

**Liverpool Living Lab
Project Brief**

Project Name	Waste disposal on campus
Project theme(s)	Waste disposal
Associated sustainability target	50% reduction in waste sent for incineration by 2025.

Project overview (challenge, inputs, desired outputs)

Context

With the introduction of Simpler Recycling legislation at the end of March 2025, the internal bin infrastructure on campus is currently being adapted to align with new requirements. This will provide dedicated receptacles for dry mixed recycling, general waste and food waste across our campus, alongside clear signage.

It is expected that staff and students' use of the new infrastructure won't be perfect initially, especially immediately following the changes made. There is potential for recyclable materials to be disposed of in general waste, 'wish-cycling' of non-recyclables ending up in the dry mixed recycling bins, and food-waste bins being contaminated with non-food materials.

To meet the University's target of a 50% reduction in domestic waste sent for incineration (with energy recovery) by 2025, more material needs to be recycled and anaerobically digested.

Challenge

High quantities of waste are wrongly disposed of via general waste bins on campus. Lots of this waste should be disposed of via recycling and our food waste stream.

Available Data

Monthly SUEZ waste data for domestic waste and recycling

Outputs

- Determine the % of recyclable or anaerobically digestible materials ending up in general waste bins and vice versa. This may include observation, waste audits etc.
- Understand staff and students' perspectives and behaviours around waste segregation in internal bins on campus.
- Develop nudges to help improve adherence to waste segregation infrastructure and requirements (this might include signage, QR codes, different shaped lids, engagement activities etc.).
- Assess the impact that any nudges have on waste segregation in practice, either conducting further waste audits and/or assessing SUEZ waste data.

