

Capacity Building  
Horticulture  
Ethiopia



**Working plan 2010**  
NPT-ETH-239/260



Management report 3  
September 2009



## **WORKING PLAN 2010**

**The Hague/Jimma, September 30, 2009**

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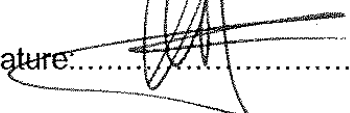
### ENDORSEMENT OF THE PLANING REPORT 2010

This report on the planning of project activities in the year 2010 of the NPT project "Capacity building for Sustainable Development of Horticulture in Ethiopia, NPT-ETH/239/260" is compiled on the basis of the inception report, the project progress and consultations between members of the project teams of Jimma University-College of Agriculture and Veterinary Medicine-Department of Horticulture, LEI Wageningen UR and its Dutch consortium partners and other stakeholders in the project.

Jimma University College of Agriculture and Veterinary Medicine and the Dutch consortium partners approve the report.

On behalf of LEI Wageningen UR, The Netherlands

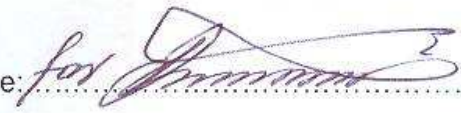
Name: A. de Jeger

Place: Den Haag Date: 20/9/09 Signature: 

On behalf Jimma University College of Agriculture and Veterinary Medicine (JUCAVM), Ethiopia

**Fikre Lemessa (Ph.D)**

Name: Dean

Place: Jimma Date: Sep. 30, 2009 Signature: 





## **1. INTRODUCTION**

In this report an overview of the planned activities for 2010 is presented. This planning is based on the 'planning of activities' presented in the inception report taking into account the progress made so far. The working plan has been endorsed by both partners, LEI Wageningen UR and JUCAVM. After a brief overall description of the project progress the planning for the coming project year is described for each working package following the project logical framework format used in the inception report.

## 2. BRIEF DESCRIPTION OF PROJECT PROGRESS

### *Inception phase*

The project started officially on October 1, 2007. During the first stage of the project, the inception phase, a detailed working plan was elaborated in consultation with the project partners and other stakeholders. The inception report was approved by NUFFIC in April 2008.

### *Staff development*

In 2008 and 2009 3 Training of Trainers Courses were implemented in The Netherlands for staff of JUCAVM, EHPEA and EHDA. 24 participants in total attended one of the trainings. Moreover, four staff members of JUCAVM have been selected for a PhD program in The Netherlands. Three have come to an agreement with a supervisor at Wageningen UR and have started their program. One candidate is still the in process of coming to Wageningen.

### *Curriculum development*

The MSc has been revised by JUCAVM staff with assistance from the Dutch project team based on discussions with the sector and a labour market analysis. The BSc curriculum is still under revision. Agreements were made on the financial support of female MSc students.

### *Course development*

A start has been made with revision of courses in both MSc and BSc curricula. Due to communication problems with the coordinator of the short courses program at EHPEA little progress was achieved in the short courses development. Instead, a ToT for the staff of the Ethiopian Horticultural Development Agency (EHDA) was organised and plans for assisting them in developing a complementary short course program are being made.

### *Investments in facilities and equipment*

Construction of a new greenhouse at JUCAVM and upgrading available facilities have started. Plans for investments in a greenhouse and related facilities on the proposed location of the Horticultural Practical Training Centre at Melkassa have been made but still need final approval.

### *Horticultural Practical Training Centre*

The project team, jointly with EHDA staff, prepared a business plan for the HPTC, which was approved by EHDA.

### *Organization, Communication and Cooperation*

The joint project management developed a well-functioning way for communication and collaboration, through regular Project Management Committee meetings, visits of the Dutch project manager to Jimma as well as intensive telephone and e-mail contact. In 2009 a Project Advisory Committee has been established consisting of representatives of JUCAVM, EHPEA, EHDA, Netherlands Embassy and the Dutch consortium. In addition, the Dutch team met regularly in the Netherlands to discuss project progress. A project Newsletter was published and the project website is operational ([www.hortitraining.org/Ethiopia](http://www.hortitraining.org/Ethiopia)).



