

CASE STUDY

University of Sheffield



The issue

Staying at the cutting-edge of technology.

Suprafil provides aeration solutions for both industrial and municipal waste water schemes – but needs to ensure it stays at the cutting-edge of technology.



The
University
Of
Sheffield.



The Solution

Investigating the use of fine bubble aeration

Innovative aeration specialists Suprafil have a long-established relationship with the University of Sheffield to investigate the use of fine bubble as a faster, more efficient way of producing Bio Ethanol.



Suprafil is like a gazelle. They are able to think on their feet and easily adapt and change direction as necessary. They are technical, practical problem solvers.



Professor Will Zimmerman
from the University of Sheffield

The result

£2.2million research project

The £2.2million research project was in collaboration with three of the largest ethanol producers in Europe and Suprafil were responsible for the installation and fabrication of micro bubble technology test sites with tanks measuring 2m deep.



Summary

Forging resources, ideas and expertise has enabled these collaborators to look at a more sustainable and efficient aeration solution to produce Bio Ethanol.