



ARIONEX water treatment

WATER TREATMENT AND REUSE TECHNOLOGIES

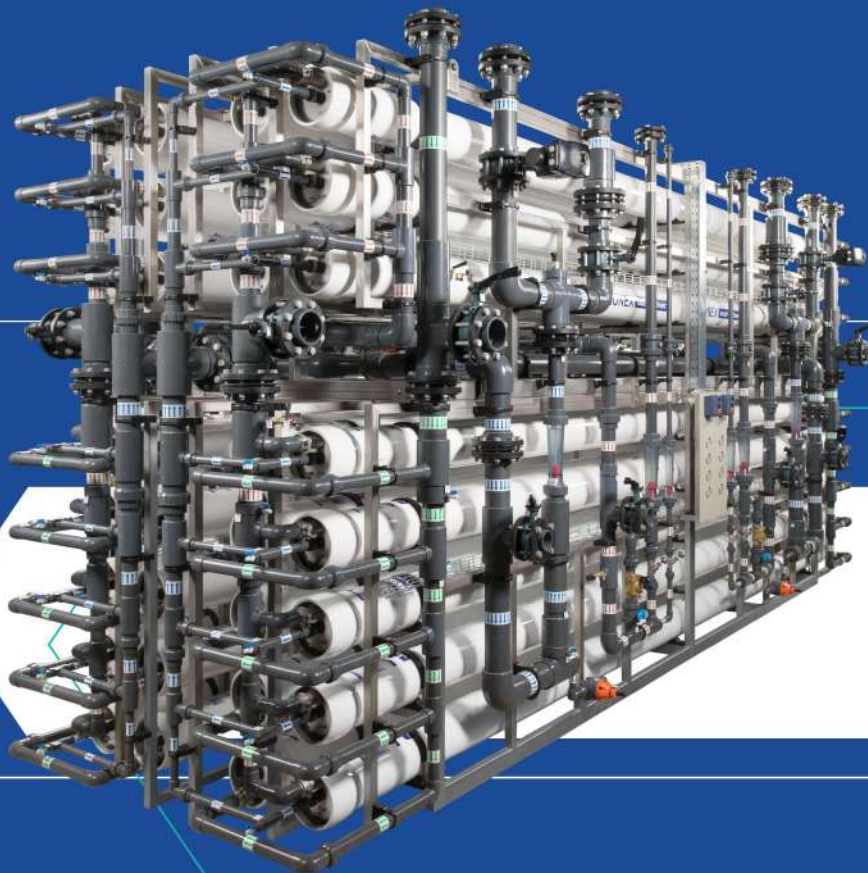


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ARIONEX water treatment



ABOUT ARIONEX

The ARIONEX company initially started its activity in Switzerland as an engineering company for special ion exchange processes for condensate treatment.

After 20 years of realization of various projects, the company opened a subsidiary in the European Union for the production of water treatment equipment.

Today ARIONEX focuses on water treatment, water recycling, Zero Liquid Discharge, filtration systems for the food industry, as well as design, manufacturing, commissioning, technical support and service.

ARIONEX works with a network of partner companies to be in direct contact with end users.

A water treatment process is always unique and must be adapted to each individual case. That is why we offer complete solutions, from conception to realization.



