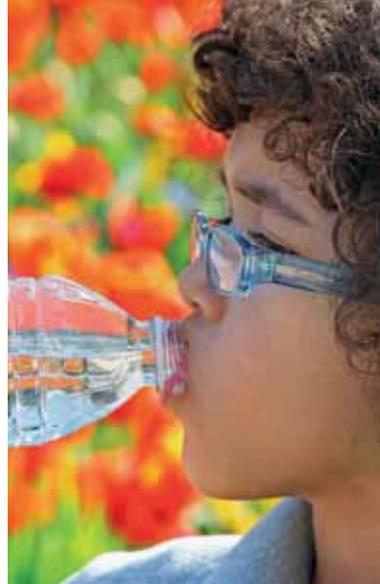


Thirsty for new, green ways of saving water?

In the light of the severe and escalating worldwide water crisis and increasing focus on water consumption, Tetra Pak Filtration Solutions has spotlighted a number of focus areas, which can reduce the water intake of dairy and food processing facilities considerably. The new opportunities have spurred the opening of a Water Competence Center in Silkeborg Denmark.



In many countries around the world, clean drinking water is extremely scarce.



By
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In many countries around the world, clean drinking water is extremely scarce, and this shortage makes it problematic for dairy and food processing plants to consume huge volumes of fresh water. However, implementing various green technologies such as RO concentration of milk and purification of process water will help save water and reduce the need for fresh water intake considerably. With the new Water Competence initiative, Tetra Pak Filtration Solutions wishes to inspire dairy and food processing companies to new, greener ways of thinking. New ideas, which will save water and at the same time secure growth opportunities - despite soaring prices of water and increasing regulatory requirements to water consumption and wastewater discharge, which often stand in the way to growth.

Water Competence Center

The Water Competence Center will be staffed with highly competent specialists in water saving technology and reuse of process water. It will be the hub for collection, systematization and documen-

tation of existing water expertise within Tetra Pak Filtration Solutions, and development of innovative solutions and best practices for optimal utilization of water in the dairy and food industry.

Recovering process water from production and using it for cleaning of production equipment reduces the need for water intake substantially, and some facilities around the world have already implemented 'Zero-Water' solutions. However, one very important aspect of reusing and recycling cleaned process water is food safety, and many countries have strict requirements to process water for reuse. One of the tasks of Water Competence experts is to map local legislation and requirements to recovered process water around the world. Only by having thorough knowledge of such legislation can the Water Competence Center provide professional advice to customers with respect to their particular regulatory framework, always with food safety as the main mission.



The new Water Competence organization will focus on process water and separation technologies in business areas where Tetra Pak is already active, e.g. dairy, cheese, ice cream, beverages, prepared food, and cosmetics. In addition, the organization sets out to further develop and enhance Tetra Pak Filtration Solutions' competencies globally in the production of dairy ingredients as well as membrane filtration processes outside the dairy industry.

Maximized value

Hence, the overall goal of the Water Competence Centre is to create maximum value for customers, delivering sustainable and profitable process solutions, which walk hand in hand with Tetra Pak's promise: 'Protects What's Good'.

Tetra Pak Filtration Solutions is Tetra Pak's centre of excellence for membrane filtration, formed by the merger of DSS Silkeborg, Filtration Engineering, and Tetra Pak Filtration Systems in 2012-13. The office in Silkeborg Denmark counts nearly 90 filtration and separation experts, dedicated to supplying innovative liquid separation solutions. ■

Tetra Pak Filtration Solutions have established a new Water Competence Center, dealing with greener ways of thinking to inspire dairy and food processing companies.