AgIM

Agriculture Information Management and Precision Farming

Post-Graduated Education in Agriculture Information Management and Precision Farming in Mozambique and Cape Verde

RUFORUM — Capacity Building in Agriculture

Authors: Marco Painho,[1] Alexandre Baptista,[1] Marco Neves,[1] Nelson Chapananga[2] and Ali Atumane[2]

[1] Instituto Superior de Estatística e Gestão de Informação Universidade Nova de Lisboa - ISEGI-NOVA (Portugal)
[2] Faculdade de Agricultura, Universidade Católica de Moçambique – UCM (Mozambique)

The AgIM's Consortium

Lead Institution
· Instituto Superior de Estatística e Gestão de Informação Universidade Nova de Lisboa - ISEGI-NOVA (Portugal)

Partner Institutions
· Universidade Católica de Moçambique – UCM (Mozambique)
· Universidade de Cabo Verde – UniCV (Cape Verde)

Associate Institution
· Esri-Portugal

Overall Objective

Develop, implement and disseminate a best practice model consortium of EU-ACP Higher Education Institutions (HEIs) for the institutionalization of Agriculture Information Management and Precision Farming Master Programs in Cape Verde and Mozambique.

Specific Objectives
· To enhance the overall management, academic, and technological capacity of the ACP HEI's
· To design, develop and evaluate a Master Curriculum for best practices in Agricultural Information Management and Precision Farming
· To establish a common framework for quality assurance
· To promote the recognition/accreditation of the AgIM Master Program by the competent authorities
· To deliver two editions of the AgIM Master Programme in Mozambique and Cape Verde
· To establish two specific precision farming pilot demonstration projects (one in each country)
· To develop a repository of practice and groundwork
· To implement a set of major dissemination and exploitation activities

Target Groups & Final beneficiaries

Target groups:
· Master Students
· Academic Staff
· Management/Administrative Staff
· ICT Staff
· Small Farmers/Local Communities

Final beneficiaries:
· Citizens
· Farmers
· Communities
· institutions and organizations in Cape Verde and Mozambique that will benefit from an increased number of qualified professionals in agricultural and food-related jobs

Expected Results

· 16 teachers of ACP HEIs qualified in AgIM related topics
· 2 Precision Farming (PF) Pilot Demonstration Projects (PDP)
· Qualification of 10 ACP HEIs administrative/financial/ICT staff
· A top level master curriculum for best practices in agricultural information management and precision farming in developing countries
· Recognition of the Master Program by the competent authorities
· 70 Master of Science in Agriculture Information Management and Precision Farming degrees awarded in Cape Verde (30) and Mozambique (40)
· 1 Book on Education of AgIM in Developing Countries.
· 1 Guideline to disseminate and stimulate good practices in PF
· 1 Short Documentary about the 2 PDP (15 minutes).
· 2 Conference on Precision Farming in developing Countries

