

This report will be made
public on 1 September 2022

Hythe Town Council

www.Hythe-tc.gov.uk

Report number F&GP 14/22

To Hythe Town Council
Date 11 August 2022
Status **Non Exempt**
Responsible officer Town Clerk

Subject **CARBON FOOTPRINT REPORT F&GP/14/22**

SUMMARY: In mid-2019, Hythe Town Council declared a Climate and Ecological Emergency and set a zero-carbon date for the Council for 2025 at the latest and are monitoring its carbon efficiency.

REASON FOR RECOMMENDATION:

The Committee is asked to agree the recommendations set out below because;

- a) Hythe Town Council declared a Climate and Ecological Emergency and set a zero-carbon date for the council for 2025.

RECOMMENDATIONS:

- 1. To receive and note the report F&GP/14/22.**

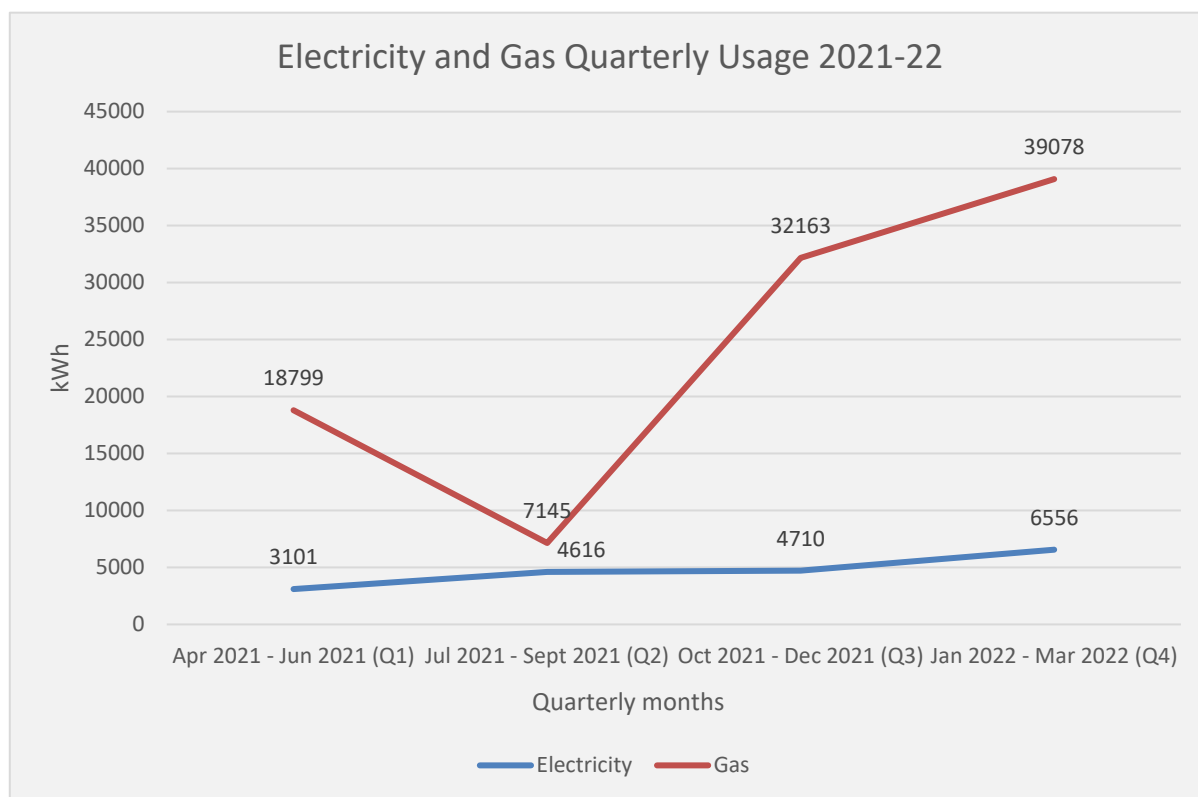
INTRODUCTION

This report provides information about Hythe's carbon footprint, from the scale of emission and the main activities responsible for the emissions.

