



SAFIR

Safe and High Quality Food Production using Low Quality Waters
and Improved Irrigation Systems and Management

The EU FP6 Project SAFIR

invites you to a one-day final workshop in Brussels

Friday 25 September 2009

**"Fresh food production with use of treated
waste water and water-saving irrigation.
A sustainable future?"**

**DG RTD - CDMA building
Room S1**

**Rue du Champs de Mars 21
1050 Brussels**

**Project participants and invited guests will present and
discuss innovative water saving methods in irrigated
agriculture, state of the art wastewater treatment
technology, impact and risk of using treated wastewater for
irrigation, economical feasibility studies and farm
management DSS.**

**Views from consumers, agricultural actors, water technology
and related policy and legal experts are particularly
welcome**



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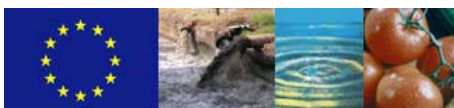


The mission of SAFIR

SAFIR addresses two fundamental problems that over the past decade have increasingly become of public concern, i.e. the safety and quality of our food products, and the increasing competition for clean fresh water around the globe.

The overall objectives of the research were:

- 1)** To develop water saving irrigation systems and management that allow safe use of low quality water resources. We'll combine technology in the field of cost effective water treatment and subsurface Deficit Irrigation (DI) and Partial Root zone Drying (PRD) irrigation, new water saving methods, expected also to improve the quality of the produce.
- 2)** To assess the impact of these new technologies on product quality and safety (farm to fork approach), on production systems and on the environment.
- 3)** To develop a Decision Support System for the on-farm management of water resources and disseminate the results to National and EU relevant authorities, as well as to stakeholders from industry, food sector and farmers.



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Programme (in all presentations 5 min is left for questions)

Schedule	Duration	Title	Responsible
09:30-09:45	15 min	Welcome and SAFIR project overview	From SAFIR: Finn Plauborg and EC: Massimo Burioni
09:45-10:05	20 min	Treated waste water and its role in IWRM (tentative)	Panagiotis Balabanis, EC
10:05-10:25	20 min	Water, a driver in food quality and safety – balancing farmers needs and consumer perception	Tania RUNGE, Policy Advisor, Copa - Cogeca
10:25-10:55	30 min	Experience on implementation and use of the new WHO guidelines on the use poor quality waters (e.g. treated waste water) for irrigation in agriculture	Professor Duncan Mara, University of Leeds
10:55-11:25	30 min	Trends for the use of poor quality waters (e.g. treated waste water) in European agriculture	Miquel Salgot, University of Barcelona
11:25-11:45	20 min	Water pricing – Political trend and practical realities	Dr. Ingo Heinz, University of Dortmund
11:45-13:45		LUNCH	
13:45-14:25	40 min	New water treatment technologies (FTS) in irrigated agriculture	From SAFIR: Adriano Battilani, Michele Steiner & Jesper Lorenzen
14:25-14:55	30 min	Water saving irrigation technology and strategies	From SAFIR: Christian R. Jensen & Mathias Andersen
14:55-15:35	40 min	Food safety, impact and risk assessment	From SAFIR: Luca Sandei, Anders Dahlsgaard, Wolfram Klopmann & Tony Fletcher
15:35-16:05	30 min	Farm management model and DSS, including economics	From SAFIR: Jens E. Ørum, Laura Maton, Robert Poulsen & Finn Plauborg
16:05-17:05	60 min	General discussion, perspectives and recommendations. We plan for block discussions as mentioned on next page	All



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Blocks discussion:

1. Water for Food (new technologies – non-conventional water sources – impact)
2. Water saving in the age of CC (Irrigation strategies – technologies – crop physiology – water productivity)
3. Food Safety & Quality (microbiology – heavy metals/contaminants - quality aspects: sugars – derivatives/processing)
4. Tools & Applications (decision support – guidelines – feasibility studies – perception – Dissemination activities and products)

The workshop may be of interest to farmers, consultants, industries and researchers/scientists

Participation is free, but places are limited to a maximum of 60 persons (*first come, first served*).

To register, please, e-mail your name, function and country to DJF Aarhus University (Karina.Christensen@agrsci.dk), by **Friday 11 September 2009**.

For further information do not hesitate to contact the project coordinator Finn Plauborg, DJF (finn.plauborg@agrsci.dk)



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Participating institutions

- ◆ **Coordinator**, University of Aarhus, Faculty of Agricultural Sciences (DJF), Denmark
- ◆ Consorzio di Bonifica di secondo grado per il Canale Emiliano Romagnolo (**CER**), Italy
- ◆ University of Copenhagen, Faculty of Life Sciences (**LIFE**), Denmark
- ◆ Natural Environment Research Council (**NERC**), United Kingdom
- ◆ Bureau de Recherches Geologique et Minieres (**BRGM**), France
- ◆ London School of Hygiene and Tropical Medicine (**LSHTM**), United Kingdom
- ◆ Food and Ressource Economics Institute (**FOI**), Denmark
- ◆ DHI Water and Environment (**DHI**), Denmark
- ◆ National Agricultural Research Foundation (**NAGREF**), Greece
- ◆ Swiss Federal Institute of Environmental Science and Technology (**EAWAG**), Switzerland
- ◆ Polish Academy of Sciences, The Franciszek Gorski Institute of Plant Physiology (**IPP-PAS**), Poland
- ◆ University of Belgrade - Faculty of Agriculture (**UB**), Serbia
- ◆ China Agricultural University (**CAU**), China
- ◆ Chinese Academy of Agricultural Sciences (**CAAS**), China
- ◆ Netafim (A.C.S.) Ltd. (**Netafim**), Israel
- ◆ Stazione Sperimentale Industria Conserve Alimentari (**SSICA**), Italy
- ◆ Grundfos BioBooster A/S (**Grundfos**), Denmark

More information about the project and participants on the project web-site

WWW.SAFIR4EU.ORG



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