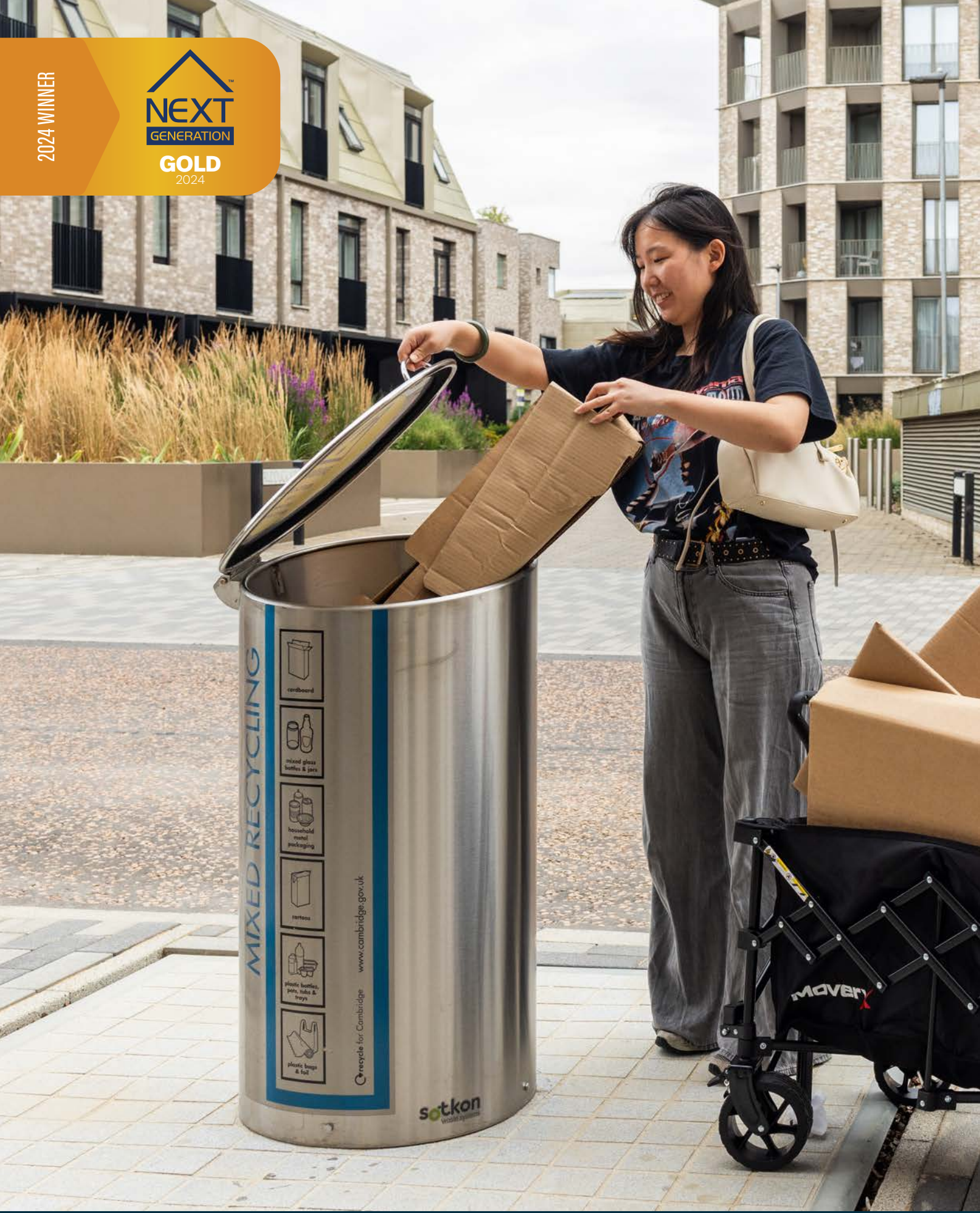


2024 WINNER



Net Zero Waste to Landfill by 2030

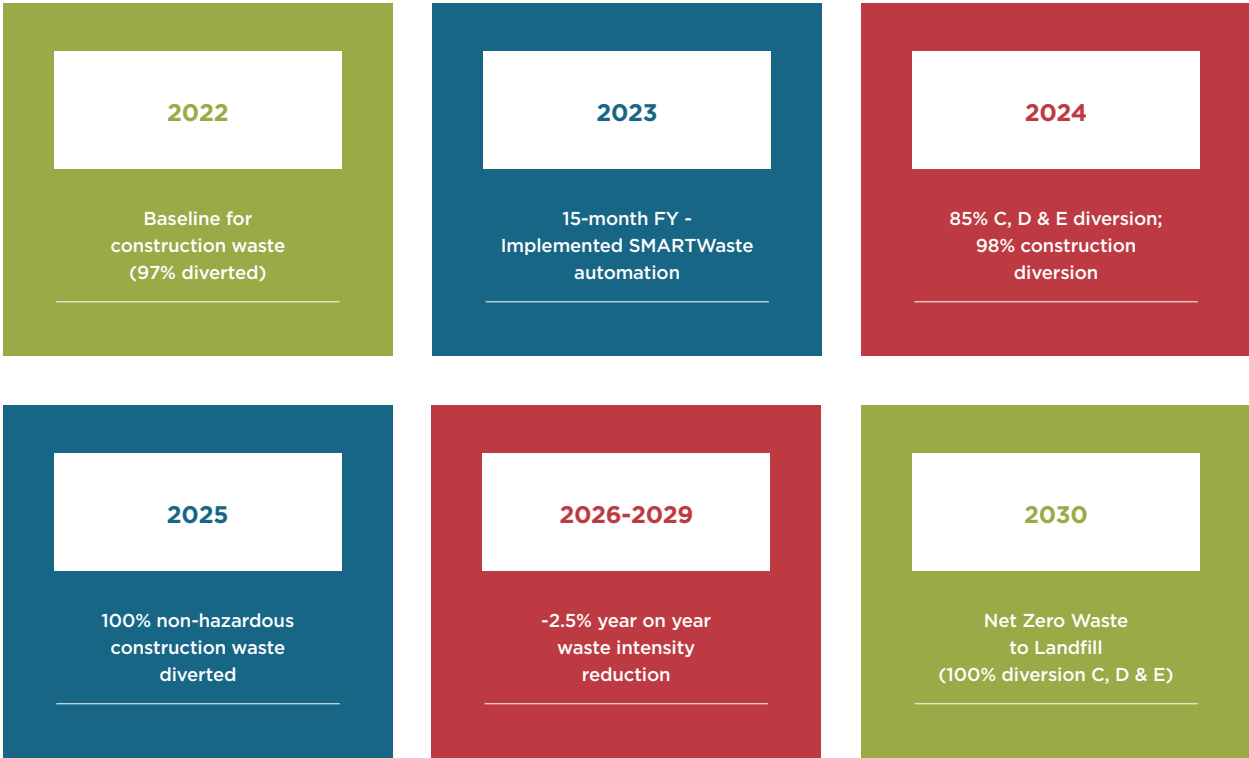
Our strategic roadmap for achieving a sustainable and safer workplace



Net Zero Waste to Landfill

This outlines our strategic roadmap for achieving Net Zero Waste to Landfill by 2030 across all construction, demolition, and excavation (C,D&E) activities. Building on strong performance—diverting 98% of construction waste and 96% of C,D&E waste from landfill in FY2024/25—we present phased milestones and clear metrics to guide operational improvements, circularity integration, and industry leadership.

With a foundation of certified environmental systems, SMARTWaste automation, and modern construction techniques, this plan supports our ESG strategy and aligns with sector-wide decarbonisation goals.