Footprint information can guide the Council where we should target our efforts to reduce emissions and have the greatest impact. These footprints are intended to raise awareness and improve understanding of the types of activities which contribute to emissions in any given area in order to stimulate individual and collective action.

Electricity and Gas Usage 2021-22

The graph below illustrates an overview of the Council's usage of Gas and Electricity from April 2021 to March 2022, as well as the equivalent carbon usage for the same time period.



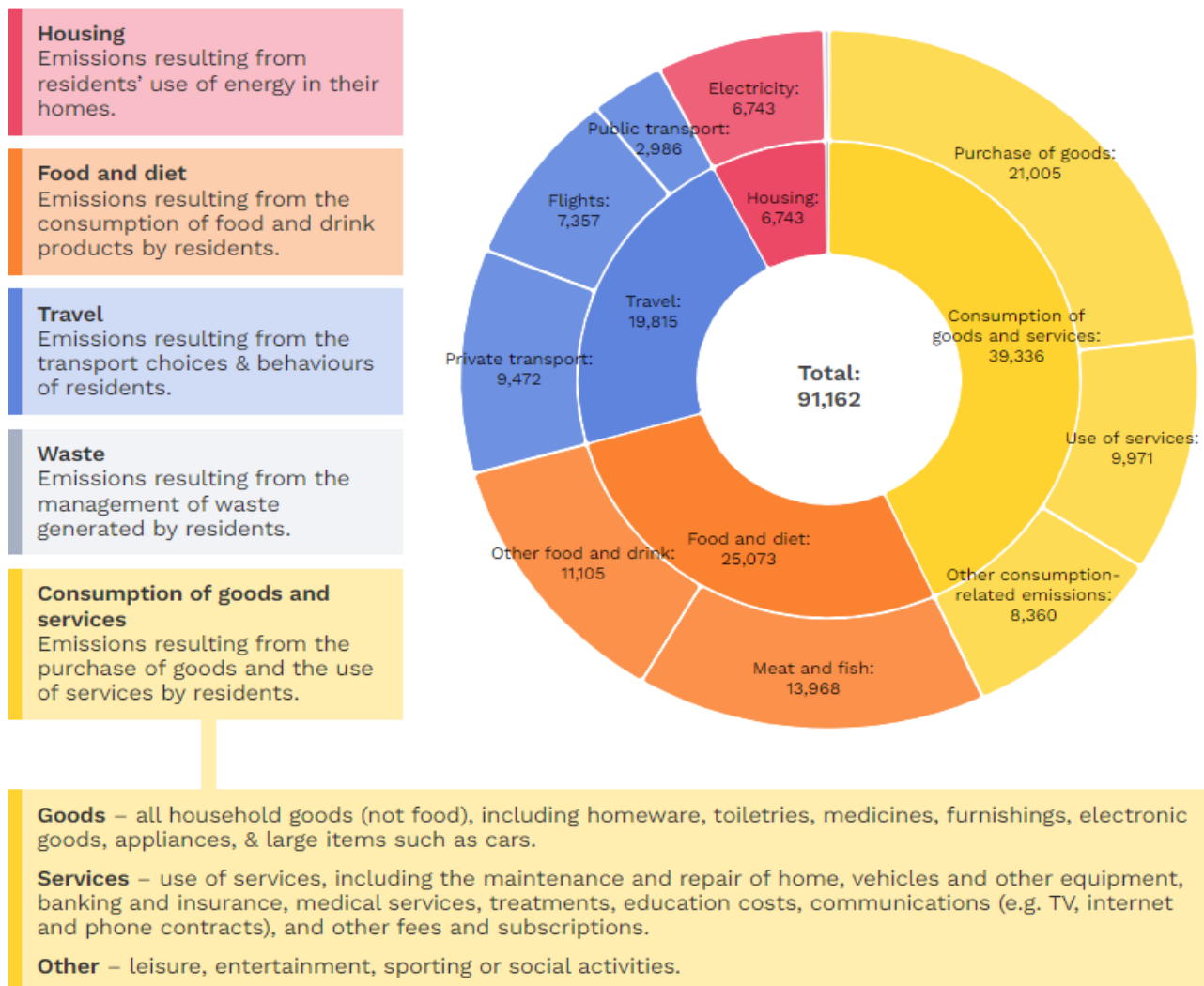
The above graph shows the electricity (blue) and gas (red) consumption for the three premises: The Pavilion, Oaklands and Town Hall (please note that there is no gas at the Town Hall).

