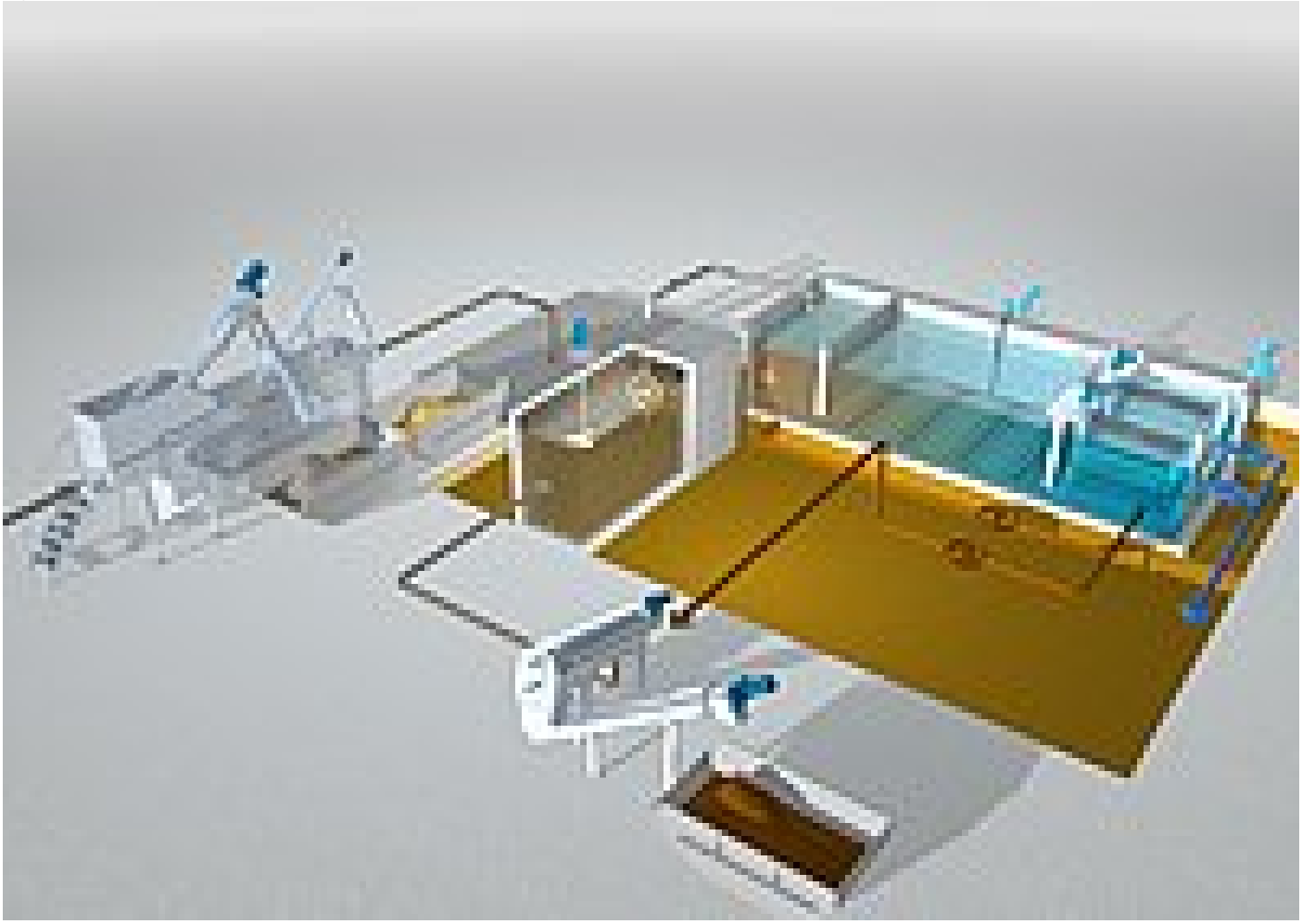
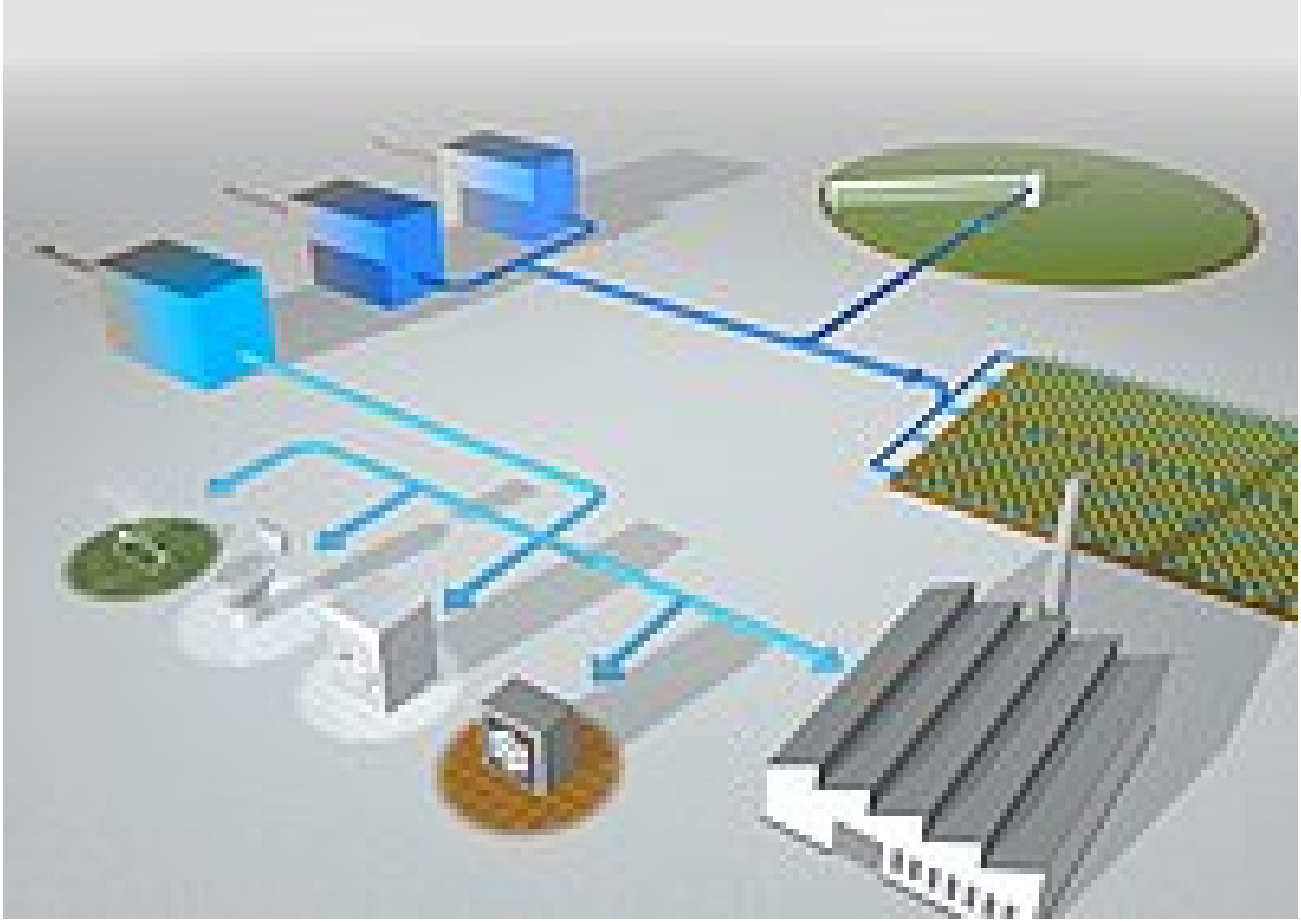
Energy Efficiency by Wastewater Reuse





