

# Technology Training for SMEs

Module 2 - Level 1:

## *Environmental Management*

**STENUM GmbH**

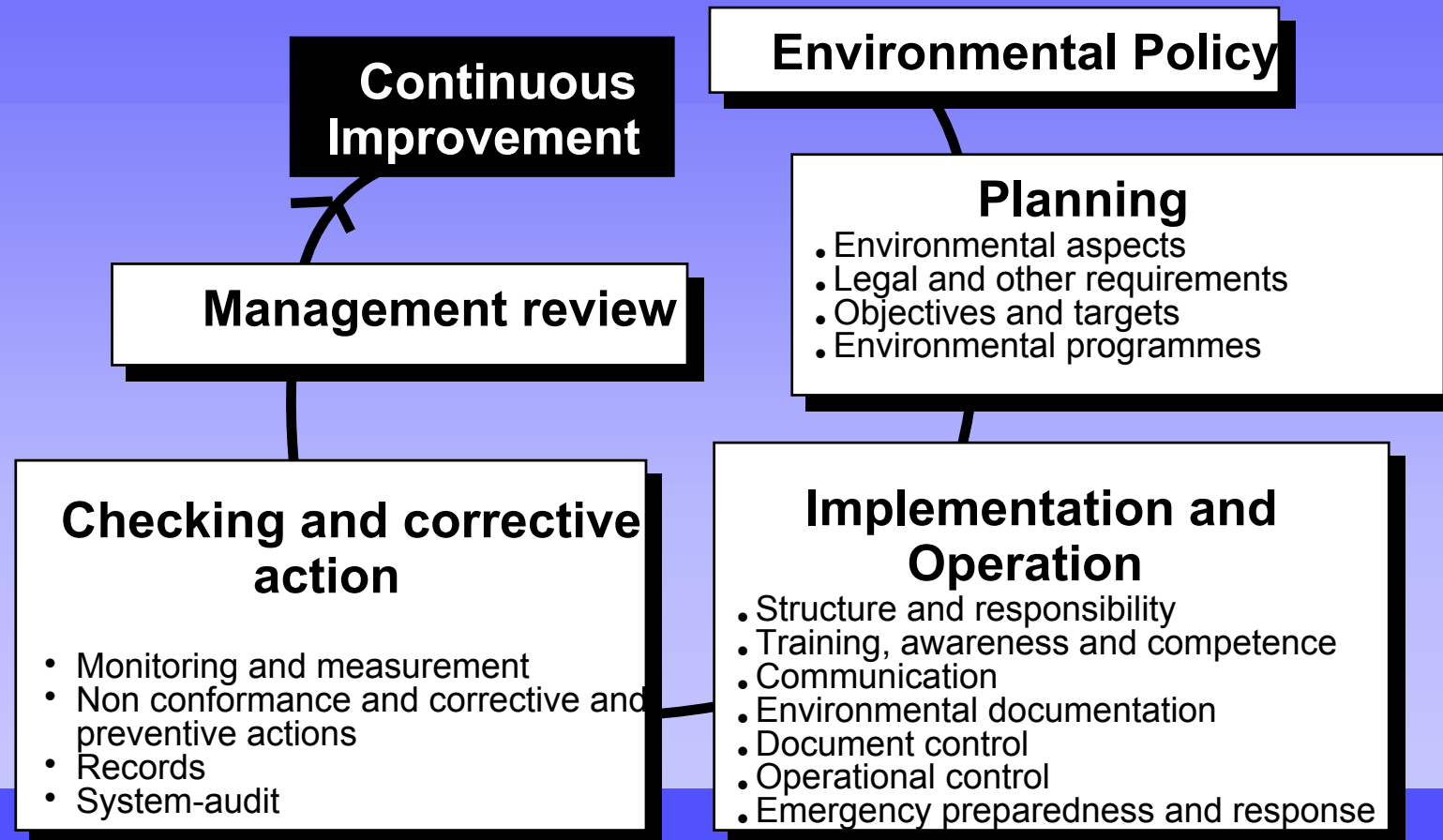
[www.stenum.at](http://www.stenum.at)