Northern Europe

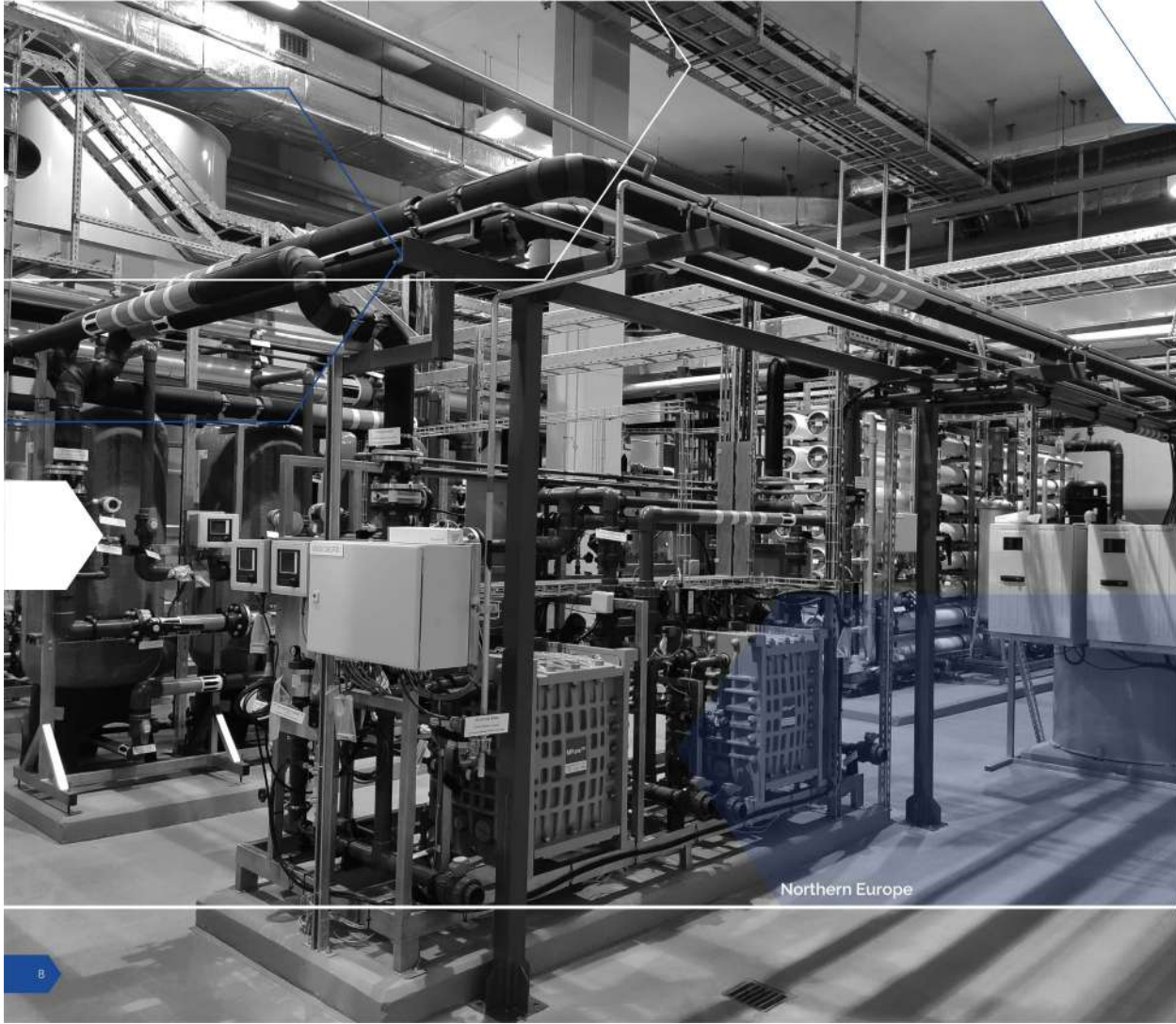
WATER TREATMENT SYSTEMS FOR POWER PLANTS

- Boiler water treatment
- Chemical treatment of cooling systems
- Condensate treatment



Western Europe (Bulgaria, Biggest EDI plant in Europe 2018)

Northern Europe



Northern Europe

WATER SYSTEMS FOR THE SEMICONDUCTOR INDUSTRY

- Water purification
- Waste water treatment



Northern Europe



Asia

FOOD PROCESSING FILTRATION EQUIPMENT

- Juice clarification
- Beer filtration, dealcoholization
- Dairy product separation
- Syrups fractionation equipment



Eastern Europe (Nestle)



Northern Europe

WASTEWATER REUSE SYSTEMS

- Waste water recycling in biogas production
- Waste water recycling in food processing
- Water recovery after treatment at biological treatment plants.



