Newport, United Kingdom  
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Roadmap to energy efficiency:  
Making British industry sustainable

To help UK manufacturers cope with increasing energy prices and environmental regulations, industrial automation software expert COPA-DATA has published a white paper containing useful guidance for companies eager to reduce energy consumption. [The ‘Roadmap to energy efficiency’ white paper](http://www.copadata.com/fileadmin/user_upload/cms/pdf-creator/files/roadmap_to_energy_efficiency_wp_en.pdf) can be downloaded from the COPA-DATA website.

The implementation of the [Energy Savings Opportunities Scheme](http://www.carbontrust.com/resources/guides/energy-efficiency/energy-savings-opportunity-scheme-esos) (ESOS) has forced all large UK businesses to make energy efficiency a priority in the long term. The scheme mandates that all large enterprises need to organise comprehensive assessments of energy use and energy saving opportunities at least once every four years.

Similarly, since its introduction in 2011, the ISO 50001 standard has become increasingly popular with UK companies. The certification is a clear commitment to the continuous improvement of energy efficiency and results in the development of a company-wide energy management system.

“The number and rigour of mandatory environmental measures is on the rise,” explains Martyn Williams, Managing Director of COPA-DATA UK. “Add to this the staggering complexity of optional energy certifications and you have a confusing mix that makes some companies postpone becoming energy efficient.

“COPA-DATA wanted to provide a short and clear guide of what companies could do to reduce their energy usage in the long run. In our experience, this is only achievable if a reliable, flexible energy management system is put in place.

“Gathering and analysing relevant production data to create energy key indicators and set realistic energy objectives is the first step towards energy efficiency.”

More in-depth information on energy management in compliance with ISO 50001 is available on the [COPA-DATA website](http://www.copadata.com/iso50001).

**About COPA-DATA**

COPA-DATA is the technological leader for ergonomic and highly-dynamic process solutions. The company, founded in 1987, develops the software zenon for HMI/SCADA, Dynamic Production Reporting and integrated PLC systems at its headquarters in Austria.

zenon is sold through its own offices in Europe, North America and Asia, as well as partners and distributors throughout the world. Customers benefit from local contact persons and local support thanks to a decentralized corporate structure.

As an independent company, COPA-DATA can act quickly and flexibly, continues to set new standards in functionality and ease of use and leads the market trends. Over 80,000 installed systems in more than 50 countries provide companies in the Food & Beverage, Energy & Infrastructure, Automotive and Pharmaceutical sectors with new scope for efficient automation.

**About zenon**

zenon is COPA-DATA’s highly versatile product family for industry-specific ergonomic process solutions: from sensors through to ERP. It consists of zenon Analyzer, zenon Supervisor, zenon Operator and zenon Logic.

zenon Analyzer provides templates to create tailor-made reports (e.g. on consumption, downtimes, KPIs) based on data from IT and automation. zenon Supervisor, an independent SCADA system, allows comprehensive process monitoring and control of redundant systems, even in complex networks and with secure remote access. zenon Operator guarantees, as an HMI system, safe control of machines and simple, intuitive operation – including Multi-Touch. zenon Logic, which is an integrated IEC 61131-3-based PLC system, allows optimum process control and logical data processing.

As a platform-independent portfolio for process solutions, the zenon Product Family integrates smoothly into existing automation and IT environments and provides set-up wizards and templates to enable easy configuration and simple migration from other systems. The principle of "setting parameters instead of programming" is a characteristic feature of the zenon Product Family.

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