

Showcasing the Waste GHG Emissions Calculator

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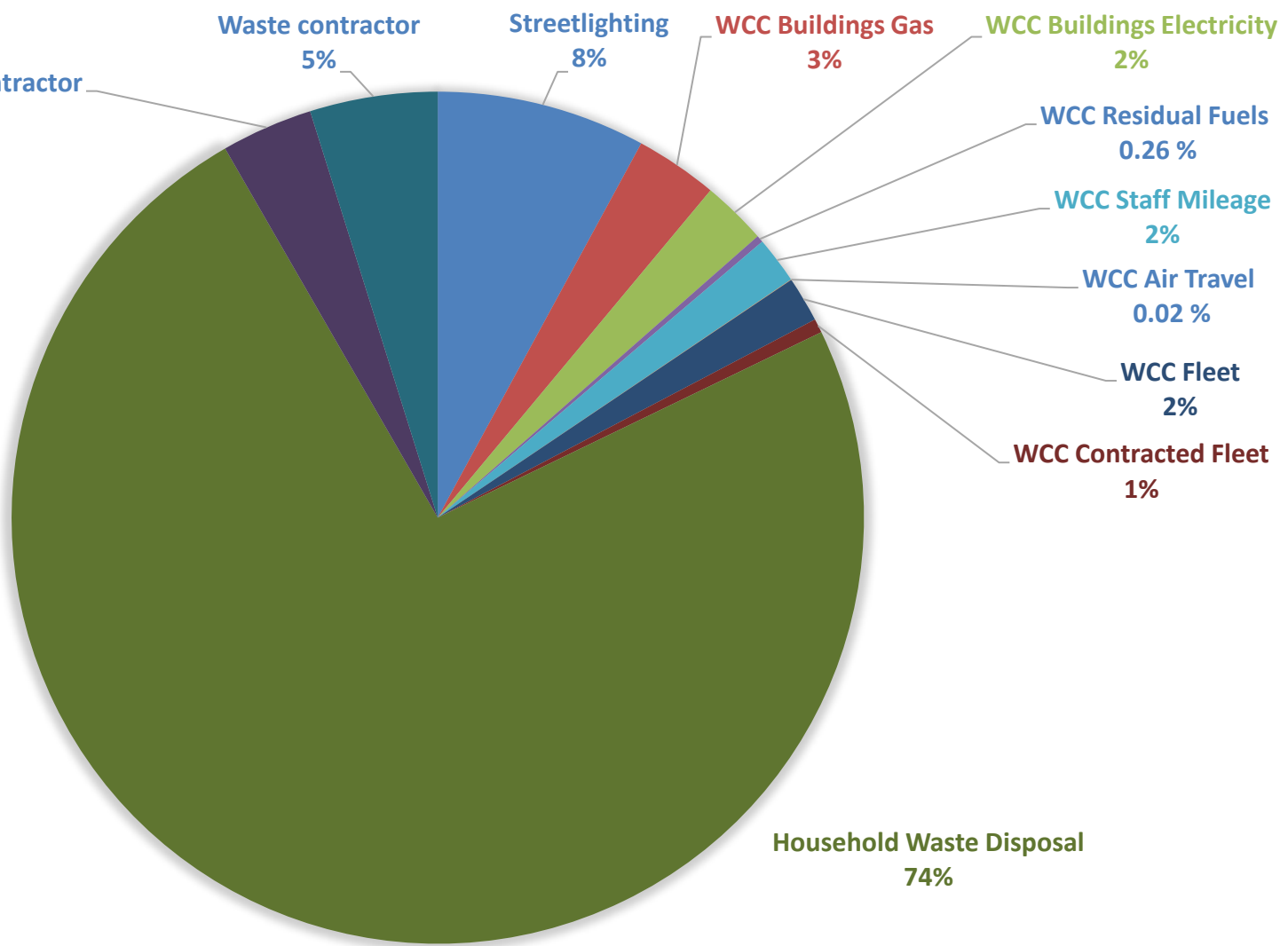
17th January 2023

WCC GHG Reporting

- WCC has been reporting on its GHG emissions for a number of years
- Over time, we have tried to improve reporting on Scope 3 emissions
- Included emissions from Waste Disposal
- Reporting based on historical emissions factors – been seeking alternative GHG calculation methods for waste disposal for a long time!

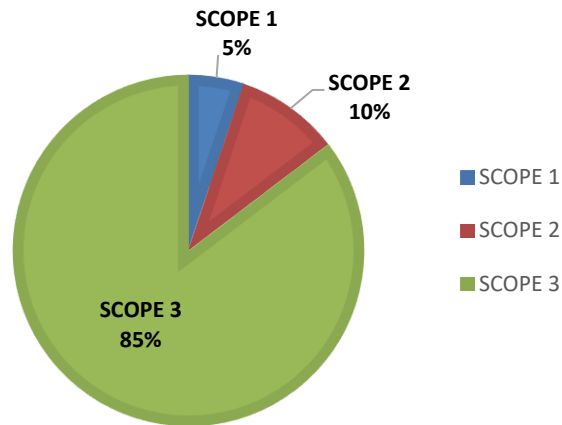
WCC GHG Emissions 2021/22

*In 2021/22
Worcestershire
County Council was
responsible for
absolute emissions
of 44,928 tonnes of
carbon dioxide
equivalent (CO₂^e)
from the following
sources:*



WCC GHG Emissions Scopes

SCOPE 1 - DIRECT	SCOPE 2 – INDIRECT <i>(but WCC has direct control over how much electricity we use and what type we purchase)</i>	SCOPE 3 - INDIRECT
<p>Direct emissions from Council activities and operations under the Council's control including:</p> <ul style="list-style-type: none"> - Natural gas use in WCC buildings (excluding schools) - Fuel use in WCC vehicle fleet - Residual fuel use (e.g., burning oil, LPG etc.) consumed at WCC sites (excluding schools) 	<p>Indirect emissions:</p> <p>Electricity use in WCC buildings (excluding schools) and street lighting (grid generation)</p>	<p>Other indirect emissions for which WCC can access data for, including:</p> <ul style="list-style-type: none"> - Electricity (grid transmission and distribution) - WCC staff business mileage and air travel - Electricity/gas use in buildings operated by Council's main outsourced contractors for Waste Management and Highways - Fleet/staff mileage undertaken by main outsourced contractors for Waste Management and Highways - Contracted fleet vehicle fuel use - Emissions from county-wide municipal waste disposal



Waste GHG Emissions Calculator

- Delighted to be given the chance to feed into the development of the new tool – *Thank you to Cambridgeshire County Council and UCL for allowing us the opportunity to participate in this LGA Net Zero Innovation Programme project*
- First draft of tool did not include Energy from Waste - we were keen to support inclusion of this
- Provides a consistent approach to reporting for Waste Disposal Authorities
- Very intuitive, easy to input data into the tool
- Need close engagement with Waste Disposal Contractor – they will have all of the data you will need to input into the tool
- Future opportunities