Northern Europe

Eastern Europe



Southeastern Europe
(NanoCaCO₂ plant, Greece)

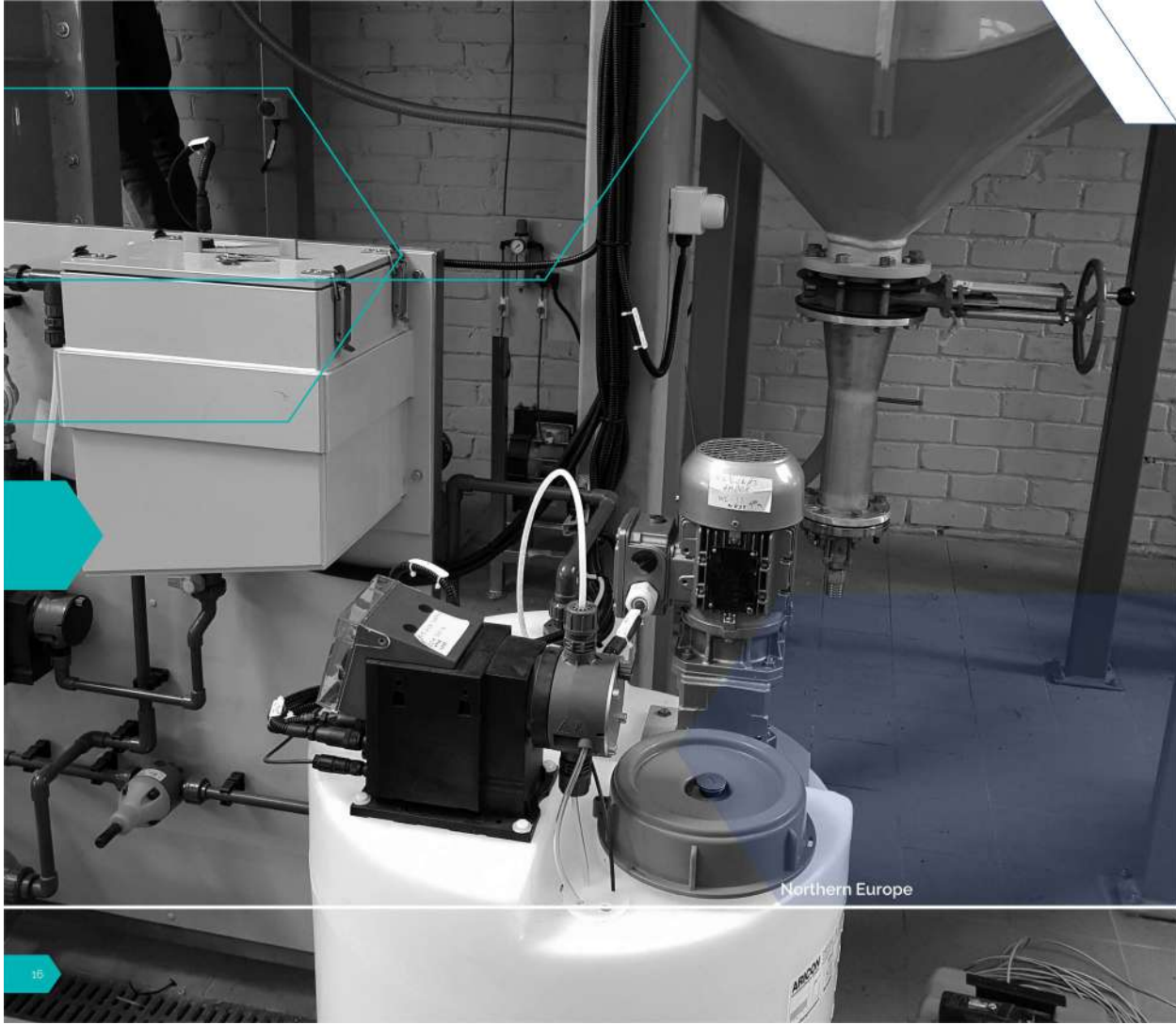
ZERO WASTE TECHNOLOGIES FOR THE FERTILIZER INDUSTRY

- FERTAREX™ recovery technology for condensate contaminated with ammonium nitrate
- FERTARMIX™ technology for the production of demineralized water and liquid compound fertilizer production



