

“Capacity Building and Strengthening Institutional Arrangement”

Workshop: Sustainable Development

Working group n° 4

“Design an environmental management system
for Sustainable Development”

Mr. Tonino Palma, Mr. Gaetano Battistella,
Mr. Fabrizio Ciocca

APAT
Agency for Environmental Protection and Technical Services

Design an environmental management systems (EMS) for Sustainable Development

Objective:

The working group is finalised to design an environmental management systems to allow an organization to manage its main environmental impacts and to achieve targets of sustainable development

Design an environmental management systems (EMS) for Sustainable Development

Activities:

1st phase: Discussion and debate by EEAA and RBOs experts about previously experiences on environmental management systems adopted by organizations in the Egyptian territory (national at local level)

2nd phase: Taking in consideration sustainable development main concepts design an EMS for organization, that includes the following aspects :

- Choice of an organization according its sector of activities (industrial, agricultural, food industry, cement factory, etc.)
- An initial environmental analysis in which are indicate the main activities of the organization that can produce environmental impacts on the surrounding territory (ex: waste production = possible soil contamination)
- The environmental policy (EP) of the organization, in which are fixed the environmental objectives of the organizations (ex: 10% reduction air emission), the time to achieve it (ex: by 5 years), which instruments (adoption of new clean technology) and tools of measurement (environmental indicators)

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Activities:

- The planning and implementation, to:
 1. define the main environmental professional figures needed (experts of waste management, environmental regulations experts, etc.) to implement the environmental policy of the organizations
 2. define the environmental training plan (ex: water management course) to train the employees about the environmental policy adopted by organization
 3. select what kind of communication tools (web-site, newsletter, annual reports, etc) are needed to inform workers and public about environmental policy of the organization
 4. a plan for emergency, in which are indicate equipments needed for specific emergency and what kind of organization's activities need a specific monitoring
- The management review, to define possible coorrective actions to improve the EMS and frequency of audit activities

Final presentation and discussion about working group's activities

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Activities:

Kind of organization	Environmental Analysis		Environmental policy			
	Activities	Environmental impacts	Environmental targets	Time	tools	Environmental indicators to measure the achieving of targets
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Activities:

Kind of organization	Planning and Implementation					Management review	
	Environmental figures	Training environmental plan	Communication tools	Emergency Plan		Possible actions to improve	EMS Audit frequency
				Activities that need to be monitored	Equipments needed for emergency accidents		
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