

EMS under the Norwegian – Macedonian programme

Scope, methodology and certification possibilities

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Workshop 1

Cleaner and more Cost Effective Industry in Macedonia

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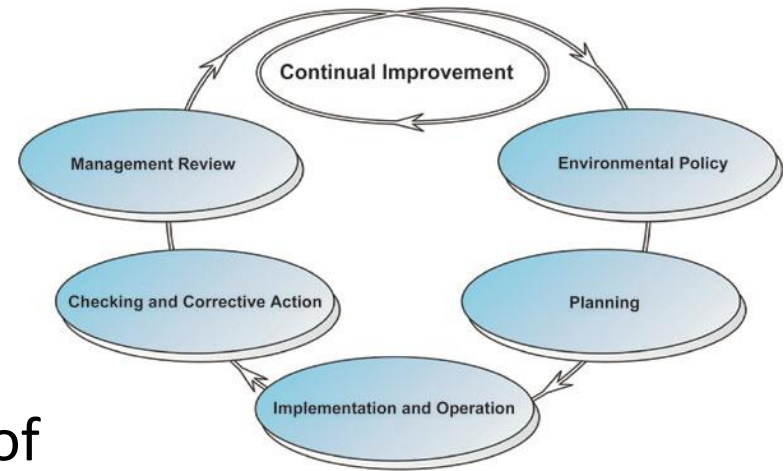
Introduction

- About me
- First look at EMS - Phase 1
 - Scope and goal
 - Methodology
- Implementation and assistance - Phase 2
 - Scope and goal
 - Methodology
- EMS certification
 - ISO 14001
 - EMAS

EMS training – Phase 1

Scope and goals

- Introduction to the concept of Environmental Management
 - What is it?
 - Why do it?
 - How to do it!
- Understanding the fundamentals of EMS
 - Preparatory work
 - Anchoring and involvement
 - Environmental performance
 - Continuous improvement
- Main Goal:



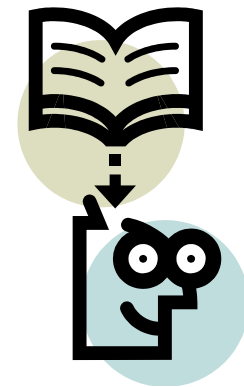
Increased knowledge and competence of EMS

EMS training – Phase 1

Methodology

- Seminars
 - Information and training through presentations
 - Case examples displaying the procedures, processes and potential pitfalls

- Active participation
 - Facilitate discussions and sharing of ideas and experiences between participants
 - Group discussions
 - Participating companies will be given tasks between seminars



EMS training – Phase 1

Methodology

- Following ISO 14001 and EMAS guidelines
 - Environmental policy
 - Environmental aspects
- Professional experience and knowledge
 - Relevant examples from Norway
 - Tools

At the end of phase 1

- Seminar information and documents
 - All presentations and other relevant documents and tools will be made available

EMS training – Phase 2

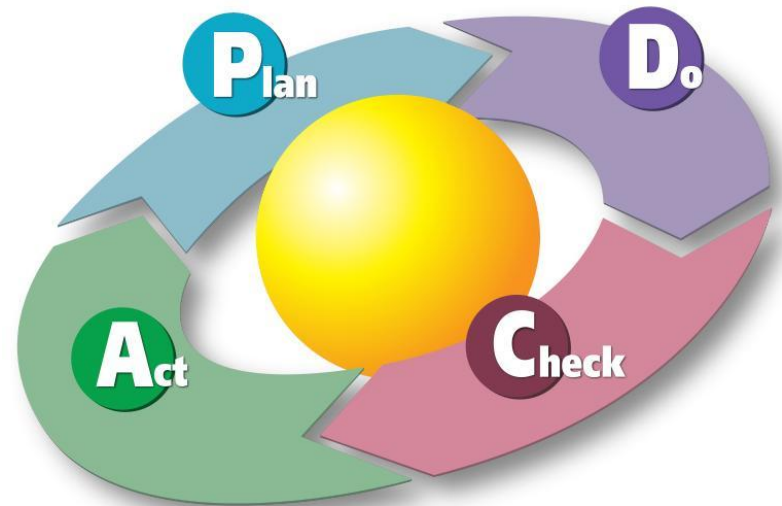
Scope and goals

- Continuing the process
 - Assessing legal requirements
 - Stakeholder analysis
 - Review of existing management systems
 - Continue internal training and communication

- Implementation
 - Creating routines and procedures
 - Environmental accounting
 - Establishing internal systems
 - Corrective / preventive actions
 - Audits and reviews

- Main goal:

Implement EMS in selected companies



EMS training – Phase 2

Methodology

- Seminars
 - Information and training through presentations
 - Case examples displaying the procedures, processes and potential pitfalls
 - Direct interaction between participants and Norwegian experts

- Technical assistance
 - Site visits, including meeting with EMS project group.
 - Assistance by Macedonian EMS consultants
 - Access to quality information and tools

EMS training – Phase 2

Methodology

- Defined task to be performed between seminars
- Work in teams
 - 2 company representatives
 - 1 Macedonian consultant
 - Norwegian expert will be available for consultancy if needed

At the end of phase 2

- Seminar information and documents
 - All presentations and other relevant documents will be made available
- Seminar diploma for all participants

EMS Certification

Possibilities

- ISO 14001

- World wide standard for Environmental Management Systems
- An organization can implement ISO 14001 without seeking certification
- Certification: Written assurance of an independent audit of the management system and a verification that it conforms to the ISO 14001 requirements
- Done by accredited auditors - Certification bodies



- EMAS

- An European (EU) standard and framework for EMS
- Validation and registration: Independent verification of the organization's environmental policy, EMS, audits and environmental statements to ensure compliance with EMAS regulation.



EMS Certification

Possibilities

- ISO 14001
 - Certification by a accredited 3. party
 - The system and accreditation must be maintained
 - Regular internal audits

- EMAS
 - The system must be audited and verified by a 3. party
 - Verification of all activities every 36 months
 - The environmental report must be validated by 3. party
 - Environmental audits – preferably done annually
 - Depends on the scale of the activities and the environmental impacts



Thank you for your attention!

Questions?

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