

EU Framework Programme for Research and Innovation (2014 – 2020)

Societal Challenge 2: Food security, sustainable agriculture and forestry, marine and maritime and inland water research and the bioeconomy

## PARTNER is looking for a Project.-

1) PARTNER OFFERED

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| Organisation | Castilla-La Mancha University | Type of organisation (IND, SME, Research, University, others) | University |
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I am familiar with the European Framework Programme:

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| YES  |  |

I have experience as a Partner or Coordinator:

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| YES  |  |

If yes, in which programmes/projects?

 In the projects: 1) NIWASAVE (1996-FAIR 1 CT 950088); 2) (MERIT) (EVK1-CT-2000-00085); 3) (DeSurvey) (SUSTDEV-CT-2004-003950-2); 4) FLOW-AID (2006-GOCE 036958)

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| Role in desired project | technology development: X  | research: X  | demonstration: X  |
|  | dissemination:  | training:  | other:  |
| Topic/s in which I am interested | Sustainable agriculture |
| Expertise offered and what I would like to do | Use of integrated tools and models developed for sustainable water and energy management in irrigation as: 1. MOPECO model to determine optimal cropping pattern at the farm level, with the aim of optimizing economic water productivity and minimizing the environmental impact considering optimized regulated deficit irrigation.
2. Tools and models for improving irrigation infrastructure design and management as a whole (microirrigation and sprinkler irrigation), based on water and energy savings irrigation networks, including the optimization of design, sizing and regulation of pumping systems.
3. Use of web-based GIS platforms for information and technology transfer to end users in a feedback process.
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2) COORDINATOR / PROJECT sought after (for proposal submission only)

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| WP topic : FP7-ENV-2013-WATER-INNO-DEMO-1. FP7-ENV-2013-WATER-INNO-DEMO-1 |

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| Project type | Research and Innovation Action |  |
| Innovation Action | X |
|  | CSA |  |
|  | SME Instrument |  |

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| Keywords of project: | Coordinator of the proposal **I DEW** (INTERNATIONAL DEMONSTRATION OF EUROPEAN INNOVATIONS IN WATER AND ENERGY MANAGEMENT) The main aim of the I DEW project is to help promote innovations of EU SMEs in water-energy nexus and wastewater treatment and reuse issues by demonstrating their viability and facilitating international market-uptake. Evaluation (total score 13.0 over 15) |

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| WP topic : H2020, WATER-1a-2014: First application and market replication |

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| Project type | Research and Innovation Action |  |
| Innovation Action | X  |
|  | CSA |  |
|  | SME Instrument |  |

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| Keywords of project: | Coordinator of the proposal **MARWES** (Market uptake of eco-innovations aiming rural water and energy saving)The main aim of MARWES is to promote and deploy eco-innovations, developed by EU SMEs, tackling the water and energy integration and wastewater treatment and reuse priorities and selected for their great potential to improve rural water use efficiency.Evaluation (total score 10.5 over 15) |

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| WP topic : H2020-FETOPEN-2014-2015-RIA, in the Topic: FETOPEN-1-2014 |

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| Project type | Research and Innovation Action | X |
| Innovation Action |  |
|  | CSA |  |
|  | SME Instrument |  |

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| Keywords of project: | Partner in the Proposal 664295- SAGREGWEX (SAlinity GRadient Energy for Ground Water EXploitation).The aim was to exploit the energy potential of salinity gradients existing at the fresh-water/saline-water interface along coastal aquifers for (1) extraction of fresh water for domestic and irrigation purpose, and (2) control of the strength of saline water intrusion.Evaluation (total score 3.55 over 5) |

I AGREE WITH THE PUBLICATION OF MY DATA.