



Komesli R&D, Environmental Technologies, Engineering, Informatics, and Medical LLC

WE CAN RECYCLE EVERYTHING EXCEPT FOR TIME

"Using Smart Membrane Bioreactor (MBR) Systems to keep energy consumption and continuous staff requirement at minimum level"

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Due to growing Population and industrialization, our clean water resources are decreasing. Over 1.1 billion people can not access to clean water, this number will pass 2.5 billion in 2025. Moreover, disposal of untreated or insufficient wastewater pollute the clean water sources. Not only get rid of wastewater but also to find new clean water source, wastewater reuse after treatment is rapidly spreading. The wastewater reuse is determined by the regulation. Membrane Bioreactor (MBR) wastewater treatment system is the most commonly used system for wastewater reuse which is met the regulation.

Our company was established in AtaTeknokent with the support of Teknogirism by the Ministry of Science, Industry and Technology in 2013. The team has many experience on sustainable development and recycling of wastewater not only in Turkey but also abroad synchronized with the world over 15 years.

Our company produced first commercial MBR system. Besides Teknogirşim Sermaye Desteđi, Our company completed KOSGEB -Industrial Investment and TUBITAK-TEYDEB successfully. Our company is producing Smart Membrane Bioreactor systems which is the first time with ongoing KOSGEB R&D Project. According to the properties and flux of the wastewater, Smart MBR systems can adjust itself automatically. Thus, wastewater treatment is provided by remote control with minimum energy consumption.

Team: Şenba Komesli, Metin Arıkan, Evren Hekim, Gürkan Öner Komesli, Özgür Akçay, Cengiz Fetullahođlu and Okan Tarık Komesli

Trailer: <https://www.youtube.com/watch?v=v26Sdphkb4s>