

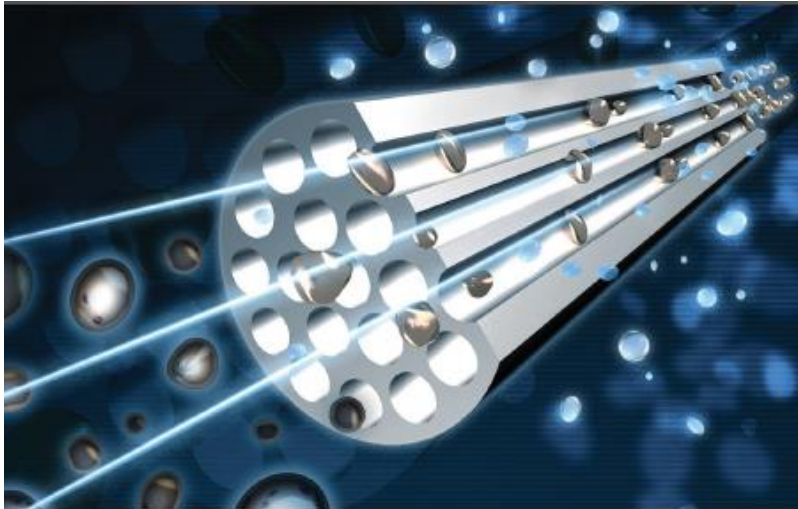
Membrane Technology for  
**solid/liquid** and **liquid/liquid** separation



***“No Water No Production”***

***Expert Round Table on Water Management in Industry, 27 November 2024***

*Carsten Orzol / MD*



**MEMCON Total Process Solution® (MTPS®)** provides customised membrane technology solutions for *liquid-liquid* and *liquid-solid* separation.

The **MEMCON** membrane systems can mechanically separate any kind of liquid into valuable and unwanted substances at the client's production process.

**MEMCON's** comprehensive laboratory and pilot plant equipment are used to assist in feasibility studies and project costing forecasts.



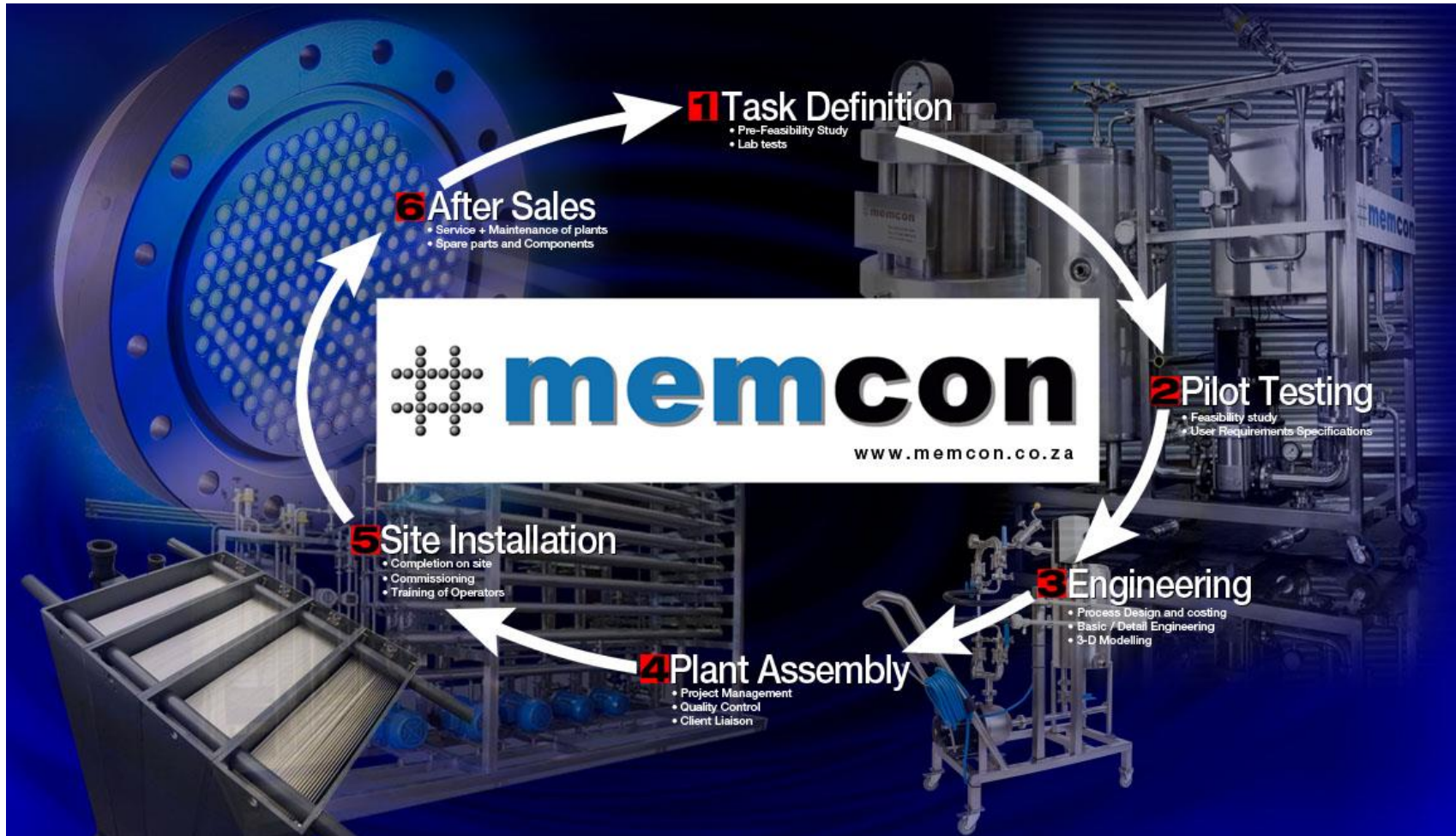
**Customer Benefits:**

**Legal environmental compliance with reduced operational expenditure** by designing a technical solution that **guarantees** compliance with environmental legislation (Local and International).