### 3. PLANNING OF PROJECT ACTIVITIES IN 2010

In 2010, the project activities will focus on:

- Review the MSc and BSc courses, in particular teaching materials and teaching methods
- Development of support through buddy systems and master classes;
- Development of complementary short courses program with EHDA
- Strengthening gender component in curricula and short courses program
- Infrastructure development at HPTC

Here after, the project progress in the last year and planning for the coming year is described by working package, following the logframe format used in the inception report.

#### Working plan 2010 based on the project logical framework, as by September 25, 2009

Project description	Performance indicators	Implemented in last period	Planned activities 2010
<p><b>Overall objective:</b></p> <ul style="list-style-type: none"> <li>• To contribute to the development of an Ethiopian horticulture industry to be profitable, sustainable, dynamic, reputable and compliant with national and international markets and legal requirements, by realising a sufficient supply of educated and practically trained staff for all required levels in the horticulture industry</li> </ul>	<ul style="list-style-type: none"> <li>• Comparison of production data for flowers, vegetables and fruits between 2006 – 2012</li> <li>• Comparison of export data for flowers, vegetables and fruits between 2006 – 2012</li> <li>• Comparison of quality levels of flowers at export destination (e.g. flower auction) between 2006 - 2012</li> <li>• Difference in number of GlobalGap certified companies between 2006 – 2012</li> </ul>	<ul style="list-style-type: none"> <li>• In 2008 and 2009 in 3 Training of Trainers Courses were implemented in The Netherlands for staff of JUCAVM, EHPEA and EHDA with in total 24 participants.</li> <li>• Four staff members of JUCAVM have been selected for a PhD program in The Netherlands.</li> <li>• MSc and BSc curricula have been revised</li> <li>• Revision of courses in MSc and BSc curricula started.</li> <li>• Construction of a new greenhouse at JUCAVM</li> <li>• Business plan for the HPTC formulated and approved</li> <li>•</li> </ul>	<ul style="list-style-type: none"> <li>• Review the MSc and BSc courses, in particular teaching materials and teaching methods</li> <li>• Development of support through buddy systems and master classes;</li> <li>• Development of complementary short courses program with EHDA</li> <li>• Strengthening gender component in curricula and short courses program</li> <li>• Infrastructure development at HPTC</li> <li>• Upgrading facilities at JUCAVM</li> <li>•</li> </ul>

