

## Project partners



## Project Duration

The project lasts for 36 months starting from March 2017 to February 2020.

## Contact info

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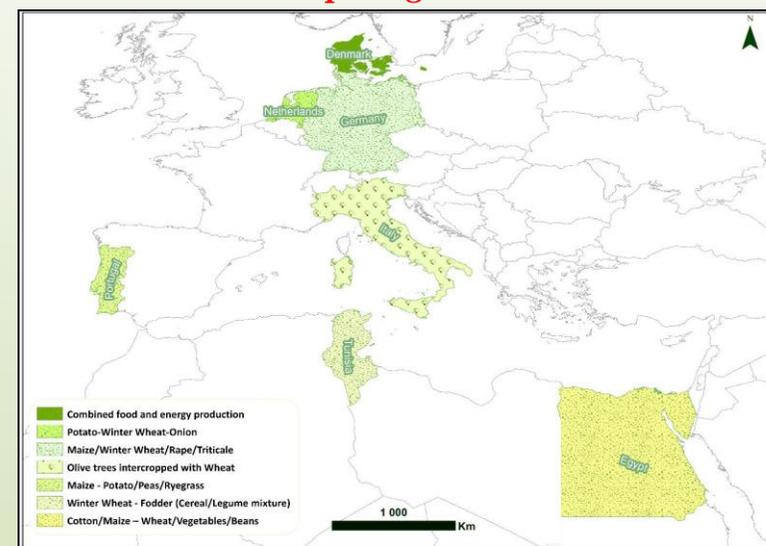
## WaterFARMING project

Co-funded project (EU-ASRT)

*Improvement of water and nutrient retention and use efficiency in arable farming systems from field to catchment scale in Europe and North Africa*



## Participating countries



## Motivation

*Agriculture consumes 25-80% of the total water use in the EU and N. Africa. Problems of low water supply are most accelerating in South Europe and N. Africa as a result of climatic changes. Magnitude, diversity and complexity of water and soil issues call for a coordinated and versatile strategy, as proposed by WaterFARMING. The project is oriented to retain the available water resources, and to optimize water and nutrient use across agricultural sectors in Europe and N. Africa regions.*

## Objectives

The main **WaterFARMING** goal is to enhance water and nutrient retention capacity and improve use efficiency in diverse arable production systems, across Europe and N. Africa.

The specific objectives are to:

- 1- Quantify the potentiality to enhance water and nutrient use efficiencies at the scales of field, farm and catchment.
- 2- Identify and use environmental, economic and social indicators to evaluate the production systems
- 3- Design innovative practices to achieve sustainable water and nutrient use production systems
- 4- Develop a web-based decision support tool for informed-decision making by farmers, advisory services and policy.

## Participating institutes & countries

UCPH, Denmark



UFZ, Germany



NARSS, Egypt



CNR, Italy



WU, Netherlands



FFCUL, Portugal



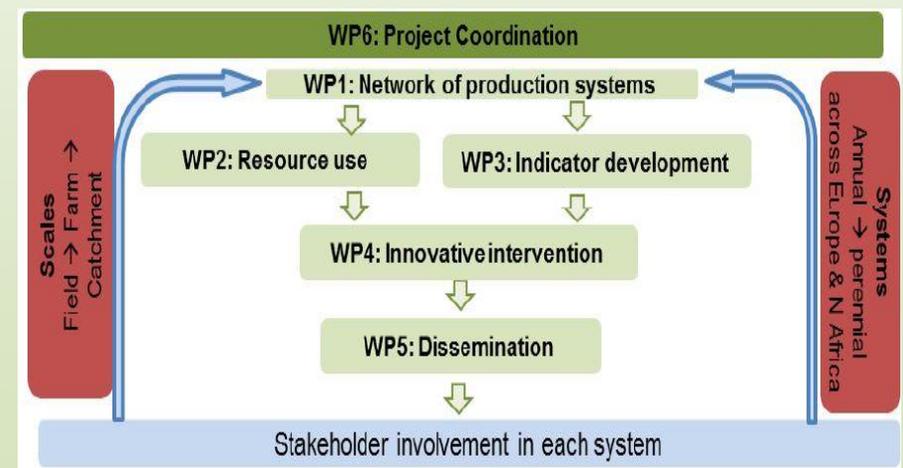
CERTE, Tunisia



## Project Workpackage

- **WP1** Network of production systems and Stakeholder Platforms in Europe and North Africa (12 MM, Leader: CNR)
- **WP2** Assessment of water and nutrient use efficiency from field to catchment scale (42 MM, Leader: WU)
- **WP3** Development of indicators for productivity, environmental and economic performance (30MM, Leader: CERTE)
- **WP4** Design of innovative water and nutrient efficient production systems (17 MM, Leader: UFZ)
- **WP5** Dissemination of outputs and communication to stakeholders (36 MM, Leader: NARSS)
- **WP6** Project Co-ordination (36 MM, Leader: UCPH)

## Overall coherence and effectiveness



## Project website address

<http://www.narss.sci.eg/waterfarming/>