

Introduction

The aim of the **Environmental Management Systems** module is to raise awareness of the benefits of adopting a systematic approach when attempting to achieve best practice environmental management in the mining industry.

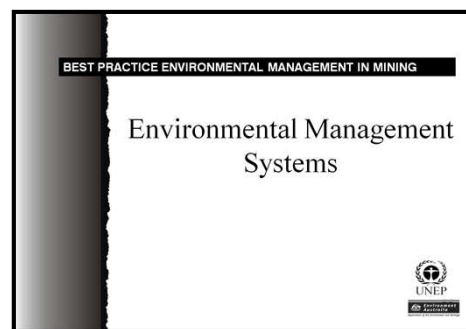
This module is based on material presented in the corresponding BPEM in Mining booklet. Trainers using this kit are encouraged to adapt the ideas in the slides and notes to their own national environmental, social and industrial circumstances by seeking similar information and case studies with a local flavour. Site visits, 35 mm slides, or simple videos may be used to add local content to the presentation.

The mining industry is going through a period of rapid change. The strategies and procedures used to address these issues are in constant evolution, and the material presented here will need to be frequently updated.

Environment Australia has established a website where updates, feedback and supplementary material will be posted. In addition, the website includes the entire content of the BPEM booklets and this kit. It can be accessed at:

<http://www.ea.gov.au/industry/sustainable/mining/bpem.html>

Development of an EMS provides a key tool for achieving best practice environmental management in mining. Guidance is provided in the module for a step-by step approach to developing an EMS.



TIPS

The international Standards for Environmental Management Systems—ISO 14001 and 14004 are essential resources and are referred to in this Trainers' Guide. They should be used in conjunction with these notes. See the ISO website for information on the Standards organisation in your country:

<http://www.iso.org>

Training materials for this module provided in the kit:

Hard copy

- Summary Sheets

CD ROM

- Complete PowerPoint text of slides and trainers' notes
- Case studies: See case study index for suggestions

Worksheets

1. Summary Guide for Development and Implementation of an EMS
2. Activities, Products and Services

Note that Volume 1 contains general guidance for trainers, a glossary and references and sources of further information. The *General Trainers' Guide* provides suggestions for using case studies and other ideas for developing successful training programs.

Before beginning this module the trainer should be thoroughly familiar with the accompanying *Environmental Management Systems* booklet. The module highlights key points and issues and does not cover all of the material and case studies contained in the booklet in an exhaustive manner.

The time required for this module will depend on your objective. This module could be used to guide a workshop for starting the EMS process. Two days would allow adequate time for such a workshop.