMI, Kenyatta University, and AAU		technology-institute-awti-to-arba-minch-water-technology.html
	2003-2003	<i>International Field Course</i>	International Field Course on Watershed Management organized by FU Berlin, U Siegen and AWTI; Lake Research (DFG sponsored) was started by researchers from U Siegen and FU Berlin on lake sediments; International Hydrological Conference, Dresden. Establishment of Lake Research Station was started; AWTI was selected national applied training institute for Ethiopia within the Nile Basin Initiative (NBI) funded by DAAD, GTZ, DFG . Partner countries/Institutions: Kenya, Tanzania, Jimma and Awassa Universities		See the above link
	1992-1992	<i>Start of Assistance to AWTI Project</i>	The project is the follow-up of earlier support for the training of waterworks funded by BMZ , executed by GTZ/RODECO.		See the above link
	1992-2002	<i>Project Evaluation Mission</i>	To re-start the German project support after the change of Government: exchange of staff and students (1993); Support of the hydraulic laboratory with research equipment (U Siegen) ('94); Implementation of Infrastructure (Water Quality Laboratory, Library) and training of technicians (workshops) was terminated (implemented by RODECO) ('94); the 1st PhD student started his studies on Water Resources Assessment in Lake Abaya Chamo Basin in Germany (TU Dresden/U Siegen) ('95); Design of AWTI Water Journal completed ('96); The		See the above link

AMU's completed collaborative projects

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			Integrated Water Resources Development Programme was started for enhancing research; capacity of AWTI in cooperation with U Siegen and TU Dresden; Two German visiting lecturers worked at AWTI (irrigation and geotechnical engineering) (CIM financed) to support the teaching activities ('96-98); The 1st AWTI Symposium on Sustainable Water Resources Development was held and established a series of annual national conferences in water resources research ('97); The 10th Anniversary of AWTI was honored by the official visit from the German Ambassador and the Registrar of U Siegen ('97); 3 AWTI lecturers went to Germany for their PhD studies on sediment transport and water quality in the tributaries to Lake Abaya (TU Dresden/U Siegen) ('00); Seleshi Bekele Awulachew graduated as the first AWTI lecturer with a PhD degree from a German University (TU Dresden) ('01); Expansion of hydrological and meteorological network started for sustainable lake and catchment research ('01); Field research on soil erosion risk assessment in Bilate River Catchment started by a German PhD student (U Siegen/FU Berlin) ('02); International Field Course on Watershed Management organized by U Siegen, U Trier and AWTI for an international and interdisciplinary group of students ('02); Expansion Programme of AWTI started and AWTI grew to have 4 faculties and one graduate school ('02); Extensive field research conducted on Lake Abaya of a German Master student (U Trier) funded by U Siegen/U Munich, DAAD, GTZ.		
	1986-1986	<i>Establishment of the Arba Minch Water Technology Institute by the Ethiopian Water Resources Commission</i>	The establishment of AWTI was supported with major contributions by the EU, German Government, Government of the Soviet Union & other donors: establishment of workshops, water, hydraulic and geotechnical laboratories etc. Funded by BMZ, executed by GTZ/RODECO. Partner countries/Institutions: The Ethiopian Water Resources Commission		See the above link
	1979-1990	<i>Training of Water Works Personnel within the Context of the Programme "Water Supply for 83 Towns"</i>	Training of water works personnel was done at the beginning at the "Provisional Arba Minch Training Centre": Training of plumbers, mechanics, electricians, technical managers funded by BMZ, executed by GTZ/RODECO. Partner countries/Institutions: Ethiopian Water Resources Authority (EWRA) & Urban Water and Sewerage Authority (UWSA)		See the above link
Germany & Switzerland	2009-	<i>Sahay Solar Project (Sahay Solar)</i>	Solar Electrification of rural health centers & Schools in Gamo & Gofa Zones (phase I & II): Improved health and School Services supported by the Sahay Solar Association Africa e.v. Partner countries/Institutions: University of Applied Sciences & Arts of Southern Switzerland (SUPSI), Lucerne University of Applied	Zelalem G., Engidaw A., Sodessa S.	http://sahay-solar.org/?lang=en

