



ACLIMAS is a demonstration project funded within the Sustainable Water Integrated Management (SWIM) program (www.swim-sm.eu) of the European Commission (EC). The project addresses the priority - Water and Climate Change - by promoting in 6 Mediterranean countries (target areas) the demonstration / implementation / dissemination of the research results of previous EC-funded initiatives.

ACLIMAS pursues an holistic multidisciplinary border-crossing approach that integrates a set of locally-tailored technical adaptation measures with socio-economic and environmental aspects of water management in Mediterranean agriculture.

The project is coordinated by the International Centre for Advanced Mediterranean Agronomic Studies (CIHEAM), Mediterranean Agronomic Institute of Bari (IAMB) and lasts 3 years (2012-2014).

For more information

visit the project website www.aclimas.eu

and/or contact the Project Coordinator

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ACLIMAS

ADAPTATION TO CLIMATE CHANGE OF MEDITERRANEAN AGRICULTURAL SYSTEMS

SWIM

(SUSTAINABLE WATER INTEGRATED MANAGEMENT)

DEMONSTRATION PROJECT

WATER AND CLIMATE CHANGE



This project is funded
by the European Union

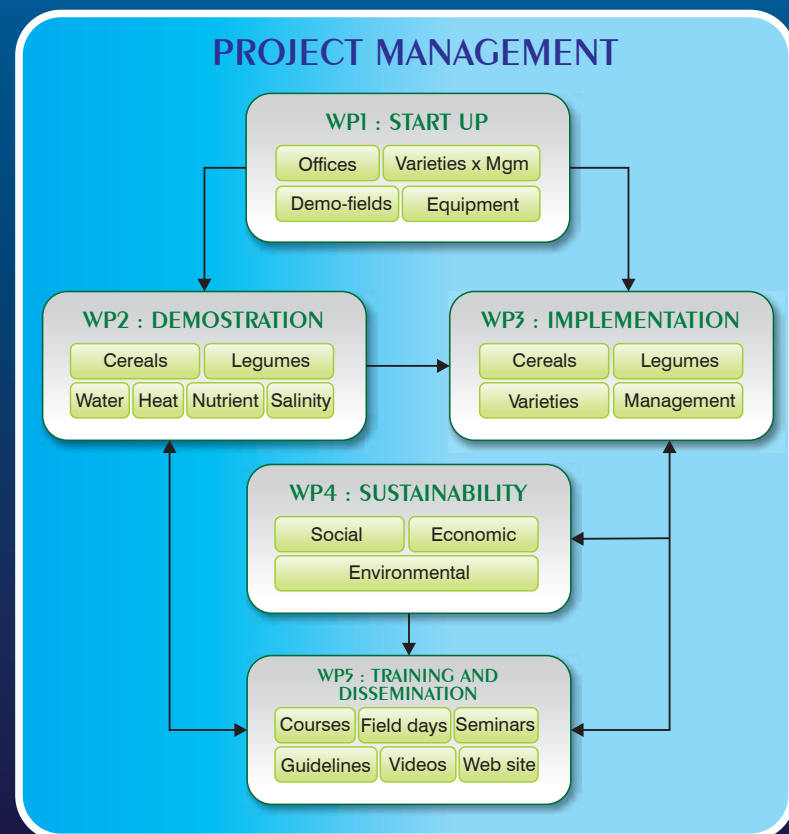
ENP (EUROPEAN NEIGHBORHOOD AND PARTNERSHIP)
FINANCIAL CO-OPERATION WITH MEDITERRANEAN COUNTRIES



A project implemented
by the CIHEAM-IAMB

OVERALL OBJECTIVE

To bring a durable improvement of the agricultural water management and a broader socio-economic development of target areas in the context of adaptation to climate change, increasing water scarcity, and desertification risks.



SPECIFIC OBJECTIVES

- To **improve the initial conditions** (local offices, stations, and demonstration fields) for **lasting promotion of sustainable agricultural practices** in target areas.
- To **demonstrate the applicability** for the selected combinations of **genotypes and water management practices** (including water harvesting and conservation tillage) at demonstration fields;
- To **adapt/stabilize agricultural production** through large scale **on-ground implementation** of the best performing genotypes and water harvesting/management practices;
- To **evaluate** the on-ground **sustainability** of the proposed adaptation measures considering the economic, social and environmental dimensions at farm level;
- To **train local farmers and growers** on the application and implementation of proposed management practices;
- To **disseminate the results** of the action through the thematic guidelines, brochures, field days, seminars, video material and a dedicated web page.

THE EXPECTED DIRECT OUTPUTS

- 6 demonstration fields** with agro-meteorological stations, other equipment and Excel-based irrigation scheduling tool;
- 2 years** of testing (at least 48 combinations of genotypes and water management practices);
- 24 training courses** and **600** farmers, technicians and water managers trained;
- 60 field days** with the participation of **1200 local stakeholders**;
- 2 years on-ground implementation** of the best performing varieties and water harvesting and management practices in a surface area of at least **240 ha** with the involvement of **at least 120 farmers**;
- 2** guidelines, **24** brochures, **6** seminars, **180** minutes of video material, etc.

SOCIAL AND ECONOMIC IMPACT:

- support of the local communities** to market a quality durum wheat (in Lebanon and Morocco) and chick pea (in Morocco) products and
- promotion of the women cooperatives** for durum wheat transformation to several types of couscous on downstream value chain (in Morocco)

PARTNERSHIP

- International Centre for Advanced Mediterranean Agronomic Studies - Mediterranean Agronomic Institute of Bari (**CIHEAM-IAMB**)
- International Centre for Agricultural Research in the Dry Areas (**ICARDA**)
- Institut National de la Recherche Agronomique (**INRA**), Morocco
- Institut National Agronomique de Tunisie (**INAT**), Tunisia
- West Nubaria Rural Development Project (**WNRDP**), Egypt
- National Center for Agricultural Research and Extension (**NCARE**), Jordan
- Lebanese Agricultural Research Institute (**LARI**), Lebanon
- Centro Euro-Mediterraneo per i Cambiamenti Climatici (**CMCC**), Italy
- Consiglio Nazionale delle Ricerche - Istituto per i Sistemi Agricoli e Forestali del Mediterraneo (**CNR-ISAFOM**), Italy
- Universitat de Barcelona (**UdB**), Spain
- Universitat de Lleida (**UdL**), Spain
- University of Nottingham (**UNOTT**), United Kingdom
- Agriculture Environnement et Developpement, pour l'Avenir (**AGENDA**), NGO, Morocco
- Association of the Friends of Ibrahim AbdeI Al (**AFIAL**), NGO, Lebanon
- Technical Institute of Field Crops (**ITGC**), Algeria

