



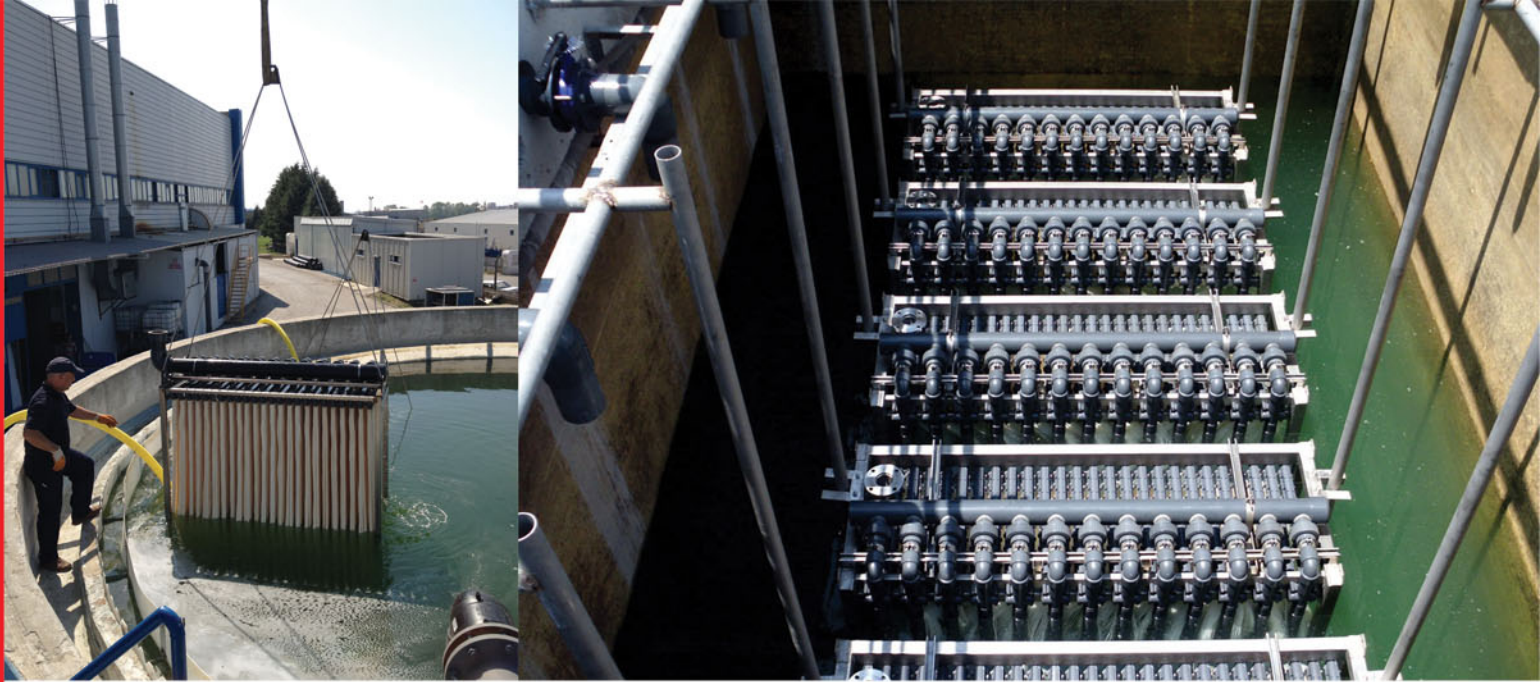
Rielli

Ultrafiltration Plants and
Membrane Bioreactors

Innovative 

Profit generating 

Environment friendly 



Membrane Bioreactors

Membrane bioreactor type (MBR) wastewater treatment plants consist of the combination of submerged type membrane ultrafilter and aerobic biological treatment reactor. These systems are used for advanced treatment of domestic and industrial waste waters. All solid substances larger than 0.02 microns are kept by the membrane and the treated water with almost no solid substances and microorganisms are discharged.

Rielli MBR plants offer the most efficient and cost effective solutions for grey water treatment, urban and industrial waste water treatment, and rain water recovery.



Ultrafiltration Plants

Rielli Ultrafiltration plants effectively remove all suspended matter from water. With their 0.01 micron pore size, Rielli Ultrafiltration modules operate at the edge of ultrafiltration to nanofiltration. Because of this pore size all suspended matter including viruses are filtered. In spite of this very fine filtration, thanks to the technology used, the operating pressure and need of chemical cleaning of Rielli UF modules is relatively lower when compared to its competitors. As well as providing very fine filtered water, Rielli UF plants are mainly used in RO pre-filtration, filter backwash recovery, cooling water recovery and similar applications. Like all our plants, Rielli ultrafiltration plants are designed by the aid of dedicated design software, but still mainly depending on our engineers creativity and intelligence. While the software calculating all possibilities guides us to design for the best suitable device in terms of investment and operation expenses, it is our engineers experience that allows us to design the perfect fit for your project.





Rielli offers conventional and innovative water and waste water treatment solutions. Besides conventional filtration and biologic waste water treatment processes, we at Rielli use biologic waste water treatment, ultrafiltration and reverse osmosis processes to provide advanced water treatment recovery. Rielli plants are widely used in process water production potable water production, containerized and mobile solutions, grey water recovery and advanced water treatment. For your needs of special water and waste water treatment applications please consult our technical team. We are willing to take part in new and challenging projects.

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