

Introduction

PMC Construction and Development Services Ltd specialises in building high-quality residential properties. Based in Portsmouth, Hampshire, we operate predominantly along the South Coast of England. As a responsible contractor, we are committed to reducing our carbon footprint and contributing to a sustainable future for our communities.

As a considerate contractor we are constantly reviewing our impact on the environment and what we as a construction company can do to reduce our carbon footprint in our activities to help to reduce the impact on the environment and climate change.

PMC Construction & Development Services are ISO 14000 Environmental Certified.

Company Target Setting

PMC Construction and Development Services Limited have set short- term and long-term targets to reduce its carbon footprint.

Short Term Targets by December 2028:

- Consultants working with PMC [HGP Architects Ltd & Reuby & Stagg Ltd] have both committed to purchasing software that will deliver holistic reporting on embodied carbon for developments with PMC Construction with Sackville, Brighton being the first scheme.
- PMC will operate a combination of electric & hybrid vehicles for commuting between offices and construction sites. Hybrid vehicles will still be required due to the nature and size of the vehicles the we operate (Heavy Goods Vehicles Classes 1 & 2). We currently have in our fleet, 4 electric cars & 8 hybrid vans.
- Site based vehicles and plant are electric. We have 1 full electric fork lift; tower cranes are electric and all small plant.
- Target to eliminate all diesel usage on site
- Site Offices and Welfare facilities will have PV panels on the roofs to provide the required power to operate
- Encourage the use of public transport for travel between offices and construction sites where they are within walking distance of the drop off points
- Encourage car sharing when multiple people travel to the same site
- Encourage staff that do not have access to company vehicles to change vehicles to electric or hybrid.
- Install electric car charging points at corporate offices for free use to all staff
- Corporate offices to be paperless
- 50% reduction in paper usage on construction site

Long Term Targets:

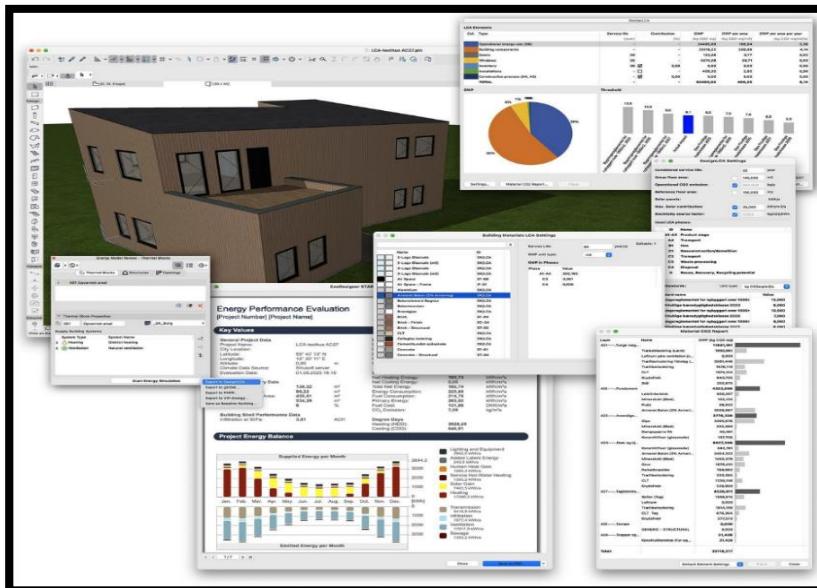
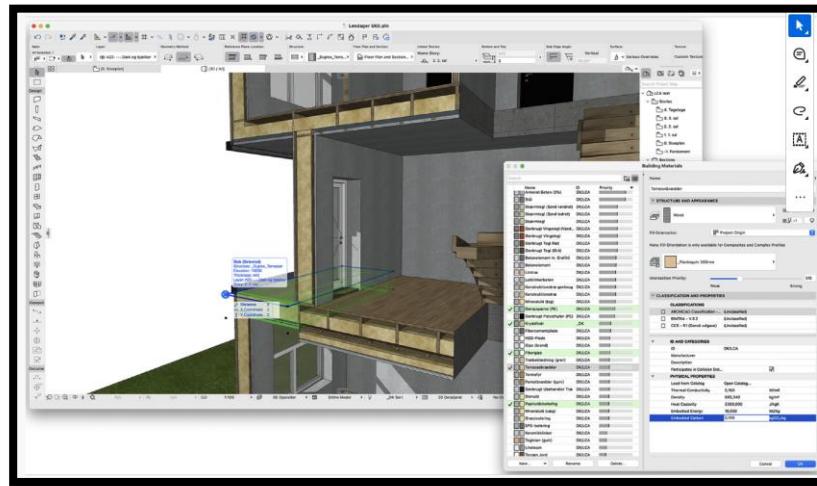
- PMC aim to be Net-Zero by 2050

