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“Food and nutrition security and its resilience
to global crises”

Building Evidence to Foster Sustainable Food and Forestry Systems: Sharing Experiences from Research Projects Funded by the Federal Ministry of Food and Agriculture

SILVIA DIETZ

*Federal Ministry of Food and Agriculture (BMEL), Division 123, Research and Innovation, Coordination
of Research Area, Germany*

Abstract

The BMEL is committed to contribute to the design of sustainable and resilient agricultural, forestry, aquatic and food systems worldwide. The BMEL promotes context-oriented and locally adapted approaches and supports closing existing knowledge gaps.

Contributing to the improvement of global food security, the BMEL established the funding instrument “Research Cooperation for Global Food Security and Nutrition”. Funded projects within this scheme strengthen the German contribution to agricultural and nutritional research by improving food systems in partner countries and building long-term partnerships between agricultural and nutritional research institutions in Germany, Africa, South and Southeast Asia.

In addition, BMEL supports jointly funded cross-continental projects to build a long-term EU-Africa research partnership on Food and Nutrition Security and Sustainable Agriculture (FNSSA).

To promote reforestation and sustainable utilisation of forestry resources worldwide, BMEL also dedicates funds for international research projects. These projects closely collaborate with local institutions to create situated knowledge and build required capacities to identify sustainable solutions for forest management.

The Federal Office for Agriculture and Food (BLE) acts as project executing agency.

The BMEL-Session will provide insights into the diverse contexts and approaches of selected research projects:

- “Processing of edible insects for improved nutrition (ProciNut)”, Center for Development Research, University of Bonn
- “Small Fish and Food Security: Towards innovative integration of fish in African food systems to improve nutrition (SmallFishFood)”, German Federal Institute for Risk Assessment (BfR)
- “Multifunctionality of mixed agroforestry systems in Kalimantan – Improving data basis and solutions for sustainable biodiversity conservation and rural development (AgroforstKalimantan)”, Borneo Orangutan Survival Deutschland e.V., Fairventures Worldwide

The session aims to illustrate the contribution of applied research projects towards strengthening the resilience of agricultural, forestry, aquatic and food systems with respect to multiple risks. In addition to the presentations on three selected projects, the session will provide the opportunity for an enriching exchange.

Keywords: Food and nutrition security, global South, international research cooperation, international sustainable forest management