AMU's completed collaborative projects

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			Sciences and Arts, and Gamo & Gofa Zones		
Italy	2021-2023	<i>ICGEB Enset Project (AMU-ICGEB)</i>	Examination of the interaction between <i>Leuconostoc mesenteroides</i> and <i>Lactobacillus plantarum</i> for safe and quality enset (<i>Ensete ventricosum</i>) fermentation supported by ICGEB with a total fund of €45,000	Dr. Addisu Fekadu	https://www.icgeb.org/
Kenya	2021-2023	<i>AMU-Villgro-Africa enset project (Lucy Enset)</i>	Promotion of value added enset based-food products in East Africa Funded by Villgro Africa with a total budget of €16,305	Dr. Addisu Fekadu	https://villgroafrica.org/
Netherlands	2018-2020	<i>Bilateral Ethiopia Netherlands Efforts for Food, Income and Trade Partnership in Ethiopia (BENEFIT REALIZE)</i>	Enhancing agri productivity: Livelihood improvement in the southern region supported by Wageningen UR with a total budget of €226,149. Partner countries/Institutions: Hawassa, SNNPR Agri office	Dr. Mebratu Alemu	Res. & Comm. V/P
	2015-2019	<i>Understanding and forecasting food security in Ethiopia: a new, high-spatial-resolution coupled agrometeorological model</i>	Establishment of the Gamo Ethiopian Meteorological Stations Network (GEMS) (6 Automatic Weather Stations [AWS], currently 9 AWS and 6 tipping buckets) in the Gamo highlands and support of a PhD education in Wageningen UR funded by Nuffic with a budget of €11,580	Dr. Thomas Torora	https://research.wur.nl/en/projects/understanding-and-forecasting-food-security-in-ethiopia-a-new-high
	2007-2010	<i>Education Quality Improvement Program (EQIP)</i>	Support academic development resource center funded by NPT with a total budget of €13,000	Dr. Anto Arkato	Res. & Comm. V/P
	2015-2019	<i>NICHE-97-Small Scale irrigation project (NICHE-97)</i>	Capacity building and improve performance of small-scale irrigation in Ethiopia funded by Nuffic . Partner countries/Institutions: HW, BD, MU, JU, DU, HU		
	2021-2022	<i>BRIGHT FUTURE IN AGRICULTURE- SOUTH (BFA-SOUTH): QUALITY AND EMPLOYABILITY OF ETHIOPIAN ATVET GRADUATES IN HORTICULTURE (BFA-South)</i>	As Bright Future in Agriculture - South (BFA-South), this project is targeting explicitly the South region of Ethiopia (the axis Addis Ababa – Hawassa – Arba Minch), rich in vegetable and fruit production with high export opportunities and linkages with the Dutch horticultural businesses. It is based on the notion that improving the quality and employability of ATVET graduates necessitates changes on local, regional and federal level through triple helix partnerships. Introducing some new partners, BFA-South explicitly aims to integrate these new partners in the existing BFA learning network and as such envisages to come to a mutually beneficially capacity building in both projects supported by NUFFIC	Prof. Dr. Yisehak Kechero	https://www.amu.edu.et/1720-amu-likely-to-sign-big-ticket-project-worth-17-million-with-msm

