



INTELLIGENT WATER

Spanish Water Technology Platform

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Contact person and organisation

- **Name:** Miguel López Estebanz
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- **Web URL:** www.waterplatform.com
- **CV:** Agronomist with Master Degree in Irrigation and Drain. Internship in EPCOR Water Services (Vancouver, Canada). From 2000 to 2006 he worked in ADEMA and in the Duques de Soria Foundation managing European projects of Environment and Rural Development . Since 2005 he has run the Spanish Association of Irrigation Manufacturers and he is in charge of the Spanish Water Technology Platform Secretary.
- **Organisation's name:** Spanish Water Technology Platform
- **Nature of your organisation:** Forum for co-operation among all technological and scientific agents of the water technology sector – companies, public and private research institutions, investors, public administrations etc-
- **Country from which it operates:** Spain
- **Department within the organisation:** Secretary's Office of the Platform.
- **Speciality of the department:** Coordination of the Platform.



Experience

- **Skills of the organisation:** technology transfer, dissemination, training.
- **Topic of interest:** KBBE-2010.1.-2-03: Sustainable water resources management (WRM) and soil fertility conservation for food production in Africa – SICA (Africa).
- **Previous / ongoing projects in the area:**
 - ✓ FP7-KBBE-2009-3 “Sustainable Use of Irrigation Water in the Mediterranean Region” (SIRRIMED).
 - ✓ FP7-SME-2008-2 “Reliable Autonomous Drip Irrigation Control System Based on Smart Processing of In-Field and Multiple-Source Remote Data” (DRIPCONTROL).
 - ✓ LIFE + 2008: “Reclaimed water for management or recurrent deficient river basins”.
 - ✓ LIFE + 2009: “Innovative model of intelligent management of water and energy in agriculture” (INTELLIGENT WATER).
 - ✓ CIP-EIP 2009: “Innovative technologies in water among SME’s” (INNOWATER).



The Project

- **Possible name of the project:** INTELLIGENT WATER
- **In the context** of the great increase of the demand and the strong shortage of water, food and lands, the ***controlled technical deficient irrigation*** becomes the unique variable of possible adjustment in the global agriculture.
- **The aim of the project** is the definition, implementation and launching of the highly participative, transparent and transferable “Innovative Model of Intelligent Management of Water and Energy in Agriculture” which will be applied in pilot form in different watering communities/associations representative for Euro-Mediterranean agriculture. The model finds its principal objectives in saving of water and energy within the global strategy of adaptation to the climate change.
- **Keywords related to the proposal:** intelligent management; water and energy; water communities/associations.



Content of the Project in Brief

- **The project should focus** on this new “Innovative Model of Intelligent Management of Water and Energy in Agriculture” that allows to produce sufficient food crops and to achieve sustainable use of irrigation water, conservation of soil fertility, and saving of water and energy.
- **The objective of the proposal** is to launch a highly transferable intelligent model of sustainable management of water and energy in the agriculture with important increasing environmental, social, economic and technological benefits.



Possible Partners

- Actual consortium:
 - End-users
 - Industry
 - SMEs
 - Spanish Water Technology Platform

- Possible partners for this project can be:
 - End-users.
 - Research Institutes.
 - Industry.
 - SMEs.
 - National/regional authorities.

From MS, AC, ICPC, African ACP, African Mediterranean Partners Countries.