

**8 November 2017**

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

## **Modern Water announces first sale of brine concentration technology in China**

Modern Water plc (AIM:MWG), the owner of leading technologies for water, wastewater treatment, and water quality monitoring, is pleased to announce that it secured yesterday a first sale of its proprietary All-Membrane Brine Concentration (AMBC) technology in China.

Modern Water will provide the proprietary AMBC technology for a plant to treat flue-gas desulphurisation wastewater produced by a power station in China. The project will be executed in conjunction with Hangzhou Sunup Environmental Science and Technology Co., Ltd ("Sunup"). The innovative AMBC system will be built into an existing facility, with completion and commissioning scheduled for the end of this year (2017).

Simon Humphrey, CEO of Modern Water commented: "We are delighted that our AMBC system is gaining traction in China, which is an important market with increasingly tight environmental requirements. We have worked with Sunup for several years and we are confident that once the plant is up-and-running our technology will demonstrate the substantial improvements we can offer for the flue-gas desulphurisation sector, and also in other industries, thereby allowing us to make further sales to Sunup and target new markets.

Traditional water recycling and Zero Liquid Discharge (ZLD) methods are typically complex, multi-stage and costly, representing a significant cost to businesses globally. Modern Water's advanced technology allows customers to achieve higher brine concentrations than traditional membrane techniques, which significantly reduces the waste water volume required for the subsequent brine crystalliser treatment. We expect AMBC to deliver a step-change in efficiency, significantly reducing operating costs for customers."

Tan Bin, General Manager of Sunup added: "Modern Water's AMBC process has many technical and commercial advantages and we are therefore keen to incorporate the process as a key part of our flue-gas desulphurisation waste water treatment plan, providing our customer with significant benefits in efficiency and cost reduction."

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Notes to editors

Modern Water owns, installs and operates broad based membrane systems using world-leading Forward Osmosis (FO) membrane technologies; supplies packaged seawater Reverse Osmosis (RO) desalination systems; supplies wastewater treatment solutions; and develops and supplies advanced systems for water monitoring. Its shares trade on the Alternative Investment Market of the London Stock Exchange.

Modern Water's patented Forward Osmosis (FO) technology's benefits include lower energy consumption and less environmental impact in a variety of industries. 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](http://www.modernwater.com)

Sunup Environmental Technology Co., Ltd is a high-tech enterprise specialised in membrane separation technology and equipment. As a professional environmental protection enterprise, Sunup is not only developing processes but also providing complete solutions in industrial liquid separation and purification, resource recycling and ZLD (zero liquid discharge) etc. The company also supplies seawater reverse osmosis plants and has a number of seawater desalination projects around the world.

Sunup is located in the Future Science and Technology City, Hangzhou, with a fabrication facility in Changxin, Zhejiang Province, China.

<http://www.hzsunup.com>

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