
CARBON MANAGEMENT POLICY

We aim to continually minimise and reduce our impact on the environment i.e. what we build, how we build it and the materials we use and this includes minimising our carbon footprint.

We have a number of published policies (Environmental, Sustainability and CSR) which all reference our commitment to carbon reduction backed by a comprehensive environmental management system accredited to ISO14001:2015. In addition we have a range of environmental strategies and achievable objectives that are relevant to our business and which are regularly reviewed and updated. Carbon Reduction is a key target in our ISO 14001 environmental 'Aims & Objectives'. Our target is for a minimum 10% reduction of our CO2 emissions (fuel and energy consumption) over a 5 year period.

Where possible we can input into the design process to consider the environmental risks and impacts (including carbon footprint) of designs and construction methods and consider alternative options, methods and materials. This will also consider operational and maintenance factors enabling the scheme cost benefit analysis to fully consider the shadow cost of carbon.

We promote the use of recycled materials, subject to approval and risks of cost, performance and supply - we need to ensure that using recycled products does not affect the design life or future integrity of the project.

We have a range of measures and improvement targets in place to target Carbon Reduction which we feel can be of benefit, carbon reduction objectives including:

- Reduce wastage in design i.e. overdesign
- Design works to reduce footprint if possible
- Developing a carbon 'ready reckoner' for designer/contractor for carbon content of materials and construction methods
- Construction – better planning and use of plant & transport, fuel efficiency (modern plant – right size), fuel additives, van sharing, programming deliveries, reduce part loads, use back loads
- Recycled content of projects – set minimum standards (% by value), aim to beat target, measure re-cycled content, calculate carbon saved, helps CSR credentials. Examples;
 - o Recycling soils
 - o Recycling road construction materials
 - o Use of recycled plastic products – pipes, kerbs, SUD's systems
 - o Use of steel products made from recycled steel
 - o Establish locally accredited supply chain of recycled suppliers
 - o Assess risks of using recycled products – lifespan, loadings etc
 - o Record by extending Materials Management Plans
- Reduce wastage in programme time on site – includes better management of 3rd parties
- Reduce wastage in construction
 - o Aim for more efficient methods
 - o Better programming
 - o Right supply chain
 - o Physical wastage – reduce wastage of materials e.g. tarmac
- Continuous monitoring of materials usage against targets
- Better re-cycling of surplus materials & use of re-cycled materials
- Target re-use of road construction materials & sub-soils
- Treatment opportunities for re-use of sub-soils e.g. soil modification
- Find beneficial re-use for surplus/waste materials
- Tipper transport (disposal off/stone & tarmac on) – big carbon cost, target savings by recycling soils and road construction materials
- Use a local supply chain and local employment where possible
- Use 'Find it local' initiatives.



D Cartwright, Construction Director

1st January 2024