"Capacity Building and Strengthening Institutional Arrangement"

"Capacity Building for EEAA Training Departments" (Advanced)

Working group n° 4 "Adopt New Technologies' Capabilities in Environmental Training Activities"

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APAT

Agency for Environmental Protection and Technical Services

Adopt New Technologies' Capabilities in Environmental Training Activities

Objectives:

The working group is finalised to involve participants in a debate giving rise to some considerations about using and implementing new technological tools in the field of environmental vocational training, in particular e-learning.

The working groups should design environmental e-learning initiatives on a specific environmental issue, addressed to experts operating in the field of environmental protection both within the EEAA system or in other environmental Institutions (for example for 3 arguments previously chosen)

Adopt New Technologies' Capabilities in Environmental Training Activities

Activites:

Phase1: Discussion and debate about the possible advantages to adopt new technological tools, in particular e-learning, within environmental training courses performed by EEAA and RBOs.

Describe in a feasibility study an e-learning system capable to support distance vocational courses addressed to experts operating in the field of environmental protection both within the EEAA system or in other environmental Institutions. The feasibility study could take into account the following aspects:

• General training objectives

• Target of the e-learning courses

•Back office organisation (virtual secretary for trainees, general structure to organise scientific and technical contents, community tools as thematic forum)

Adopt New Technologies' Capabilities in Environmental Training Activities

Activites:

•Front office organisation (tutoring instruments and services, and training didactical tools to support trainees)

•Analysis of hardware requirements

•Analysis of software requirements

•Cost forecast for the project development

•Time requirements for project development

•Human resources needed to manage the system

Phase 2: Describe the possible adoption of a specific environmental e-learning system as configured in the feasibility study based on initiatives addressed to experts operating in the field of environmental protection both within the EEAA system or in other environmental Institutions, taking into account:

Adopt New Technologies' Capabilities in Environmental Training Activities

Activites:

•Analysis of the specific environmental issues to deal with

•Definition of the specific experts whom address the e-learning system is addressed

•Organisation of these arguments in specific parts and in courses with training modules and training units

•Elaboration of self evaluation tests for each training module and elaboration of a final test of auto evaluation

•Definition of the main training tools to deepen and to present technical and scientific contents (list of web sites of interest; glossary; virtual forum, adoption of specific software to present or develop participation, etc.)

•Definition of the main tutoring activities

Phase 3:Final presentation and discussion about working group's activities.

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