ANDRITZ Engineered Pumps

As one of the world's leading technology companies, ANDRITZ not only looks back on more than a century of expertise in the manufacturing and supply of electromechanical equipment for hydropower plants. The company wields decades' of experience in the construction and supply of project- and customer-specific large engi-

In order to mitigate these issues and address the associ-

ated requirement for reliable and sustainable water management in Europe, it is necessary to equip and retrofit

existing systems with appropriately efficient technology.

neered pumps. Starting in the 1960s, ANDRITZ put various pump stations for irrigation and drinking water supply into service across the Middle East and Africa, for example.

Today, we offer a broad product portfolio, which, in addition to vertical line shaft pumps and double-suction and multi-stage split case pumps, also includes vertical and concrete volute pumps, as well as submersible motor pumps. With a multitude of pump project references covering irrigation, large pumps for drinking and industrial water supply, flood protection for cities, dewatering mines, desalination, cooling thermal power plants, and large infrastructure projects, there is ample proof of ANDRITZ's technical expertise.

As part of a suite of sophisticated condition monitoring solutions, special pump sensors provide constant operating and condition data, which is accessible to customers from the ANDRITZ Metris system. This not only delivers a 24/7 service for the customer, but also continuous optimization of the entire plant.

ater is the source of all life, but also an indispensable resource for business, industry, agriculture, and energy supply. However, water is becoming scarcer; soon the demand for fresh water will exceed the supply by nearly 50%.

At face value, this does not appear to be an issue for European countries. There is a reliable supply system and water resources are used sustainably with a view to the long term. This appearance, however, is deceptive. Seasonal shortages, little precipitation, high population density, and intensive business and industrial use are affecting existing water resources and are creating sustainability and supply problems in some areas.

