Carbon Emissions – Plant & Van Idling

MV Kelly is a leading groundworks and civil engineering company committed to sustainability.

We are taking proactive steps to address carbon emissions within our operations.

We refer to idling as the unnecessary running of construction equipment (plant) and vehicles (vans) when they are not actively being used for productive work. This could include leaving heavy machinery like excavators running without actively working on a task. Similarly, van idling might involve vans running their engines whilst parked (often for comfort such as warm/cool air).

MV Kelly recognise the detrimental impact of idling on the environment, public health, and financial resources. We are committed to promote a culture of sustainability through idling reduction strategies. This will be demonstrated by analysing idling hours and cost savings by region along with providing training and incentives to workers to encourage behaviour changes to support our positive impact to reduce emissions. By sharing our journey towards idling reduction success, we aim to inspire others in industry to follow suit and contribute to a more sustainable future. Our commitment is to achieve one third reduction by 2030.

Our Results

This year all our regions have been competing to reduce their carbon emissions by tackling their plant and van idling.

We completed a 6-month trial to reduce our idling and our results below:

In a six-month period, we have reduced our plant idling by 25% and our vans by a staggering 60%!!

What impact does this have?

The total carbon saving annualised is 682 Tonnes!!

And this equates to the good work of 27,000 trees (this is twice as many in Kew Gardens or 34 acres of planting)

Reduction in kg Co2 / unit per day	2.98
Number of units	954.00
Co2 reduction per day (kg)	2,842.92
Co2 reduction per year (kg) *48 weeks	682,300.80
Tonnes of Co2 saved / year	682.30