

GUILDFORD BOROUGH COUNCIL

Climate Change Action Plan

Global climate change and its local implications:

England recorded 2,800 excess deaths in over-65s during 2022 heatwaves

Calls for government to take action now to prevent further unnecessary deaths next summer

[England recorded 2,800 excess deaths in over-65s during 2022 heatwaves | Extreme weather | The Guardian](#)

Wildfire Risk 'Very High' In Surrey As Global Warming Gets Local

Published on: 11 Jul, 2022

Updated on: 14 Jul, 2022

[Guildford Dragon NEWS \(guildford-dragon.com\)](#)

Updated: River Wey Breaks Its Banks As Flood Alert Issued After More Heavy Rain

Published on: 17 Nov, 2022

Updated on: 17 Nov, 2022

[Guildford Dragon NEWS \(guildford-dragon.com\)](#)

UK weather: 2022 was warmest year ever, Met Office confirms

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[UK weather: 2022 was warmest year ever, Met Office confirms - BBC News](#)

On 23 July 2019, the Council adopted a motion to declare a Climate Emergency and passed a motion committing to actions including:

- Achieving net-zero carbon across all Guildford Borough Council services by 2030
- Establishing borough-wide partnerships to evaluate and determine how and when Guildford Borough could become carbon neutral.
- Developing a clear action plan and timescale for being net-zero carbon across our Council operations.

Following developments in understanding of the task ahead, The Climate Change Board (30/11/22) clarified what was to be included within the net-zero goals.

- Scope 1 & 2 to be achieved by 2030
- Scope 3 calculations and methodology to be developed and achieved when practicable but in line with National Government goals.
- Biodiversity and Air Quality to be included within the Climate Emergency statement.

Carbon emissions are broken down into three categories:

Scope 1 – Direct emissions

Natural gas used in buildings

Transport fuels (Council owned vehicles)