Project description WP1	Performance indicators	Implemented in last period	Planned activities 2010
<b>Specific objective 1: WP1 Staff development</b> Academic and supporting staff at JUCAVM, EHPEA and HPTC (EHDA) trained to function successfully in their respective fields of work	<ul style="list-style-type: none"> <li>Staff of JUCAVM and HPTC are delivering innovative competence-based and practically oriented training programmes</li> </ul>	<ul style="list-style-type: none"> <li>Four PhD candidates selected, preparing the study program</li> <li>24 staff trained in the Netherlands</li> <li>On the job training and consultations</li> </ul>	<ul style="list-style-type: none"> <li>Four PhD students start their study in Wageningen</li> <li>Continuation of on-the-job training</li> </ul>
<b>Result 1.1 Staff of JUCAVM successfully followed PhD programs</b>			
Activity 1.1.1 Selecting candidates for participation in PhD programmes	D1.1.1 Four candidates selected for PhD programmes, of whom at least 1 female candidate	<ul style="list-style-type: none"> <li>Four candidates selected</li> <li>PhD study programmes prepared in consultation with supervisors</li> </ul>	
Activity 1.1.2 Selected candidates following PhD programmes	D1.1.2 Four candidates following a PhD programme	<ul style="list-style-type: none"> <li>Three candidates following a PhD programme</li> <li>One candidate writing proposal</li> </ul>	<ul style="list-style-type: none"> <li>Four PhD students implementing PhD program</li> </ul>
<b>Result 1.2 Academic staff of JUCAVM, EHPEA and HPTC successfully trained</b>			
Activity 1.2.1 Selecting candidate-trainers for participation ToT programme	D1.2.1 Sixteen candidates selected for ToT; 8 from JUCAVM and 8 from EHPEA of whom at least 4 female candidates.		
Activity 1.2.2 Implementing ToT programme in the Netherlands	D1.2.2a Training programme and materials D1.2.2b Sixteen Ethiopian trainers trained	<ul style="list-style-type: none"> <li>Three ToT programs implemented</li> <li>In total 24 staff of JUCAVM, EHPEA and EHDA trained</li> </ul>	
Activity 1.2.3 Further training and coaching of trainers in Ethiopia	D1.2.3 A group of minimal sixteen competent trainers	<ul style="list-style-type: none"> <li>Trained staff of JUCAVM supported in developing MSc course in Horticulture and preparation of learning facilities</li> <li>On the job training of JUCAVM staff</li> </ul>	<ul style="list-style-type: none"> <li>On the job training of JUCAVM, EPHEA and EHDA staff during following project activities</li> <li>Regional expertise exchange for JUCAVM, EPHEA and EHDA staff</li> </ul>
<b>Result 1.3 Administrative staff trained for project relevant administrative tasks.</b>			
Activity 1.3.1 Training and coaching of administrative staff of JUCAVM	D1.3.1 Two administrative staff of JUCAVM trained and coached (December 2008)	<ul style="list-style-type: none"> <li>Consultations and training of administrative staff of JUCAVM in Jimma</li> <li>Training of two staff of JUCAVM in the Netherlands (beginning of 2009)</li> </ul>	<ul style="list-style-type: none"> <li>Further coaching of staff during missions and by e-mail</li> </ul>

<b>Result 1.4 Maintenance staff of JUCAVM and HPTC trained</b>			
Activity 1.4.1 Training of technical staff of JUCAVM and HPTC	D1.4.1 Four technical staff of JUCAVM and HPTC trained (December 2008/December 2009)	<ul style="list-style-type: none"><li>• Training on the job of technical during construction and renovation of facilities</li></ul>	<ul style="list-style-type: none"><li>• Training on the job of technical during construction and renovation of facilities</li></ul>

Project description WP2	Performance indicators	Implemented in last period	Planned activities 2010
<b>Specific objective 2: WP2 Curriculum development</b> Competence based curricula developed for undergraduate and postgraduate education in commercial horticulture at JUCAVM, as well as for Diploma/Certificate course curricula and practically oriented short courses to be delivered by the HPTC.	<ul style="list-style-type: none"> <li>All curricula developed, implemented and certified by the Ethiopian authorities by the end of the project</li> <li>Students enrolled in the various courses, starting in 2008</li> </ul>	<ul style="list-style-type: none"> <li>MSc and BSc curriculum in Horticulture developed</li> </ul>	<ul style="list-style-type: none"> <li>Evaluation of curricula</li> <li>Development of certificate curriculum</li> </ul>
<b>Result 2.1 Labour market analysis and training needs assessment concluded.</b>			
Activity 2.1.1 Labour market analysis and needs assessment	D2.1.a Labour market analysis completed, with specific analysis on female job opportunities D2.1.b Overview of job competence needs D2.1.c Occupational profiles D2.1.d Preparatory workshop on curriculum development with stakeholders	<ul style="list-style-type: none"> <li>Revised labour market analysis carried out</li> <li>Revised needs assessment carried out</li> <li>Specification of the occupational profiles for MSc and BSc graduates in Horticulture.</li> <li>Approval of the draft occupational profiles by stakeholders who were involved in needs assessment</li> </ul>	
Activity 2.1.2 Gender needs assessment (extra)	D2.2 Gender aspect incorporated in curriculum and course material D2.3 Staff trained for actively involving females in the classroom D2.4 Financial support of female MSc students	<ul style="list-style-type: none"> <li>2009: Needs assessment</li> </ul>	<ul style="list-style-type: none"> <li>Follow-up on needs assessment</li> <li>Start with sponsored female MSc students</li> </ul>
<b>Result 2.2 A plan for practical short courses programme developed and approved.</b>			
Activity 2.2.1 Designing practical short courses programme	D2.2.1 Practical short courses programme and at least two new short courses developed		<ul style="list-style-type: none"> <li>Development of short courses program with EHDA</li> </ul>