**Reduced total cost of process operation** (lowering operational expenses, recovering valuable substances back to process, i.e. fresh water).

[www.memcon.co.za](http://www.memcon.co.za) | +27 11 534 3938 | [info@memcon.co.za](mailto:info@memcon.co.za)





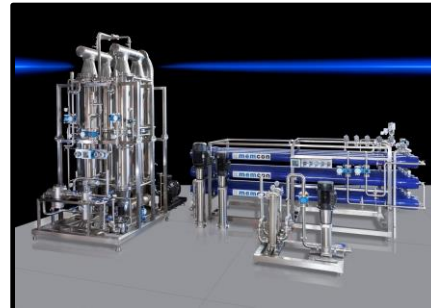
## MEMCON Revenue

①



**Services**

②



**Projects**

③



**Components**



## Application Examples 1

Dairy Waste Water recycling



Dissolved Metals / Acid Separation



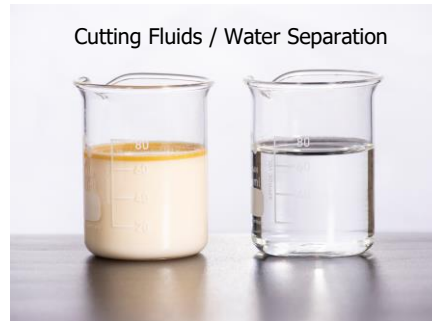
Precipitated Base Metals / Acid Separation



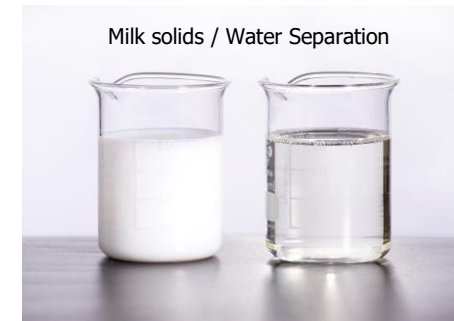
Paint / Water Separation



Cutting Fluids / Water Separation

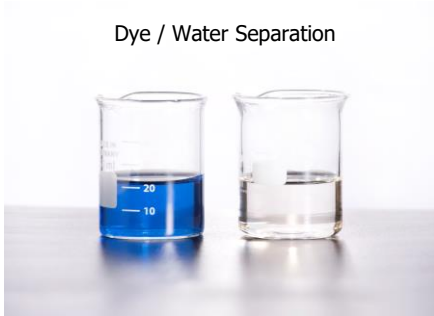


Milk solids / Water Separation



## Application Examples 2

Dye / Water Separation



Tannery Waste Water Treatment



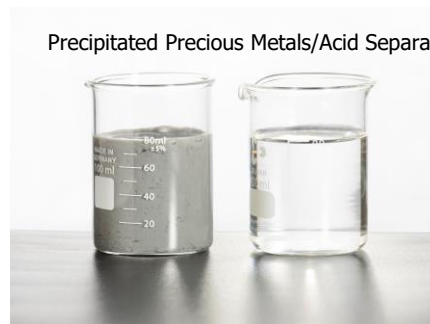
Oily Waste Water Treatment



Landfill Leachate Treatment



Precipitated Precious Metals/Acid Separation



Cosmetic oils purification



## Process Membrane Technology



***Agencies for German Water Treatment Technology (Membranes)***



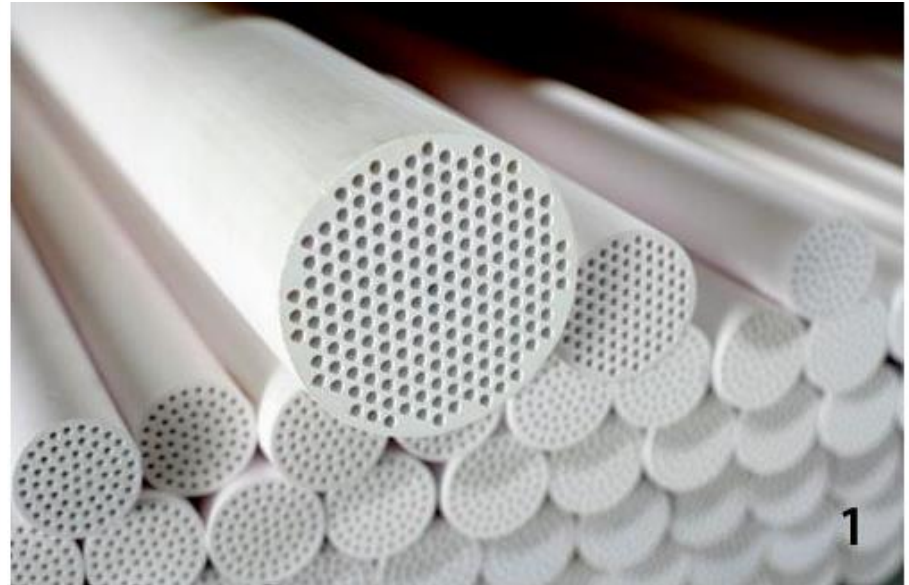
**MANN+HUMMEL – Life Sciences & Environment**

**MANN +  
HUMMEL**



ATECH Innovations GmbH

**atech**  
**innovations**  
gmbh



## ***Case Studies***

**Membrane Bio-Reactor Plant for Industrial Waste Water Treatment**



## Cheese Whey Treatment



## Tannery Waste Water Treatment



