

ENVIRONMENTAL MANAGEMENT SYSTEMS

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Develop environmental policies and reduce environmental impacts caused by products, services and activities

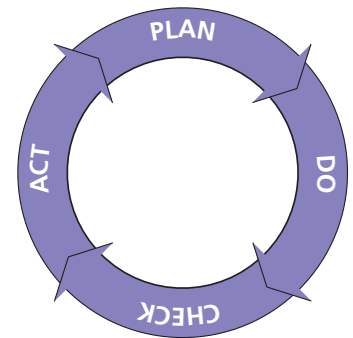
An Environmental Management System is part of the overall management system of Companies, Organizations and Governmental Bodies, which includes organizational structure, planning activities, responsibilities, practices, procedures, processes and resources for developing, implementing, achieving, reviewing and maintaining, their environmental policy. EMSs provide a framework for managing environmental responsibilities, including regulatory compliance.

By improving overall environmental performance and placing more emphasis on pollution prevention, EMSs can also help organizations move beyond compliance and improve their competitiveness.

While smaller businesses can achieve similar benefits as larger entities from implementing EMSs, they often lack the necessary resources to do so, whether it be time, expertise or simply knowledge of where to turn for technical assistance.

At the same time, the greatest need for environmental improvement in European business is most likely in the millions of small businesses that comprise a large fraction of the economy and of jobs.

The Environmental Management Research Group of the University of Bologna helps small and medium sized Companies and Municipalities to adopt EMSs by providing effective technical assistance and information management.



Deming cycle (PDCA)

Keywords:

- Management systems
- Pollution reduction
- Legal compliancy

Target groups

- SME
- Municipalities
- Manufacturing Plants
- Airports





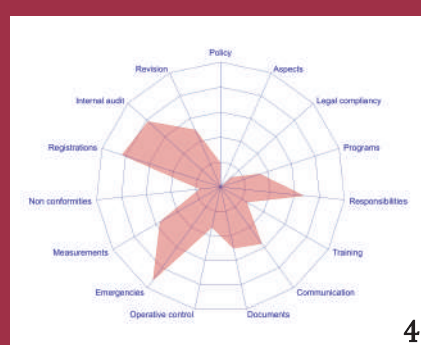
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1. Web-site based management tool
2. Actions and deadlines
3. Site inspection
4. ISO 14001 Gap Analysis
5. Identification of critical points

Services and equipments:

- Gap Analysis
- EMS implementation
- Document management
- Analysis of environmental aspects
- Legal requirements
- Deadline management
- Integrated web-based management system
- Energy management
- Consultancy and follow-up after certification

Your benefits:

- Material fluxes optimization
- Lower energy consumption
- Control of deadlines
- Environmental law compliancy

References:

- EMAS certification of the municipalities of Brisighella, Casola Valsenio and Riolo Terme (Ravenna Province)
- ISO14001:2004 certification of Palermo Airport
- Large scale events - Musical Festival Rototom Sunsplash (Osoppo - Udine)