Activity 2.2.2 Implementation, evaluation and revision of practical short courses programme	D2.2.2a Evaluation reports regarding the practical short courses programme D2.2.2b Revised short courses programme approved	<ul style="list-style-type: none"> <li>This appeared to be complicated because of the missing communication with the local project coordinator. Postponed Evaluation workshop with stakeholders</li> </ul>	
<b>Result 2.3 Certificate course curriculum developed, implemented and approved.</b>			
Activity 2.3.1 Designing certificate course curriculum	D2.3.1 Certificate course curriculum		<ul style="list-style-type: none"> <li>Development of certificate curriculum</li> </ul>
Activity 2.3.2 Implementation, evaluation and revision of certificate course curriculum	D2.3.2a Mid- and end-term evaluation reports regarding the certificate course curriculum D2.3.2b Revised certificate course curriculum approved		<ul style="list-style-type: none"> <li>Evaluation of the certificate curriculum</li> </ul>
<b>Result 2.4 Diploma course curriculum developed, implemented and approved.</b>			
Activity 2.4.1 Designing diploma course curriculum	D2.4.1 Diploma course curriculum	<ul style="list-style-type: none"> <li>Development of Diploma Curriculum is depending on mandate of JUCAVM</li> </ul>	<ul style="list-style-type: none"> <li>Development of Diploma Curriculum is depending on mandate of JUCAVM</li> </ul>
Activity 2.4.2 Implementation, evaluation and revision of diploma program	D2.4.2a Mid- and end-term evaluation reports regarding the diploma course curriculum D2.4.2b Revised diploma course curriculum approved		
<b>Result 2.5 Under-graduate curriculum developed, implemented and approved.</b>			
Activity 2.5.1 Designing under-graduate curriculum (BSc)	D2.5.1 Under-graduate curriculum	<ul style="list-style-type: none"> <li>BSc curriculum revised by Jimma</li> </ul>	<ul style="list-style-type: none"> <li>Finalize BSc Curriculum</li> </ul>
Activity 2.5.2 Implementation, evaluation and revision of under-graduate curriculum	D2.5.2a Mid- and end-term evaluation reports regarding the under-graduate curriculum D2.5.2b Revised under-graduate curriculum approved	<ul style="list-style-type: none"> <li>Start implementation of redesigned BSc-curriculum</li> </ul>	<ul style="list-style-type: none"> <li>Evaluation of the BSc-Curriculum</li> </ul>

<b>Result 2.6 Post-graduate curriculum developed, implemented and approved.</b>			
Activity 2.6.1 Designing post-graduate curriculum (MSc)	D2.6.1 Post-graduate curriculum	<ul style="list-style-type: none"> <li>• Draft MSc curriculum has been developed</li> </ul>	<ul style="list-style-type: none"> <li>• Finalize MSc curriculum</li> </ul>
Activity 2.6.2 Implementation, evaluation and revision of post-graduate curriculum	D2.6.2a Mid- and end-term evaluation reports regarding the post-graduate curriculum D2.6.2b Revised curriculum post-graduate curriculum approved	<ul style="list-style-type: none"> <li>• Mid-term evaluation of the MSc curriculum.</li> </ul>	<ul style="list-style-type: none"> <li>• End-term evaluation of the MSc curriculum</li> </ul>
<b>Result 2.7 Curriculum quality management guidelines formulated.</b>			
Activity 2.7.1 Formulating curriculum quality management guidelines	D2.7.1 Curriculum quality management guidelines available		<ul style="list-style-type: none"> <li>• Development quality management guidelines</li> <li>• Workshop on implementing quality management system</li> </ul>

