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WATER 2018
WATER MICROBIOLOGY
WATER SUSTAINABILITY & REUSE
TECHNOLOGIES
Rejuvenate Innovation in WATER
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WATER

A VITAL MOLECULE FOR LIFE

Water for All comprises the production of drinking and industrial water, and the purification of wastewater at a minimum cost. The scope of this market is estimated globally at $ 65-75 billion per year. The strong growth of this market goes hand in hand with the rising global need for fresh-water as a source of drinking and industrial water.

New wastewater purification technology is needed to be able to provide a sustainable, good quality supply of water without burdening the environment. The demand for this technology is in part driven by more stringent legislation and higher quality standards.

Water & Energy focuses on making the processes for the energy production industry more sustainable. It also focuses on new forms of clean energy based on water technology.

The use of water in the energy sector continues to rise. With the growth of the world's population and the growing demand for energy, this trend must be reversed. Alternative forms of energy generation based on water technology are expected to contribute to the transition from fossil fuels to clean energy.

As an extension of the agriculture and horticulture sectors, the food industry is facing the challenge of dealing efficiently with scarce raw materials. It needs to make processes more sustainable as a condition for a license to produce as well.

Water & IT focuses on expanding the efficiency of water technology by checking water quality using automatic sensing & monitoring. It also focuses on optimal control of the water chain (process control). This offers opportunities to significantly improve the processes of water treatment plants. It creates opportunities for a decentralized fit-for-use water treatment as well.