



MINISTRY FOR FOREIGN
AFFAIRS OF FINLAND

**HIGHER EDUCATION AND CAPACITY DEVELOPMENT FOR SUSTAINABILITY AND
CLEAN TECHNOLOGIES IN THE FOREST SECTOR IN MOZAMBIQUE
“VAGALHÃO”**

TRAVEL REPORT
May 26 – 6 June, 2014

PROGRAM FOR THE FINNISH TEAM
May 26 – 6 June, 2014

Finnish team:

Prof. Olli Dahl
D.Sc. Roope Husgafvel

Local organizers:

Prof. Andrade Egas
Dr. Natasha Ribeiro

Program:

Mon 26.05	14:30	Arrival	
Tue 27.05	15:10 – 17:00		Climate change & air emissions control lecture (Prof. Dahl)
Wed 28.05	08:00 – 09:00		Finnish Embassy
	09:00 – 10:00		USAID
	16:10 – 18:00		Air emissions control continued & noise and odour control lecture (Prof. Dahl)
Thu 29.05	15:10 - 17:00		Water and wastewater management lecture (Prof. Dahl)
Fri 30.05	09:00 – 11:00		Board meeting
	16:10 – 18:00		Waste management & use of residual streams (Prof. Dahl)
Sat 31.05	Free		
Sun 01.06	Free		
Mon 02.06	10.30 – 11.00		Royal Norwegian Embassy
	11.00 – 12.00		Department for International Development (DFID)
	15:10 – 17:00		Sawmill products environmental impacts and life cycle assessment lecture (D.Sc. Husgafvel)
Tue 03.06	15:10 – 17:00		Industry & sustainability lecture (D.Sc. Husgafvel)
Wed 04.06	Free		
Thu 05.06	15:10 – 17:00		Occupational safety lecture (D.Sc. Husgafvel)
Fri 06.06	Departure		

Description of project activities

Our joint study module “Industrial environmental engineering” is now ready and it is taught for the first time lasting 11 weeks in total. UEM has the ownership of the module and Aalto team support its teaching through lectures, provision of course book (in English) for each student, organization of industry visits and video lectures. We also provided industry sustainability and environmental reporting materials as examples of how these issues are currently addressed in Europe and Finland. The lectures of the Finnish team took place 27.5 – 30.6 (Prof. Dahl) and 2.6 – 5.6 (D.Sc. Husgafvel) encompassing a broad range of topics associated with industrial environmental engineering, sustainability and life cycle thinking. This year, there are 7 M.Sc students taking this module with different backgrounds and work experience (Table 1). We visited the Finnish Embassy to update the current project situation and coming activities and also met with Colin Quinn and Federico Prado from USAID and discussed our project activities and their projects in the field of natural resources, climate actions, agriculture, biodiversity, science and technology. For example, we discussed the latest publication of the EU/FAO FLEGT Programme assessing illegal logging in Mozambique, good forest governance, sustainable forest management and the need to find industry summer positions for UEM students both in Mozambique and abroad. The potential gap between industry needs and student skills was also discussed.

Our visit to the Royal Norwegian Embassy (host was Knut Lakså) focused on presenting our project and the synergy with e.g. training of skilled students and industry/private sector developments such as Green Resources future plans and activities in Mozambique. In DFID, we met Rita Zacarias (Climate Change Adviser) and discussed our project activities and learned about their activities in Mozambique such as REDD projects and climate change related projects. We provided our project materials also to Martin Johnston (Private Sector Development Adviser) for potential future meeting and discussion. We identified mutual interests in e.g. development of necessary skills and capacity building in the form of training and education to support sustainable development in Mozambique. The board meeting covered all project activities with an emphasis on coming events such as the plan to organize student mobility within the CIMO funded North South South Programme. We also discussed the possibility to organize extra industry visit to a mill and plantations in South Africa this autumn. All students would join this event and get a chance to discuss and implement some of their newly learned skills. Sebastio Inácio Famba (Deputy-Dean for Research and Extension) was present and he supports our joint project and module activities. In addition, we agreed to plan a new intensive course based on the module for 2015 that could be open to industry, government experts and students. Esperanca Chamba from IIAM was also present and expressed the need for this kind of training among the staff of various governmental institutions.

Table 1. UEM M.Sc. students 2014.

N.	Name	Background
1.	Adelino Estevão Bucuane	Mechanical engineering
2.	Carvalho Cordeiro José Matsinhe	Rural engineering
3.	Darla da Conceição Arrone	Rural engineering
4.	Devson Abudo Gouvindo	Agricultural engineering
5.	Eunice Catarina Frederico Siteo	Forestry engineering
6.	Tomás Fernando Bastique	Forestry engineering
7.	Zigy Amélia Langa	Agricultural engineering



M.Sc. students and Olli at the UEM campus M.Sc building.



M.Sc. students and Roope at the UEM campus M.Sc building.