



# AgriSCALE

Scaling agro-entrepreneurship  
through problem-based learning



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## Project Publications 2020–2024

### Publications on Educational Framework

1. [Problem-based learning framework for agricultural extension to boost agricultural productivity in Sub-Saharan Africa-](#)
2. [Challenges of using problem-based learning in Africa's higher](#)
3. [Educational perspective for solving Zambia's and Kenya's dairy value chain challenges](#)
4. [Sub-Saharan African university staff's perceptions on curricula delivery methods-](#)

### Publications on Curricula Reformation

1. [Competence-Based Curriculum: Perceptions of the DACUM Method in Sub-Saharan Africa-](#)
2. [Transformation towards problem-based learning in East and Southern Africa: Perceptions from the field](#)

### Publications on Company Cooperation

1. [Tips for planning real-life cases and company cooperation for learning purposes-](#)
1. [What makes a good mentor in problem-based learning?-](#)
2. [East-African teachers' perceptions of PBL: Potential for up-scaling](#)

### Publications on Learning Environment

1. [Observed change in the class atmosphere during transformation to student-centered methods](#)
2. [Building a safe learning environment](#)
3. [Building effective student teams in problem-based learning](#)

### **Publications on Student Challenges Experiences**

1. ["My experience, Student Projects in AgriSCALE"-](#)
2. [Lecturer Perspective on Student Challenges in AgriSCALE-projects](#)
3. [Association Inspired by Student Projects under AgriSCALE](#)
4. [A rural community utilizing water hyacinth for double benefits-](#)
5. [Experiencing Problem-Based Learning: Student Perspective-](#)
6. [Can water hyacinth be a game changer for domestic energy security in Lake Victoria region in western Kenya?](#)
7. [Developing Sustainable Tissue Culture Banana Value Chain, 2023](#)

### **Publications on Professional Development**

1. [University Staff's Perceptions on Pedagogy in Agricultural Education in East and Southern Africa -](#)
2. [The challenges and needs of professional teacher training-](#)
3. [Professional training on problem-based learning for East and Southern Africa-](#)

### **Publications on Implementing PBL**

1. [Introducing a student challenge](#)
2. [Application of problem-based learning in higher education in soil and climate change studies in Sub-Saharan Africa](#)
3. [Building effective student teams in problem-based learning](#)