

Message from the team

We believe in transparency and accountability, and that all businesses should report their environmental impacts, not only large corporates.

One important step towards understanding these impacts is to conduct an audit of our work-related Greenhouse Gas (GHG) emissions.

Using the internationally recognised methodology ISO14064, we have calculated the GHG emissions generated through our business operations during the last financial year. This gives us a baseline to compare against and hopefully to improve upon next year.

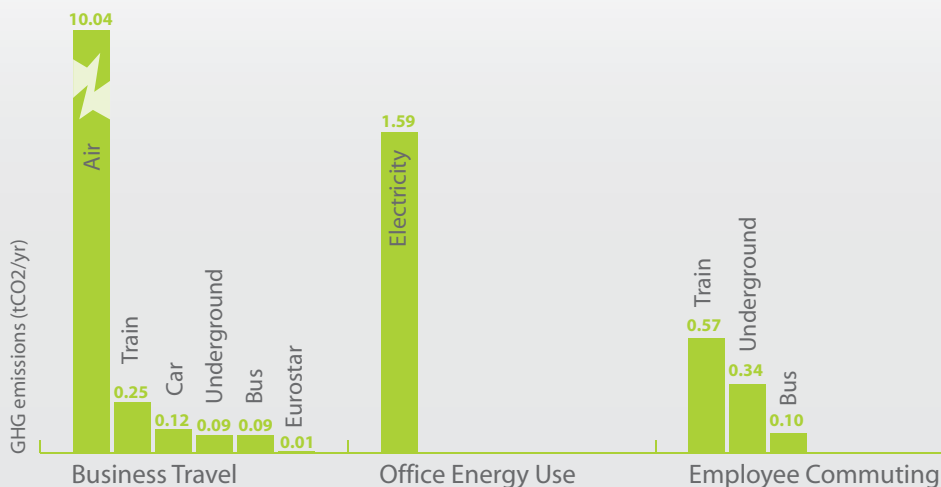
Scope of report

For our inaugural greenhouse gas inventory, we have reported on all of the information that was available to us. This constituted three major categories:

- Office energy use (only electricity use at this stage due to lack of data)
- Business travel
- Employee commuting

In an effort to reduce our GHG emissions, we are committed to producing an inventory on an annual basis. We will use this information to help focus our attention on areas that we can improve on and make changes to our business practises.

Our Impact



13.21 tCO₂ are our total recorded GHG emissions for Year 1.

As a comparison, one typical person in the UK emits 10.24tCO₂ annually.

21 kgCO₂/m² are our office electricity emissions, 2.5 times less than the CIBSE office benchmark of 52 kgCO₂/m²

44% of our employee commuting trips were either by walking or cycling. The rest was by public transport.

Our Contribution

As a low-carbon energy and engineering consultancy, all of our projects are responsible for reducing GHG emissions. Therefore, our direct emissions are more than cancelled by our impact on projects.

We also contribute to sustainability in the building industry and beyond by participating in collaborations to influence others to reduce their own emissions. Here are two initiatives in which we got involved during 2008:

CarbonBuzz

A RIBA and CIBSE-supported, free online tool to raise awareness of and benchmark energy in the building industry. XCO2e is a Project Partner and provider of technical input.

Grounds for Optimism

XCO2e is a partner in this initiative to help UK secondary schools plan innovative changes to their grounds. We will be the judges to their Green Award and will provide a free energy audit for the winning school.

4,506 tCO₂ are the expected annual GHG reductions from our likely-to-be-built projects from Year 1.

This corresponds to **341** times our direct emissions for the same period.

Additionally, **120,000** m²/yr is the total area of building portfolio and new-build designs owned or designed by the clients for whom we developed carbon strategies.