



# Winterbourne Fields

## Waste and Recycling Strategy

**Our strategy for waste and recycling collections at Winterbourne Fields targets reducing waste and increasing recycling, as set out in the Swale Climate Action Plan and national government targets.**

Our strategy proposes an option which aligns with the vision of greener streets and reduced vehicle movements on site; and works for residential and non-residential areas alike.

Our proposal is for a series of communal collection points to be provided on the primary access road, located within 2 minutes walk of homes and businesses. The scheme would use subterranean super-bins accessible to all, similar to schemes used in Liverpool, Edinburgh, Cambridge and some London Boroughs. Super-bin installations will help to create greener streets, refuse collection vehicles do not need to access every street, resulting in narrower road widths with more opportunities for green and blue infrastructure on site.

Where implemented the super-bin strategy has improved the cleanliness of the streets with reduced street littering from spilled waste, improved streetscapes clear of refuse bins, and has helped to increase levels of recycling.



Up to a 70% reduction in collection costs for local authorities

Smart fob secured to prevent fly-tipping or antisocial behaviour

Super-bins come in a variety of sizes, with the largest (5,000 litres) providing capacity for a weeks worth of refuse for 20 homes



No need to store waste/recycling for weeks, waste can be deposited with increased frequency by users

Fully accessible to all users with pedal or ground level mechanisms

Emptied and re-installed in approx. 10-minutes using a "Hiab" fitted to the waste collection vehicle



Eliminates manual handling of refuse bins for residents and waste operatives

Made of steel or reinforced plastic to reduce odours and pest infestations



"Smart" systems alert collection services when full so bins are emptied when needed - maximising capacity and reducing collection numbers

Systems to enable automated collection route planning to reduce carbon emissions, congestion and noise