



Mulungushi University

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Budget

€ 992.950,00

- **Project**
[AGRISCALE](#): Innovative learning and co-creation of teaching methodology for scaling entrepreneurship in food and agribusiness in Sub-Saharan Africa
 - **Mulungushi University structure involved**
Department of Agricultural Economics and Agribusiness, School of Agriculture and Natural Resources
 - **MU Team**
Prof. Emmanuel C. Musaba (**Local coordinator**)
 - Mr Edward Syampaku (Trainer), Mr James Mutambo (Trainer), Mrs Chalwe Sunga Kwangu (Trainer), Mr Erick Kabwe (Accountant)
 - **Project Duration:** 3 years
Start Date: 01 Sept 2020
End Date: 31 Aug 2023 extended 30th March 2024
 - **Coordinator**
[Hame University Of Applied Science Ltd](#), Finland
 - **Partner countries involved:** Zambia, Uganda, Kenya
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Partner Universities and Countries

UGANDA: [Gulu University \(GU\)](#), [Bishop Stuart University \(BSU\)](#),

KENYA: [Jomo Kenyatta University of Agriculture And Technology \(JKUAT\)](#), [Egerton University](#),

ZAMBIA: [University Of Zambia](#), [Mulungushi University](#),

FINLAND: [Aalto Korkeakoulusaatio Sr \(Aalto\)](#), [Hame University Of Applied Science Ltd \(HAMK\)](#)

ITALY: [University of Pavia in Italy \(UNIPV\)](#)

In the [AgriSCALE](#) project, the EU HEIs aim to develop a **contextualized PBL education method appropriate in SSA**. The project addresses the strategic bottleneck of the HEIs to equip graduates with an entrepreneurial mindset and competences to solve complex development challenges in the agro-sector.

The project cooperation is based on PBL methodology development, the training of teaching staff on PBL methods and tools, and joint piloting of PBL cases in cooperation with the student teams involved.

The objective is to establish **PBL into the agro-entrepreneur curricula** of the partner HEIs in KE, UG and ZM. EU HEIs bring their PBL expertise to the project and all HEIs contribute to student field challenges; Aalto facilitates PBL learning in real-life contexts; Aalto and HAMK co-lead competence-based quality assurance; UNIPV develops the PBL expert teachers' network and Best Practice PBL Manual for dissemination to SSA; and HAMK in the overall management and research-based PBL methodology development. At the end of the project, the six participating HEIs will continue the PBL entrepreneurship courses.

Project Outcomes/Activities undertaken by MU

- 1. MU/SANR Staff trained on curriculum development**, learning outcomes and application of the Bloom's taxonomy. Facilitated updating curricula in five programs namely (Bachelor of Agribusiness Management, MSc Agribusiness, Bsc Agronomy Bsc Land Water Management Bsc Agriculture). BSc Env. Studies)
- 2. 19 MU staff trained on Problem-Based Learning and Teaching Methodology** by Experts from Finland's HAMK and Aalto Universities in 2021 between May and November.
- 3. SANR under AgriSCALE Project acquired a Projector and a Conferencing Camera** in April 2022.
- 4. Enhancing University-Industry Linkages and student exposure to real world problems through student research/innovative research referred to as "Student challenges"**
 - a. Mrs Kwangu (Trainer) and 6 MU students participated in the Super Trinity Pre-cooked Beans student challenge at UNZA in February 2023, jointly held with UNZA, HAMK and MU.
 - b. Mr E. Syampaku (Trainers) and Mr Mutambo (Trainer) and 8 MU students participated in the Mpima Dairy student challenge at Mulungushi University in March 2023, jointly held with UNZA, BSU, HAMK and MU.
 - c. Mr J. Mutambo (Trainer) and 6 MU students participated in the Entrust Feed student challenge at UNZA in February 2024, jointly held with UNZA, BSU, HAMK and MU.
- 5. Enhancing University Partnerships through joint holding of training workshops and student challenges in partner countries**

- a. Mrs Mary Lubinda and Prof Emmanuel Musaba had a 5-day exposure visit in September 2022 to Aalto and HAMK universities in Finland and exposed to how PBL is implemented in the Finnish universities and the existing industry-university linkages.
- b. 4 SANR staff physically attended workshops at UNZA (June 2023), and 2 SANR Staff participated in the Workshop in Nairobi at JKUAT in March 2024.

6. Joint Research Article Publications

- a. About 8 research articles jointly published by MU staff under AgriSCALE.

7. Contribution to income generation for the university through hiring services (catering and transport) of the Business centre while hosting Student challenges at MU.