Scope 2 – Indirect Emissions

Electricity used in buildings

Scope 3 – Other indirect emissions

Gas – Transmission emissions

Fuels – transmission emissions

Electricity - transmission

Biomass - transmission

Water Supply

Water treatment

Business travel by car

Waste from Council Operations

Recycling from Council operations

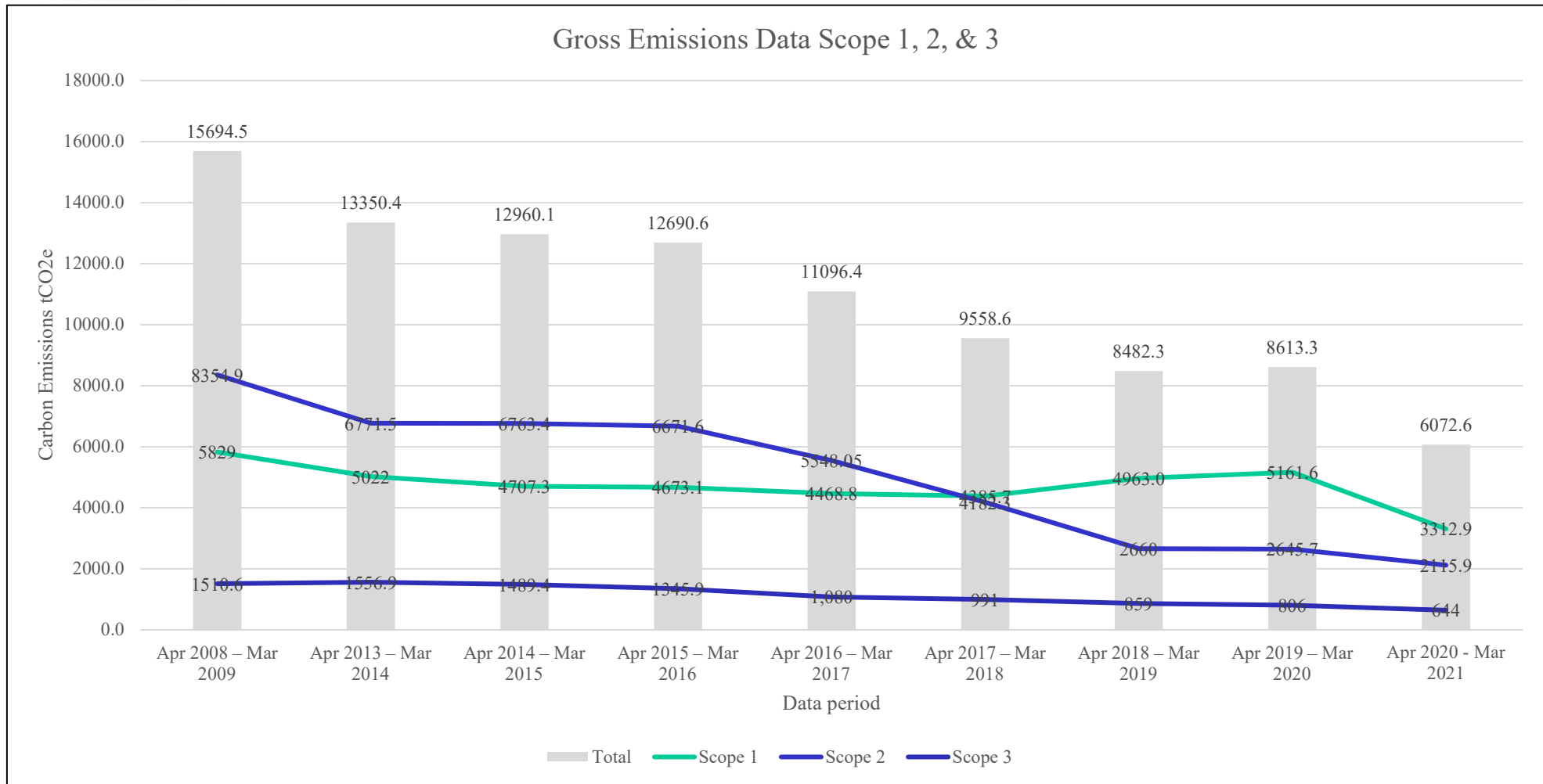


Figure 1: Gross emission data for Guildford Borough Council dating from 2008 covering a period of one financial year. Total gross emissions are broken down into Scope 1, 2, & 3 emissions. (Guildford Borough Council 2019-2020 Scope 1, 2 and 3 Carbon Emissions, APSE, 2021).

