

Resourcing the world

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Southwark Integrated Waste Management Facility
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Southwark Integrated Waste Management Facility

The Southwark IWMMF will save **15,000** tonnes of CO₂ equivalents per year compared to disposing of all waste in landfill

Southwark Integrated Waste Management Facility

Improving recycling rates and reducing environmental impact

This state-of-the-art facility is able to process all of Southwark's household waste and recyclables helping to significantly improve recycling rates and reduce the impact that the borough's waste has on the environment.

This facility represents a key piece of waste infrastructure that sets the standard for the way waste is managed in the capital. It also enables us to divert the majority of Southwark's waste away from landfill.

The facility comprises of five major areas:

- The Materials Recovery Facility sorts recyclables collected from households.
- The Mechanical Biological Treatment facility turns black bag waste into a fuel for energy recovery.
- The Reuse and Recycling Centre supports waste prevention through a variety of reuse schemes.
- The Transfer Station provides a collection point for any materials that cannot be treated on site.
- Our first class Recycling Discovery Centre offers educational opportunities designed especially for primary school children.





The Reuse and Recycling Centre (RRC)

This facility enables Southwark residents to dispose of household and garden waste items not suitable for household collections and where possible these will be recycled.

The RRC also supports a number of schemes aimed at reuse and waste prevention:

- The British Heart Foundation collects unwanted furniture which is brought to the RRC in good condition and resells it to raise funds for the charity as well as providing safe low cost furniture for residents.
- Our Community RePaint scheme enables residents to drop off their unwanted paint which is then made available for others to collect and use for free.



Supporting the British Heart Foundation

- Compost bins and wormeries are sold at a subsidised rate for all Southwark residents to support home composting in the borough.
- Tools and mobile phones deposited at the RRC can be repurposed and reused to support local charities.

Transfer Station

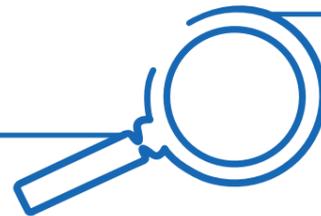
The transfer station acts as a collection point for materials that are unsuitable for further processing at the facility. Some examples of materials passing through the transfer station are garden waste and a small amount of rubble from the Reuse and Recycling Centre. These materials are securely stored for a limited time before being transferred to other facilities.



“We promote **reuse** rather than disposal of items to provide a benefit for local people as well as the environment.”



Educating future generations



Recycling Discovery Centre

The Recycling Discovery Centre is designed to help local primary school children learn more about recycling and waste management issues. The discovery centre is fully interactive and takes children through the ideas behind recycling, explaining why we do it and the benefit it brings for the environment.

The Recycling Discovery Centre takes the children on the amazing journey of everyday items from their natural state into the products we buy. The centre also teaches what should and shouldn't be recycled and demonstrates how recycling is sorted in the MRF.



Site tours

We hold regular site tours for visitors to the facility so that schools, community groups and anyone who is interested can come and see our facility in action. This open approach to the facility means we can educate the community about how waste is treated and the benefits of recycling.



Looking after our environment



The Southwark Integrated Waste Management facility has been developed to support a greener future for the borough.

Wherever possible we have incorporated features that conserve water and energy and limit the use of virgin materials. Despite the inner city location we are also promoting biodiversity and creating habitats to encourage wildlife around the site.



20% solar energy



Helping nature

We have provided bat boxes for roosting and logs for Stag Beetles to nest in around the site. By doing this we are helping to replace lost habitats and encourage these species to prosper once more.

Solar Panels

The office building for our staff and education and visitor centre has solar panels on the roof providing 20% of the energy required to run it every day.

The landscape

The facility grounds have been landscaped with 100 trees and over 10,000 shrubs to create a 'green corridor', as visitors enter the site. We have installed sedum matting on the roof of our education and visitor centre, which provides an ideal, low maintenance habitat for a variety of insects.

Materials

Through sustainable procurement, we were able to ensure 25% of the materials used in construction of our facility were recycled, with much being salvaged from the site demolition period before work started on the facility itself.

Being a good neighbour

The facility was designed to minimise environmental impacts on our neighbours. Odours and noise are strictly controlled throughout the site and the design uses neutral colours, curved architecture and extensive landscaping to better fit in with surrounding areas.

Vehicles

The IWMF enables recyclables from household collections to be significantly closer to the source which reduces road mileage undertaken by collection vehicles.