



Spotlight on...
carbon reduction

**CONSIDERATE
CONSTRUCTORS
SCHEME**

Case Study: C.F Construction

Improving Environmental Sustainability

C.F Construction made a conscious and dedicated decision to improve their environmental footprint. Through this, they have implemented multiple improvements in different areas of their business, aiming to improve their environmental sustainability.

VEHICLE EMISSIONS

C.F Construction tracks their vehicle emissions annually at MOT and their plant emissions are in the process of being tracked. In the years to come, they believe there could be scope for them to invest in green power/ electric power as JCB are currently designing electric plant machinery.

All of their company vehicles now run with AdBlue. This is a liquid solution which is fed into the exhaust and reacts with the nitrogen oxide gas produced by the combustion process, breaking it down into harmless nitrogen and oxygen.

They have also installed a fuel tank at their head office. This saves them multiple journeys to filling stations as well as time and energy.

WASTE

Recycling is key on their agenda. Their storage yard is sizeable, and due to this, they are able to buy surplus materials from other contractors who are unable to store them at their own sites. They try and save as many leftover materials as they can, even to the extent of hoarding items to be used at a later date.

They use "Skip It" to manage their waste and as their main recycling supplier. They recycle C.F Construction's wood and plasterboard and segregate items which cannot be recycled and send them to landfill. Other items which can be recycled, such as Hardcore, are processed by Plevin who crush the material so it is ready to be used again at a later date.

COMPOSTING

C.F Construction provides free fruit and water to their team, and use a composting unit at Head Office for all the peelings and scraps. To ensure that the scraps make it back to the yard without spilling everywhere, they provide biodegradable bags which are made of vegetable starch. These can be put directly into the composter without having to be emptied first.

DELIVERIES

C.F Construction has implemented different ways to reduce the carbon impact of deliveries. When buying weekly supplies, they bulk-buy to avoid making multiple resupply journeys. When sundries are ordered from Sainsbury's they request a 'green delivery'. This means that only delivery vehicles which are already in their area, during that slot, are selected.

NATURAL ENVIRONMENT

C.F Construction have utilised the rural location of their head office to great effect. They have planted leylandii trees to form a hedge to one side of their site. This aims to enhance their natural environment and to also promote wildlife. They also have five beehives on their farm which enable them to produce their own honey and support the dwindling bee population.

C.F Construction aims to reduce their carbon footprint further. To help with this aim, they have set four environmental objectives:

1. JOURNEYS TO AND FROM WORK

Objective: To have fewer vehicles based at the yard, but the same amount of operatives at work.

C.F Construction hope to achieve this by asking their team to share rides where possible. It would mean one pick up and drop off location, but in turn, this can save four people bringing their transport to the yard. This means less fuel emissions and more money saved.

2. CAB SHARING

Objective: To keep our vehicle usage to minimum to save on fuel and mileage.

C.F Construction tries to send as few vehicles as possible to site, which means using them as economically as possible. They ensure that each vehicle they use is holding the maximum amount of passengers. They also give a large amount of consideration to the size of the vehicle required.

3. BULK BUYING

Objective: To minimise deliveries where possible and to consolidate multiple orders.

Their procurement department has been tasked with trying to minimise multiple deliveries where possible.

4. PACKAGING

Objective: To be sent as little packaging as possible from orders placed.

They are currently in the process of asking their suppliers to send their packaging with as little plastic as possible, within reason. However, they understand that large companies may be harder to organise this with.