

Web-platform

The website www.mbr-network.eu provides actual information on the projects **AMEDEUS** and **EUROMBRA**, as well as on the activities of the European cluster MBR-Network.

In addition, this is a communication and exchange platform dedicated to the worldwide MBR-community, which offers contacts to a large group of international MBR professionals and experts.

Facts and Contacts



MBR-Network

European cluster dedicated to membrane bioreactor technology

AMEDEUS and **EUROMBRA** are two Specific Targeted Research Projects supported by the European Commission under the Sixth Framework Programme (Priority "Global Change and Ecosystems")

Duration: 01/10/2005 - 30/09/2008

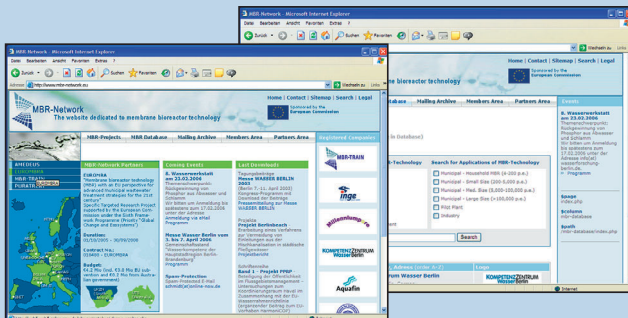
AMEDEUS and **EUROMBRA** constitute the European cluster **MBR-Network**.

AMEDEUS

EUROMBRA

Free services online

- Data-base of **companies** and **institutions** active in the MBR field
- Data-base of **articles, books** and **conference proceedings** related to MBR
- Data-base of **other European projects** involved with MBR
- List of international **conferences, symposiums** or **seminars** addressing the MBR topic
- **Archives of mailing-list** between members of the MBR-community



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AMEDEUS

Contract No. 018328
Budget: €5.9 million
(incl. €3.0 million EU subvention and €0.2 million from Australian government)

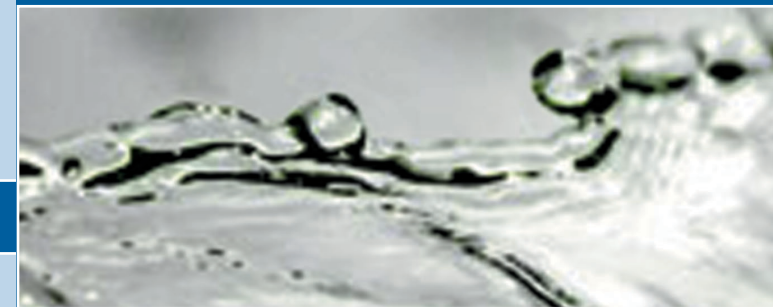
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EUROMBRA

Contract No.: 018480
Budget: €4.3 million
(incl. €3.0 million EU subvention, €0.2 million from Australian government and €0.1 million from WRC, South-Africa)

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MBR-Network

European cluster dedicated to membrane bioreactor technology

AMEDEUS

Accelerate membrane development for urban sewage purification

EUROMBRA

Membrane bioreactor technology for advanced municipal wastewater treatment strategies

Two projects and one cluster

The projects **AMEDEUS** and **EUROMBRA** focus on research and development of the membrane activated sludge technology and constitute the **MBR-Network** cluster.

This recent invention, commonly referred to as membrane bioreactor (MBR), is already implemented worldwide on a large scale to treat industrial wastewater, and is considered as a key technology to achieve advanced municipal wastewater purification in the future.

Compared to conventional technologies, the MBR enables complete disinfection of the treated water, and may lead to superior elimination of trace substances and emerging pollutants. The costs remain however nowadays in most cases greater than conventional processes for a given treatment quality.

Objectives

- Reducing both capital and operation costs of the MBR technology in Europe in order to increase its competitiveness with respect to conventional technologies;
- Increasing the share of European companies in the market of MBR plants, in the EU as well as worldwide, while strengthening the European MBR market;
- Facilitating the implementation of the European directives on wastewater treatment and bathing waters, as well as increasing the potential for non-potable reuse of treated effluent.

List of participants

Berlin Centre of Competence for Water (Germany)
A3 water solution (Germany)
Anjou Recherche – Veolia Water (France)
Envi-Pur (Czech Republic)
Flemish Institute for Technological Research (Belgium)
Inge AG (Germany)
Millenniumpore Ltd. (England)
Polymem (France)
University of Technology Berlin (Germany)
Aquafin (Belgium)
Tecnotessile (Italy)
University of New South Wales (Australia)

List of participants

Norw. University of Science and Technology (Norway)
Cranfield University (England)
RWTH-Aachen (Germany)
IBET (Portugal)
INSA-Toulouse (France)
University of Montpellier II (France)
Delft University of Technology (Netherland)
Eawag (Switzerland)
University of Trento (Italy)
University of Technology Sydney (Australia)
University of KwaZulu-Natal (South Africa)
Polymem (France)
KMS GmbH (Germany)
FlowConcept (Germany)
Millenniumpore Ltd. (England)
Water Authority of Hollandse Delta (Netherlands)
Erftverband (Germany)
IHE-UNESCO (Netherlands)