Project description WP3	Performance indicators	Implemented in last period	Planned activities 2010
<b>Specific objective 3: WP3 Course Development</b> Education and training methodologies, courses and course materials developed, implemented and approved.	<ul style="list-style-type: none"> <li>• Complete set of courses ready before 2011</li> <li>• All course materials ready before 2011</li> </ul>	<ul style="list-style-type: none"> <li>• Development of courses MSc Curriculum Horticulture</li> </ul>	<ul style="list-style-type: none"> <li>• Development of courses and course material for BSc and MSc Curriculum Horticulture</li> <li>• Development of complementary short courses program with EHDA</li> </ul>
<b>Result 3.1 Plan of actions for course development formulated</b>			
Activity 3.1.1 Developing plan of actions for course development	D3.1.1 Approved plan of actions for course development	<ul style="list-style-type: none"> <li>• Plan of action formulated during ToT in the Netherlands</li> </ul>	
<b>Result 3.2 Courses and course materials for practical short courses programme</b>			
Activity 3.2.1 Developing courses and course materials for practical short courses program	D3.2.1 Courses and course materials for practical short courses programme ready		<ul style="list-style-type: none"> <li>• Development of complementary short courses program with EHDA</li> </ul>
Activity 3.2.2 Implementation, evaluation and revision of practical short courses programme	D3.2.2a Number of participants in practical short courses programme D3.2.2b Evaluation reports regarding the practical short courses D3.2.2c Revised courses and course material for the short courses ready		<ul style="list-style-type: none"> <li>• Support to implementation of short courses programme</li> <li>• Evaluation of short courses program</li> <li>• Discuss integration of EHDA and EHPEA short courses program</li> </ul>
<b>Result 3.3 Courses and course materials for the certificate course curriculum</b>			
Activity 3.3.1 Developing courses and course materials for certificate course curriculum	D3.3.1		<ul style="list-style-type: none"> <li>• Development of Diploma Curriculum is depending on mandate of JUCAVM</li> </ul>
Activity 3.3.2 Implementation, evaluation and revision of certificate course curriculum	D3.3.2a Number of participants in the certificate course curriculum. D3.3.2b Evaluation reports regarding the certificate course curriculum. D3.3.2c Revised courses and course material for the certificate course curriculum ready		<ul style="list-style-type: none"> <li>• Development of Diploma Curriculum is depending on mandate of JUCAVM</li> </ul>