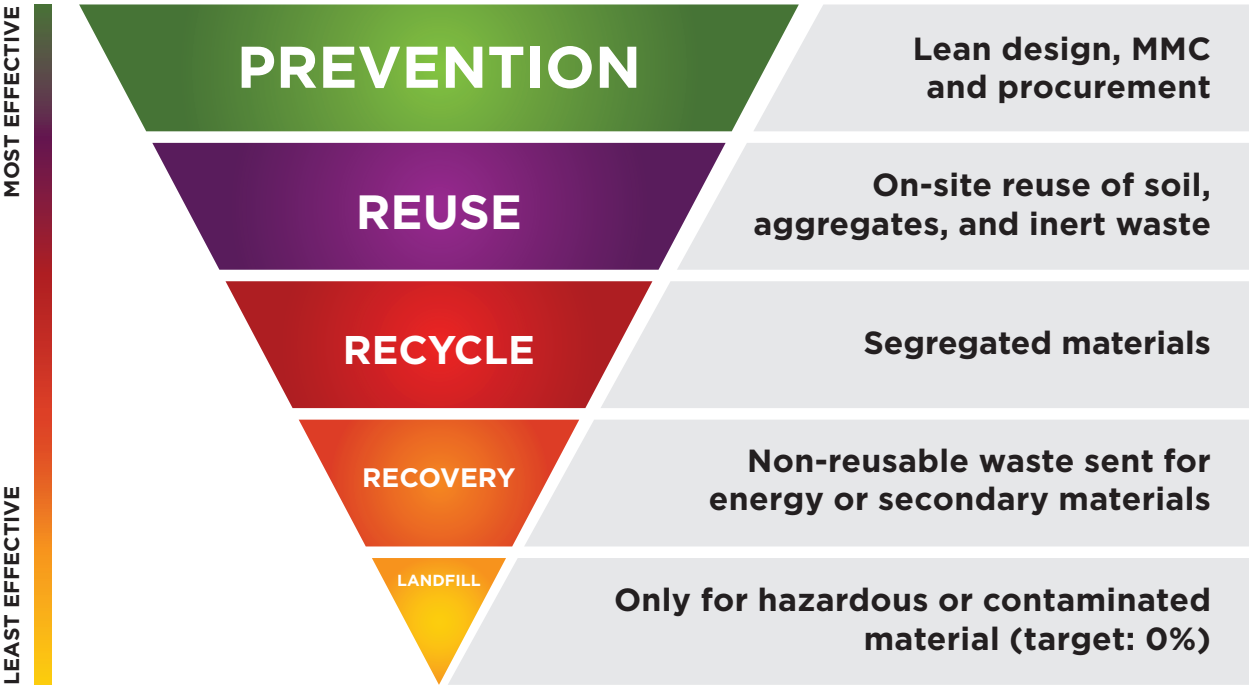


PHASE 1: FOUNDATION & BASELINE (2024)

Key Goals:			
Phase 1: Foundation & Baseline (2024)	Phase 2: Operational Efficiency (2025–2026)	Phase 3: Circular Integration (2027–2028)	Phase 4: Net Zero Waste Delivery (2029–2030)
Key Goals: <ul style="list-style-type: none">Establish a clear baseline for waste generation (T/100m²)Implement data integration via SMARTWaste across all sitesSet targets: 98% construction waste diversion, 85% C, D & E diversion	Key Goals: <ul style="list-style-type: none">Reach 100% non-hazardous construction waste diversion by end of 2025C, D & E waste diversion: 87% (2025), 89% (2026)Reduce normalized waste by -2.5% annually	Key Goals: <ul style="list-style-type: none">C, D & E diversion targets: 91% (2027), 93% (2028)Circularity score improvement: 40–50%Standardize material passports across 75% of new projects	Key Goals: <ul style="list-style-type: none">Achieve 100% landfill diversion (C, D & E waste)Reduce overall waste generation by 2.5% annuallyCircularity score: 60%+
Actions: <ul style="list-style-type: none">Roll out ESG & circularity trainingBegin phased MMC adoption (prefab, modular components)Automate waste reporting systems with waste partners	Actions: <ul style="list-style-type: none">Expand MMC to 50%+ of housing output (aligned with NextGen criteria, not sure if poss)Reuse of soils, hardcore, and inert waste onsite where possibleStart pilot for material passports and circularity assessmentLean construction protocols (e.g., just-in-time delivery, packaging reduction)On-site segregation or bailers for key waste streams	Actions: <ul style="list-style-type: none">Establish take-back schemes with key suppliers (e.g., bricks, tiles, plasterboard)Standardize digital twins and BIM integration for waste predictionEvaluate embodied waste at design stage via circular design reviews	Actions: <ul style="list-style-type: none">Full integration of digital material passports and pre-demolition auditsOnsite reuse infrastructure (mobile crushers, soil wash plants)Zero-waste procurement standards for all new contractsFull adoption of modular and prefab systems where viable
Metrics: <ul style="list-style-type: none">1.9 T/100m² construction waste85% diversion rate for total waste	Metrics: <ul style="list-style-type: none">Waste per 100m²: 1.85 (2025), 1.80 (2026)C, D & E diversion: 89% by 2026	Metrics: <ul style="list-style-type: none">Waste per 100m²: 1.75 (2027), 1.70 (2028)93% diversion of all wasteMMC expanded to 65% of build footprintCircularity score: 50%	Metrics: <ul style="list-style-type: none">Waste per 100m²: ≤1.5 T/100m²Zero-waste to landfill (100% diversion)Circularity >60%70% MMC adoption



CIRCULAR WASTE HIERARCHY



ESG & CIRCULARITY TRAINING

ESG-aligned onboarding & continuous education

Circularity Toolbox Talks

Waste-focused poster campaigns & alerts

Director-led Site Audits to reinforce KPIs



Table 2	KPI	CY 2022	FY2023	2024	2025	2026	2027	2028	2029	2030
Construction waste	% diversion from landfill	97%	98%	99%	100%					
	Tonnes	61,690	89,246 (CY 01.01.2023-31.12.2023 61,414 tonnes)	-2.5%	-2.5%	-2.5%	-2.5%	-2.5%	-2.5%	-2.5%
Construction, excavation, and demolition (C, D & E waste)	% diversion from landfill		85%	87%	89%	91%	93%	95%	97%	100%

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