|  |  |  |
| --- | --- | --- |
| **Tackling Climate Change****Tackling Climate Change**The UK aims to be a net zero emissions economy by 2050.At MJ Quinn we are actively reducing our emissions by being more efficient in energy consumption, opting for climate friendly technologies and energy supply, and working with suppliers and customers to curb their emissions.**Our performance**11.7%Reduction of our carbon footprint for Q4, 2021With……543.72 tonnes CO2e saved since May 2021 from our operations since the new sustainability plan was put into action. |  **Cutting carbon for clients**  The Department for Business, Energy and Industrial Strategy recently published a two-year study concluding that up to 10% of all electricity consumption in the UK is for cooling.  Our expert team at Qe solutions are very much part of the solution, specialising in design and provision of the most energy efficient cooling solutions.**Case study:** Telecoms Cooling**The challenge**Nationwide upgrade of over 10,000 cooling units with the aim of achieving significant energy savings and reducing environmental impact of their premises.**Solution**The solution, designed by the Qe team, was the Qe Fresh Air Direct Adiabatic (FADA) Cooling unit. The FADA unit utilises external cool air, natural thermal gradients, and offers accurate temperature control.**Project delivery**4500 FADA units installed each delivering an average reduction of 5.13kW consumed per hour. | **Results** **Energy consumption**202.5 million kWh Saved per year**Running cost**£132 million Saved for the period 2014 - 2021**CO2 emissions**  |