

RED BOX is now carbon neutral!

What does it mean?

For a company to be carbon neutral it needs to reach **zero net** carbon emissions.

Annually, RED BOX emits about 385 tonnes of CO₂ into the atmosphere – our carbon footprint. The largest contributions to this total come from the electricity we use and unsurprisingly our fleet of diesel vans.

There are two ways in which we can bring this total down:

1. We can take steps to reduce our carbon footprint. There are many technologies out there that can help us to reduce this total. We have already cut this figure to 269 tonnes by switching to a green electricity supplier.

Our energy supplier has pledged to generate the equivalent amount of energy that we use in hydro-electricity.

2. Offsetting – As a company we will always emit some carbon emissions. The recommended way of compensating for these is to invest in offset projects that make an equivalent carbon saving.

At RED BOX, our strategy is to take measures to further reduce our carbon footprint combined with a progressive offsetting strategy. The more emissions we cut in future, the less carbon we have to offset to reach carbon neutral status.

Investing in projects to save carbon

This year, in partnership with the CarbonNeutral Company we have purchased credits in carbon reduction projects around the world to offset 269 tonnes of CO₂. Our investment will help to deliver the following schemes:

Rhine-Ruhr Waste Gas Power Project, Germany

The project captures methane from three abandoned coal mines. Reductions equivalent to 385,000 tonnes of CO₂ will be achieved annually. Former coal mines release Methane which is 21 times more potent than CO₂. The project enables the methane to be captured and used to generate electricity and heat instead of being released into the atmosphere.

Sterksel Biogas Project, Netherlands

The methane released from animal waste from pig and dairy farming is normally held in large open lagoons. The installation of an anaerobic digester and Combined Heat and Power (CHP) plant enables the gas to be captured and used to generate clean energy for the local grid and heat for local buildings. In total it is estimated that the project will reduce CO₂ emissions by 35,000 tonnes. Additionally, the digested manure becomes a high quality fertiliser for cultivating crops.

Visit our website redbox.co.uk for more information on the other things we're doing to meet our environmental obligations.

