

**ULEEDS**  
The University of Leeds  
Leeds, UK



**UNIVERSITY OF LEEDS**



## ABOUT

The University of Leeds is among the top universities for research in the UK, and attracts more industrial funding than any other in the UK. A recent impact report identified research funding at the University of £588 million; this places Leeds as the 8th largest university in the UK by income. An emphasis on innovative research and investment in high-quality facilities means that 35 schools are rated internationally or nationally "excellent". The School Chemical and Process Engineering is globally renowned for its teaching and research with an established reputation across the entire spectrum of chemical, energy, petroleum, nuclear engineering and aviation technology. The School has just over 1,000 students from over 70 countries, which makes it one of the largest integrated engineering schools in Europe and it was rated 4th in the UK in the 2016 Guardian University rankings. Our interdisciplinary research is operated through a flexible system of research groups including waste management and resource recovery, low carbon energy, clean combustion, industrial biotechnology functional materials, products and devices, applied photon science and complex systems and processes.

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The waste management and resource recovery group has broad research interests spanning conventional waste management, advanced treatment technologies for the management of specialist industrial and agricultural wastes and the treatment and processing of nuclear wastes.

More information: <https://engineering.leeds.ac.uk/info/201512/our-research/191/waste-management-and-resource-recovery>

## EXPERTISE

The group has expertise in thermochemical and biological processing, separation and extraction, system integration and computational modelling. Research includes recovery of high value materials, waste to energy, nuclear waste management and bio-refining.

The group's activities are underpinned by state of the art analytical facilities and capability in developing, building and operating novel reactor facilities. The expertise of over 20 academic members allows a fundamental approach in science and engineering to deliver applied solutions to the field of waste management and resource recovery and the integration of these in industrial eco systems.

More information: <https://engineering.leeds.ac.uk/info/201355/research-and-innovation>

## FACILITIES & SERVICES

Facilities include a state of the art waste processing laboratory and analytical facilities including electron optics, chromatography, spectroscopy, thermal analysis, on-line emission monitoring equipment, particle analysis and characterisation and X-ray analysis.

On the processing side we have thermochemical and biological processing facilities such as high temperature and pressure reactor facilities, combustion facilities and fermentation reactors.

More information: <https://engineering.leeds.ac.uk/info/201503/research-facilities>



## MORE INFORMATION

Website: <https://engineering.leeds.ac.uk/info/20135/school-of-chemical-and-process-engineering>

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