The assumption is that due to the time of year the gas usage is quite high, and we should see a drop now we are into the summer months, however, kWh rate for gas will still remain high.

Thanks to the switch to BULB Energy as the energy provider, Hythe Town Council's three properties carbon footprint for electricity is now zero. The assumption is that with the reduced gas usage in the summer months should also reduce HTC's carbon footprint.

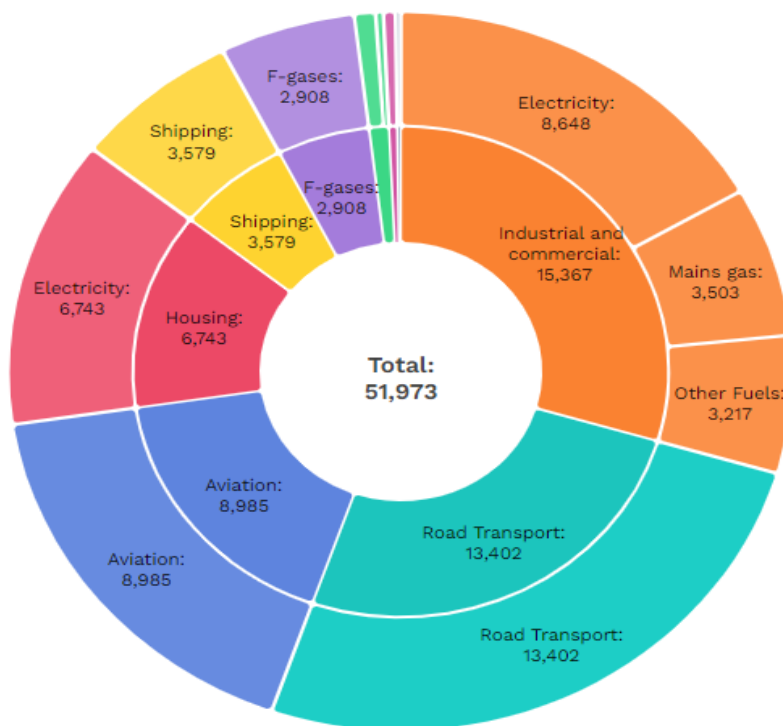
Hythe Community's Consumption Footprint

The chart below shows the annual carbon emissions (measured in tonnes CO₂e₂) emitted as a result of the different activities that residents within Hythe boundary engage in from heating to eating in Hythe.



Territorial Footprint

The chart below shows that annual carbon emission (measured in tonnes) emitted as a result of activities taking place within Hythe town's boundary. While these figures should give you a reasonable indication of the major sources of emissions within the town's boundary, it should be noted that some sectors are difficult to apportion territorially. For example, emissions from international shipping are calculated for the whole country and apportioned to each town based on its population.



