The Project EduLAND2
Implementation of Academic Land Administration Education in Ethiopia for Supporting Sustainable Development

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financed by
Austrian Development Cooperation
EduLAND2
Project Figures

- Project number: Project113
- Acronym: EduLAND2
- Project start: 01.03.2016
- Project end: 28.02.2020
- Partners: BOKU, DMU, TUW, and BDU
- Main Project site for Implementation: Debre Markos University (DMU)
- Total project fund: € 418,231
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Project Background

• Proper management and administration of the crucial resource “LAND” is one success factor for food security, economic growth, social stability, environmental protection, and equality in a country.

• Good governance of “LAND” only can be guaranteed by a proper legal framework, by sufficient information about land, by well-performing land administration to be fulfilled mainly by a sufficient number of land professionals.

• Currently a few number of land professionals are available, but about 50.000 are required within the next ten years (UNDP, 2015)
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Objectives

• General objective of this academic project is to improve the livelihood of Ethiopian society by
  ▪ increasing the knowledge, competences, and skills of experts working in the field of land administration, and
  ▪ to provide enhanced geodata-sets for land-related decision-making

• EduLAND2 will increase the number of land administration professionals in Ethiopia.

• EduLAND2 will increase knowledge, skills and competences in problem solving on the topic of land administration in Ethiopia and in Austria.
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Objectives ...cont.

• EduLAND2 will deliver demand-driven community services in the area of land administration.
• EduLAND2 is a driver for long-term cooperation between all partner institutions (DMU, BOKU, BDU, TUW)
• EduLAND2 is promoting gender mainstreaming on land rights in Ethiopia and in Austria.
• EduLAND2 is increasing the number of female experts / academics for Ethiopian land administration.
• EduLAND2 will outline possibilities for the acquisition, storage and modelling of information about land by using Remote Sensing and GIS technology.
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How to achieve objectives

• Establishment of a Land Administration Competence Centre at Debre Markos University
• Design, Development and Running of a BSc land administration program at DMU
• Promotion of gender-related information (indicators) in the field of land administration
• Delivery of land administration services for the local community
• Joint research activities between all partners on land administration issues
• Network-building and Communication between partners and stakeholders in Ethiopia and Austria
Equal Partnerships
Conceptual Design / Principles

• Based on the principle of co-operation, mutual learning and mutual understanding
• Bi-directional knowledge transfer (Austria → Ethiopia & Ethiopia → Austria)
• Knowledge exchange between all project partners and stakeholders in both countries
• Joint research activities as part of the project
• Staff mobility (both directions) as part of the project
• Mutual learning and understanding of each other’s culture
• Partnership beyond the duration of the project
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Achievements of First Year (Extract)

- Institute of Land Administration is established at DMU in March 2016
- Selection of Ethiopian candidates for Academic Education at BOKU and Admission Process
- Design, Development & Approval of Curriculum “Land Administration and Surveying”
- Students Enrolment and Launch of Bachelor Program
- Furnishing and organizing of Computer Lab
- Promotion of Project
# EduLAND2 - Workplan

## 2nd Year

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<td>Study tour to Austrian institution on land administration and land consolidation / rural land development</td>
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<td>WP 3 Curriculum Development and Implementation</td>
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<td>Curriculum design (based on ILA curriculum, results of demand assessment and discussion with stakeholders)</td>
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<td>Implementation and running the curriculum</td>
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<td>WP 4 Procurement and Provision of Teaching &amp; Research Facilities and Learning Materials</td>
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## EduLAND2 - Workplan

### 2nd Year

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<th>WORK PACKAGES</th>
<th>Work Package Title</th>
<th>Activities</th>
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<td>WP 6</td>
<td>Joint Research activities</td>
<td>Design and detailed set-up of two research studies</td>
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<td>Conducting Research Study on semi-automatic parcel boundary delination and land cover classification</td>
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<td>Conducting Feasibility Study on the status quo and challenges of agricultural (land) structures</td>
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<td>Preparation of a proposal for a follow-up research project based on results of outlined studies</td>
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|               | Provision of community services | Assessment of training needs for Kebele Land Administration Work Staff | March 2017 - May 2017 |
|               |                                   | Preparation of short-term training courses (content and learning materials) | June 2017 - August 2017 |
|               |                                   | Conducting short term training for Kebele Land Administration Work Staff | September 2017 - November 2017 |
|               |                                   | Delivering short-term training on gender | December 2017 - February 2018 |
|               |                                   | Delivering training for local community (farmers) on land administration proclamation and directive | March 2018 - May 2018 |

*financial support for one female student from project budget; additional students will apply separately for scholarship*
Activities Second year (extract)

• Project Meeting Vienna

• Research contents for the two feasibility studies discussed and fixed:
  ▪ “Status Quo and Challenges of Agricultural Structures”
  ▪ “Semi-Automatic Boundary Delimitation and Land Cover Classification”

• For 2018 and 2019 the Austrian training and teaching activities for students and LA experts / staff were discussed and fixed

• Procurement of surveying Instruments and reference books fixed
Cont...

