



# Cambridge Climate Change Charter

Anni Sander - Cambridge Carbon Footprint



# Cambridge Climate Change Charter

## Objectives

- i. build on the awareness raised by the Climate Emergency petition, the motion to Council and the protests by schoolchildren, to **increase understanding** in Cambridge of the **seriousness** of the climate crisis and the **need for action** by all sections of our community;
  
- ii. to **encourage businesses, organisations and individuals** to demonstrate their commitment to mitigating climate change by signing the new CCCC and secure **commitments to take action to reduce their carbon emissions** to contribute to the city's aspiration to be net zero carbon by 2050;

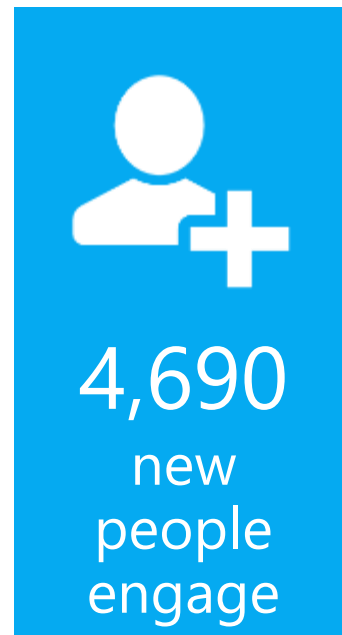
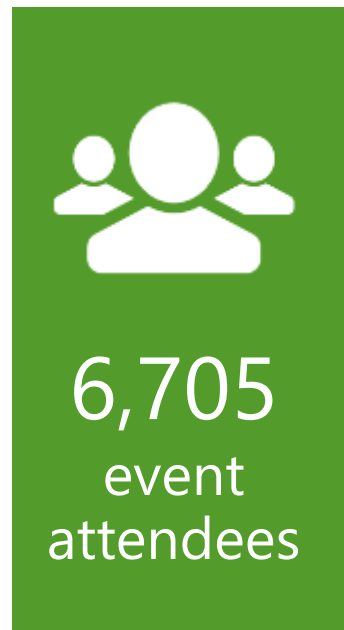
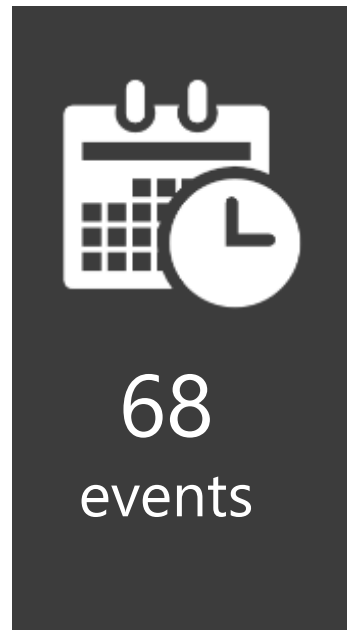


# Cambridge Carbon Footprint



# Cambridge Carbon Footprint

In 2019:



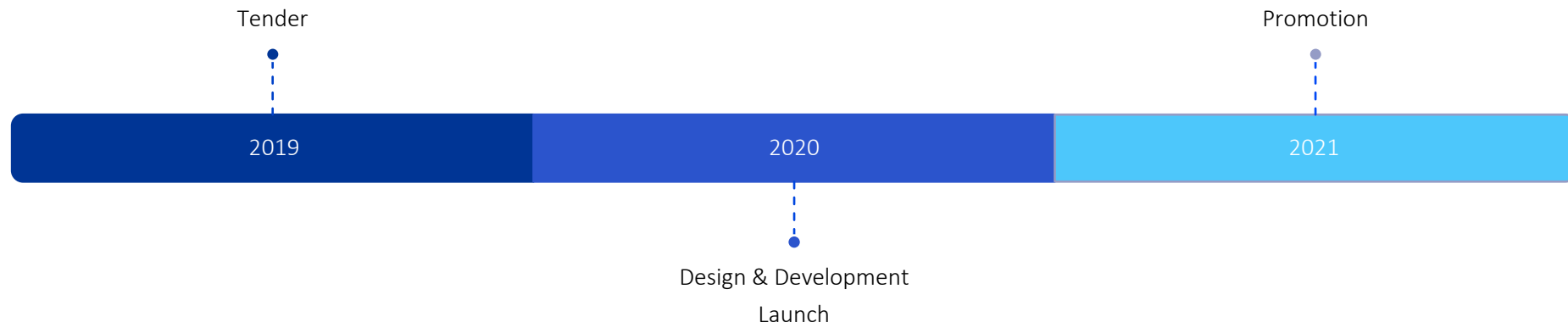
# Cambridge Carbon Footprint



Carbon reduction, through positive action and climate leadership



# Timeline



# Scope

## Deliverables

- Online Climate Change Charter for businesses, organisations and individuals actions to pledge
- Web-based information about the charter and the actions
- Communications campaign
- Public event/s to launch the charter
- Events to assist to deliver pledged actions
- Demonstrate progress using quantitative and qualitative means including number of signatories and an assessment of the estimated carbon savings





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# Sign the charter to become part of the solution



The Cambridge Climate Change Charter gives everyone the opportunity to find out more about their carbon emissions and how to reduce them, and to make a pledge to take action.

Sign up now to become part of the solution to the climate emergency.

Continue as an Individual or Household

Continue as Business or Organisation







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## Individuals and households



Every one of us can take steps to reduce our carbon emissions and make net-zero possible. 31% of emissions in Cambridge are from heating and powering homes and 20% are from transport, so any steps that you take to reduce your carbon footprint will make a contribution. You can use the carbon footprint calculator to better understand your emissions and then pledge to take actions, or you can go straight to the pledge itself.