AMU's completed collaborative projects

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			with a total budget of €1,468,903. Partner countries/Institutions: TVET colleges		
Norway	2014-2026	<i>The Norwegian Programme for Capacity Development in Higher Education and Research for Development (NORHED) in Norway (NORHED-SENUPH I & II)</i>	The South Ethiopia Network of Universities in Public Health phase I & II (SENUPH I & II): improving women's participation in post-graduate education and capacity building in health system supported by NORAD with a total budget of €217,044	Dr. Fekadu Massebo	https://senuph.w.uib.no/senuph-i-project-2014-2020/arba-minch-university/ ; https://senuph.w.uib.no/senuph-ii-project/
	2007-2012	<i>Ethiopian Malaria Prediction System (EMAPS)</i>	Incorporate climate variability and forecast information for malaria epidemics has been developed supported by NUFU . Partner countries/Institutions: AAU, NMA, AMU,	Bernt Lindtjørn	https://www.uib.no/en/cih/72048/ethiopian-malaria-prediction-system-emaps
Spain		<i>Strengthening Agroforestry Programmes in Higher Education for Food Security in Sub-Saharan Africa – SAPHE</i>	Capacity building through initiating master programmes in beneficiary universities in Ethiopia (AMU & Wondo-Genet College of Forestry and Natural Resources) and West Africa: Short-term (i.e., 6 month) training for a staff from Department of Forestry provided; A master program, Master of Science in Agroforestry, opened under the department of Forestry. Books and other (field equipment's provided funded by the University of Valladolid . Partner countries/Institutions: West Africa countries, Wondo-Genet College of Forestry and Natural Resources	Yonas Ugo	
Switzerland	2009-2022	<i>The rural-urban nexus: Establishing a nutrient loop to improve city region food system resilience (RUNRES)</i>	The vision of RUNRES is to establish, through transdisciplinary innovation platforms, locally important value chains (i.e., fruit, coffee, cassava, vegetables) and rural and urban waste recycling solutions to generate an improved flow of resources in order to improve the resilience of rural-urban food systems. Funded by the Swiss Agency for Development and Cooperation with a total budget of €557,337. Partner countries/Institutions: Switzerland (ETH-Zurich), South Africa (University of Kwazulu-Natal), DRC and Rwanda (ITTA)	Dr. Simon Shibru	
UK	2006-2007	<i>Biocultural seminar</i>	Awareness creation on Biocultural conservation and dissemination of information supported by the Christensun Fund with a total budget of €18,000	Dr. Simon Shibru	
USA, UK	2015-2021	<i>Conservation of Yams and Yam Bio-cultural Knowledge in</i>	Promoting in situ conservation via the establishment of village yam: Compiling data on yam cultivation status, diversity, management practices and local	Dr. Feleke G., Dr	

AMU's completed collaborative projects

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		<i>South West Ethiopia (Yam)</i>	knowledge associated with yam supported by The Christenson Fund and Kew Royal Botanic Gardens	Tizazu Gebre	
USA	2012-2013	<i>Laelay Dayu Small-scale irrigation project in Ethiopia</i>	Introducing gravity irrigation: Improving household food security Oxfam America	Dr Negash, Dr Kassa, Dr. Mokonnen	
	2012-2013	<i>Improving HIV/AIDS/STI/TB Related public health practice and service delivery</i>	Strengthening health service system in Ethiopia: Strengthening health service system in Ethiopia supported by CDC USA	Bereket Teffera	
	2004-	<i>Post-secondary Education Project (DIF)</i>	Capacity building supported by World Bank with budget of €270,672	Dr. Simon Shibru	
World Bank	2009-2010	<i>General Education Quality Improvement Program (GEQUIP)</i>	Support teacher education programs supported by World Bank . Partner institution: MoE	Dr. Tesfaye Habtemariam	
	? ?	DFID			
Ethiopia	2019-2022	<i>Innovative enset project (AMU-EBTi)</i>	Innovative Enset Technology for gentle processing, value added products, safe storage and longer shelf life funded by EBTi with a total budget of €121,257	Dr. Addisu Fekadu	www.ebti.et
	2021-2021	<i>integrated post MDA coverage validation survey of the national school-based deworming campaign (NTD)</i>	conducting post MDA coverage validation survey of the national school-based deworming campaign: Improve the coverage of the national school deworming program supported by Ministry of health- Ethiopia, EPHI, SCI, End fund	Tsegaye Yohanes	
	2019-2019	<i>Independent Monitoring of Ethiopia's School-Based Deworming Program and Training on Lymphedema Morbidity Management and Disability Prevention training for health care providers and NTD focal from selected</i>	Independent Monitoring activity of the national school-based deworming, providing training for Health professionals on LEDMM improve the overall quality of lymphedema morbidity management and disability prevention in the region: Improve the national school deworming program and reduce NTDs morbidity and mortality supported by Ministry of health- Ethiopia, EPHI, SCI, End fund	Tsegaye Yohanes	

