

# IT'S ALL WORKED OUT VERY WELL

**ERIKS UK HAS WON A PRIZE IN THE LATEST SUSTAINABILITY RECOGNITION AWARDS FROM SAINT-GOBAIN, THE FRENCH BUILDING MATERIALS MANUFACTURER, FOR ITS TOTAL COST OF OWNERSHIP (TCO) CALCULATOR.**

The Calculator – developed by ERIKS to help companies reduce their energy consumption, carbon footprint and overall ownership costs – was recognised in the award category 'Tackling Environmental Challenges', and was praised by the judges as 'a stand-out from the pack'.

#### Better-informed decisions

The ERIKS TCO Calculator is a piece of software designed to assist engineers in evaluating whether to repair or replace their electric motors.

The user enters relevant data about their current motor, and the TCO Calculator works out the comparative energy use and amount of CO<sub>2</sub> produced if the motor was repaired, changed for an IE2 motor, or changed to an IE3 motor.

In calculating the TCO, the Calculator takes into account not only the repair or purchase

cost and the annual running cost, but also the Enhanced Capital Allowance claim value and the end-of-life scrap value. The result is a set of figures enabling users to make an informed and totally data-based decision. Because the Calculator provides a comprehensive set of measurements – not just the TCO – users can also see which choice will help them to achieve other internal targets they may have – such as carbon reduction, for example.

#### Real-world success

For the Saint-Gobain Awards, ERIKS had to demonstrate how the innovative TCO Calculator helped to minimise environmental impact and – in addition to the environmental benefits – had to show the economic impact and/or cost savings associated with the project.

ERIKS' award application included a case study for British Gypsum Barrow. This showed how the TCO Calculator presented the company with the data they needed to make the most efficient and ecologically sound decision about its electric motors.

Based on the data, British Gypsum Barrow decided to discontinue use of its current motor, and made significant financial savings. The data from the Calculator also revealed that if British Gypsum Barrow

upgraded to IE3 motors, they could save approximately 40 tons of CO<sub>2</sub> and considerable energy costs over seven years.

#### Rolling out

In making their award, the Saint-Gobain judges not only stated that the ERIKS project stood out from the others, but also that it...

**...demonstrated clear benefits across all three pillars (Social Commitments, Environmental Challenges and Economic Growth). Under Environmental Impact in particular, this tool can clearly demonstrate whole life impact across machinery replace/repair options.**

With the proven success and independent recognition of the TCO Calculator, ERIKS UK is now planning to deploy the tool across all British Gypsum sites, as well as making it available to its entire customer base.

# Now it only takes 5 minutes to find out 5 years' ownership costs.

**Before you spend money on repairing or replacing a motor, spend a few minutes finding out its Total Cost of Ownership.**

The ERIKS Online Motor Calculator gives you a comparative TCO for repairing your existing motor, or replacing it with an IE2 or energy-efficient IE3 motor. It also tells you the new motor's carbon footprint over 5 years, the cost savings you can achieve, and even its eventual scrap value.

With these facts and figures at your fingertips, you can make an informed decision to repair, or replace. And because ERIKS are equally expert at both, your next step will take even less time to work out.

**SUBMIT**

**IE3**

**IE2**



You'll find the **ERIKS Online Motor Calculator** at [motordemo.eriks.co.uk](http://motordemo.eriks.co.uk)

**ERIKS**

