



Press Release

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Bluewater Bio International

(“BwB” or the “Company”)

Bluewater Bio Secures Cleantech Connect’s ‘One to Watch’ Award
Industry recognition further validates Company’s strong growth and innovation

Bluewater Bio International, the provider of innovative high-performance, cost-effective water and wastewater treatment technologies, is delighted to announce that it has received the accolade of ‘One to Watch’ at this year’s prestigious Annual Cleantech Connect awards, celebrating Europe’s fastest growing Cleantech companies. The awards, organised by investment bank GP Bullhound and attracting over 150 of the industry’s most influential figures, recognises growth, leadership and potential. The judging panel comprises leaders from the cleantech and investment banking fields.

The ‘One to Watch’ category was fiercely contested this year, with 20 nominees vying for the honour. In being awarded the prize, the judges recognized Bluewater Bio’s growth potential and commitment to innovation, backed up by increasing market acceptance and roll-out of their low energy and low footprint portfolio of technologies as the key determining factor.

BwB’s strong growth to date has been both organic and acquisitive. Originally founded to develop its patented ‘HYBrid ACtivated Sludge’ process (HYBACS®), the company has subsequently added Water Innovate, a technology spin-out from the world renowned Cranfield University, and FilterClear Ltd’s portfolio of advanced multimedia filtration technologies, in 2010 and 2011 respectively. In a traditionally conservative market, BwB have made considerable traction within the industry, as seen with Severn Trent, who earlier this year selected HYBACS® to upgrade their Ashbourne sewage treatment works.

Daniel Ishag, Founder & CEO of Bluewater Bio International commented: “This is a tremendous feather in the cap for Bluewater. Firstly, I would like to congratulate the team on all their efforts; this award is truly a testament to all the hard work that goes on behind the scenes. To be regarded so highly amongst such an esteemed judging panel is no mean feat.

“What makes this achievement even more impressive is that water, and especially wastewater, have until recently been seen as the poor relations of the cleantech family. BwB is proud to have helped overturn that misconception, driving innovation across the sector through, for instance, our Cranfield R&D team and our Technology Alliance with Thames Water. Whilst our innovative technologies undoubtedly contributed to BwB’s recognition as ‘one to watch,’ I’m sure that the pilot plants, commercial projects, distribution partners and additional engineering expertise that we have gained over the last year were also major factors.”

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For further information or to arrange a briefing, please contact:

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About Bluewater Bio

Bluewater Bio is an established specialist in the cost effective treatment of water and wastewater, founded in 2007 to develop a patented ‘HYBrid ACtivated Sludge’ process (HYBACS®), powered by the company’s Shaft Mounted Advanced ReacTor (SMART™) units.

Following the acquisitions of Water Innovate Ltd (from Cranfield University) and FilterClear Ltd, BwB’s Blu core capabilities now include:

- HYBACS®
- SMART™
- FilterClear™ (high throughput multi-media filtration)
- GHG-Tox (nitrification & greenhouse gas monitoring)

The company has a particular emphasis on reducing:

- CAPEX & OPEX
- Energy & chemical consumption
- Physical & environmental footprint
- GreenHouse Gas emissions – operational and embedded

Combining R&D expertise with a highly entrepreneurial business approach, BwB not only develops its own innovations but also scours adjacent markets for complementary IP, licence opportunities and partnerships. Through this aggregation strategy, BwB aims to be the natural choice for cost effective treatment, re-use and monitoring provision across the water, wastewater and process industries.

HYBACS® is rapidly gaining commercial traction among a growing number of companies in Europe, North America, South Africa, Asia and the Middle East, on the basis of its commercial superiority to comparable high performance treatment processes worldwide, across a wide range of treatment requirements. HYBACS® is an innovative nutrient removal wastewater

treatment process that was developed from a process originating in South Korea. It is applicable to new as well as existing works, over a wide range of scales, and has been proven commercially in over 25 applications with recent contracts including: the 100,000m³/day upgrade of the largest wastewater treatment works in Bahrain; and Severn Trent Water's Ashbourne sewage treatment works in the UK, serving a population equivalent of 35,000.

HYBACS® is not only highly applicable to the municipal treatment sector but also to a wide range of high strength organic industrial wastewaters from food or beverage production, to leachate and livestock waste treatment. BwB aims to present customers with solutions which provide benefits in capital and lifetime cost, treatment performance, ease and speed of plant deployment, whilst being easily combined with tertiary filtration for high quality water reuse applications.

FilterClear™ is a pressure multimedia filter technology capable of separating suspended solids from a wide range of waters with a comparatively high performance, even at high loading velocities. FilterClear™ plants are currently installed at over 40 sites, treating waters such as secondary effluent at wastewater treatment plants, cooling waters at industrial sites and seawater at desalination plants. Throughput ranges from 10m³/hour up to 5,000 m³/hour.

FilterClear technology competes cost effectively with other multimedia filters, continuous filters, deep bed filters, disc filters and micro screens. It has a strong track record in conventional filtration applications and can replace ultrafiltration membranes upstream of RO membranes.

Current clients include Scottish Water, Northumbrian Water, Diageo, Saudi Aramco, Michelin, Museum of London and several resellers