



Alucast

ABOUT THE COMPANY

Alucast, the sand, gravity and pressure casting manufacturer, was originally formed in 1967, as a sand-casting business making aluminium castings with 5 employees.

Acquisition of another casting business in 1973, which was also operating in the sand-casting sector significantly grew the business.

WHY DID THEY WANT TO PARTICIPATE IN THE PROGRAMME?

Energy is a big cost for the company making up over 10% of total business costs. They have seen increases in energy cost of 100% in gas and of 200% in electricity. They wanted to understand their

consumption better at machine level and help to minimise costs. As with all other sectors pressure is now starting to be applied to get the business to decarbonise and provide scope 1, 2 & 3 information. The company wanted to use this programme to learn more about this area and to better understand the task ahead.

HOW WERE RISING ENERGY COSTS IMPACTING THE BUSINESS?

Rising costs for the business and the sector in general has led to difficult trading conditions in the industry at the moment and meant that the business was limited in its available capital for upgrading equipment and improving energy efficiency.

WHAT IS THE POSSIBLE IMPACT OF IMPLEMENTING THE RECOMMENDATIONS FROM THE ASSESSMENT?

As a result, Alucast expect to save 1,083,205 kWh of energy, 218.17 tonnes CO₂e (carbon dioxide equivalent) and over £148,109 per annum.

“Our company was helped by Pro-Enviro which offered comprehensive advice to the company. They took an analysis of unproductive energy use and monitored half hourly data. This gave a clear indication of significant wasted energy. They also helped us in the grant application process which made the whole process of application for funding rather painless.”

Tony Sartorius - Chairman



Pro Enviro

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