



Together with our partners and clients we are creating valuable solutions for water in cities in the field of wastewater, drinking water, industrial water and water management.

Royal HaskoningDHV provides a suite of state of the art, patented and award winning products and technologies that is delivered seamlessly to our clients. Whether solving society's challenges such as water scarcity, access to drinking water, protecting water resources, or reducing our water footprint, our approach focuses on the sustainability of the solutions provided, minimising energy requirements, and maximising recovery of resources.

Royal HaskoningDHV shows leadership in innovation by working together with business partners, knowledge institutions, providers and clients.

royalhaskoningdhv.com

Water products and technologies for clean water and wastewater in cities



Royal HaskoningDHV has developed unique partnering arrangements with academic and research institutions for innovations in the water field. Together with these partners Royal HaskoningDHV continuously conducts research into better, more sustainable and innovative solutions for water related issues. Solutions such as Nereda®, Aquasuite®, Crystalactor and Ephyra®, cover water production and supply, storm and wastewater collection, wastewater treatment and sludge management.

Nereda®

Nereda® is an innovative wastewater treatment technology that uses the unique features of aerobic granular biomass. More cost-effective than traditional water treatment methods, Nereda® plants are up to four times smaller, consume only half the energy and require no chemicals for the treatment process.

Ephyra®

Ephyra® optimises and maximises the capacity for existing and new sludge digestion tanks by introducing a flexible plug flow in a civil construction combined with smart process control. This technology increases the removal of organic material and biogas production on mesophilic temperature. It makes it possible to reduce the hydraulic retention time resulting in smaller tank volume or an increased capacity of the existing tank.

Ephyra® has better pay back times and relative low investment costs compared to competitive systems.

Crystalactor

Crystalactor is a sustainable crystallization technology for the removal and recovery of hardness, heavy metals, phosphates, fluoride or sulphate from drinking, process and wastewater. This proven zero-waste process is characterised by low operation costs and a small footprint. Instead of waste sludge the process produces compact and reusable, dry pellets.

Aquasuite®

Aquasuite® is the ultimate monitoring and control software platform for the water and wastewater sector that combines supply and demand prediction software with smart automation controls. This proven platform, with over a hundred connected water systems around the world, is modular, flexible and has a user-friendly web interface. Aquasuite® interfaces with virtually all Scada, PLC and process databases in the water industry.

Our innovations



Get in touch and meet us

Tom Woolley

Business Development Director, UK
+44 7919 227332
tom.woolley@rhdhv.com