

Promotion and focussing of current research activities of Membrane Technology in Water Treatment in the Mediterranean Region

Start date: 2006-08-15

End date: 2008-08-14

Project Acronym: PROMEMBRANE

Project status: Completed

Coordinator

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Description

Objective: The complex dimensions of the Mediterranean freshwater resources, their fragility and their scarcity have been highlighted and have received considerable attention as a primary priority issue politically, technically and scientifically. Membrane technology, with its different applications in water treatment (desalination, potable water treatment, wastewater treatment and reuse) has showed to be a powerful tool to abate the water crisis in the Mediterranean region.

During the last five years, this technology has received a lot of attention, resulting in an improvement of membrane materials and techniques, which provide higher fluxes, longer lifetime, partly improving the fouling and high costs. Although there are several national and international membrane research activities, lack of cooperation, very limited know-how exchange and an uncoordinated use of resources leads to parallel and ineffective R&D activities.

The primary objective of PROMEMBRANE is to support the current research and development activities in membrane technology focussed on water treatment in the Mediterranean area, providing an international stage to local research organisations and universities devoted to the development of membrane technologies in the following areas: municipal and industrial wastewater treatment, surface water purification and brackish and sea water treatment for drinking purpose.

The first stage of the project will cover the identification, mapping and evaluation of the on-going research, in order to propose future research and cooperation strategies. The second stage, will be the diffusion and dissemination of successful experiences and research activities being currently carried out, through the organisation of the two regional contests 'PROMEMBRANE Young Scientist Award' along the frame of the two regional Fairs in Egypt and Syria and an international conference in Tunisia, encouraging and promoting further research activities in membrane technologies.

Achievements:

General information:

Project Details

Start date: 2006-08-15

End date: 2008-08-14

Duration: 24 months

PJ_REF: 31773

Project cost: 249885 EURO

Project Funding: 249885 EURO

Programme Acronym: [FP6-INCO](#)

Programme type: Sixth Framework Programme

Subprogramme Area: Comprehensive policy for integrated water planning, Advanced water treatment, re-use and energy implications

Contract type: Specific Support Action

URL:

Subject index: Energy Saving, Environmental Protection, Policies

Other Indexes:

Other participants

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