

Emmanuel Joncquez

Technological solution for water and resources recovery using state of the art separation technology

Alfa Laval Copenhagen A/S

Water resources are alarmingly under pressure due to rising population and greater use of water per capita due to economic development. Traditional resources will become less available in the future. In long run, new sources such as reuse of wastewater would replace natural groundwater resources. Membrane filtration which is one of the significant separation technology would experience rise in demand as it becomes established dominant technical solution for wastewater treatment.

Alfa Laval is a world leading supplier of solutions for separation, heat transfer and sanitary solutions. With its long history of providing innovative and strong solutions for the food industry, the company looks at being a leader for separation technologies that help its customers with water savings and process water recovery.

The presentation will focus on how to make a paradigm change from seeing wastewater streams as a burden to turning it into resources. It will address the dilemma of zero water discharge and current industrial solutions from the company to a better and greener wastewater treatment, including a discussion on how to succeed with testing.