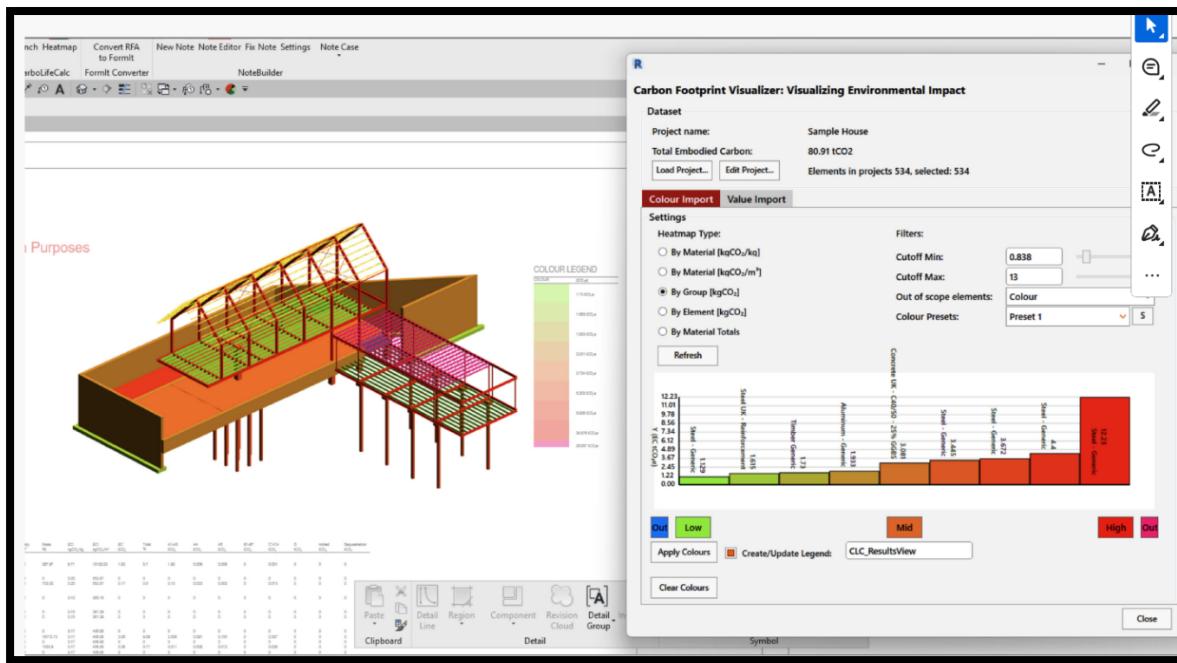
Science Based Targets

PMC Construction & Development Services are looking to technology to assist in the assessment of the design that will demonstrate the life time performance and impact of the homes on the environment.

From January 2025 software, similar to the examples below will be used on all new developments to indicate the products used in the homes and the lifetime impact of the material.

Below are examples of the software being considered:

