

Geoteck-Tierre

SUSTAINABILITY



REPORT

2025

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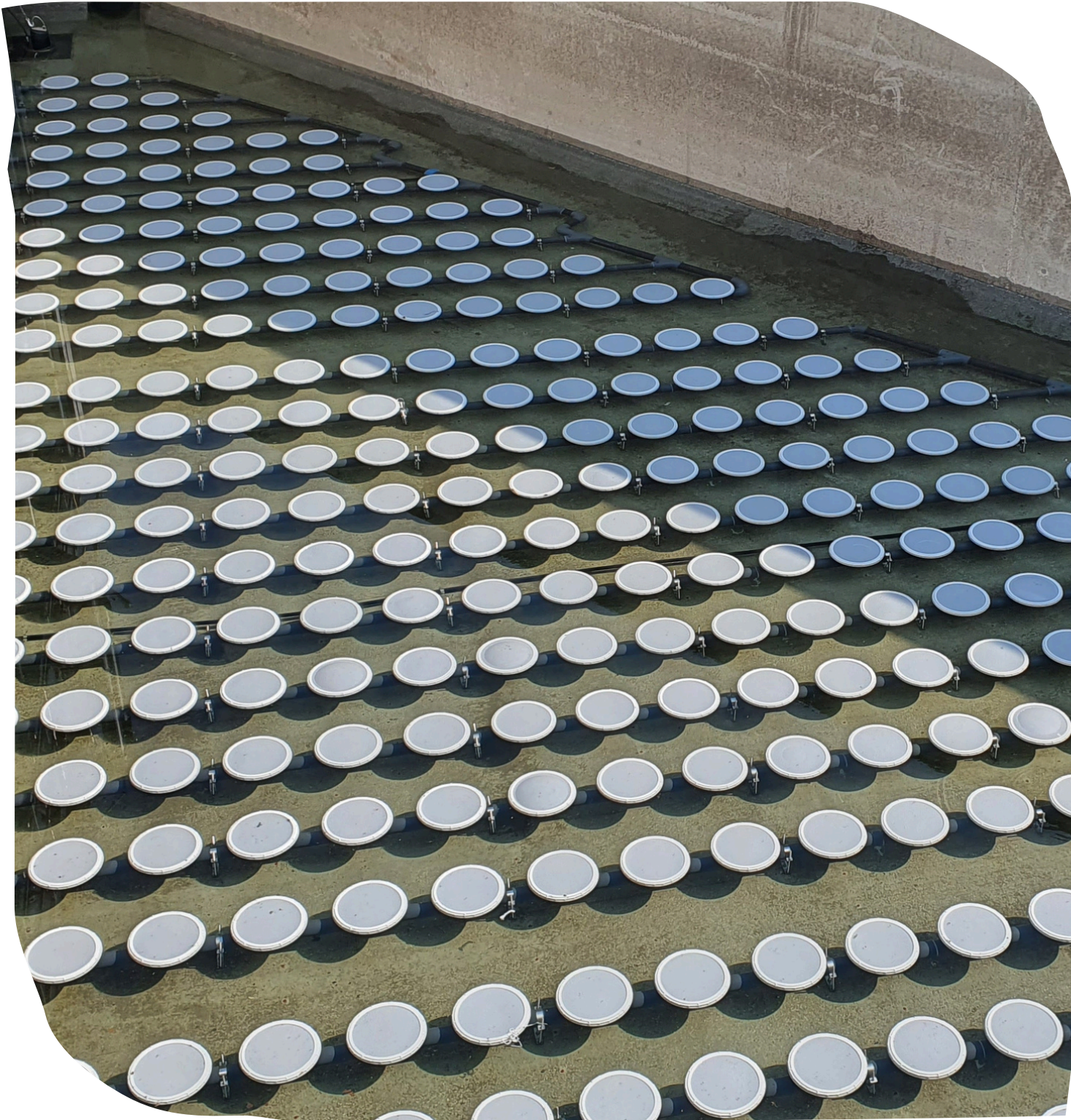
Via Prato Pieve 54 - Casazza (BG) - Italy

ABOUT US & OUR VISION

Geoteck-Tierre develops aeration solutions for wastewater treatment processes, helping to improve plant efficiency and the quality of treatment processes.

