

## GIS Supported Agricultural Information Management

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#### 1. Overall Objective

Develop, implement and disseminate a consortium of Higher Education Institutions (HEIs) for the institutionalization of a Agriculture Information Management and Precision Farming Post Graduation and Master Program in Cape Verde and Mozambique

#### 2. AgIM Consortium

#### **Applicant Institution**



Higher Institute of Statistics and Information Management – ISEGI-NOVA

#### **Partner Institutions**

Cape Verde University – UniCV

Catholic University of Mozambique - UCM





#### **Associated Institution**

Esri Portugal



#### 3. Specific Objectives

- Enhance the overall management, academic, and technological capacity of the UniCV and UCM
- Deliver two editions of the AgIM Post-Graduate and Master
   Programme in Mozambique and Cape Verde
- Establish two specific precision farming pilot demonstration projects (one in each country)
- Develop a repository of practice and groundwork

#### 4. Target Groups

- Master Students
- Academic Staff
- Management/Administrative Staff
- ICT staff; Small Farmers/ Local Communities

#### **5. 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.

## 6. The AgIM Programme

#### Master

## Post-Graduation

First Semester	Second Semester	Third Semester
GIS and Precision Farming	Quantitative Methods	Dissertation
Research Methods	Precision Farming	
Data Acquisition	Agriculture Information Management	
Remote Sensing and Spatial Data Analysis	Implementing Precision Farming	

#### 7. Training Courses

The training courses are specially designed to improve the skills of management/administrative staff from both institutions. Several themes will be addressed like financial management, pedagogical development, e-learning and project management.

#### 7. Training Courses

- Problem-based Learning
- Curriculum Development Theories
- Educational Technologies
- The Current State of the Art of Precision Farming
- International Project Management
- Managing Higher Education External Relations

## 8. Support and Resources Provided by Esri

Software licenses for Partner institutions

Software licenses for students

Software licenses for teachers

Esri Books Tutorials

Provision of 3 GPS Devices

#### 9. E-learning

The resources and materials for the support of the first and second editions of the course at UniCV and UCM are available trough the AgIM Moodle platform, including: ebooks, lesson presentations, bibliographical resources, geographic data, manuals and tutorials



## UniCV







## UCM



NOW TO UNIT GREET TOTAL STREET

NOW O UNIX Gestioner Stripes, see



Universidade Católica de Moçambique

#### 4<sup>th</sup> RUFORUM Biennal Conference



#### **EDULINK Stakeholders Meeting**



Papers sent to:









**ISEGI-NOVA** 





UCM





UniCV









# Doubts Comments Sugestions

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Agriculture Information Management