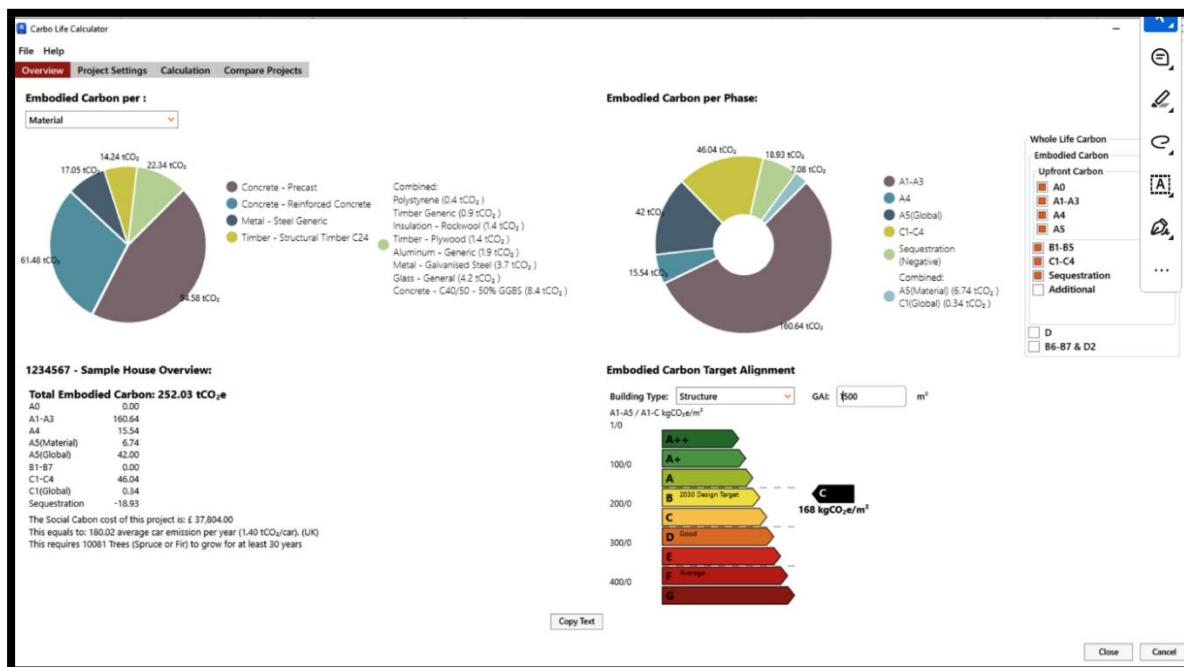




Using the above examples, reports can be produced that show:

1. Embodied Carbon per material
2. Embodied Carbon per phase
3. House/Apartment Overview for performance
4. Carbon target

The reports will be in a similar format as below, driven by the data from the above information.



The use of the software within our design will help us to target our carbon reduction to achieve the following:

- 30% Reduction by 2030
- 70% Reduction by 2040
- 100% Reduction by 2050

Carbon Footprint Assessment

Baseline Measurements

Data Collection

PMC Construction & Development Services monitor activities as follows:

- PMC employ Smartwaste, producing reports highlighting waste trends and quantities. This data can then be analysed to establish if more appropriate control measures can be employed
- Monitoring vehicle movements, via vehicle trackers to ensure vehicles are being driven economically
- Actively encourage the monitoring of waste by the supply chain, requesting monthly reports for evidence

Reduction Strategies

PMC in the planning to reduce the company carbon foot print and ultimately achieving Net-Zero will consider the following:

- Installing smart meters so power storage can be monitored in corporate and site offices
- Ensure only essential lighting is left on during out of hours
- Solar and PV panels on all site welfare facilities
- Consider the installation of wind turbines to provide power for use around site and in the welfare facilities in the winter months
- Hire environmentally friendly site office accommodation with greater insulation and double glazing
- Consider different fuel types for running of vehicles i.e. electric, recycled cooking oils
- Targeting the use of local suppliers and manufacturers to avoid unnecessary emissions from vehicles
- Continued monitoring of waste streams, and selecting alternative materials to reduce waste
- Actively encourage the supply chains for continual improvement of transport and material

Offset Programmes

PMC will review each project on an individual basis to ensure all that can be done to reduce emissions is considered. If a particular development would benefit from additional measures, then these will be considered

As part of an offset strategy PMC will explore the possibility of accelerating the landscaped areas to an earlier stage in the programme. This will lead to more established landscaping at the time of handover/ project completion.

Monitoring/Supply Chain Engagement

PMC is committed to continual monitoring of the performance of the strategies engaged. This will be done by:

- A focus group to meet every 6 months to review the current policy, consider its effectiveness
- Discuss and consider implementation of new strategies
- Produce effect reports for the supply chain, highlighting good and bad points.
- Produce an annual report for publishing on the company website.
- Working with other industry professionals / consultants and suppliers