

ENERGY MANAGEMENT

KEY ENABLER FOR BUSINESS PERFORMANCE

Energy saving initiatives in the Industry have not always delivered the results expected. It should be easy – the tools and techniques behind energy efficiency are known and can often offer attractive financial benefits. Nevertheless Industry does not move on fast enough to new higher levels of Energy Efficiency. Why?...

Manufacturing sites' energy performance are driven by a large set of (sometimes conflicting) factors:

- Operational considerations;
- Equipment Maintenance and availability;
- Technology and Design;
- Cultural and Competency issues.

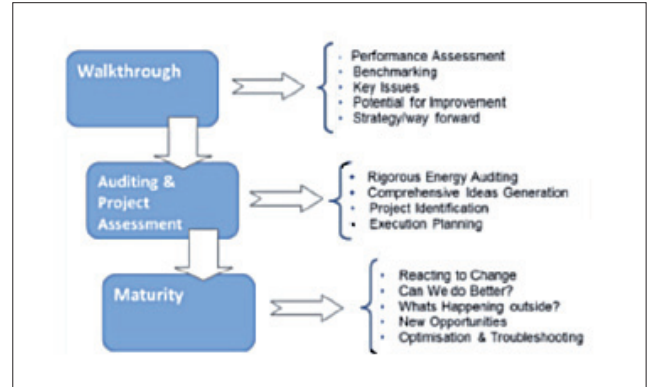
The challenges are complex - there is no single instant solution. Energy efficiency requires attention across the board involving a combination of technology and a systematic, procedural approach that is encapsulated in the Energy and CO2 Management Standards (e.g. ISO50001).

EPS Customer Solutions has extensive experience in supporting clients with Energy Efficiency and opportunity assessment programs, and in developing robust strategies and systems to secure long term Performance. This is based on many years of leading edge practical and operational experience with some of the World's major industrial companies.

HOW CAN EPS HELP CUSTOMERS IN THE DRIVE TOWARDS SUSTAINABLE ENERGY EFFICIENCY?

EPS has developed a fit-for-purpose, multi-layer methodology and tools to deliver energy consultancy services, from performance assessment (through high level walkthroughs and management health-checks) to improvement solutions (through detailed idea generation and project development).

A customised approach is developed with each individual client to best meet client needs and constraints.



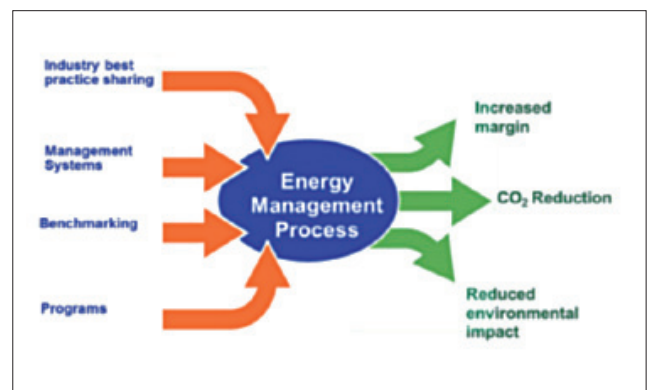
BENEFITS

The actual financial benefits from energy efficiency initiatives are typically savings in the order of 3-8 % on total Site energy consumption, generally achieved within 2 years after the study.

Thanks to EPS consultants in-depth understanding of the client's production processes, product upgrading or unit debottlenecking benefits can be identified and come on top, often exceeding the Energy efficiency benefits.

However benefit erosion can be significant and projects can fail to return their potential over the long term. The EPS Energy Management approach and implementation support aim at providing sustainable benefits such that the reported gains are fully realised and locked.

This process provides the foundation for a fully integrated approach to energy efficiency and greenhouse gas emissions control.



EPS → Effective, Profitable, Sustainable

OUR CLIENT BASE

We work with both end-user Industrial clients as well as EPC Contractors, Controls and Systems Suppliers and other service providers who wish to enhance their product and service provision with specialist Energy Management support.

OUR SERVICES

- Energy Effectiveness Assessment;
- Energy Pathfinders and Auditing;
- Energy Strategy Development;
- Specialist Product and Service Development for Engineering and Controls providers;
- Coaching/mentoring to Industrial End Users in developing Energy Management Processes.

Our alliances with specialist process engineering providers enable complementary implementation support in the field.



OTHER ENERGY SERVICES

Supporting the assessment and performance review process a full series of supporting services are available. These include:

- Specific energy issue consultancy in areas such as Combustion and Utilities modelling and optimisation;
- Training - from Management through to operational;
- Training on combustion techniques. Workshop design and facilitation;
- Support to development of formalised Energy Management standards such as ISO50001;
- Support for European Energy Efficiency Directive Compliance.

CONTACT

EPS Customer Solutions B.V.

Please contact:

Diederik Visser

Office: +31 (0) 71 82 00 121

Mobile: +31 (0) 61 24 51 707

Email: diederik.visser@epsconsultancy.com



Customer Solutions

www.epsconsultancy.com

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