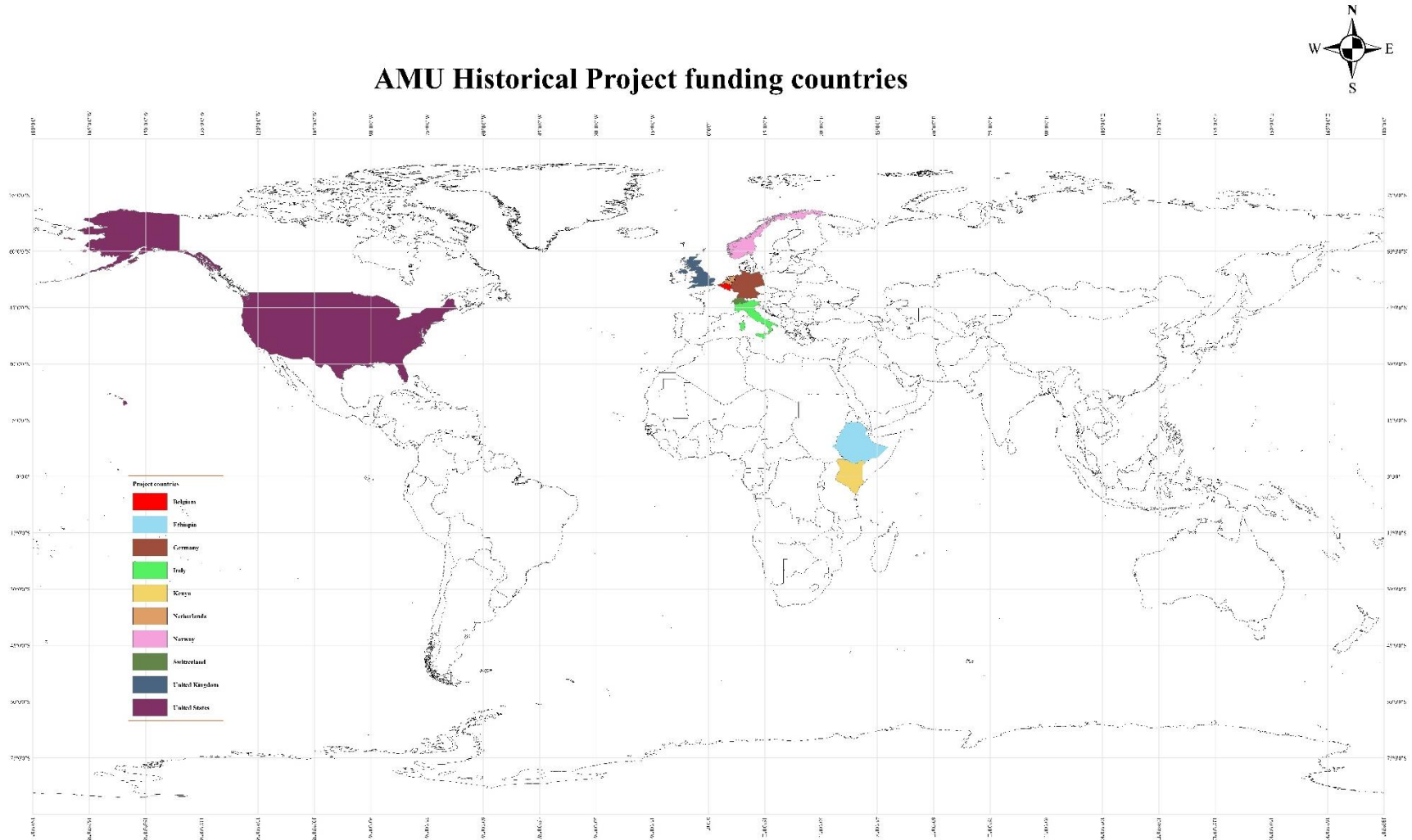
AMU's completed collaborative projects

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		<i>districts of SNNPR, Ethiopia, 2020 (NTD)</i>			
	2018-2018	<i>Independent Monitoring of Ethiopia's School-Based Deworming Program and conducting post MDA coverage validation survey of the national school-based deworming campaign (NTD)</i>	Independent Monitoring of Ethiopia's School-Based Deworming Program and conducting post MDA coverage validation survey of the national school-based deworming campaign: Improve the national school deworming program and reduce NTDs morbidity and mortality additionally Improve the coverage of the national school deworming program supported by Ministry of health- Ethiopia, EPHI, SCI, End fund	Zerihun Zerdo	
	2017-2018	<i>Maximizing the development and safe utilization of Moringa stenopetala through interdisciplinary investigation approach (Moringa-EPHI)</i>	Maximizing the benefits obtained from moringa supported by MoST with a total budget of €160,467. Partner countries/Institutions: EPHI, EBI, EFRI, AAU, Konso	Dr. Simon Shibru	
	2017-2017	<i>Independent Monitoring of Ethiopia's School-Based Deworming Program and conducting post MDA coverage validation survey of the national school-based deworming campaign (NTD)</i>	Independent Monitoring of Ethiopia's School-Based Deworming Program and conducting post MDA coverage validation survey of the national school-based deworming campaign: Improve the national school deworming program and reduce NTDs morbidity and mortality additionally Improve the coverage of the national school deworming program supported by Ministry of health- Ethiopia, EPHI, SCI, End fund	Tigist Gezmu	
	2016-2016	<i>Independent Monitoring of Ethiopia's School-Based Deworming Program (NTD)</i>	Independent Monitoring activity of the national school-based deworming: Improve the national school deworming program and reduce NTDs morbidity and mortality supported by Ministry of health- Ethiopia, EPHI, SCI, End fund	Tigist Gezmu	
