



ADUR & WORTHING
COUNCILS

**WBC Cabinet Member for
Environmental Services
ADC Cabinet Member for the
Environment & Leisure**

5 September 2022

**Decision to be taken on or after 13
September 2022**

**Key Decision - Yes
Ward(s) Affected: All**

**Waste and Street Cleansing Vehicle Replacements: Moving to an ultra low
emission fleet**

Report by the Director for Digital, Sustainability & Resources

Executive Summary

1. Purpose

- 1.1. The purpose of this report is to seek Cabinet Member approval to proceed with the purchase of five new street cleansing vehicles. These vehicles are included in the 2022/23 Capital Investment Programme.
- 1.2. Electric models for all five replacement vehicles have been investigated in line with policy commitments to move to a cleaner fleet (*Platforms for our Places* and *Sustainable AW*). Of the vehicles required by the waste and street cleansing services, two have been found suitable to purchase as electric models. If approved, these will be the first waste collection vehicles within the councils' fleet to become electric, providing air quality benefits, and financial and carbon emissions savings.
- 1.3. To seek approval to procure a new street cleansing vehicles contract for Adur and Worthing Councils.

2. Recommendations

- 2.1. The Cabinet Member with responsibility for the Waste Service is recommended to:
- i) Approve the acquisition of the five replacement street cleansing vehicles included in the 2022/23 Capital Investment Programmes as set out in this report.
 - ii) To award to the supplier known as Hendy Ford, without further completion (i.e. direct award) a call-off contract for the supply of street cleaning vehicles via the Hertfordshire County Council and TPPL Vehicle Purchase Framework (reference: HCC1811097), a single supplier Framework.

3. Context

- 3.1. Each year a number of the council's fleet vehicles used for frontline services reach the end of their initial working lives. To facilitate replacements, a rolling programme is provided by the Transport section and financed via the Capital Investment Programmes.
- 3.2. No vehicle is replaced as a matter of course just because it is scheduled for replacement. It is assessed on its physical condition and suitability to perform the task it is deployed to do. This assists in keeping expenditure down, as well as maximising the returns from the vehicle assets employed.
- 3.3. Policies adopted within Sustainable AW and Platforms for our Places commit to the following aims and actions to shift to a cleaner vehicle fleet, reducing harmful roadside emissions and those that contribute to climate change (see table below). All vehicles required by the Waste and Street Cleansing Service were assessed for suitability for electric and hybrid versions.

Sustainable AW	
Support electric vehicle uptake to improve air quality	Deliver further public electric vehicle charge points and seeking funding for further expansion, exploring electric vehicles for council use.

Pledge 100% Clean Energy by 2050	Pledge to 100% clean energy by 2050, endeavouring to ensure our communities have warm homes; secure, affordable energy; breathe clean air; drink clean water; and live in a town of which they can be proud. Join UK100, the national network of local authorities committed to shifting to clean energy in their areas
Platform 3: Stewarding our Natural Resources	
Work to deliver sustainable travel initiatives and infrastructure, tackling air quality	Transition to cleaner fuels for council fleet and vehicle rentals through e.g. hybrid and electric vehicles.

3.4 Extensive research into market availability of ultra-low emissions replacement vehicles (ULEVs) was undertaken by the Waste Cleansing & Fleet Manager. Cost comparisons and business cases were developed for replacement vehicles. Currently Five vehicles: Five 3.5t Transits, two side loader tippers and three 3.5t Tippers

4. Issues for consideration

4.1 It is proposed that 5 vehicles are procured in the financial year 2022/23, these all being replacement vehicles. All of the above vehicles have come to the end of their economically useful life and are in need of replacement to avoid repair costs escalating and vehicle availability reducing. The vehicles for replacement are listed below:

Replacement vehicles sought
3 x 3.5t Litter Collection vehicle (Electric powered)
2 x 3.5t Side loader Litter Collection vehicle (Electric powered)

4.2 Five 3.5t vans will also be replaced with electric powered versions.

4.3 As our vehicle fleet needs to be renewed, they will be subject to the latest emissions standards. Electric vehicles will always be assessed for suitability as replacement for smaller vehicles.

4.4 As the technology evolves, replacements for larger vehicles will also be explored. The biggest obstacles in procuring alternative powered vehicles are cost and availability. Vehicles such as sweepers can be over three times more expensive compared with the diesel powered equivalent. Whilst some

small vans are now available and real world tested, as with these proposed purchases.

5. Engagement and Communication

- 5.1 The fleet user sections whose vehicles are due for replacement are fully consulted throughout the procurement process.
- 5.2 The Sustainability Manager and Environmental Health Officer (Air Quality) were consulted.
- 5.3 The Energy Savings Trust were consulted to review the councils fleet for replacement with EVs and produced a ULEV Report for Adur & Worthing Councils (see paragraphs 4.5 - 4.7).

6. Financial Implications

- 6.1 The 2022/23 Capital Investment Programmes for Adur and Worthing Councils include a total budget provision of £348,610 for the purchase of the vehicles detailed in the report. The apportionment of costs for the joint street cleansing service has been agreed as Adur 39.4% and Worthing 60.6%. Details of estimated costs are shown in the following table and are based on electric vehicles which is within the approved budget.

