



# I am an Environmental Biotechnologist....



Francis Hassard,  
Cranfield University

I am an Environmental Biotechnologist blending microbiology, water treatment and engineering. This interdisciplinary approach allows me to connect diverse fields and apply them to real-world issues. For example, I am working on plastic degrading bacteria and on new engineering approaches for sustainable water treatment.

I believe in the transformative power of science and technology to solve pressing environmental issues. My research interests focus on utilizing the latest technologies for net zero training, digital twinning, and immersive technologies in biotechnology research.



Muhammad Zahid, Teesside University



Nathan Wright, QMUL

I am an Environmental Biotechnologist working on biophotocatalytic applications for carbon-negative solar energy production. Cyanobacteria extract CO<sub>2</sub> from the atmosphere and also generate high energy electrons from light, which can be utilised to power small electronic devices.