



Day Aggregates

The plant now has capacity to enable London's boroughs and businesses to reprocess 55,000 tonnes of their waste glass locally every year.

"The funding and advice London Remade has given us has been invaluable. They are progressing the industry, especially by developing markets for recycled glass."

Adam Day, Director, Day Aggregates

Background

Day Aggregates, a division of Day Group, is a supplier of aggregates for the construction and landscaping industries. They are situated on a safeguarded wharf in Charlton, Greenwich. The plant manufactures secondary materials from waste container glass – the first of its kind in the UK. It has become a centre of excellence for glass reprocessing and the development of alternative markets for reprocessed mixed glass.



Waste glass being recycled into sand

What happened

Day Aggregates won London Remade's competitive tender in December 2001 to build a glass reprocessing facility.

As delivery agent for the London Development Agency's Single Regeneration Budget, London Remade contributed a capital grant of £761,000 towards the plant. The project attracted £3 million of private funding: £1.3 million from Day Aggregates, for glass reprocessing equipment, and £1.7million in-kind from Cory Environmental

and Valpak for the collection and supply of waste glass.

They also received £220,000 from the European Regional Development Fund. London Remade was responsible for developing the buy-in of waste management companies and securing a sustainable supply of waste glass to the site. London Remade's delivery of the Mayor's Green Procurement Code has helped develop a market and raise awareness of the recycled product.

Achievements

Day Aggregates has been collecting waste glass from eight local authorities in London and over 3,000 licensed premises across the capital.

The site has helped improve the waste glass collection infrastructure in London.

The project was nominated as a finalist in the UK's National Recycling Awards after its first year of operation.

Press interest in the site has been considerable. The BBC has filmed at the site for news and documentary programmes.

The plant now recycles one million glass bottles each year. The recycled product is sold back to ten of London's local authorities, closing the recycling loop on a local level.

Glass diverted from landfill (tonnes)	Jobs created
55,000 per year	125

Brownfield land remediated (ha)

1

Future

This project has shown there is a need for reprocessed container glass helping to develop new products and applications for its use.

It has improved the collection and supply of glass from the commercial and municipal waste streams and contributed to the clustering of similar and related businesses in and around London.



Eco sand in use

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