



PARTNER SEARCH FORM

RESEARCH GROUP INFORMATION

TITLE: Wastewater treatment and reuse for a sustainable management
ACRONYM: TRAGUA

SUMMARY:

The goal of this research Program is to generally achieve the different aspects involved in the reuse of waste waters coming from the EDARs (WWTs). For this purpose, there is a solid multidisciplinary team formed by 24 research groups with a large researching experience which includes 122 researchers.

The TRAGUA research team is gathered in four big areas of knowledge:

- 1.- Intensive Treatments of Waste Waters,
- 2.- Control and Evaluation of the Water Quality,
- 3.- Reuse of Water for Aquifer Recharging and Irrigation
- 4.- Socio-Economic Impact.

Some of the most important companies for supply and wastewater treatment as "Canal de Isabel II" and "Sadyt" are part of the group.

we count on experts in:

1. Advanced oxidation treatments, membranes, etc.
2. Chemical and microbiological analysis of waters and soils
3. Toxicology and ecotoxicology
4. Hydrogeological and agronomic studies
5. Socio-economic analysis of the reuse activities

Objectives:

The main Objective is to promote the water reuse as an alternative. Other specific objectives are:

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1. Assessment of the treatment technologies more suitable for each particular case
2. To reach the quality standards established for each type of use
3. Assessment effects on the environment
4. Economic valuation to choose the most cost-effective alternative

KEYWORDS: industrial wastewater, treatment, reuse, water quality, water management

TYPE OF PROJECT: Collaborative Project

CALL: FP7-ENV-2007-1

6.3.1.1. Water

ENV2007.3.1.1.1. Innovative technologies and services for sustainable water use in industries

PROJECT STATUS: Planned for submission

PARTNER SOUGHT

EXPERTISE REQUESTED:

ALL EUROPEAN COUNTRIES

As partners we are looking for experienced organizations (SME) involved in industrial wastewater treatment and reuse.