<b>Result 3.4 Courses and course materials for the diploma course curriculum</b>			
Activity 3.4.1 Developing courses and course materials for diploma course curriculum	D3.4.1 Courses and course materials for diploma course curriculum ready		<ul style="list-style-type: none"> <li>• Development of Diploma Curriculum is depending on mandate of JUCAVM</li> </ul>
Activity 3.4.2 Implementation, evaluation and revision of diploma course curriculum	D3.4.2a Number of participants in diploma course curriculum D3.4.2b Evaluation reports regarding the diploma D3.4.2c Revised courses and course material for the diploma course curriculum ready		<ul style="list-style-type: none"> <li>• Development of Diploma Curriculum is depending on mandate of JUCAVM</li> </ul>
<b>Result 3.5 Courses and course materials for the under-graduate curriculum</b>			
Activity 3.5.1 Developing courses and course materials for the under-graduate curriculum	D3.5.1 Courses and course materials for the under-graduate curriculum ready	<ul style="list-style-type: none"> <li>• Support to course and course materials implemented</li> </ul>	<ul style="list-style-type: none"> <li>• Support to course and course materials</li> </ul>
Activity 3.5.2 Implementation, evaluation and revision of the under-graduate curriculum	D3.5.2a Number of students enrolled in under-graduate curriculum D3.5.2b Evaluation reports regarding the under-graduate curriculum D3.5.2c Revised courses and course material for the under-graduate curriculum ready	<ul style="list-style-type: none"> <li>• Start BSc courses October 2009</li> </ul>	<ul style="list-style-type: none"> <li>• Revision of the BSc course curriculum</li> </ul>
<b>Result 3.6 Courses and course materials for the post-graduate curriculum</b>			
Activity 3.6.1 Developing courses and course materials for the post-graduate curriculum (MSc)	D3.6.1 Courses and course materials for the post-graduate curriculum ready	<ul style="list-style-type: none"> <li>• Courses and course material for MSc Curriculum Horticulture ready</li> <li>• Supported staff JUCAVM in translating the curriculum into teaching guides</li> <li>• Linked up course development with ongoing programmes like WSSD</li> <li>• Development of MSc internship action plan</li> </ul>	<ul style="list-style-type: none"> <li>• Introduce buddy system to develop training material on IPM, Post-harvest, Soil Plant Nutrition and Greenhouse production</li> </ul>
Activity 3.6.2 Implementation, evaluation and revision of post-graduate curriculum	D3.6.2a Number of students enrolled in post-graduate curriculum D3.6.2b Evaluation reports regarding post-graduate program D3.6.2c Revised courses and course materials for the post-graduate curriculum ready.	<ul style="list-style-type: none"> <li>• Coaching on implementation of practical trainings for MSc</li> <li>• Access teaching guides</li> </ul>	<ul style="list-style-type: none"> <li>• Identify supervisors from Dutch consortium for 10 MSc research topics</li> <li>• Evaluation of first academic year of MSc Curriculum Horticulture</li> </ul>



<b>Result 3.7 Contribution to WSSD project on capacity building farm managers</b>			
Activity 3.7.1 Contribution to data collection and analysis	D3.7.1a Data collection system operational D3.7.1b Reports with results of analyses ready		<ul style="list-style-type: none"> <li>• Data analysis of collected data</li> </ul>
Activity 3.7.2 Developing practical crop management training courses	D3.7.2a Courses and course materials for management course ready D3.7.2b Number of participants in the management course D3.7.2b Evaluation reports regarding the management course D3.7.2c Revised courses and course material for the management course		<ul style="list-style-type: none"> <li>• Discussion with DLV on relevant project results for inclusion in training program</li> <li>• Development of short course material</li> </ul>

Project description WP4	Performance indicators	Implemented in last period	Planned activities 2010
<b>Specific objective 4: WP4 Strengthening Applied Research Agenda</b> Applied research agenda for commercial horticulture at JUCAVM strengthened.	<ul style="list-style-type: none"> <li>Innovative demand-driven research agenda 2008 – 2013 formulated and approved by stakeholders</li> <li>Applied research modules included in the various training programs</li> </ul>		<ul style="list-style-type: none"> <li>Review of research modules in MSc and BSc curricula</li> </ul>
<b>Result 4.1 Framework a demand driven research agenda at JUCAVM approved</b>			
Activity 4.1.1 Developing guidelines for the development of a sector oriented research	D4.1.1 Institutional framework for a demand driven research guidance process at JUCAVM	<ul style="list-style-type: none"> <li>Consultation meetings held with major stakeholders</li> </ul>	
<b>Result 4.2 Applied research modules integrated in curricula at JUCAVM</b>			
Activity 4.2.1 Integration of applied research modules in the curricula of JUCAVM	D4.2.1a JUCAVM research agenda reviewed and up-dated D4.2.1b Research modules integrated into the curricula of JUCAVM		<ul style="list-style-type: none"> <li>Review of the research component of the MSc and BSc programme.</li> </ul>