# Characteristics of a SME

- Is led by owner
- Owner is responsible for sales and expert jobs
- Has no staff
- Owner has no time
- Is very customer orientated
- Has limited access to BAT-information
- Has limited financial resources



# Continuous improvement

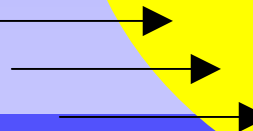


# ISO 14001 shows the „bricks“ of an environmental management system

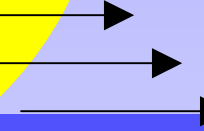
- ⊙ Policy
- ⊙ Review of environmental effects
- ⊙ Legal requirements and compliance
- ⊙ Objectives and program
- ⊙ Organisation
- ⊙ Training

- ⊙ Communication
- ⊙ Documentation
- ⊙ Procedures
- ⊙ Correction and Prevention
- ⊙ Auditing

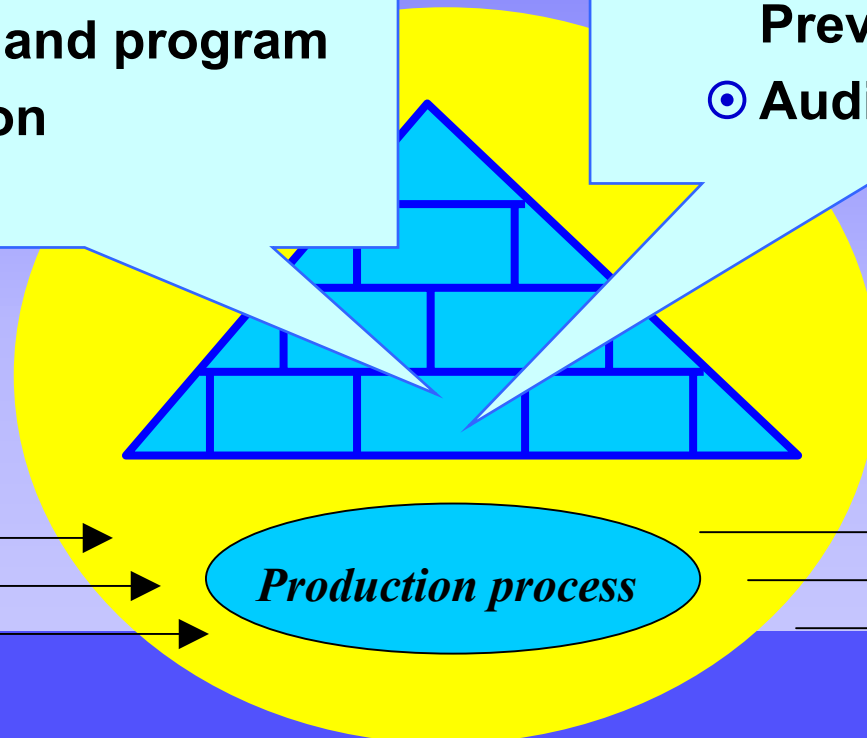
*Input:  
Materials,  
Energy*



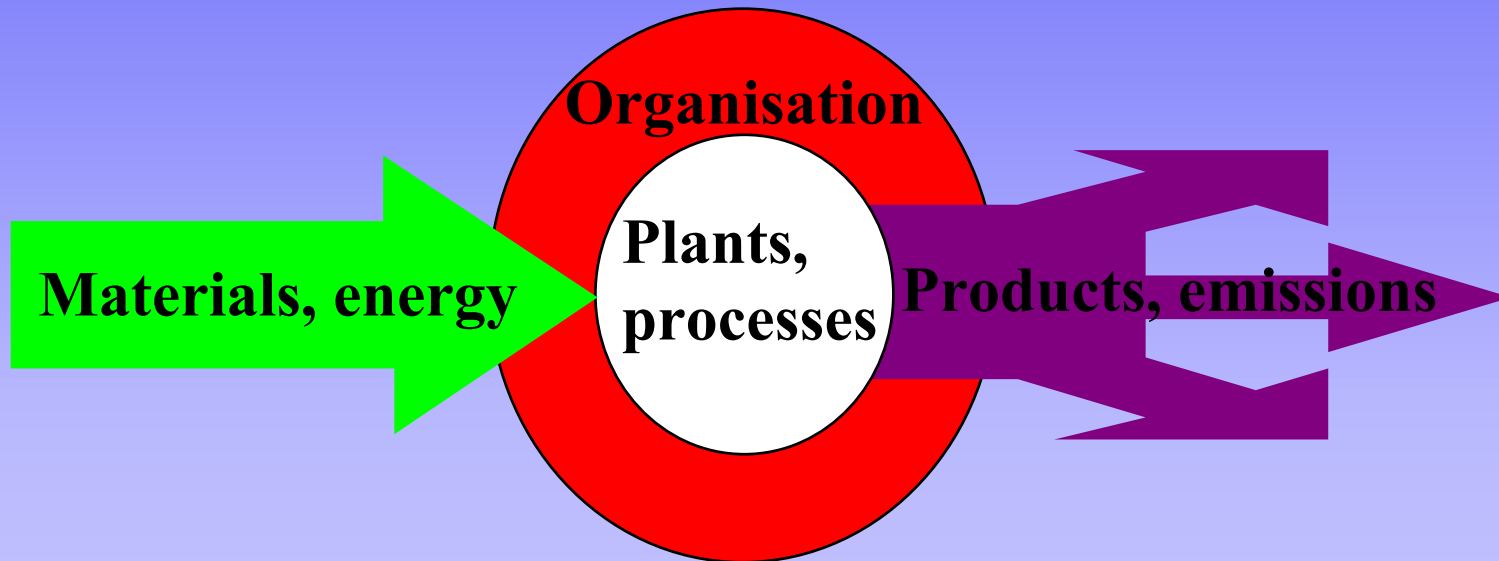
*Production process*



*Output:  
Products,  
Waste,  
Emissions*



**Reduction of  
environmental effects by improving ...  
(along the production chain)**



# Teamwork as basis

↪ To represent different departments

↪ to get the overview and technological knowledge

↪ to share opinions and motivate

↪ to stimulate creativity

↪ to inform

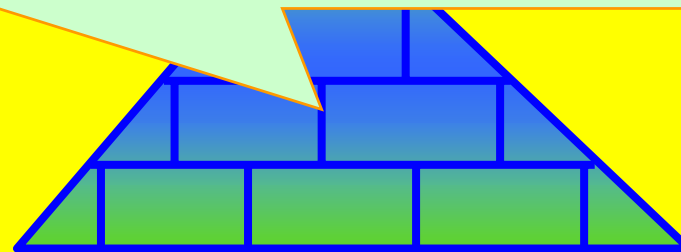
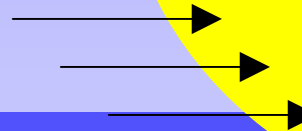
members from: production, maintenance, design,  
management, quality, accounting, environment, health  
and safety,  
legal branch



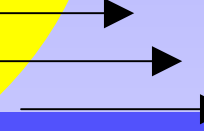
# CP guides to a preventive strategy and provides tools for prevention to the EMS

- ⊙ Prevention as element of the policy
- ⊙ Tools for review of environmental effects
- ⊙ Registration of legal requirements
- ⊙ Options for improvement
- ⊙ Program
- ⊙ Training

*Input:  
Materials,  
Energy*



*Production process*



*Output:  
Products,  
Waste,  
Emissions*

**Advantage of an  
EMS  
for the Company**

**Competitiveness**

- image and publicity
- long term continuance of the company
- transparency of decisions

**Cost minimization**

- lower insurance rates
- better conditions for a credit
- identification of saving potentials

**EMS**

**Risk minimization**

- legal compliance
- avoidance of damages, accidents
- identification of weak points

- systematic environmental protection
- eco-Controlling
- increase of envn. awareness
- motivation of the employees

**Improvement of the organisation**