



# **MPCEE**

## Striving to Protect the Environment

**ISO 14001 - 2004**

for Environmental Management Systems

*Presented by **Martin Parr***

# MPCEE

## Introduction and Overview

- Who am I?
- What do I do?

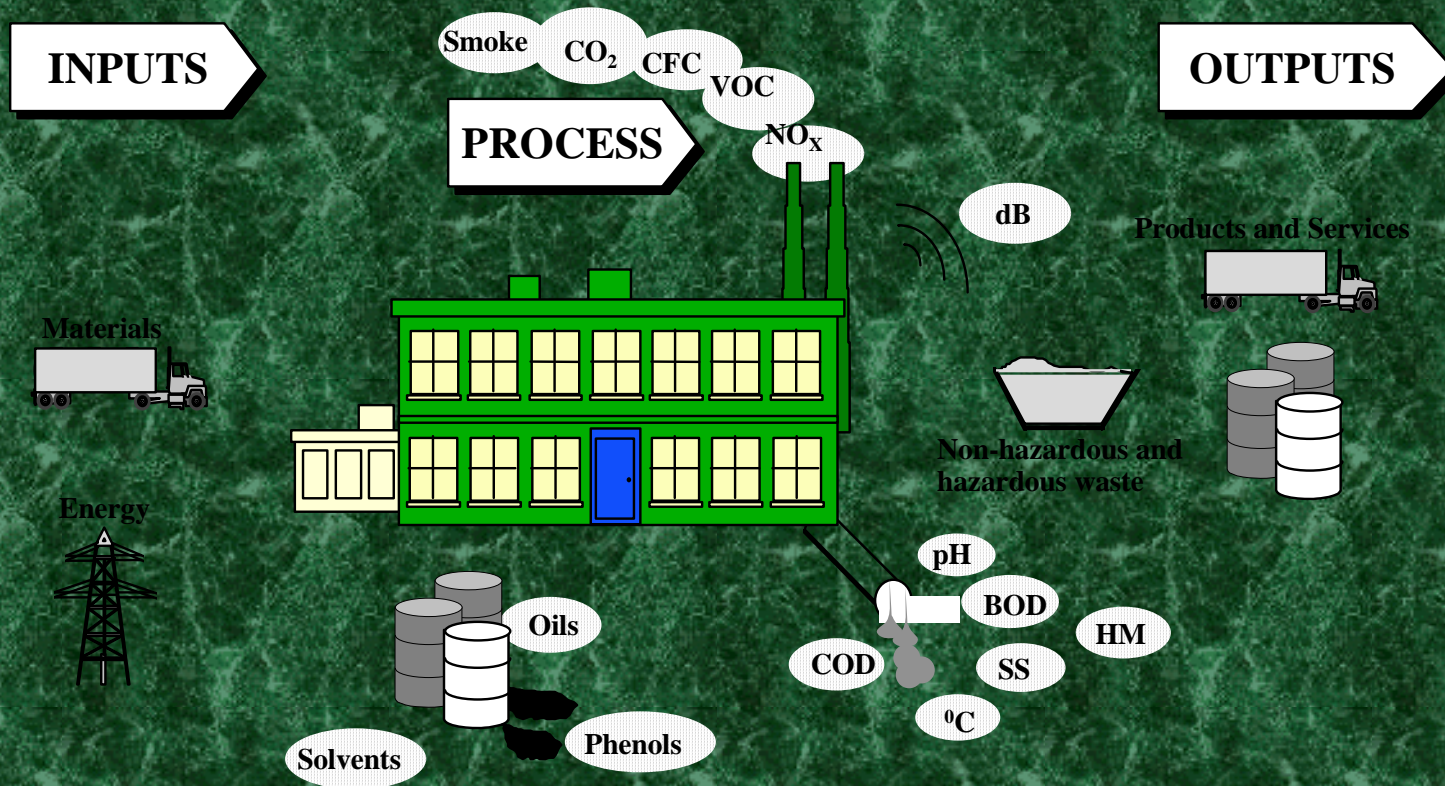
*Protect the environment; give your children's children the right to a pollution free planet!*

