

PRESS RELEASE

Aqua Metrology Systems and BIOBOX Water S.L. Partner to Deliver a Transformative Nitrate Removal Solution

SUNNYVALE, CA. - 9 May 2023

Aqua Metrology Systems (AMS) and BIOBOX Water S.L. (BIOBOX) today announce their partnership which brings to the U.S. BIOBOX's [containerized biological treatment system](#) for nitrate removal from groundwater and wastewater. The partnership will offer a fully automated, turnkey "intelligent nitrate treatment system" by integrating AMS' online Instran™ nitrate analyzer that provides continuous, real-time control of the system performance.

By contrast to the costly, traditional RO treatment systems that are energy-intensive and produce a toxic waste stream, BIOBOX™ is energy efficient, produces no toxic waste and has a far lower lifetime cost, making it attractive to cost and environmentally conscious municipal clients. The BIOBOX™ system can be deployed rapidly at the thousands of sites in the U.S. where nitrates put at risk human health and the environment.

According to AMS CEO Rick Bacon, "Our partnership with BIOBOX is based on our shared commitment to improving access to safe drinking water and reducing the water treatment industry's impact on the environment through innovative and cost-effective solutions backed by exceptional client service and support. BIOBOX™ is a perfect fit for our North American growth strategy, and the technology complements our expanding presence in water treatment."

As a fully automated biological denitrification solution, which is certified by SGS and NSF for the treatment of drinking water, urban or industrial wastewater, and reuse, BIOBOX™ has been successfully installed in several applications in Spain and Chile.

BIOBOX CEO Joaquín Murría Martín, added, "The BIOBOX™ technology is highly effective because it transforms nitrates into innocuous nitrogen gas in the same way that nature does, while ensuring nitrate removal efficiency above 95% with no toxic waste products. We are excited to partner with AMS and deliver a transformative, intelligent and reliable nitrate treatment solution."

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About AMS

[Aqua Metrology Systems Ltd.](#) (AMS) believes real-time water quality analysis and remediation are essential to environmental protection. AMS is transforming the way we treat water through a portfolio of innovative technologies across municipal and industrial sectors with THMs and trace metal contaminants of concern. The AMS Analytics division encompasses its online analytical instrumentation, which provides high-frequency, predictive, accurate and reliable water quality data that are essential to ensuring treatment systems operate efficiently while meeting regulatory and performance standards. AMS Environment pioneers the SafeGuard H2O™, a disruptive solution that affordably and sustainably removes trace metals by generating a treatment reagent on-site and integrating real-time sensing. Advanced solutions for corrosion control in water transport systems are also available.

About BIOBOX Water S.L.

[BIOBOX Water S.L.](#) (BIOBOX) is a Spanish company that, with its own innovative technology, designs, manufactures and implements prefabricated and 100% automated compact plants for the treatment of drinking water, wastewater or reuse. The solutions are custom-designed especially for small and medium flows.

BIOBOX's philosophy is based on making available to all types of companies advanced technology whose alternatives are only available to large plants and investors. Its specialty is to provide customers with the treatment they need with a customized solution, designed in the smallest possible space and without the need for continuous operating personnel in the plant.

There are many suppliers of containerized solutions that are mere assemblers of traditional technology. However, BIOBOX manages to make available to all types of companies an advanced and sustainable proprietary technology, much more efficient than the traditional technologies offered on the market.

Innovative compact plants are manufactured with the aim of overcoming the limitations of these traditional technologies; high process and maintenance costs or the elimination of concentrated pollutant rejects, which are difficult to manage.

BIOBOX is a unique company, able to cover the entire process without relying on third parties.

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