Project description WP 5	Performance indicators	Implemented in last period	Planned activities 2010
<b>Specific objective 5: WP 5 Upgrading facilities and equipment</b> Facilities at JUCAVM and HPTC upgraded to enable education and training courses in a protected learning environment.	<ul style="list-style-type: none"> <li>State-of-the-art facilities and equipment operational at JUCAVM and HPTC</li> </ul>	<ul style="list-style-type: none"> <li>Construction/upgrading of facilities at JUCAVM</li> </ul>	<ul style="list-style-type: none"> <li>Construction/upgrading of facilities at JUCAVM</li> </ul>
<b>Result 5.1 Facilities and equipment at JUCAVM available and operational</b>			
Activity 5.1.1 Investment needs assessment for JUCAVM	D5.1.1 List of required facilities and equipment for JUCAVM	<ul style="list-style-type: none"> <li>List of required facilities at JUCAVM made</li> </ul>	<ul style="list-style-type: none"> <li>Follow up on list of required facilities depending on budget after greenhouse construction incl. irrigation, fertigation and cold room</li> </ul>
Activity 5.1.2 Concluding contracts on facilities and equipment for JUCAVM	D5.1.2a Detailed quotations of required facilities and equipment for JUCAVM D5.1.2b Contracts with Ethiopian suppliers	<ul style="list-style-type: none"> <li>Contracts made and part of required facilities and equipment received by JUCAVM</li> </ul>	<ul style="list-style-type: none"> <li>Inventories which ICT equipment are necessary</li> <li>Purchase ICT equipment</li> </ul>
Activity 5.1.3 Constructing facilities and installing equipment for JUCAVM	D5.1.3a Greenhouse and other facilities at JUCAVM constructed and operational D5.1.3b Other equipment and material at JUCAVM available	<ul style="list-style-type: none"> <li>Construction started</li> </ul>	<ul style="list-style-type: none"> <li>Greenhouse and other facilities ready and operational</li> </ul>
<b>Result 5.2 Facilities and equipment at HPTC available and operational</b>			
Activity 5.2.1 Investment needs assessment for HPTC	D5.2.1a List of required facilities and equipment for HPTC	<ul style="list-style-type: none"> <li>List of required facilities at HPTC Melkassa made</li> </ul>	
Activity 5.2.2 Concluding contracts on facilities and equipment for HPTC	D5.2.2a Detailed specifications of required facilities and equipment for HPTC D5.2.2b Contracts with Ethiopian suppliers	<ul style="list-style-type: none"> <li>Inventory facilities for the HPTC, in consultation with the EHDA</li> </ul>	<ul style="list-style-type: none"> <li>Contracts with Ethiopian suppliers made</li> </ul>
Activity 5.2.3 Constructing facilities and installing equipment for HPTC	D5.2.3a Greenhouse and other facilities at HPTC constructed and operational D5.2.3b Other equipment and material at HPTC		<ul style="list-style-type: none"> <li>Start construction of greenhouse and other facilities</li> </ul>

Project description WP 6	Performance indicators	Implemented in last period	Planned activities 2010
<b>Specific objective 6: WP6 Community Based Education and Training</b> Training curriculum for community based horticulture developed for staff of JUCVAM and community pilot projects realised.	<ul style="list-style-type: none"> <li>• Trained staff for CBET</li> <li>• Community based pilot projects running</li> <li>• Workshops, trainings and seminars</li> </ul>		<ul style="list-style-type: none"> <li>• Implementation needs assessment</li> </ul>
<b>Result 6.1 Staff of JUCAVM capable to implement community based activities</b>			
Activity 6.1.1 Needs assessment for community based activities	D6.1.1 Assessment report		<ul style="list-style-type: none"> <li>• Needs assessment for community based activities</li> </ul>
Activity 6.1.2 Training of staff in community based education and training approaches	D6.1.2 Staff selected and trained for community based activities	<ul style="list-style-type: none"> <li>• Evaluate community based education</li> </ul>	<ul style="list-style-type: none"> <li>• Train staff on community based education</li> </ul>
<b>Result 6.2 Community based activities prepared and implemented</b>			
Activity 6.2.1 Preparation and implementation of community based activities	D6.2.1a Programme for community based activities at JUCAVM D6.2.1b Workshops, trainings and seminars		

