



Competence in Sustainable Resource Management

MOSA – Modules on Sustainable Agriculture

Linking nutrition and food security to the farming system
and the environment

Objectives of the training

Farmers and pastoralists cultivate and manage livestock and crops and make value of water, sun and soils. Natural resources are the basis for food and feed production. A sufficient and constant supply of farming products is the foundation of food security. Farmers and peasants have acquired knowledge over centuries how best to adapt to changing climatic conditions and economic realities. Modernization and technological innovations have led to a steady increase of agricultural output. However, while in some regions production systems lack the capacity to adapt to environmental and economic hazards and challenges, other regions discover the effects of over-exploitation and the degradation of soils.

A large number of studies have revealed that in the course of modernization and technological progress, extension workers, development experts and technical advisors have not been able to advance in terms of a general awareness of sustainable agricultural practices. A general view on the system in which natural resources are transformed into products for human consumption and how these livelihood-systems achieve sustainability and become resilient can be described as deficient.

Content of the training

- Changing ideas and current concerns about sustainable agricultural development in the context of climatic changes
- Maintenance of soil fertility and biodiversity in the context of sanitary challenges and plant protection
- Rural livelihoods, labour conditions and socio-economic requirements
- Water-economy and water-management
- Animal husbandry, manure and fodder-production
- Energy demands and supply systems for energy-efficient agricultural production

Benefit for the participants:

- ✓ Learn from practical examples of experts and other participants
- ✓ Reflect on challenges one has come across in a particular field of work
- ✓ Improve knowledge on technical and managerial solutions in view of sustainability, climatic challenges and resilience of livelihood systems
- ✓ Meet people and increase your professional network

Target group

The training addresses the need of advisers and experts involved in rural development and natural resource management to understand agro-pastoral livelihood systems as an integral part of a holistic approach to food and nutritional security.

Number of participants

15 -20

Date and Duration

5 days, arrival on Sunday
advised

Starting Mo, June 29th

Ending Fr, July 3rd, 2015

Venue

Feldafing

<https://www.giz.de/en/worldwide/16583.html>

Language

English

Tuition fee

€1.770,- for participants
registered and financed by GIZ
programs

€2.070,- for any other
participants

Be advised that accommodation,
transport and meals are not
included

Registration

Kundenportal-aiz@giz.de

Lead trainer

Udo Höggel,
Senior Research Scientist,
Centre for Development and
Environment, University of Berne

Additional inputs by GIZ

Sectoral Projects Sustainable
Agriculture (NAREN) experts:
Alexander Schöning, Friederike
Kraemer, Alberto Camacho,
Dieter Nill, Carola von Morstein,
Bruno Schuler, Tanja Pickard

Further information

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