

Non-Recycling

Transporting via water. Powering London

Your non-recyclables

We understand that, unfortunately, not everything can be recycled. Some materials we use throughout our day to day endeavours will inevitably fall into non-recycling bins to be overlooked when it comes to segregation. However, our dedicated team of client managers and Green Gurus will work with your organisation to create solutions, ensuring all waste ends up in the correct bin and recycling rates improve. For the remaining non-recyclables, our solution avoids landfills, transporting your waste down the Thames to be used to create energy, keeping trucks off the road and emissions low.

Striving together through innovation

To further this and honour our 'zero waste to landfill' mantra, we send your non-recyclables to a partnering state-of-the-art energy from waste facility. Bywaters send an accumulated 62,000 tonnes of London's waste to be turned into electricity at the facility, powering an impressive 13,000 Households from the c.44,000 MWh energy generated from the waste. To minimise carbon emissions, your waste will travel via the waterways, resulting in a subsequent 8,000 vehicle journeys being saved by using barges and tugs on the Thames. These emissions saved are accompanied by the 12,000 tonnes of carbon emissions we prevent by not sending any waste to landfill each year.

Maximising your statistics

To utilise your space better, we offer the implementation of bespoke equipment tailored to your refuse area. The equipment needed is selected by our in-house engineering team who blueprint the most efficient layout for your site. To better tackle your non-recyclables, Bywaters are introducing a 'dirty' MRF line, which will be able to take in contaminated dry recycling, providing all food waste has been removed. This will allow us to take in material that would usually go for incineration and convert it into recycling, improving your recycling rates and lowering your carbon footprint.

A service you can rely on

The service we provide offers reliable transport experts that compose our state of the art Euro 6 dustcart fleet. The vehicles in operation are the latest in a series of numbered emissions targets, designed to bring down carbon emissions and place Bywaters well ahead of upcoming legislation, particularly London's Ultra-Low Emission Zone (ULEZ), in force from April 2019. In conjunction to this, we offer, in-house training and auditing via our Green Gurus. The Gurus use targeted auditing - dubbed 'the green guru approach' - that provides a comprehensive methodology to highlighting key areas of recycling weaknesses, and practical methods to improve onsite environmental efficiency.

Non-recycling process



Non-recyclable waste includes materials such as food contaminated packaging, crisp packets, sweet wrappers, and expanded polystyrene



This waste material goes into the appropriate internal container



The collected material from the internal bin is decanted into the external container - this simple step helps us reduce the frequency of our collections, saving you money and reducing carbon emissions



This is then sent via barge to Energy-from-Waste facility achieving zero waste to landfill



The non-recycled waste is picked up from your site and transported to a local wharf along the Thames