

Introduction

The **Mine Planning** module emphasises that the success or failure of a mine and its associated environmental activities can be seriously affected by the decisions taken during the planning stage of the project.

This module demonstrates how mine planning, at all stages of a mine's development can contribute to environmentally sound mining practices. It also outlines a range of relevant environmental issues that should be considered at the planning stage.

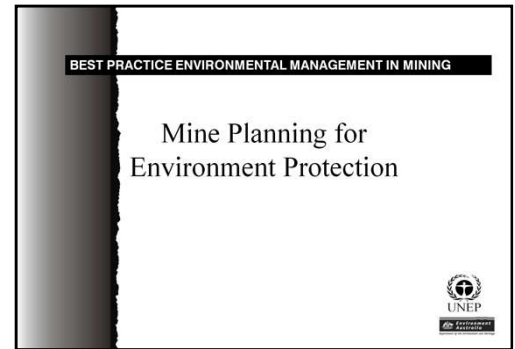
Since each mine site presents a range of different environmental issues, it will be necessary to add information relevant to your location, climate, social structure, regulatory regime or other relevant factors.

This module is based on material presented in the accompanying 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 issues and the procedures 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>



TIPS

Materials provided for this topic 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. Environmental impacts
 2. Case study and questions
 3. Pollution control
 4. Case study questions

Note that Volume 1 contains general guidance for trainers, a glossary and references and sources of further information.

The time needed for this module will vary depending on your objective, how much group work is used and how many case studies are examined. Due to the importance of mine planning and the diversity of issues to be discussed a two-day workshop with emphasis on group work would be most appropriate. A half-day field trip covering one or more of the issues important in mine planning at your location would be worthwhile.

Before beginning the module the trainer should be thoroughly familiar with the accompanying BPEM booklet *Mine Planning for Environment Protection*. This trainers' guide is designed to highlight key points and issues and does not cover all of the material and case studies presented in the booklet.

Try to emphasise participatory learning through group work. The slides provided here are for guidance and to stimulate discussion. Many of the issues flagged may be "new" to participants, and considerable deliberation may be required.