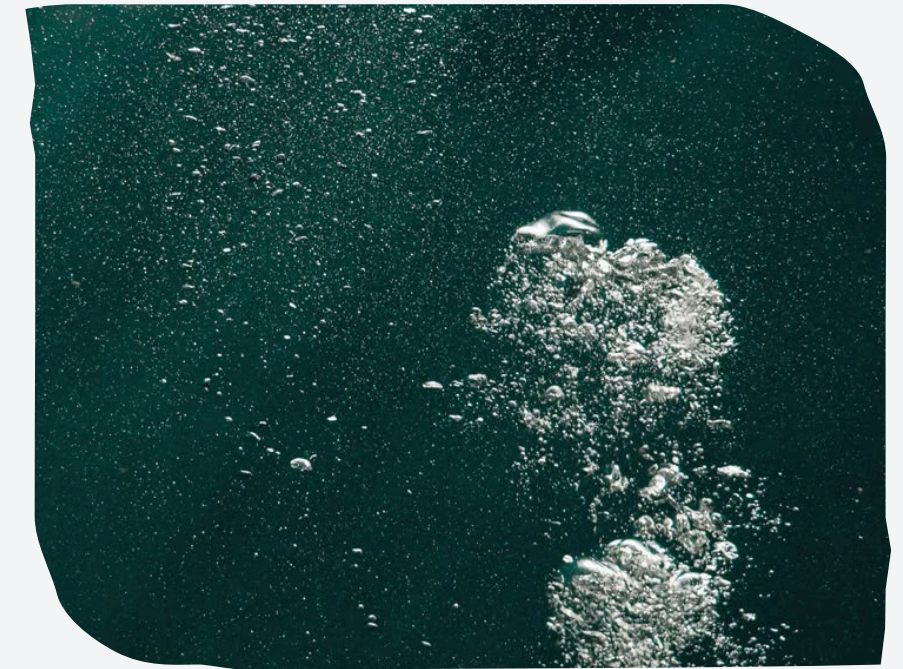
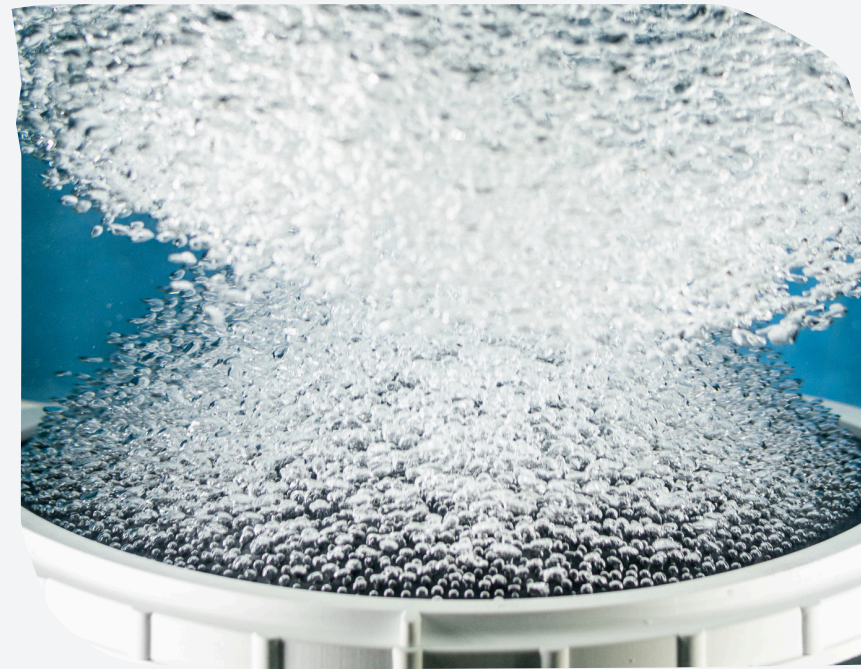
Our vision is to improve plant performance while reducing environmental impact.

We believe that innovation and sustainability can coexist: that is why we design products that optimize performance while ensuring greater efficiency and responsible use of resources.



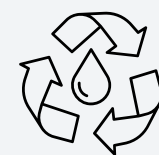
ENVIRONMENTAL IMPACT OF THE PRODUCT

Our contribution to the environment



Improved oxygenation in biological processes

Our diffusers improve oxygenation within the systems, promoting more effective and stable biological processes in wastewater treatment.



Greater efficiency in wastewater treatment

The goal is to treat wastewater into sludge and clean water, making it suitable for safe discharge into the environment.



Optimization of plant energy consumption

More efficient ventilation allows for optimized air usage and, as a result, reduces the energy consumption of the systems.



Support for reducing the overall environmental impact

The increase in overall efficiency helps make wastewater treatment processes more sustainable, with tangible benefits for the environment.



Thanks to its optimized design, one of our diffuser models reduces energy consumption by up to 30%, improving the system's overall efficiency.

PRODUCTION AND SUPPLY CHAIN

A supply chain committed to the local community



Local suppliers

The raw materials used come from local farms, promoting a zero-mile supply chain and reducing transportation-related emissions.

Collaboration with the local community

Choosing local partners allows us to maintain a direct relationship and make the most of the expertise available in the area.

Recyclable materials

The materials used in production are also selected with recyclability in mind, contributing to more responsible end-of-life management of the product.



SUSTAINABILITY AND WASTE REDUCTION

Designed to last

Long service life

Our diffusers are designed to ensure exceptional durability, reducing the need for frequent replacements compared to industry standards.

Targeted maintenance

In some systems, it is possible to replace only the membrane, thereby avoiding the need to replace the entire diffuser and reducing waste.

Waste reduction

This approach significantly reduces the amount of waste generated, contributing to a more sustainable product lifecycle management.



FUTURE COMMITMENT

An evolving journey

01. Continuous improvement

The company is committed to the ongoing development of increasingly efficient and high-performance solutions.

02. Pay attention to the materials

We are constantly exploring new ways to make our materials and production processes even more sustainable.

03. Greater measurement

One of our future goals is to monitor the environmental impact of our activities and products with increasing precision.