


Aqualia Showcases Water Innovation and Strengthens Strategic Partnerships at IWA Leading Edge Conference 2026 in Houston

Aqualia participated in the 20th IWA Leading Edge Conference on Water and Wastewater Technologies, reinforcing its position as global leader in water solutions

HOUSTON, TX, UNITED STATES, June 5, 2026 /EINPresswire.com/ -- Aqualia participated in the 20th IWA Leading Edge Conference on Water and Wastewater Technologies (LET 2026), held June 1–5 at Rice University in Houston, reinforcing its position as a global leader in innovative and sustainable water solutions.

Organized by the International Water Association (IWA), the conference brought together leading researchers, utilities, technology providers, academic institutions, and industry experts to address the most pressing challenges in the water sector, including water resilience, resource recovery, energy efficiency, and climate adaptation.

Throughout the event, Aqualia showcased a portfolio of advanced technologies and sustainable solutions designed to support the transition toward more resilient, efficient, and environmentally responsible water infrastructure.



MUCH MORE
than what meets the eye

We are a global operator present in 19 countries and our more than 14,000 professionals work every day with a clear purpose: to guarantee efficient water management that builds climate resilience and ensures people's well-being. We care for every drop: we capture it, treat it, purify it and return it to nature, protecting ecosystems and supporting the communities so that water is a vital and sustainable resource for today and for the future.

Committed to the efficient management of the integral water cycle. A commitment to you.

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First company in the sector named by ERM as the contribution to the SDG.



Anphora: Sustainable Wastewater Treatment for Small and Medium-Sized Communities

Aqualia presented Anphora, its patented wastewater treatment technology designed for communities of up to 20,000 inhabitants.

Powered entirely by solar energy, Anphora offers a low-cost, sustainable wastewater treatment solution that helps communities improve sanitation services while reducing operational costs and environmental impact.

Conference attendees learned about the technology's successful implementation in Spain, where operational projects have demonstrated its scalability, efficiency, and suitability for decentralized wastewater treatment applications.

Camellia: Turning Waste into Valuable Resources

Aqualia also highlighted Camellia, a technology developed to maximize sludge valorization by producing renewable biogas and high-quality biosolids for agricultural use.

By transforming wastewater treatment by-products into valuable resources, Camellia supports circular economy principles while helping utilities reduce emissions, generate renewable energy, and improve overall operational sustainability.

The company shared results from facilities currently operating in Europe, demonstrating the technology's effectiveness and environmental benefits.

Advanced Solutions for PFAS and Emerging Contaminant Removal

As part of its commitment to protecting public health and improving drinking water quality, Aqualia announced its collaboration with NX Filtration on advanced treatment solutions to remove emerging contaminants, including PFAS, often referred to as "forever chemicals."

These innovative filtration technologies are designed to help utilities enhance water quality, address evolving regulatory requirements, and safeguard drinking water supplies for communities.

Nature-Based Solutions for Managed Aquifer Recharge

Aqualia also shared its experience in Managed Aquifer Recharge (MAR) using treated wastewater through nature-based solutions.

The company presented a project in Spain with more than three years of successful operation, where reclaimed water is used to replenish aquifers and improve groundwater quality.

Managed Aquifer Recharge is one of the most sustainable approaches to storing reclaimed water, strengthening water security, restoring groundwater resources, and enhancing climate resilience, without requiring energy-intensive processes or chemical use.

Advancing Energy-Neutral Water Infrastructure

During the conference, Aqualia participated in technical discussions focused on "Advanced Solids

and Wastewater Management for Energy-Neutral Treatment Plants,” exchanging knowledge and best practices with utilities, researchers, and industry leaders from around the world.

These conversations highlighted the growing importance of developing wastewater treatment facilities capable of reducing energy consumption and advancing toward energy neutrality.

Strengthening Collaboration Through Innovation

As part of its participation at LET 2026, Aqualia also met with representatives from Rice University to explore new opportunities for collaboration among Rice University, MDS, and Aqualia.

Participants included Pedro Alvarez, Director of the Rice Water Institute; Menachem Elimelech, Professor of Environmental and Water Chemistry; and Martina del Cerro, Director of Engineering Innovation and Industrial Alliances.

The discussions focused on fostering research, innovation, and technology transfer initiatives that can accelerate the development of advanced solutions to address global water challenges.

Commitment to a Sustainable Water Future

Aqualia’s participation at IWA LET 2026 reflects the company’s continued commitment to innovation, sustainability, and international collaboration as key drivers for addressing the world’s evolving water needs.

Through the development and implementation of cutting-edge technologies, strategic partnerships, and knowledge-sharing initiatives, Aqualia continues to deliver solutions that enhance water resilience, support circular-economy goals, and create long-term value for communities and the environment.

About Aqualia

Aqualia is one of the world’s leading water management companies, specializing in integrated water-cycle management. Operating across multiple countries, the company develops innovative and sustainable solutions that promote efficient water resource management and support resilient communities.

About [MDS Aqualia](#)

MDS is Aqualia’s growth platform in the United States, focused on delivering innovative water solutions to municipalities, utilities, and communities. Through strategic partnerships and technology transfer, MDS helps bring sustainable and efficient water management solutions to the U.S. market.

Media Contacts

Andrea Gomez 832-858-5850

Erika Abboud 832-216-0122

marketing.usa@aqualia.com

Andrea Gomez

Andrea Gomez Communication LLC

+1 832-858-5850

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