Reuse of treated wastewater, e.g. for irrigation or as service water, saves water and power for its supply. This is particularly the case where:

- water is in short supply and has to be produced by expensive and power consuming processes; e.g. power consumption of desalination is around 4.0 kWh/m³.
- water is supplied from far away; e.g. power consumption of water supply in Southern California is 2.3 kWh/m³.
- water is produced from surface water with a power consumption of 1 – 2 kWh/m³.

Costly and energy consuming nutrient removal is usually not desired. Nutrients add value to irrigation water.

Wastewater treatment processes depend on the required reuse water quality. In some cases mechanical/chemical treatment (See HUBER MeChem® Solutions) is sufficient while in other cases excellent effluent quality of membrane bio-reactors (MBR) is required.

HUBER ReUse Solutions offer a wide range of options.

HUBER Technology España, S.L.U.
C/ Pollensa, 2 - EDIFICIO ARTEMISA
PL. Baja – Oficina 5
E-28290 LAS ROZAS DE MADRID (Madrid)

Tel: +34 91 630 49 94
Fax: +34 91 630 49 91

E-Mail: info@huber.es
Internet: www.huber.es

Registro Mercantil de Madrid,Tomo 16.432
Libro 0, Folio 93, Sección 8, Hoja M-279488
CIF: B-82916503