

GS Inima and Captoplastic seal a strategic alliance to advance microplastics capture and measurement in the water cycle.

- The collaboration reinforces both companies' commitment to environmental protection and the development of innovative solutions to meet the regulatory challenges associated with these pollutants.



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This strategic alliance responds to a landscape of maximum environmental demand, marked by the recent update of the **European Urban Wastewater Treatment Directive**. This new regulatory framework establishes strict requirements for the control of emerging pollutants, a challenge that GS Inima is proactively addressing. By joining forces, both companies will combine their expertise and technological capabilities to develop and implement innovative solutions that improve the detection and removal of microplastics throughout the various stages of water treatment.

"At GS Inima, our priority is to transform water management through disruptive technology that effectively responds to climate challenges," explains Belén Gutiérrez, R&D Director at GS Inima. *"This agreement allows us to stay ahead of the regulatory changes in the new European wastewater directive and work toward ensuring our plants operate under the highest standards of environmental protection".*

Captoplastic, a benchmark in water technology for the control and capture of microplastics, provides a disruptive solution that goes beyond conventional filtration. Its patented technology utilizes a **reusable magnetic captor** that adheres to plastic particles to separate them from the water flow, achieving a pollutant removal efficiency of over **80%**. This system ensures a **circular economy and zero-waste** model, allowing the captor to return to the cycle while the microplastics are recovered for value. Additionally, it features control technology that enables the precise quantification of this pollutant in complex waters and even in sludge, using equipment such as Captolab.

"This alliance with GS Inima represents a significant milestone in scaling our technology globally," says Ismael Olmedo, CEO at Captoplastic. "Combining our selective microplastics capture capability with GS Inima's international expertise and presence, we can provide a real, circular, and efficient solution to protect water resources anywhere in the world".

The collaboration combines GS Inima's engineering expertise with this selective separation capability, ensuring superior water quality and a direct positive impact on aquatic ecosystems. For both organizations, this agreement reinforces a shared vision where innovation is the sole path toward sustainable water management. GS Inima reaffirms its commitment to ensuring that its projects, regardless of location, meet the highest standards of operational excellence and environmental stewardship.

About GS Inima Group

GS Inima, Group belonging to the Korean multinational GS E&C (<http://www.gsenc.com/en/>), is specialized in Environmental activities, associated with the integral water cycle and renewable energy. The GS Inima Group is active in all phases of the projects in which it participates: Design, Engineering, Procurement, Construction, Financing, Operation and Maintenance, and is active in both the public and private markets. With a presence in 12 countries and in four of the five continents, its project portfolio reached 10,440 million euros in 2024, with a turnover of 389 million euros and an EBITDA of more than 106 million euros. For more information: www.inima.com

About Captoplastic

Captoplastic is a Spanish technology company specializing in the development of solutions for the detection, quantification, and capture of microplastics in water. The company offers a comprehensive approach ranging from monitoring technology for measurement in various water matrices to the implementation of industrial-scale removal solutions through its proprietary capture technology. This contributes to improving water quality while helping partners stay ahead of future regulatory requirements. For more information, visit: www.captoplastic.com

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