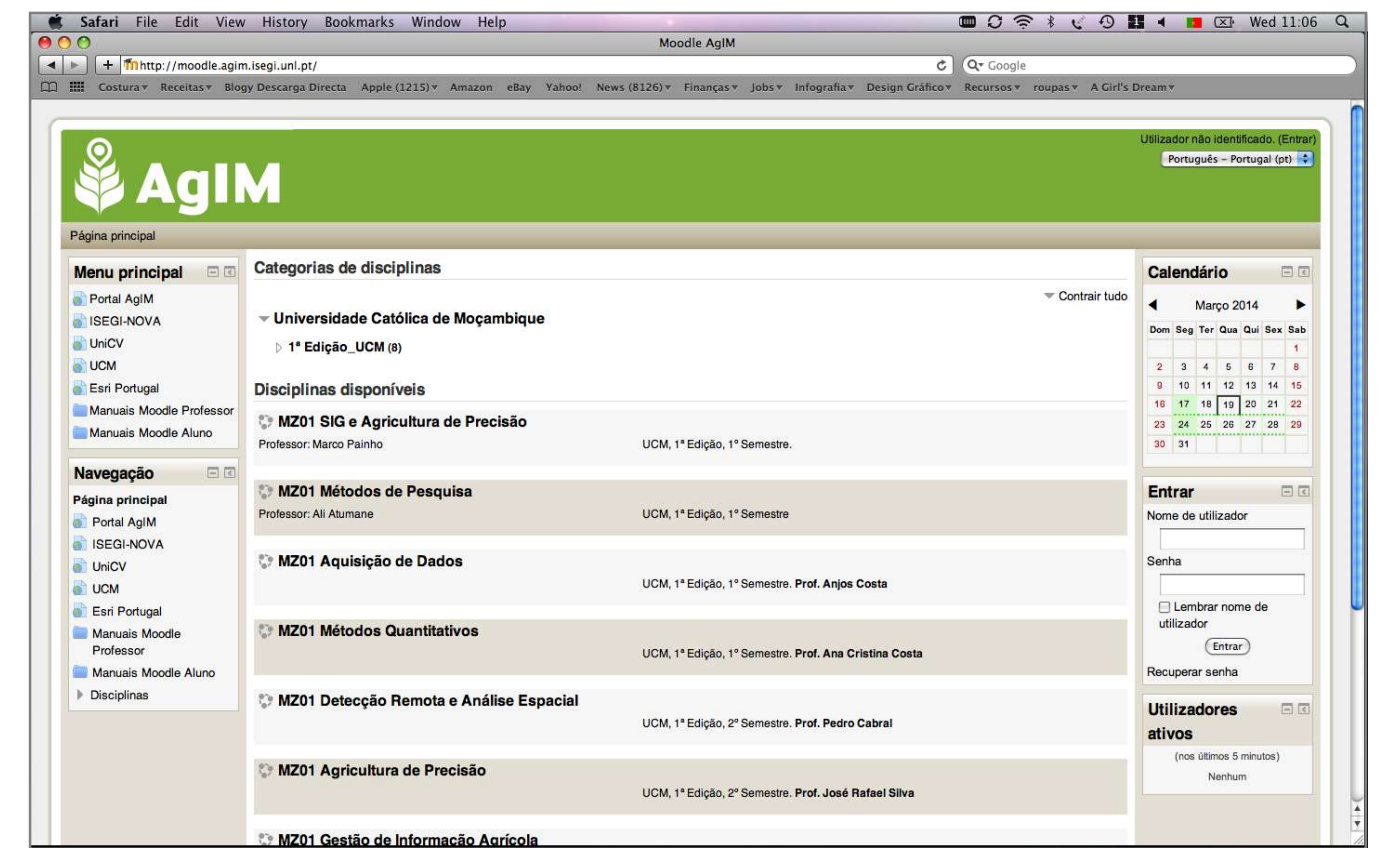## Attained Results

The Implementation of AgIM's Web Platforms
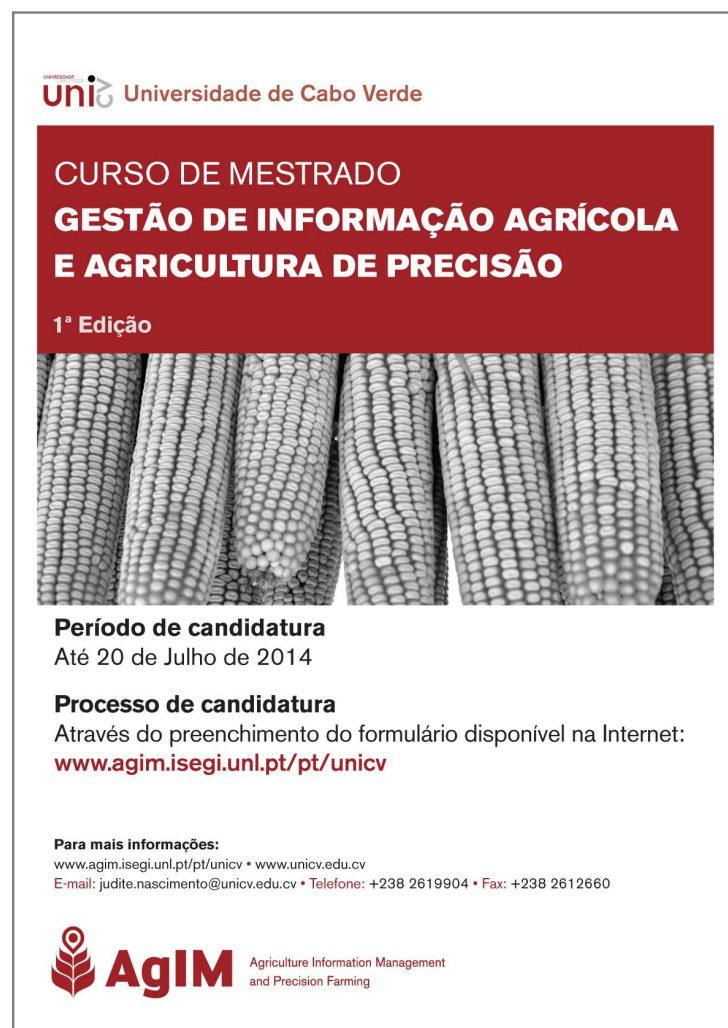