Middle East

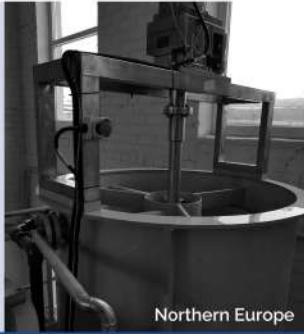
Western Europe



Northern Europe

ZERO LIQUID DISCHARGE SYSTEMS

- Sludge dewatering
- Concentration
- Evaporation



Northern Europe



CONCENTRATION PLANTS FOR RO CONCENTRATE

- Reduction of waste water streams
- Recovery of demineralized water for reuse

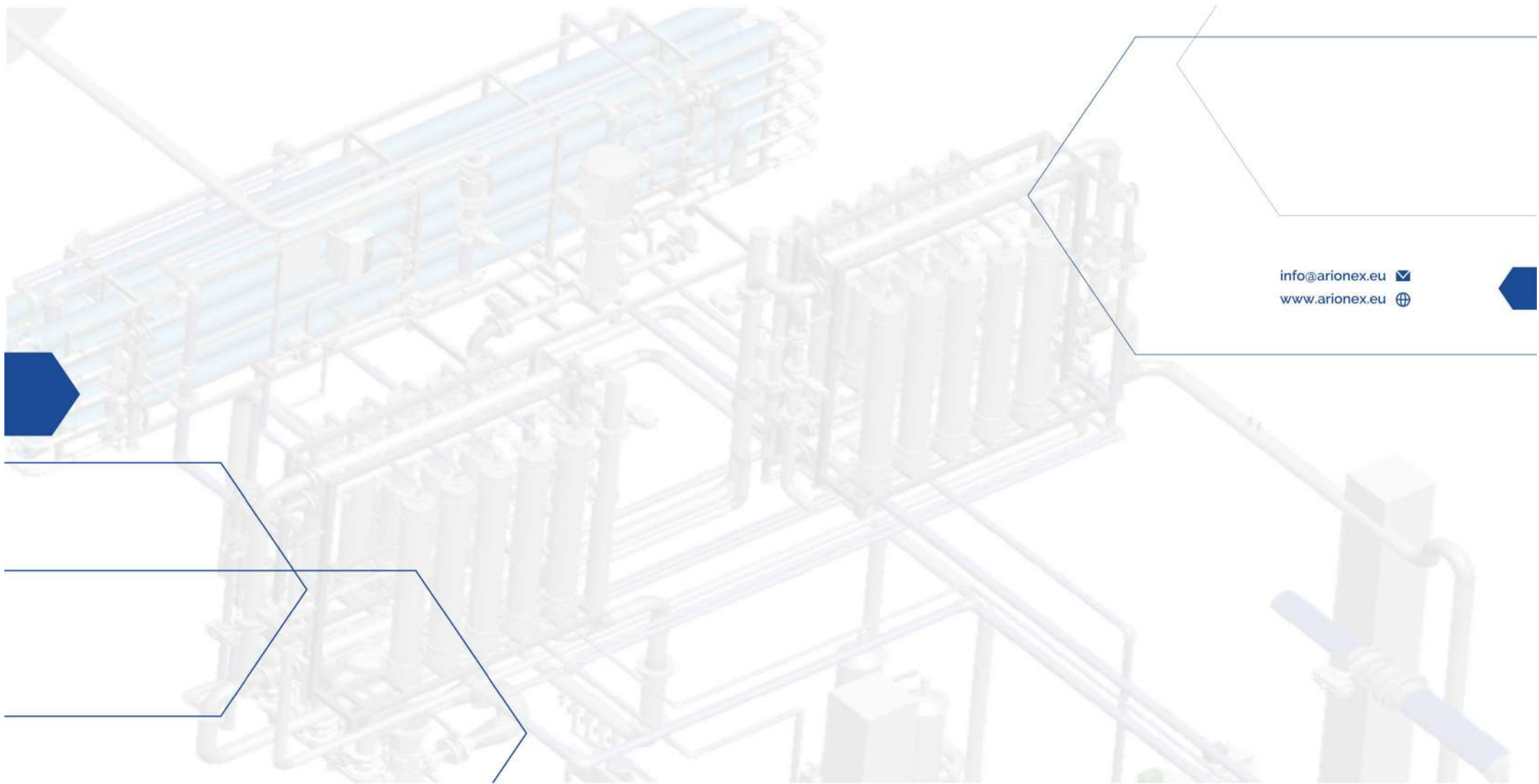




CONDENSATE TREATMENT AT INCINERATION PLANTS

- Condensate treatment system
- Recovery of (steam) boiler feed water





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