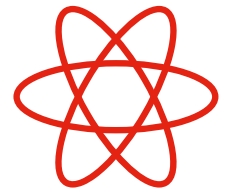


ISO 50001:2011

How your organization will benefit



Executive Briefing

ISO 50001:2011 Energy Management System is a sustainable business tool that helps organizations implement a flexible and robust energy management system (EnMS). ISO 50001 will help your organization understand how you're using various types of energy and identify realistic ways of reducing consumption, emissions and costs. The international standard outlines energy management practices that not only save your organization money today, but also in the long term; all while helping shield your bottom line from the increasing cost of energy. ISO 50001 also shows your commitment to reducing environmental impact which can help you stand out from your competition and earn new business.

ISO 50001

ISO 50001 provides cost, compliance and customer perception benefits to organizations around the world. BSI clients that have embraced ISO 50001 report first-hand that they've gained the following business advantages:

- **85%** Regulatory and industry compliance
- **77%** Reducing business costs
- **46%** Waste/defect reduction

Released in 2011, and containing 4 key clauses, ISO 50001 is based on the management system model of continual improvement. The standard provides a framework of requirements for organizations to:

- Develop a policy for more efficient use of energy
- Fix targets and objectives to meet the policy
- Use data to better understand and make decisions about energy use
- Measure the results
- Review how well the energy policy is working

Leadership

The standard requires significant involvement by your leadership team to make sure it's effective. These changes will ensure compatibility between the energy management policy and the organization's strategic direction. This alignment will improve the performance of the EnMS reducing consumption, waste and costs across the organization.

Risk Management

The volatile nature of energy supply suggests that a pointed focus on reducing consumption would, in turn, improve an organization's resilience by reducing energy demands.

At the organization level, energy is no longer just about reducing costs or environmental impact, it's also about:

- business continuity
- resilience
- achieving of overall strategic business objectives
- ability to deliver stakeholder value.

Compliance

As various countries and/or municipalities begin to outline their plans for lowering emissions, ISO 50001 certification may be a means of meeting compliance regulations. Given the global nature of ISO standards, ISO 50001 certification is a logical option for governments and regulatory agencies to adopt as de facto compliance as they plan and implement their reduction strategies.

Plan, Do, Check, Act

The Plan-Do-Check-Act (PDCA) cycle is the operating principle of ISO management standards. By following this cycle, you can effectively manage — and continually improve — your organization's energy use.

Plan: Establish objectives and draft your plans

Do: Implement your plans

Check: Measure and monitor your actual results against your planned objectives

Act: Correct and improve your plans to meet or exceed your planned results

BSI provides a unique combination of products and services to support the adoption of ISO 50001:2011.

To find out more about how BSI can help you, visit: bsigroup.com/en-za

Top tips on making **ISO 50001** effective for you

Every year we help tens of thousands of clients. Here are their top tips.

Top management commitment is key to making this a success.

“Executive support was vital, enabling the financial backing to pay for training costs of implementation.”

Tony Waters, Managing Director, Solo Cup Europe

Keep staff informed of what's going on, create a team or assign a champion, as this will increase motivation. This could include a well communicated plan of activities and timescales.

“Energy savings require the commitment of... the whole workforce. There ideally needs to be a champion in the organization who can drive change and savings.”

Brian Haslam, Quality, Environmental and Energy Manager, Camfill Farr

Think about how different departments work together to avoid silos. Make sure the organization works as a team for the benefit of customers and the organization.

“Everyone involved in energy should attend; from energy purchase, utility operation and generation to plant operations and maintenance.”

Mike Thornhill, Managing Director, Thornhill Heat Exchangers

Review systems, policies, procedures and processes you have in place – you may already do much of what's in the standard and make it work for your business.

“A lot of people were doing the right things anyway, but the training gave them greater insight and information.”

Tony Waters, Managing Director, Solo Cup Europe

Speak to your customers and suppliers. They may be able to suggest improvements and give feedback on your service.

“It is really important to make our energy saving results meaningful to our customers.”

Sophie Hutchinson, Sustainability Manager, Morgan Lovell

Train your staff to carry out internal audits. This can help with their understanding, but it could also provide valuable feedback on potential problems or opportunities for improvement.

“I can carry out external audits in quality and food safety at our suppliers' premises, and that drives great improvements to our business as a result.”

Denise Graham, Technical Manager, Tata Global Beverages

And finally, when you gain certification celebrate your achievement and use the **BSI Assurance Mark** on your literature, website and promotional material.