AgIM's Website
URL: http://agim.isegi.unl.pt

AgIM's UniCV Website
URL: http://agim.isegi.unl.pt/pt/unicv

AgIM's UCM Website
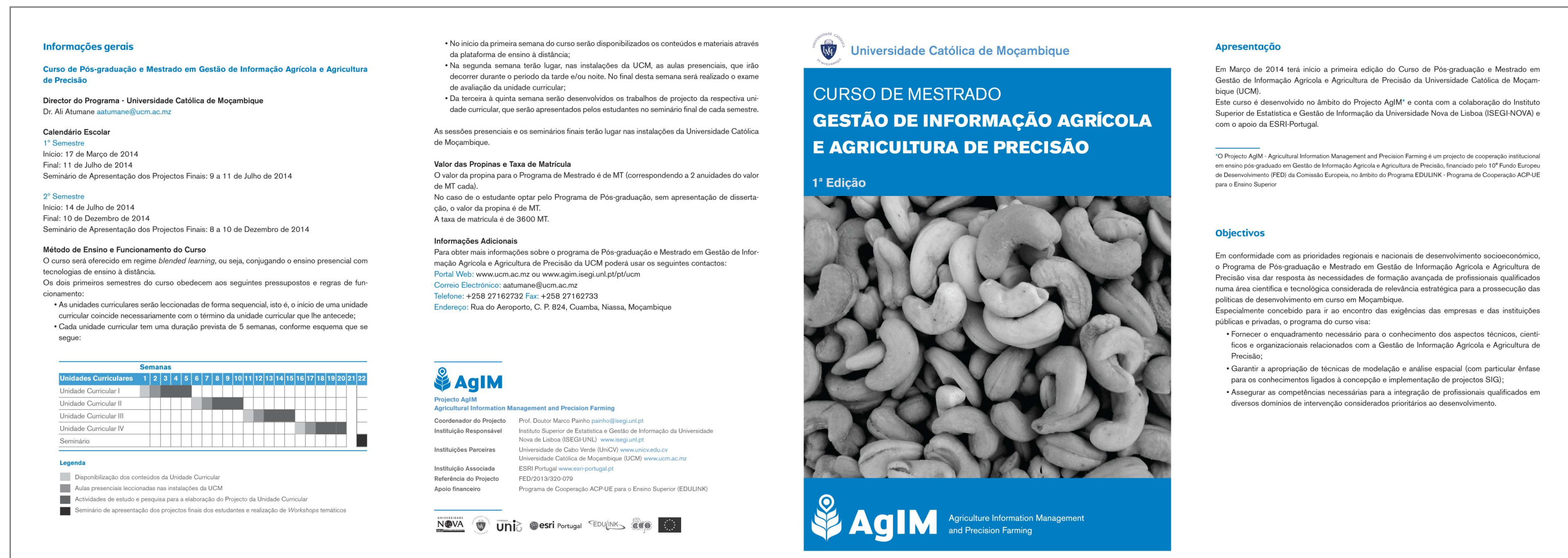URL: http://agim.isegi.unl.pt/pt/ucm