- Monitoring and Controlling
  - Annual Report and Financial Report - Year 1
  - Half Years Report – Year 2
- Dissemination – Promotion done by partners
  - Homepage at DMU, appear & BOKU
  - Appear in practice – 15th March 2017
  - Appear Alumni Talk & Project Presentation at Appear Advisory Board Meeting – 16th March 2017
- Project Presentation at Lecture “International Development Cooperation at TUW” – 10th May 2017
- Project Presentation at the Symposium of the European Academy and Land Development in Paris – 7th September 2017
Capacity building

- Study tour to Austria for DMU staff
- Short term Training for DMU staff & LA experts
- Sending students abroad (to Austria)
- Educating assistant lecturers at home
- Delivering courses to ILA/DMU students
- Training for surveying instruments
Training on Surveying Equipment

- 5 days training for the institute staff
- Training delivered by Jos.Hansen office in Addis Ababa
- Institute staff now is able to handle the surveying equipment and to give training to others
Running the Curriculum

First term (2016/17):
• In the second year (2017/18):
  • 50 were enrolled
  • 40 (13 males and 27 females) are still attending the bachelor study program

Second term (2017/18):
• In the first year (2017/18):
  • 60 were enrolled
  • 56 (37 males and 19 females) are attending the bachelor study program

Summer program (2017):
• 57 were enrolled
• All (34 males and 23 females) were attending their studies
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Activities First Year (Extract)

- Research Study on semi-automatic parcel boundary delimitation and land cover classification
- Feasibility Study on the status quo and challenges of agricultural structure
Project Year 1 & 2 – Working Activities (QM)

### Quality Management Overview

#### WORK PLAN EduLAND2

<table>
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<tr>
<th>WP Nr</th>
<th>Activities</th>
<th>Project Year 1</th>
<th>Project Year 2</th>
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<td>Review of the existing national land administration curricula based on need assessment</td>
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<td>6.1</td>
<td>Assessment of training needs for Kebele Land Administration Work Staff</td>
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<td>Delivering training for local community on land administration proclamation and directive Y2</td>
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Equal Partnerships
Implementation

• Joint development of project proposal
  ▪ Cooperation

• Integration of stakeholders into the project (e.g. needs analysis, study tours, consultations)
  ▪ Mutual knowledge transfer and knowledge exchange & Co-operation

• Outlining of two short-term research activities about ‘Semi-automatic parcel boundary delimitation and land cover classification’ and ‘Status quo and challenges of agricultural structures’
  ▪ Joint research activities & Mutual knowledge exchange & Co-operation

• Application for Appear-scholarships (3 PhD) for staff members of Ethiopian Universities
  ▪ Staff mobility & Joint research activities
Equal Partnerships
Implementation …cont.

• Team Teaching during short-term training units for staff and students
  ▪ Joint teaching activities
• Cultural program during visits
  ▪ Mutual understanding of culture and way of life
• Preparation of a proposal for a follow-up research project
  ▪ Partnership beyond project duration
• Co-ordinated decisions in project management & co-ordinated elaboration of project reports
  ▪ Co-operation and mutual understanding
Equal Partnerships
Success (up to now)

• **Friendships** between project partners *strengthened*

• **Experience** is obtained *in project management*
  (sharing of responsibilities and continuous exchange of information)

• **High representatives** of project partners are giving *attention* to the project (meetings with of project coordinators with rectors of DMU, BOKU and BDU)

• **Gained knowledge** from project partners and stakeholders of both countries (e.g. meetings with representatives of LA authorities and institutions and land holders)
Equal Partnerships
Lessons Learnt

- **Friendship** as one success factor for partnership
- Due **attention** of all partners is necessary for the successful running of the project
- **Specialized** solutions for Ethiopia are developed
- Knowledge about **historical areas** and **culture** of partner countries contributes to mutual understanding
- Austrian partners recognized a shift from **knowledge transfer** (Austria → Ethiopia) to **knowledge exchange**
- **Incorporating** of landholders (e.g. farmers) and representatives of civil associations (women, youth) is essential for sound partnership
- Some **gender-related land-right challenges** discussed in Ethiopia also appear in Austria (e.g. female-owned land statistics)
Requirements for Successful Partnership from Universities in Ethiopia …cont.

• **Continuous contact(s)** between staff members of universities in both countries
• Common project areas and **interest for co-operation** in research, teaching and community involvement
• **Brainstorming and discussion** and outlining of joint research topics
• **Preparatory funding** for project preparation (also for launching partnership)
• Successful project application
Requirements for Successful Partnership from Universities in Ethiopia … cont.

- Recognition of **equal partnership** between all project partners
- Staff and student **mobility**
- Involvement of **stakeholders**
- **Promoting and communicating** of the project content and results to the national and international community
- Launching **partnership in different disciplines** at same universities
- **Continuing capacity building and staff exchange** upon the finalization of the project by applying other funds for the successful continuation of joint research and teaching activities
Danke!!

Thank you!!