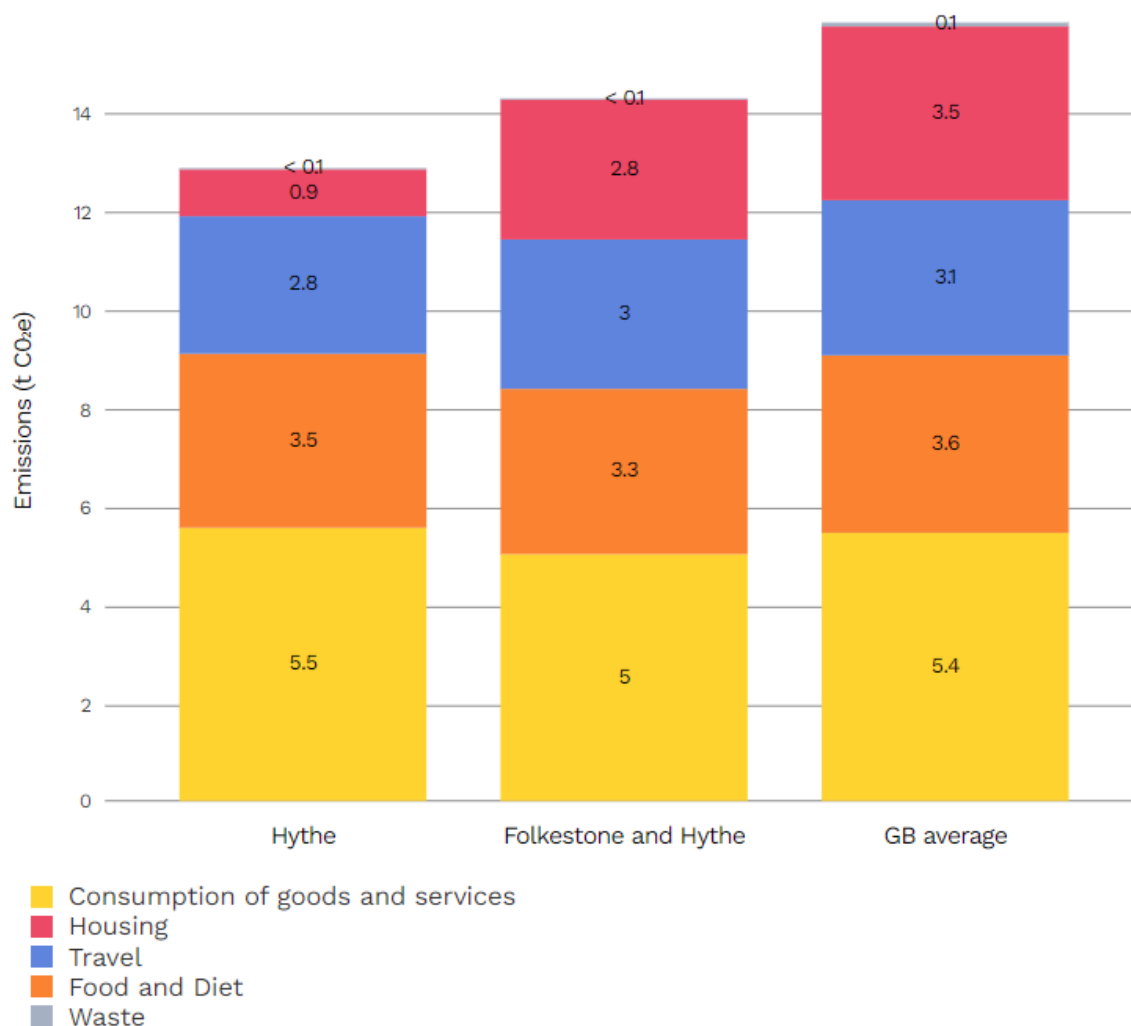
There are many ways housing can reduce carbon emissions emitted such as:

- Hugely reduced energy demand from buildings, including heritage assets
- Smarter and more flexible management of energy demand, including storage
- Decarbonised heat delivery
- New buildings and developments that achieve net zero emissions, including associated new transport

Area Comparison

Here is what the average consumption footprint at Hythe looks like per household, and how this compares with the district average and the national average. Note that these per household are averages. Many neighbourhoods may have very different per household consumption footprints.

Below is the average consumption footprint for Hythe looks like per household, and how this compares with the district average and the national average:



Sources: <https://impact-tool.org.uk/report?regionId=E04005020&geography=parish>

SUMMARY

Hythe Town Council has taken the first steps towards its goal, which is slowly starting to show. However, in order to be completely carbon neutral, further steps need to be decided on and taken.

RISK MANAGEMENT

A summary of the perceived risk follows;

Perceived Risk The Council do not action its Climate and Ecological Emergency

Risk Low

Likelihood Low

Preventative Action Council Officers continue to monitor the Councils carbon footprint and the Council continues to work towards achieving its goal.

CONTACT OFFICER

If you have any queries about this report please contact The Town Clerk and Responsible Financial Officer of the Council

Tel: 01303 266152 or email Clerk@hythe-tc.gov.uk prior to the meeting.