

Wastewater is a valuable source for reusable water, renewable energy and recoverable compounds like phosphorous and nitrogen. Forward Osmosis (FO) is a new promising membrane technology to concentrate wastewater and produce at the same time reusable water.

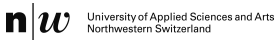
## ComFORMD - concentrate fouling feed streams

### Project

An international consortium developing concentration processes for industry, using Forward Osmosis with Reversed Osmosis and Membrane Distillation.

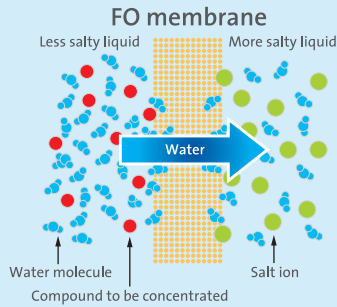
ComFORMD includes draw solution selection, waste heat harvesting and concentrate treatment for a higher energy efficiency.

[www.comformd.eu](http://www.comformd.eu)



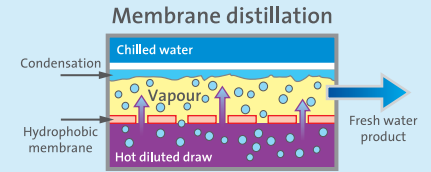
This project has received funding from the Eurostars-2 joint programme with co-funding from the European Union Horizon 2020 research and innovation programme.

### Forward Osmosis

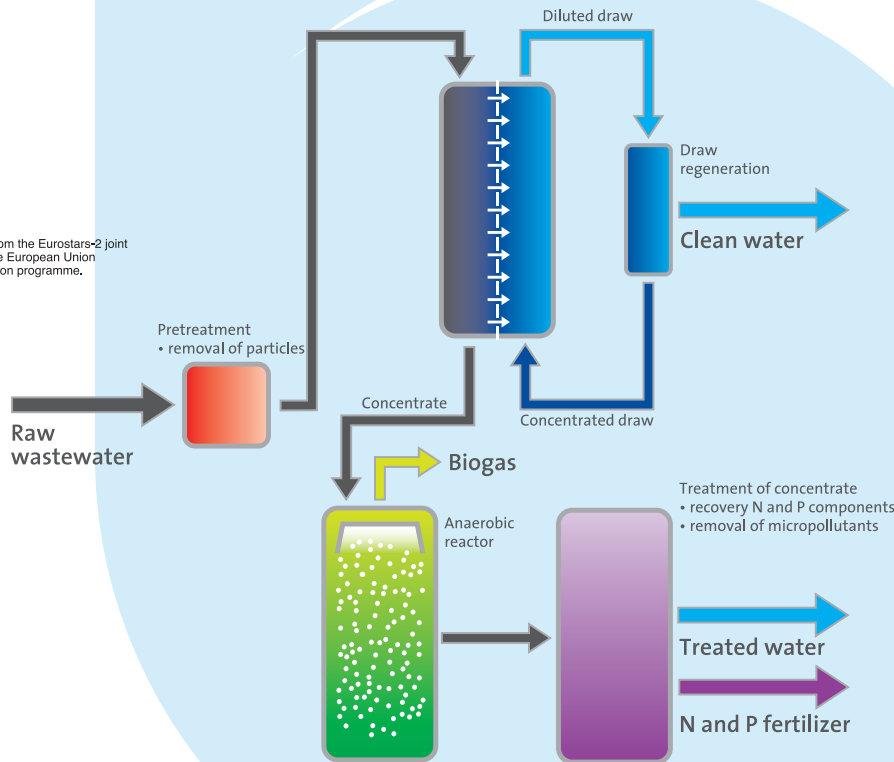
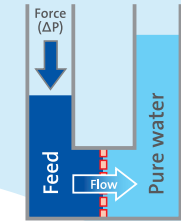


- No mechanical pressure
- No thermal force
- Low fouling
- High concentration factors
- Protects MD and RO processes

### Draw solution recovery

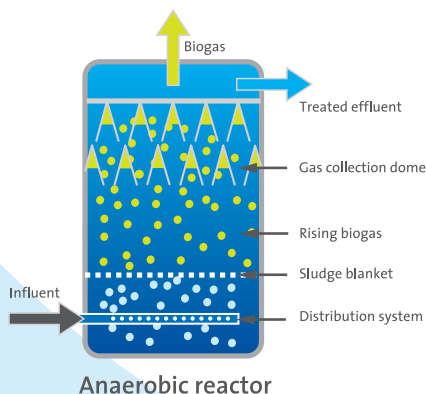


### Reversed Osmosis



## Concentrate treatment

### Anaerobic treatment



### Nutrient stabilization by VUNA technology

