Beyond the degree

Presented on the Alumni Talks

Organized by
Austrian Agency for International Cooperation in Education and Research (OeAD-GmbH)

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Presentation outline

• Background
• Study in UNI-BOKU
• Capacity building initiatives and achievement
  • 1998 – 2013
Ethiopia

- Has 1.1m Km² area
- The 2nd highly populated
- Has diverse agro-ecology
- 13 months sunshine
- Huge water resource (122 bM³ & 26 bM³)
- One of the 8 center of genetic diversity
- Land of Lucy (Dinknesh)

Amhara region

- 35.1% of the cropland
- 30.4% of the crop production
- 28.2% of the livestock population
- 22.4% of the human population
- 15% of the area
<table>
<thead>
<tr>
<th>TYPES OF ANIMALS</th>
<th>ESTIMATED NUMBER OF SPECIES</th>
<th>ENDEMIC</th>
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<td>INSECTS</td>
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Schematic representation of vegetation types

Horizontal distance: 600 mas
Cereal Crops
Pulse & Oil Crops
Livestock


• Amhara Region Bureau of Agriculture and Rural Development (ARBOA)
• Amhara Region Agricultural Research Institute (ARARI),
• Ethiopian Agricultural Research Organization (EARO), and
• Austrian Embassy Development Cooperation (AEDC) found in Addis Ababa.

**Memorandum of Understanding (MoU)**
The MoU had been signed in Jan. 2002.
Major objectives of the MOU of cooperation were to:

- initiate collaborative research on the development, sustainable utilization and conservation of natural resources in Ethiopia;
- provide, short-, medium- and long-term training for both Ethiopian and Austrian scientists in the fields of natural resources management and conservation and
- create opportunities for exchange of scientists and materials between the two countries for research & capacity building.
Priority areas

Soils:
- Soil and water conservation (S1)
- Soil fertility improvement (S2)
- Moisture management and water harvesting/supplementary irrigation (S3)

Forestry:
- Farm forestry (F1)
- Social forestry (disturbed forest and degraded land rehabilitation for dry-lands) (F2)
- Non-timber forestry (F3)

Short-term training:
- Lab-technicians (soil analysis, instrumentation, etc...) ST1
- Research methodologies and other techniques (statistics, biometrics, econometrics, participatory approach, GIS) ST2
## Yearly plan

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## Achievements to the end of 2006

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<th>INSTITUTIONS</th>
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<th>Short – term research</th>
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August 2006
Program Evaluated and found successful
Evaluation result

• The program is found to be successful

• It has given an opportunity for many Ethiopian practitioners, researchers and academicians to study in Vienna

• It has given an opportunity for the Austrian Academicians to visit Ethiopia and to do research work with Ethiopian students

The cooperation was recommended to continue as a second phase merged with the food security program funded by ADC
Sustainable Resource Management Program in North Gondar (SRMP-NG)
January 2008 - December 2012

Overall objective

to contribute to sustainable rural development and improvement of food security in North Gondar through rational use and conservation of natural resources

Purpose

to increase income of households in selected weredas of North Gondar as a result of adoption of sustainable resource management practices

<table>
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<th>Degree levels</th>
<th>Area of studies</th>
<th>Proposed targets</th>
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<tr>
<td>PhD</td>
<td>Relevant to the program</td>
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</table>
| MSc           | • Mountain Forestry
               • Management of protected area
               • Engineering Geology and Mountain Risk Management | 15               |
| BSc           | Relevant to the program                 | 30               |
The program envisaged to link **extension**, **education**, and **research**, which are the three pillars of economic development and poverty eradication.
The Austrian scholarship program instrument served for many years, the North-South Dialogue Program, has undergone a fundamental re-structuring. The new program instrument, the Austrian Partnership Program in Higher Education and Research for Development (APPEAR) focus on institutional cooperation between universities and research institutes in Austria and partner countries.
International Experts Workshop on the Guidelines for the Austrian Partnership Program in Higher Education and Research for Development (APPEAR) February 25th and 26th, 2010
Project Planning Team

1. Bahir Dar University
2. Gondar University
3. Amhara Region Agricultural Research Institute (ARARI)
4. University of Natural Resources and Life Sciences, Vienna (BOKU)
5. Sustainable Natural Resource Management Programme in North Gondar, SRMP-NG
6. Resource person
Strengthening Rural Transformation Competences of Higher Education and Research Institutions in the Amhara Region, Ethiopia
Main objective

The main objective of this project is to strengthen transformation competences of Gondar University, Bahir Dar University and ARARI in research and training.

Specific objectives

Based on this main objective, the project will realise four specific objectives.

1. Adapting existing and developing new methodologies for inter- and transdisciplinary research, training and outreach that facilitate institutional learning and rural transformation.

2. Develop the human and institutional capacity of , and ARARI in education, research and outreach enabling them to become facilitators of intended transformation in rural areas.

3. Generating knowledge for understanding and facilitating institutional learning, rural transformation and change in the Amhara region.

4. Institutionalising self-reflective learning procedures and methodologies across disciplines, units within and beyond partner institutions for sustaining transdisciplinary academic partnerships.
Expected results

Result 1. Methodologies for inter- and transdisciplinary research, training and outreach that facilitate institutional learning and transformation developed and adapted.

Result 2. Human and institutional capacity of partner institutions in education, research and outreach to enable them to become facilitators of intended transformation in rural areas developed.

Result 3. Knowledge for understanding and facilitating institutional learning, rural transformation and change in the Amhara region developed.

Result 4. Self-reflective learning procedures and methodologies across disciplines, units within and beyond partner institutions for sustaining development institutionalized.
Indoor discussions
5th consortium meeting (13+14/02/13)
(New initiative took place)
Thank you very much for your attentions!