GBC emissions by scope

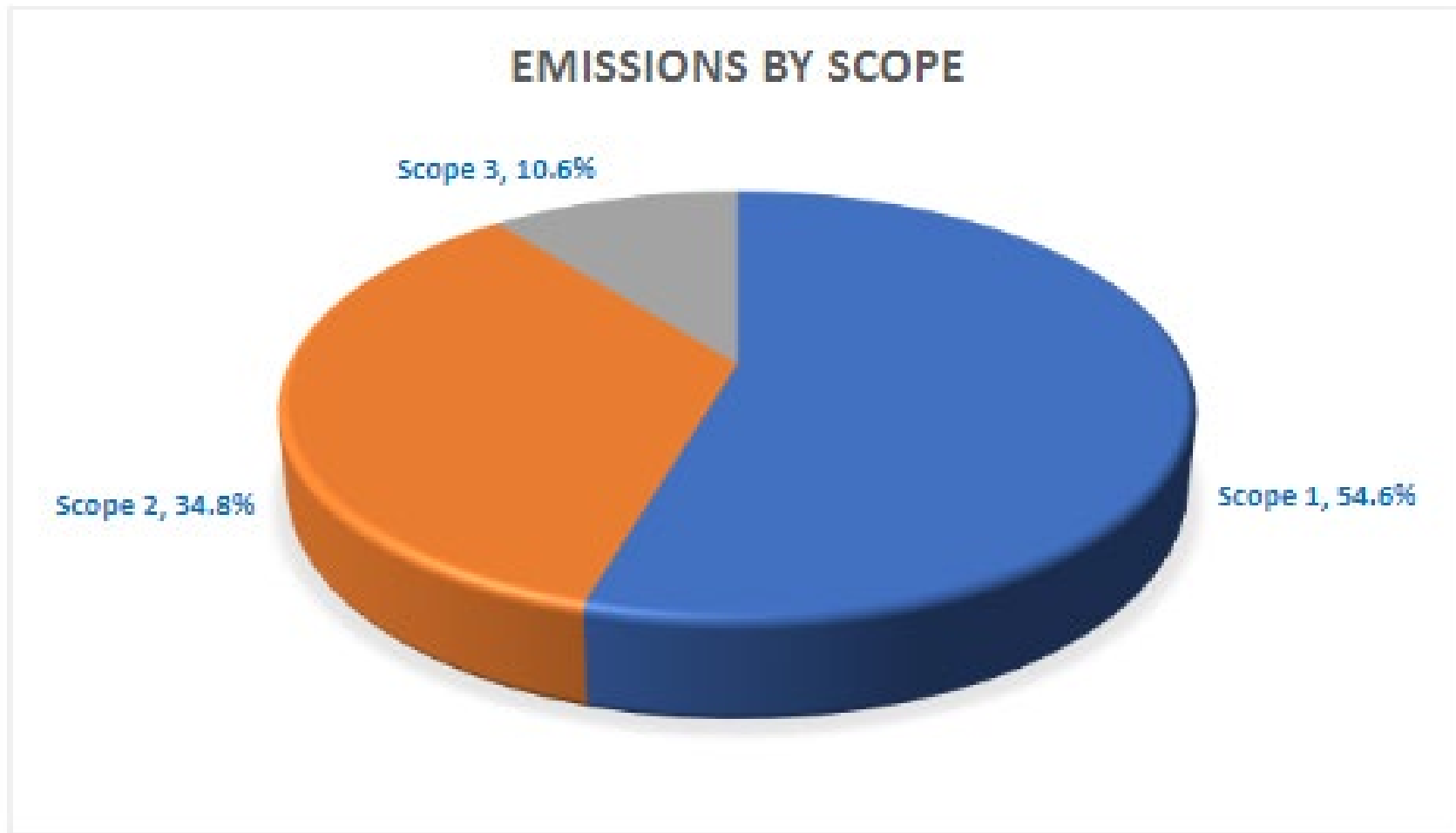


Figure 1.2: Guildford Borough Council Carbon emissions by Scope 2020/21

Guildford Borough GHG Emissions 2019/ktCO₂e

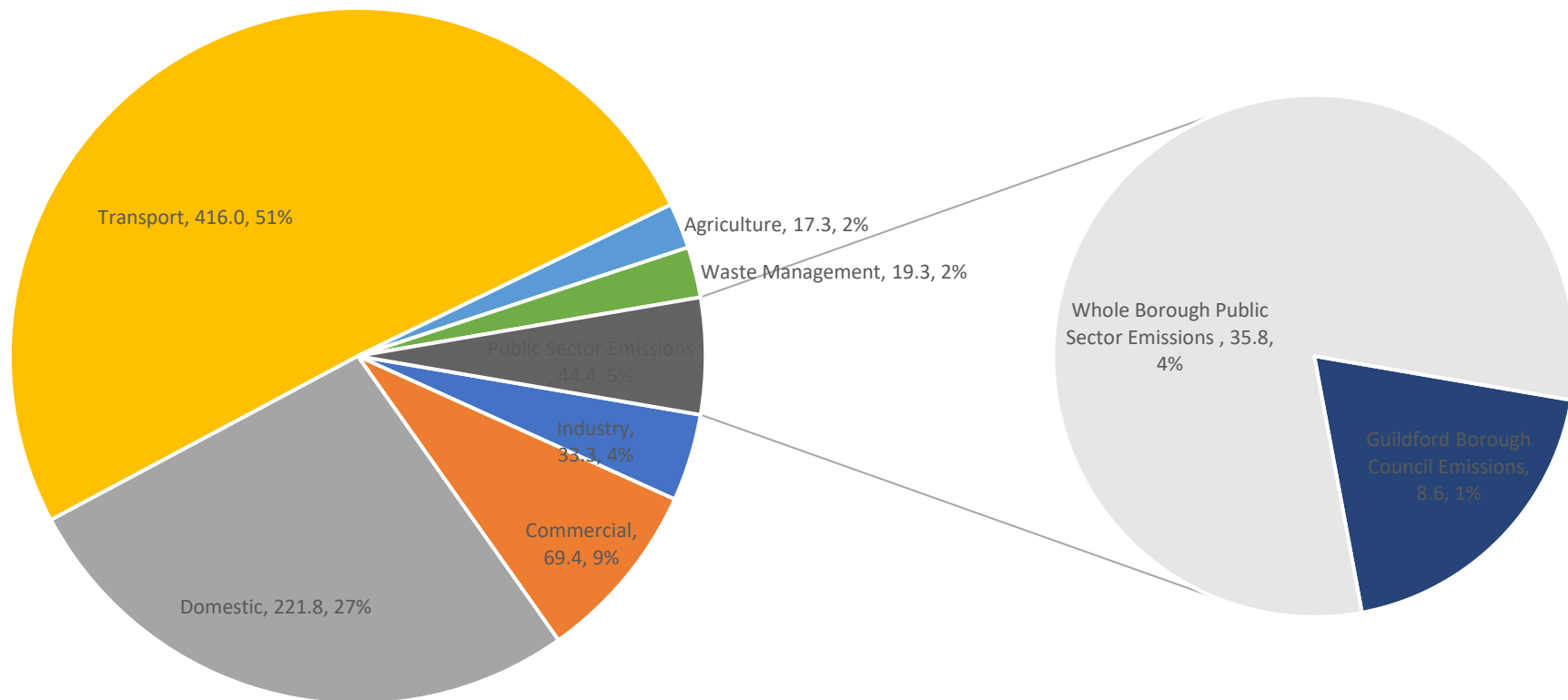


Figure 2: Percentage by source of greenhouse gas emissions across Guildford Borough in kilotonnes of CO₂e (GHG measured: carbon dioxide, methane, & nitrous oxides), (*UK local authority and regional greenhouse gas emissions national statistics, 2005 to 2020, BEIS, July 2022*) Guildford Borough Council emissions provided by APSE (*Guildford Borough Council 2019-2020 Scope 1, 2 and 3 Carbon Emissions, APSE, 2021*).

The role of Guildford Borough Council

- **Delivering** – Ensuring that GBC takes those actions that are directly within our control to deliver a defined outcome.
- **Enabling and facilitating** - Actions where the role of GBC is to facilitate delivery of climate change programmes by empowering organisations and communities to deliver beneficial outcomes.
- **Supporting and encouraging** - Actions where the council can encourage or contribute to the delivery of a quantifiable outcome.
- **Lobbying** - Actions where the primary role of GBC is to push for change within our community.

Some tips to reduce carbon emissions in your parish:

- Keep a record of your emissions, (milage, energy use)
- Create a plan to reduce those recorded emissions
- Encourage the formation of Climate Action groups within your communities
- Create a network of community leaders to promote carbon reduction more widely
- Develop and promote a lift share scheme

Thank you