



MODERNWATER

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Modern Water plc
("Modern Water" or "the Group")

Modern Water signs joint commercialisation agreement with Advent Envirocare regarding brine concentration for wastewater treatment in India

Modern Water plc (AIM:MWG), the owner of leading technologies for water, wastewater treatment and the monitoring of water quality, announces that it has signed an agreement with Advent Envirocare Technology Pvt. Ltd. for the joint development and commercialisation of Modern Water's proprietary all membrane brine concentration (AMBC) technology which will be applied to wastewater treatment plants across India.

The need for brine concentration in certain industries has never been greater, with increased focus on waste minimisation, increased water recycling and requirements for zero liquid discharge (ZLD). Traditional brine concentration may use a combination of reverse osmosis, followed by thermal brine concentration and finally thermal brine crystallisation to achieve ZLD requirements. The integration of Modern Water's brine concentration technologies substantially reduces both the capital costs and, in particular, the operating costs necessary.

Following the successful assessment of the economics of the product offering, the parties are jointly funding and deploying a pilot test plant at an operational wastewater treatment site in India and will complete testing by the end of 2016. During the initial pilot phase, the plant will demonstrate to the customer the full economic and process advantages of the technology, specifically, the significant reduction of waste water volume for subsequent brine crystalliser treatment at low operational cost compared to existing processes.

Simon Humphrey, CEO, Modern Water, said: "We are pleased to partner with Advent Envirocare in the important Indian market and we are confident that together we will be able to bring quantifiable benefits to customers by significantly lowering the cost of waste water treatment in achieving ZLD standards. Furthermore, this will allow for a much more economic and practical way to minimise industrial discharges to the environment. This project will clearly demonstrate the benefits of Modern Water's approach and will allow us to promote our brine concentration technology throughout the world."

Soham Mehta, Managing Director, Advent Envirocare Technology Pvt. Ltd., commented: "As partners, Advent Envirocare and Modern Water will use cutting-edge technology to benefit our customers and make a real difference to the economics and efficiencies of the ZLD process. With the recent statutory development of implementing ZLD in water-intensive industries at a time when Advent Envirocare is executing some of the largest ZLD projects in India, the stage is set for this partnership to flourish."

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Notes to Editors:

About Modern Water

Modern Water owns, installs and operates world-leading membrane technology and develops and supplies advanced systems for water monitoring. Its shares trade on the Alternative Investment Market of the London Stock Exchange.

Modern Water has developed and commercialised world-leading patented Forward Osmosis desalination technology which can be used in a variety of industries. Its benefits include lower energy consumption, improved water quality and lower environmental impact. With a sales presence in almost 60 countries, the Group's Monitoring Division includes a leading real-time continuous toxicity monitor and trace metal analysers for monitoring the quality of drinking water.

www.modernwater.com

About Advent Envirocare

Advent Envirocare is a specialised Environmental Engineering, Procurement and Construction Company entirely focussed on industrial effluent treatment, recycling and zero liquid discharge systems, having completed about 150 projects over last two decades. By bringing latest international technologies to its customers, Advent Envirocare has successfully handled some of the toughest applications in treatment of industrial effluents in coke-oven, pharmaceuticals, speciality chemicals, organic dyes, paints, textiles and petrochemicals sectors. With projects as small as 100 m³/d to among the largest in the country, a centralised plant of 100 MLD, the Company has demonstrated versatility and capability in catering to the customer demand.

Encito Advisors, an energy & environment focused strategic & financial advisory firm, advised Advent Envirocare on this transaction.

www.adventenvirocare.com