

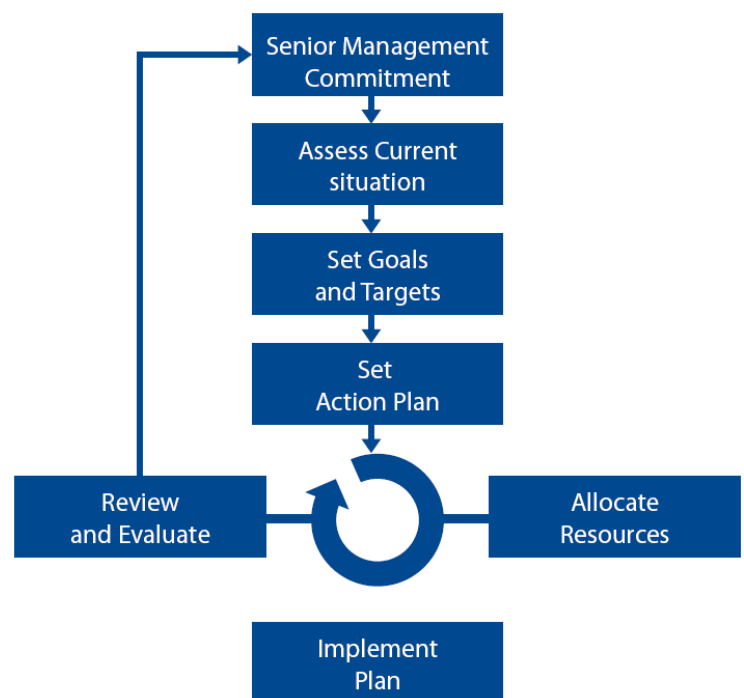
Energy Management Systems

Energy management has traditionally been a fairly haphazard affair although successful due to the heroic efforts of a small number of enthusiasts. It is now evident that an effective energy management system allows a plant to minimise and sustain its energy use if the process is approached in a systematic and controlled manner.

The high level of support accorded them by SEI demonstrates the importance of energy management systems.

Eirdata provides expertise and assistance with the implementation of effective energy management systems, including IS393:2005. In our experience a systematic approach to energy management pays big dividends.

Eirdata has supported a number of industrial clients in successfully achieving and maintaining certification to IS393 and are currently working with a number of others.



Benefits

- Focuses attention and resources on the most significant energy users
- Enables rapid identification and correction of variances from optimum performance
- Maximises energy and cost savings at low cost when measured against capital investment.
- Ensures that staff are trained on the energy impact of their roles.
- Provides transparent information on the status and success of the energy management programme.
- Facilitates accurate prediction of energy needs in future years.
- Eases the process of compliance with IPPC licensing and other external requirements

Methodology

1. Work with clients to ensure senior management commitment to the energy management process
2. Establish energy map for the facility showing where energy is being used and identifying major users
3. Identify energy saving opportunities, plan and track their implementation and verification
4. Monitor ongoing energy use
5. Training and awareness programmes
6. Regular management review

What we offer

- Systematic approach to designing and implementing tailored energy management systems.
- “Off the shelf” proven documentation system.
- Ongoing support with the operation of the system when required.
- Experienced systems and technical personnel with commitment to energy improvements
- Training support for the operation of the system and also for the technical aspects of operating energy using plant and equipment.
- A balanced approach which maximises the energy savings while minimising the bureaucracy involved.

Related Services

Our other energy management services dovetail with the requirements of an effective energy management system.

These include:

- Energy audits
- Training services
- Retro-commissioning services
- Carbon Management Programmes
- Renewable energy feasibility studies
- Monitoring and Targeting

Energy Service Company of the Year - 2007

Eirdata is an energy consultancy based in Cork, Ireland. We have clients in Ireland, UK, Italy, Europe and China. Many of our clients are multinational organisations.

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