# What is ISO 14001?

- THE international environment standard
- Published 1996, updated 2004
- Defines in detail the components & requirements of an Environmental Management System (EMS)
- Used by businesses of all sizes, in all sectors throughout the world
- The benchmark that your country should attain

***For any organisation; any size; any country***

# Scope of ISO 14001



# Scope of ISO 14001

- Extent of coverage is variable, indeed limitless, but should include at least all input and output activities, products, services, etc
- All management & staff, in order to undertake their duties with due diligence in respecting the environment
- Past, current and future operations
- Normal , abnormal and emergency situations
- All sites within the organisation covered by the EMS
- Consideration of existing legislation

***A cleaner, safer, healthier world for us all***

# Essential Requirements of ISO 14001

- A public environmental policy, supported by senior management and communicated to staff
- Compliance with environmental legislation
- An environmental programme with a focus on primary objectives of quick wins and most benefits
- An EMS which establishes procedures, work instructions & controls
- Commitment to continuous improvement

***Communication is key;***  
***to enable awareness of responsibilities and objectives;***  
***to enable contribution to success***

# Business Benefits & Drivers

- In the global marketplace, effective management of environmental issues is a competitive edge and is becoming an essential prerequisite of doing business
  - Clients & customers are increasingly not prepared to deal with companies who do not demonstrate a responsible attitude
  - Enhanced corporate image with staff, community, business associates and supply chain
- + An EMS adds value to business through increased awareness, more efficient practices, reduced waste, energy efficiencies, etc

***ISO 14001 not only reduces pollution; it wins business & saves money***

# Risks of doing nothing

In this highly competitive world of mounting social & environment pressures:

## THE RISKS:

- Failure to increase market share, even loss of market share
- Costly penalties imposed by anti-pollution legislation
- Bad publicity in the event of failing to prevent or deal with an environmental incident
- The implication if your company is the odd one out in a supply chain of accredited companies
- Unable to get funding/investment
- Consequential negative impact on business & profit

***Focus on bottom line profitability is no longer enough***

# The ISO 14001 process

- Multiple phases:
  - Planning
  - Implementation
  - Audit
- Training
- Registration & Certification
- Continual review & maintenance



*An evolving process*



*How long?*

# TIPS

- Gain top management commitment
- Understand environmental impact
- Set realistic but challenging targets
- Train and resource

# How can MPCEE help?

- **Consultancy:**  
Assistance, guidance, independent review  
- at any stage -
- **Training:**  
Courses, coaching, seminars, communication

# Phase 1

## Initial Policy & Planning Phase:

- Help with interpretation of requirements
- Initial review, gap analysis, scope definition, objectives
- Facilitation of workshops & seminars
- Planning & policies
- Environmental aspects
- Training needs & training plan

***Fail to plan and you plan to fail!***

# Phase 2

## Implementation Phase:

- Management procedure for environmental aspects
- Implementation schedule
- Implementation management
- Training & awareness
- Documentation & control - EMS manual, Procedures, Records, Checklists, etc
- Emergency preparedness & response

# Phase 3

## Audit Phase:

- Audit review
- Non-conformance & corrective action
- Assistance with external audit, registration & certification

And finally and very important

Ongoing.....

- Planning for continual maintenance & improvement

# MPCEE Training Courses

- ISO 14001 Foundation course  
An introduction to ISO 14001 and how to go about it
- Environmental Training & Awareness Courses
- Significant Environmental Aspects Training Programmes
- Train-the-Trainer Courses

***The ISO 14001 standard emphasises the need for training***

# Questions?



# Operational Activities in Environmental Protection



- **Environmental Management Consultancy**
- **Project Funding & Joint Ventures**
- **Project Facilitation & Management**
- **Environmental Law, Legislation & Regulation**
- **Environmental Contingency Planning**
- **Renewable, Sustainable & Alternative Energy Management**
- **Hazardous & Contaminative Contingency Plans**
- **Certified Environmental Training**
- **Advice on ISO14001 – EMS**
- **Sourcing and Distribution of Environmentally Sound Technologies, as a UNEP-IETC Participating Institution**

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