

## **NEW TECHNOLOGIES ON WATER IN SPAIN: MODERNIZATION OF IRRIGATED AREAS.**

**Type of event:** Workshop<sup>1</sup>.

**Concept note:** “NEW TECHNOLOGIES ON WATER IN SPAIN: MODERNIZATION OF IRRIGATED AREAS” is a side event within the 2<sup>nd</sup> Mediterranean Water Forum framework that aims to discuss the changes in irrigation water management caused by public actions on modernization of irrigated from the perspective of user communities and individual irrigators.

**Organization:** It is organized by JUNTA CENTRAL DE USUARIOS REGANTES DEL SEGURA (Central Community of Segura river’s Irrigators). Institut Mediterranéen de L’Eau (IME). Consejería de Agricultura y Agua (Murcia’s Regional Government). Forum for the Excellence in Engineering (FIDEX). Colegio Oficial de Ingenieros Agrónomos de Murcia.

**Participants:** The participation is open to any participant in the 2<sup>nd</sup> Mediterranean Water Forum.

**Main topics:** Promotion of modernization processes in traditional irrigated areas, CIT’s and remote control of elements in irrigation schemes, CIT’s water delivery, CIT’s and economic management, CIT’s and energy.

**Registration:** The registration is open till the start of event.

**Date of celebration:** Tuesday, 25<sup>th</sup> November 2014, from 9:00 am to 14:30.

**Place:** Auditorio y Centro de Congresos Víctor Villegas. Primero de Mayo Avenue. Murcia (Spain).

### **Agenda:**

9:30 Opening and introduction by Mr. Isidoro Ruiz Gabaldón, President of JUNTA CENTRAL DE USUARIOS REGANTES DEL SEGURA

9:45 Institutional framework of irrigated areas modernization in Murcia (Spain). David Velarde Trigueros. Consejería de Agricultura y Agua (Murcia’s Regional Government).

10:05 Modernization of Control System Chanel in the Irrigated Area of Zújar river (Spain). Sustainable and efficient exploitation. Carlos Moreno Blanes and Mario Fernández Manzano (EPTISA).

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<sup>1</sup>Workshop definition: sSeminar or small group that meets to explore some subject, develop a skill or technique, carry out a creative project, etc

10:25 Preventing water evaporation from reservoirs in the irrigated areas. Juan Antonio Martínez (Tonifruit) and Ramón de los Santos Alfonso.

10:45 Detecting water leakage in the water irrigation reservoirs. Bernhard Weiss (GSE) and Ramón de los Santos Alfonso.

11:05 FP7 water demonstration projects contributing to irrigation. Eric MINO (SEMIDE) and David Hernández Gómez (FEANCORE).

11:25 Coffee break

11:45 Techniques for brackish and sea water desalination for irrigation in Spain. Miguel Ángel Marzal, TR.

12:05 A spanish example of energetic innovation in irrigated areas. José Miguel Pérez García (Perga Ingenieros, S.L.)

12:25 Project and management of modernized irrigated areas in La Plana (Castellón – Spain). José Luis Fabra. GVA.

13:05 Reuse of wastewater, regenerated and desalinated, by Irrigators Community “Arco Sur” in the Cartagena Field. (Murcia-Spain).

13:25 Available methods to measure flow and water velocity in open channels serving irrigated areas. José Ramas (RAMTOR, S.A.)

13: 45 Conclusions