Vehicles	Adur Capital Budget £	Worthing Capital Budget £	Total Capital Budget £
2 x 3.5 tonne Litter vehicle, side loader	55,630	85,570	141,200
3 x 3.5 tonne Litter vehicle	74,300	114,290	188,590
Totals	129,930	199,860	329,790

7. Legal Implications

- 7.1 As a waste collection authority, the councils are obliged to have waste collection facilities.
- 7.2 Under section 89 of the Environmental Protection Act, 1990 the Councils are required to keep land under their direct control, which is open to the air and is land (but not a highway) and to which the public are entitled or permitted to have access with or without payment, so far as is practicable, clear from litter and refuse.
- 7.3 The councils have power under section 111 of the Local Government Act, 1972, to do anything (whether or not involving the expenditure, borrowing or lending of money or the acquisition or disposal of any property or rights) which is calculated to facilitate, or is conducive or incidental to, the discharge of any of their functions. The procurement of vehicles is ancillary to the above functions
- 7.4 Section 1 of the Local Authorities (Contracts) Act 1997 provides that every statutory provision conferring or imposing a function on a local authority confers power on the local authority to enter into a contract with another person for the provision or making available of assets or services, or both, (whether or not together with goods) for the purposes of, or in connection with, the discharge of the function by the local authority.
- 7.5 The Council must ensure that any contract entered into pursuant to this Report is compliant with the Public Contracts Regulations 2015

Background Papers

- Waste and Street Cleansing Vehicle Replacements: Moving to an ultra low emission fleet - JSC - 9 July 2019

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Sustainability & Risk Assessment

1. Economic

- There is no impact on the local economy

2. Social

2.1 Social Value

- Zero emissions will be of benefit to all within Adur & Worthing

2.2 Equality Issues

- Not applicable

2.3 Community Safety Issues (Section 17)

- Not Applicable

2.4 Human Rights Issues

Not Applicable

3. Environmental

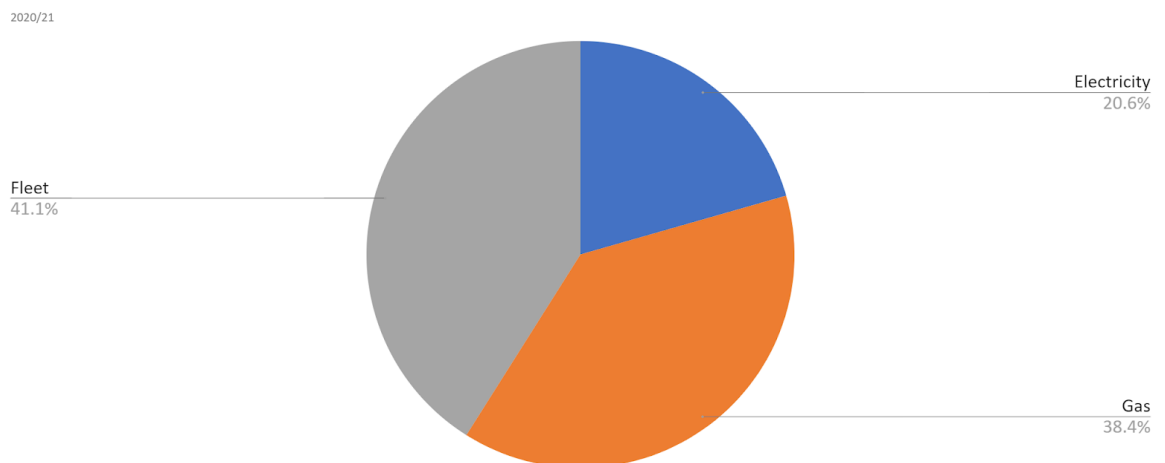
- Zero emissions will be of benefit to all within Adur & Worthing

4. Governance

- To meet zero emissions by 2030
- To meet neutral Carbon by 2045
- There are no implications for resourcing, risk management (including health and safety), the governance of the either Council?

Appendix 1 - Supporting Information

- Adur & Worthing are two council areas located on the South Coast, with a combined population of over 170,000. Both are predominantly urban areas, covering the towns of Shoreham, Lancing and Worthing, as well as surrounding villages and suburbs, particularly those of neighbouring Brighton & Hove.
- Since 2007, Adur & Worthing Councils (AWC) have worked to deliver operations jointly across two council areas. This means there is one officer team servicing two sets of elected representatives and a joint fleet (with some exceptions, noted below).
- In 2019, the councils jointly declared a Climate Emergency and set a target to be net zero carbon for their own operations (scope 1 and 2) by 2030.
- The most recent carbon emissions figures (from 2020/21, compiled in-house) show that the councils emitted 2,807tCO₂e, broken down as follows:



- *It should be noted that the above figures were affected by the Covid-19 pandemic, principally through office buildings being closed.
- A Carbon Neutral Plan was developed in 2019 and significant success has been had in delivering on parts of this, notably by reducing emissions from buildings through multiple successful bids to the Public Sector Decarbonisation Scheme.
- The Carbon Neutral Plan advised that the following fleet measures be implemented:
- Review AWC fleet and replacement plans (short-term)

- Replace AWC car and van fleet with zero emission alternatives (medium-term)
- Plan for future replacement of HGVs with zero emission alternatives (long-term)
- This piece of work seeks to deliver a fleet strategy that the council will follow to ensure it meets its net zero carbon targets whilst continuing to meet business needs