	2015-2017	<i>Climate change on water resources, flood risk modeling in lower reach of Omo-Gibe basin</i>	To assess the effect of climate change, flood risk and early-warning for lower OMO sub basin funded by MOWiE with a total budget of €10,000. Partner countries/Institutions: MoWiE	Dr. Abdella Kemal	
	2015-2015	<i>Independent Monitoring of Ethiopia's School-Based Deworming Program (NTD)</i>	Independent Monitoring activity of the national school-based deworming: Improve the national school deworming program and reduce NTDs morbidity and mortality funded by Ministry of health- Ethiopia, EPHI, SCI, End fund	Tigist Gezmu	

AMU's completed collaborative projects

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	2014-2020	<i>ERA Program (ERA)</i>	To produce staff trained in hydraulic, Road, Geotechnical, structural and construction technology and management stream supported by ERA . Partner countries/Institutions: HU, JU, AU, ASTU, BDU	Dr. Alemayeh, Silent, Dr. Demelash	

Partner countries in maps



Data sources

1. <https://iuc.amu.edu.et/>
2. <https://www.vliruos.be/en/projects/project/22?pid=2844>
3. <https://cordis.europa.eu/project/id/265676>
4. <http://rosa.boku.ao.at/>
5. <https://cordis.europa.eu/project/id/37025>
6. <https://pdfslide.net/documents/assistance-to-arba-minch-water-technology-institute-awti-to-arba-minch-water-technology.html>
7. <http://sahay-solar.org/?lang=en>
8. <https://www.icgeb.org/>
9. <https://villgroafrica.org/>
10. <https://research.wur.nl/en/projects/understanding-and-forecasting-food-security-in-ethiopia-a-new-hig>
11. <https://www.amu.edu.et/1720-amu-likely-to-sign-big-ticket-project-worth-17-million-with-msm>
12. <https://senuph.w.uib.no/senuph-i-project-2014-2020/arba-minch-university/> ;
13. <https://senuph.w.uib.no/senuph-ii-project/>
14. <https://www.uib.no/en/cih/72048/ethiopian-malaria-prediction-system-emaps>
15. www.ebti.et
16. Archives from the Research and Community Services v/President
17. Archives from Water Technology Institute
18. Archives from college of Medicine and Health Sciences