Calculate your personal carbon footprint

Pledge action & sign the Charter



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## Businesses and organisations



Signal your desire to be part of a community pushing together to meet net zero by signing the Cambridge Climate Change Charter for Businesses and Organisations. Industry accounts for 49% of carbon emissions in Cambridge, businesses therefore have a crucial role to play in responding to the climate emergency.

Sign the Charter and pledge to take action



# Carbon Footprint Calculator



Almost everything we do creates carbon\* which, in excess, can damage our climate and environment. The following calculator helps you to find out how much carbon your habits produce.

[Calculate your footprint](#)



\*More on why and how we calculate carbon emissions can be found [here](#).

We'd like to credit the Carbon Conversations Calculator, developed by Andy Brown and Peter Harper, for some of the methods and materials behind this calculator, along with the team of expert CCF volunteers who built on this and other sources to create it.

This calculator is also licenced under the [Creative Commons Attribution-NonCommercial-ShareAlike 4.0 International License](#).

## Your Carbon Footprint



[Go Back](#)



Your footprint is

**3.19**

tonnes CO<sub>2</sub>e  
per year!



That's about the weight of  
**1 Rhino!**

Your breakdown

Your personal goals

### Your personal goals show your pathway to a carbon neutral future

These goals are based on the Committee for Climate Change recommendations.. You can find more information [here](#)



In order to fight the climate crisis we need to significantly reduce our carbon emissions - starting now!  
Sign the [Cambridge Climate Change Charter](#):

[Share](#)

[Join others in taking action!](#)

[Download](#)











Select at least one action to reduce your emissions and at least one to demonstrate climate leadership:

## Measure and reduce my emissions:


## Demonstrate climate leadership:

### Home Energy

(2) selected 











- Switch to a 100% renewable electricity tariff  ★★★★★
- Install solar panels  ★★
- Upgrade my windows to improve insulation  ★★
- Install wall insulation  ★★
- Insulate my loft  ★★
- Eliminate draughts  ★
- Review my household energy use regularly 
- Heat my house to a lower temperature and only when I need it  ★★
- Take fewer baths and shorter showers  ★
- Replace unrepairable white goods with extra efficient models  ★★

### Food

(1) selected 

### Transport

(2) selected 

- Walk or cycle instead of taking the car for one journey a week  ★
- Switch as many car journeys as possible to walking, cycling or public transport  ★
- Join or start a car pool for regular journeys like commutes  ★
- Make my next car an electric or hybrid  ★★★★★
- Join an electric car club  ★
- Sell my car(s)  ★★★★★
- Work from home more often or at a local co-working space  ★
- Don't fly for leisure in the next 12 months  ★★★★★
- Replace one holiday abroad with a UK destination  ★★
- Replace a long-distance flight with a shorter one  ★★★★★

### Shopping

(0) selected 

# Eat more plant-based food

Dairy and other animal products have a higher environmental footprint than many plant-based foods. Reducing them can have both environmental and health benefits.




Home Energy



Food



Businesses & Organisations



Climate



## Why?

Livestock are a significant contributor to food-related emissions. Meat, cheese and animal products generally have a higher carbon footprint than plant-based foods, with products from ruminant animals such as cows, sheep and goats having a particularly high climate impact. This is mainly due to the methane these animals release from digestion, a greenhouse gas which is 25 times more powerful than carbon dioxide in terms of global warming.

Cattle also require large amounts of land for grazing or to grow their feed. This is driving deforestation in many areas, which releases more greenhouse gas emissions, as well as leading to biodiversity loss.

# From Ambition to Action seminars



Three expert led seminars for businesses and organisations interested in implementing a carbon reduction action plan.

[Cambridge Carbon Footprint](#), in partnership with [Investors in the Environment](#) (iIE) hosted three, *free* expert led sessions for businesses and organisations looking for advice on how to get started on systematically addressing their carbon footprint. The series of online seminars was designed to introduce participants to the three key areas of an Environmental Management System (EMS).

You can now watch all three sessions free of charge, and download the slides.

49% of Cambridge's greenhouse gas emissions come from industry and commercial sources. We know there's a huge appetite from people within businesses and organisations to play a part in moving towards net zero, but many find it difficult to know where to begin. The 'From Ambition to Action' seminars should provide you with the confidence you need to start implementing a system that suits the scale and unique requirements of the organisation you represent and will signpost you to further support and expertise if needed.

## Videos and slides



### Understanding your organisation's carbon footprint

How to understand your organisation's environmental impact and calculate your carbon footprint.

Featuring:

- Simon Alsbury – Managing Director of Energise Ltd
- Clare Watters – Consultant with Investors in the Environment



### Setting targets and monitoring progress

How to create an action plan and/or environmental management system (EMS) and track your progress.

Featuring:

- Jane Varley – Manager of the Green Business Network
- Warren Pope – Retrofit Project Manager at RetrofitWorks



### Communication and engagement

How to effectively communicate your commitments and progress to internal and external stakeholders.

Featuring:

- Dr Jan Maskell – Occupational Psychologist at Training and Development Solutions
- Peter Gilheany – Director of



# So far

These individuals and organisations have signed the Charter and pledged to reduce their carbon footprint:

**Simon Saggars**



With the pledges in the Charter, Cambridge is set to save

**25.01t of CO<sub>2</sub>**

over the next 12 months!

Thank you.

