

Carbon Reduction – Key Features

TrinityHorne.

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ABOUT CARBON REDUCTION

Most organisations think that going green is expensive. The opposite can be the case. In collaboration with our clients, we have not just reduced CO₂ emissions but realised substantial cost reductions at the same time. Our approach is made up of three phases;

- Analytics
- Measurement
- Behaviour Change (organisation alignment)

The amount of data and information produced by an organisation on asset utilisation is vast. Understanding the key drivers that affect energy consumption across the end to end process is vital. What drives a process to consume more energy during different conditions? What information needs to be measured?

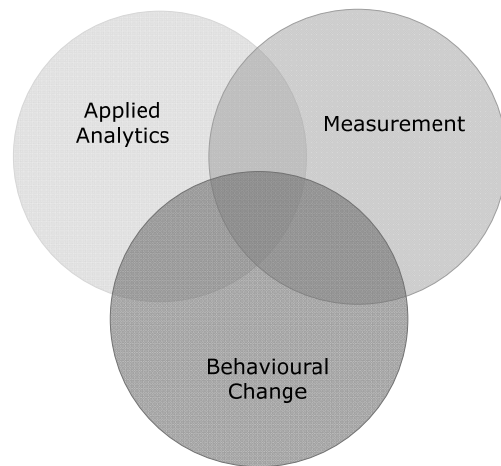
Making sense of these datasets is where Trinity Horne expertise can help. In conjunction with our clients, Trinity Horne has developed a unique analytical approach to examining consumption raw data with the purpose of drawing executable improvement conclusions from that information. At its heart is a powerful suite of statistical analysis and modeling tools complemented by in-house content expertise, real world process disciplines and pragmatism.

We work with experts within an organisation to identify all of the factors and variables that might influence the carbon reduction objectives. Then we capture all available raw data – not just the well-formatted and well-known datasets, but also the poorly-formatted and little-known local records and files that provide rich additional insights. These give steer to the valuable information that needs to be measured and trended.

The outputs of the analysis will lead to clear executable actions that can be used to reduce energy and carbon usage. In order to ensure that these improvements are implemented and sustained, Trinity Horne will ensure that the right leadership commitment is in place by implementing a proven Behavioural Change Programme - MasterCoach[®]. This is a performance improvement programme designed to equip managers with the confidence to drive carbon reduction commitment through their staff.

This unique approach by Trinity Horne not only reduces carbon consumption through better operational practices but also changes the behaviours of the managers and process operators through the behavioural change programme.

Carbon Reduction



BENEFITS

Determining where and which assets to optimise is the key outcome of this rigorous approach. Through asset optimisation, both at a local and regional level, our clients have realised the following benefits:

- Reduced Carbon footprint
- Reduced Opex costs
- Identify assets (type and age) that should be replaced through capital investment
- Support compliance and monitoring of national / international legislation (e.g. EU ETS and CRC Energy Efficiency Scheme)
- Contribute to overall company goal to reduce its carbon footprint
- Improved customer satisfaction and shareholder return

SAMPLE CASE STUDY

Leading UK Water Company – identified an annual reduction of 10,000 metric tons of CO₂ through optimising electricity and chemical usage across the clean water network while identifying £4m in operating savings to boot

To understand more about how this approach might benefit your organisation, contact Trinity Horne at info@trinityhorne.com