AgIM's Moodle
URL: http://moodle.agim.isegi.unl.pt

The promotion of AgIM's 1st Edition of the Agriculture Information Management and Precision Farming Post Graduation and Master Program
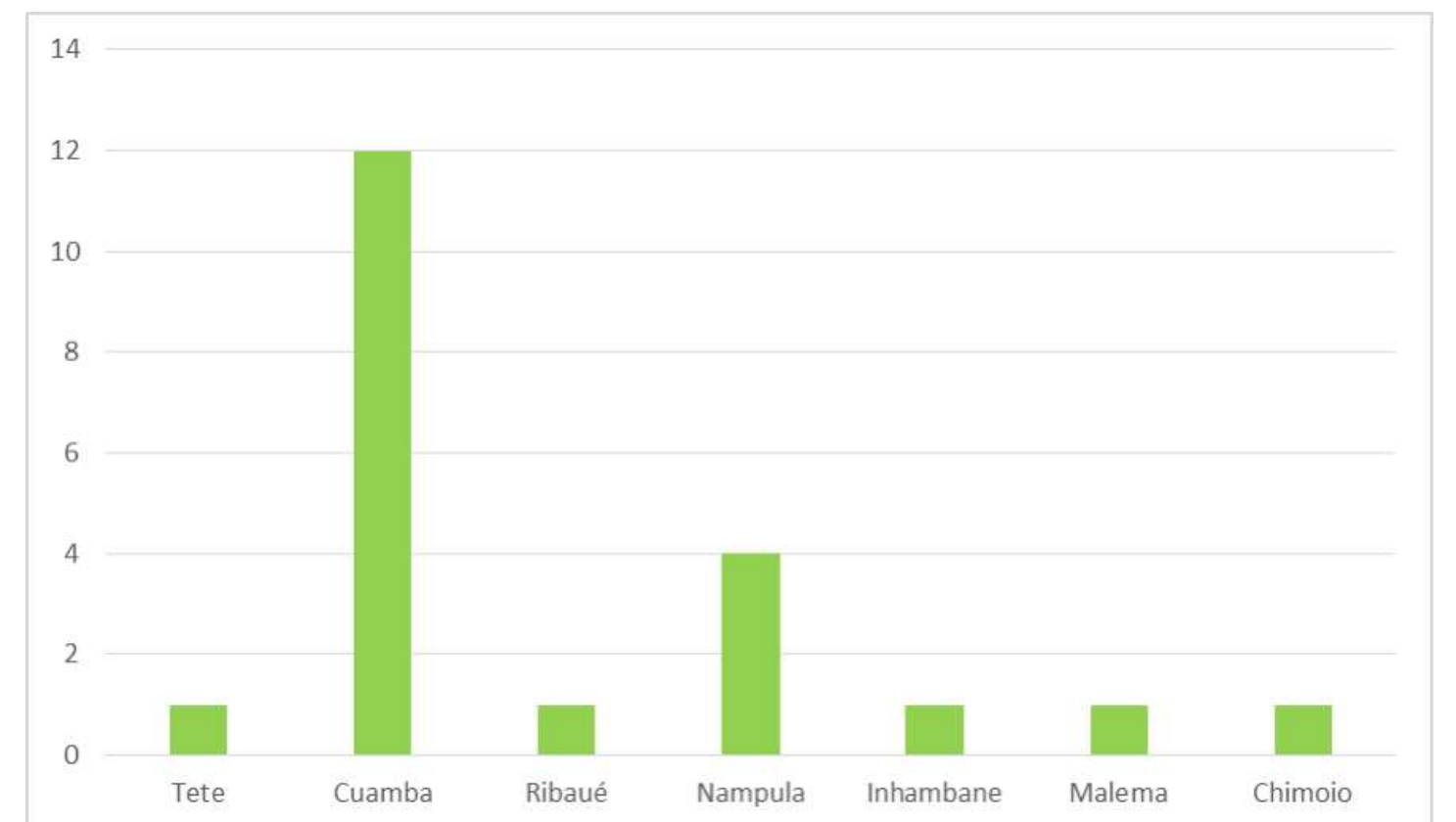

UniCV's brochure cover

Leaflet for the promotion of the UCM's 1st Edition AgIM's Post Graduation and Master Course

The candidacy process for the AgIM's Post Graduation and Master Program

Place of origin of the students admitted for the UCM's 1st Edition AgIM's Post Graduation and Master Course

The beginning of the Course's 1st Edition

Interaction with local farmers

AgIM's students in field work I

AgIM's students in field work II

The Students of the UCM 1st Edition

1st Edition students - Group activities at UCM

UNIVERSIDADE NOVA · UNIC · esri Portugal · EDULINK