



# CUPAGIS

## NEW CURRICULA IN PRECISION AGRICULTURE USING GIS TECHNOLOGIES AND SENSING DATA

ERASMUS+ Joint Project Curricula Reform

### WIDER OBJECTIVES

Improve the quality of higher education and enhance its relevance for the labour market and society, the level of competences and skills in HEIs by developing new and innovative education programs; support the modernisation and internationalisation of the HE in precision agriculture in the targeted Universities in Algeria through innovation of two cycles curricula

### SPECIFIC OBJECTIVES

- To analyse educational needs in the target field; review the current curricula
- To update current programmes and curricula according to recent advances in the target field by the end of the second project year
- To develop, implement and accredit new practice oriented and student- focused core and transferable curricula and modules including ECTS
- To bring the Higher Education Institutions of Partner Countries closer to the Labor Market

### INNOVATIVE LEARNING ENVIRONMENT

- Establishment of PAGIS and VCR\*
- Joint WEB-based platform
- Master classes and pilot teaching/operation of PAGIS and VCR
- Training of academic teachers in new curricula
- Established PASENSO\*\* with stakeholders support

\* Precision Agriculture Using GIS Lab and Virtual Classroom  
\*\* Precision Agriculture Using Sensing Data Service Office

### ACADEMIC CONTENT

- Upgrade of the current curricula in the target field
- 9 new developed core curricula
- 3 transferable modules

### CONSORTIUM

- EU: 4 universities; 1 spin-off enterprise
- DZ: 5 universities; 1 national authority; 1 associated partner



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@New Curricula in  
Precision Agriculture

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