



# Introduction to MBS Technology

Natural microbiological treatment – effective, sustainable & safe

Microbe Biosolutions' technology is based on biological principles and bioaugmentation and is used today across a wide range of sectors and environments – from wastewater and aquatic systems to agriculture and aquaculture.

The solution enhances biological processes and reduces the need for chemicals and maintenance.

## How the technology works



### Addition of bacterial culture

The bacteria are added as needed and adapted to the specific environment and task.



### Breakdown of organic material

Fat, feed, ammonia, and  $H_2S$  are broken down into harmless byproducts like water,  $CO_2$ , and nitrogen – without the use of chemicals.



### Suppression of unwanted microorganisms

- Reduces odor, corrosion, and operational costs
- 100% natural – free from chemicals and GMOs
- Ensures stable operation and improves the working environment



### Suppression of harmful microbiology

The beneficial bacteria outcompete harmful microorganisms and inhibit the growth of hydrogen sulfide-producing and pathogenic bacteria.