African-German partnership to enhance resource use efficiency in urban and peri-urban agriculture for improved food security in West African cities

Joint research sites and partners in West Africa

Burkina Faso: INERA, CIRDES, University of Ouagadougou, BELWET
Ghana: Soil Research Institute of Ghana, University for Development Studies, Tamale
Nkumah University of Science and Technology, University of Ghana
Mali: Institute d’Économie Rurale, Point Sud
Cameroon: SHUMAS
Nigeria: Ahmadu Bello University

International: International Water Management Institute (IWMI), The World Vegetable Center (AVRDC), RUAF Foundation

German partner universities

Project management and coordination
Prof. A. Bürkert, University of Kassel
Prof. B. Marschner, Ruhr-University Bochum

Agronomy
Prof. A. Bürkert, University of Kassel (with ICDD)

Animal husbandry
Prof. E. Schlecht, University of Kassel and Georg-August-Universität Göttingen

Soil productivity
Prof. B. Marschner, Ruhr-University Bochum

Waste water engineering
Dr. M. Lübken & Prof. M. Wichern, Ruhr-University Bochum

Social anthropology
Prof. N. Schareika, University of Göttingen

Economics
Prof. W. Löwenstein, Ruhr-University Bochum

Food security assessment
Prof. A. Drescher & Prof. R. Glaser, University of Freiburg

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Objectives

The multi-disciplinary UrbanFoodPlus network of German, African, and international scientists, private sector representatives, and stakeholders aims at developing site-specific, farmer-tailored innovations for improved agricultural production, food safety, and value chains in four major West African cities.

On-farm experiments, workshops, and policy dialogue will allow to detect bottlenecks in UPA production and marketing chains, and identify and test-implement options to overcome them.

An International Graduate School will enhance scientific capacity building and knowledge transfer.

Urban FoodPlus Targets and Disciplines

- Food Production / Agronomy
- Soil Sciences / Civil Engineering
- Irrigation / Water Use Efficiency
- Food Security & Safety
- Animal Husbandry / Social Anthropology
- Economics & Geography
- Policies

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