

# B8 WASTE & STREET SCENE

Ensuring our waste and street scene services receive the investment they need to deliver high quality and efficient services to the communities we serve.

The Sheffield Delivery Plan strategic objectives include ‘strong and connected neighbourhoods which people are happy to call home’. Having efficient waste services is a key element to keeping our neighbourhoods clean and attractive; and appropriate safety measures in our public realm is a key element to people feeling safe. The Energy Recovery Facility, Recycling Centre and District Energy Network investment reflect the further objective of ‘clean economic growth’.

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## 1 Background and context

The projects for future investment straddle the Waste and Street Scene Policy Committee (changes to the Energy Recovery Facility, waste collection and household waste recycling centre, hostile vehicle mitigation, CCTV improvement) and the Transport, Regeneration and Climate Change Committee (District Energy Network development).

Three of the projects (Energy Recovery Facility, Waste Collection Changes and Hostile Vehicle Mitigation) are driven by legislative changes so we have a clear mandate to implement. The Recycling Centre and District Energy Network projects reflect investments in the city’s infrastructure to reduce our carbon impact. CCTV equipment investment reflects our ambitions to maintain a safe city centre for residents.

## 2 How do these activities contribute to ‘net zero’?

The changes to waste collection services will contribute to increasing recycling and reducing the carbon impact from our waste.

The Household Waste Recycling Centre development will also contribute to increasing recycling and with the new reuse offer will actively prevent waste maximising resource/ material use. The investment in District Energy is to reduce dependency on gas and

electric for heating. Whilst the National Grid continues to de-carbonise with our investment in the Energy Recovery Facility it is the most efficient heat source for the city. The network provides the opportunity for other heat sources to be added and can be future proofed in this way.

**3 Projects completed in 2023/24**

	Project and value	Impact
1	Musical Pocket Park (£63k)	12 Musical instruments available for public use
2	Fly Tipping & Graffiti prevention (£100k)	Improved fencing, barriers and landscaping at sites across the city to reduce incidences of fly tipping.

**4 Current projects already in delivery**

	Project	Budget (£) (all years)	Year(s)	Outputs
1	City Centre Safety	£2m	2018-25	Installation of barriers to increase pedestrian safety

**5 Potential investment pipeline over the next 10 years**

	Priority / Project	Impacts	Potential funding source(s)
1	New Legislation: Changes to Emissions permitted from Energy Recovery Facility	Veolia are required to reduce the daily average levels of SOx (sulphur oxides) emissions from the Energy Recovery Facility. The Environment Agency has issued a new permit for the plant from December 2023. Veolia will need to retro fit the plant with the technology to neutralise the Sox emissions to the permitted levels.	Veolia capital – but borrowing costs may be higher than SCC
2	New Legislation: Changes to Waste Collection to meet new Environment Act (date to be confirmed by Government, but after Oct 2025)	Introduction of new weekly food waste collections (new collection vehicles and containers needed)  Increase materials collected for recycling may mean changes to existing containers and collection vehicles.	New burdens funding from Government (but unlikely to meet full costs). Veolia can capitalise some

		Awaiting confirmation if required to provide free garden waste collections, requiring new collection vehicles and containers.	costs – but borrowing costs may be higher than SCC
3	New Legislation: Hostile Vehicle Mitigation. Martyn's Law and the Protect Duty requires us to install physical safety measures outside buildings to ensure public safety.	We have identified areas of risk in the City centre. Some measures have been implemented as part of existing capital schemes (eg Future High Street Fund, Connecting Sheffield), However there remain sites where we have temporary measures in place. Replacing these with permanent measures would have a positive impact on our revenue budget – as the temporary measures are hired in; and enable us to design appropriate measures that are in keeping with our ambitions for the City centre streetscene.	Funding sources have not been identified.
4	New Waste Recycling Centre offering reuse opportunities and pay as you go for commercial waste	New waste recycling centre as we do not have space on our existing sites to offer the full range of materials we need to separate for recycling. We also do not have space for reuse, preventing waste or for offering services for commercial waste. We are also seeking to handle the Council's waste through this site, such as Parks and Repairs and Maintenance again providing increased opportunity for recycling and resilience for our services.	Veolia can capitalise some costs – but borrowing costs may be higher than SCC
5	District Energy Resilience and Development	Thermal storage would offer the opportunity to increase the number of customers on the network reducing the city's carbon footprint and resilience from gas and electric networks for heat. Further investment in pipe network would also contribute to this.	Veolia can capitalise some costs – but borrowing costs may be higher than SCC  Grant Funding – but will be a max of 33% of cost
6	CCTV Camera Improvement	Our CCTV camera network is ageing and in some cases the technology is becoming obsolete. Replacing these cameras with newer technology would enable better quality imaging which will result in more effective services, and a safer City centre.	We will bid for funds through the Safer Streets Project (South Yorkshire Police) but this will not cover the full costs.

## 6 Our forward look to the 2050s

Our Highways Maintenance PFI Contract culminates in 2037. Capital investment is likely to be needed for depot refurbishment, including the salt dome, future schemes and operational delivery such as investment in fleet.

Our Veolia Integrated Waste Contract culminates in 2038. Capital investment is likely to be needed for exit costs of buy-back of facilities, equipment, and fleet. We may also need to invest in either a new treatment / recycling facility or alternatively require capital monies for the refurbishment of the existing facilities.

## 7 Key challenges and how we are addressing them

	Challenge	Actions to address
1	Energy Recovery Emissions Legislation Change	Veolia are testing a range of solutions to reduce the SOx (sulphur oxides) emissions. Meetings to take place with Veolia from September to understand options to ensure compliance with the new requirements post December 23.
2	Environment Act changes to Waste Collection	Modelling options with Veolia and externally with Local Partnerships (a government agency).