

Case Study



Strathclyde

Envirobins Improve Recycling Rates at The University of Strathclyde

The University of Strathclyde is a city centre campus in Glasgow with a population of 20k+ students and 3k+ staff. The University produces in excess of 1000 tonnes of waste annually and is focusing on tackling contamination rates in order to improve the quality of recyclates as well as to reduce waste collection costs.

In order to address the contamination problem, the existing recycling infrastructure was upgraded by introducing waste 'segregation at source' into six waste streams: Glass, food waste, cans, plastic bottles, paper and general waste.



The scheme involved procuring new internal recycling bins to correspond with the individual segregated waste streams.

"Internal recycling Envirobins provided by Leaffield Environmental ticked all the boxes in terms of simple and poka-yoke centered design as well as easy and quick servicing,"

said Špela Rapoša, the University Environment Resources Manager. She was particularly pleased with the poka-yoke design element whereby the bin aperture provides an additional hint to the user (hole for bottles and cans, slit for paper).

The University was aware of the range of Leaffield's products from previous experience and felt the design and quality would enhance the corporate image, especially in higher priority areas as well as refurbishments and new builds.

By selecting larger sized bins, the requirement for emptying became less frequent, saving man hours and associated costs.

"We are also starting to see lower contamination levels where the new bins have been deployed, which in turn will result in lower waste collection costs," concluded Špela. "We are also updating our external recycling bins to not only reflect these changes but to provide an innovative solution for a combination of recycling as well as cigarette litter."