Project description WP7	Performance indicators	Implemented in last period	Planned activities 2010
<b>Specific objective 7: WP7 Institutional development</b> Sustainable institutional setting for capacity building program realised.	<ul style="list-style-type: none"> <li>Formulating basic requirements for building the physical infrastructure for the HPTC;</li> <li>Providing assistance in the development of the financial sustainable business plan for the HPTC;</li> <li>Realisation of a structure for regular revision of developed curricula according to the developments and needs of the industry</li> </ul>	<ul style="list-style-type: none"> <li>Jointly with EHDA business plan for HPTC developed</li> </ul>	<ul style="list-style-type: none"> <li>Support in the implementation aspects of the HPTC</li> <li>Agreement on structure for regular curriculum revision</li> </ul>
<b>Result 7.1 Basic requirements and business plan for the HPTC</b>			
Activity 7.1.1 Formulating basic requirements for HPTC	D7.1.1 List basic requirements	<ul style="list-style-type: none"> <li>List of requirements made</li> </ul>	
Activity 7.1.2 Providing assistance in business plan of HPTC	D7.1.2 Assistance and advice in formulating a business plan for HPTC	<ul style="list-style-type: none"> <li>Business plan developed</li> <li>Study trip to practical training centre in India</li> </ul>	
<b>Result 7.2 Structure for regular revision of curricula</b>			
Activity 7.2.1 Realising structure for regular revision of curricula	D7.2.1 Structure for regular revision of curricula established		<ul style="list-style-type: none"> <li>Agreement on structure for regular curriculum revision</li> </ul>

Project description WP 8	Performance indicators	Implemented in last period	Planned activities 2010
<b>Specific objective 8: Project management</b> Project objectives met and sustainable results achieved	<ul style="list-style-type: none"> <li>Planned course programmes at JUCAVM and HPTC running on a regular basis</li> <li>Regular consultations between various stakeholders on up-dating the course programs</li> </ul>	<ul style="list-style-type: none"> <li>Facilitation of internal and external communication and collaboration</li> <li>Updating website and publishing papers and news letters</li> </ul>	<ul style="list-style-type: none"> <li>Project management activities continued</li> <li>Facilitate communication on capacity building between JUCAVM, EHPEA and EHDA</li> </ul>
<b>Result 8.1 Project implemented and concluded according to plan</b>			
Activity 8.1.1 Internal project coordination and communication	D8.1.1a Updated project plan (annual) D8.1.1b Communication protocol	<ul style="list-style-type: none"> <li>Project coordination and communication</li> </ul>	<ul style="list-style-type: none"> <li>Project coordination and communication</li> <li>PMC meeting located in the Netherlands</li> </ul>
Activity 8.1.2 External communication	D 8.1.2a Annual progress report and final report D 8.1.2b Articles, reports and conference papers D 8.1.2c Website established and operational	<ul style="list-style-type: none"> <li>Newsletter published</li> <li>Website established and maintained</li> </ul>	<ul style="list-style-type: none"> <li>Newsletters</li> <li>Updating website</li> </ul>
Activity 8.1.3 Financial control	D8.1.3a Financial administrative system D8.1.3b Annual monitoring reports	<ul style="list-style-type: none"> <li>Financial administrative system operational</li> <li>Regularly monitored during project meetings</li> <li>Annual report 2008 audited</li> </ul>	<ul style="list-style-type: none"> <li>Regular monitoring budget during project meetings</li> <li>Annual report 2009</li> </ul>

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