

# ENVIRONMENTAL IMPACT ANALYSIS

BY

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PROJECT REPORT

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# Environmental Impact Analysis

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## Summary

The Environmental Impact Assessment (EIA) process is presented and examined. Its evolution in the last twenty years is described and the present procedure and practice is analyzed. Emphasis is placed on the European standards and procedures, which have been adopted by Cyprus.

The main impacts caused by developments on different environment components are presented and discussed.

The EIA legislation and practices applied in Europe and Cyprus are presented and analyzed.

EIA is applied specifically to quarries and mines. The environment of these developments is examined and the associated impacts and mitigation measures are described. The relevant legislation and practice is presented.

A case study of an EIA for a new quarry development is presented and analyzed according to the instructions of the Environment Service.

From the analysis carried out it appears that after more than ten years of EIA application, Cyprus is well prepared to face the effects on the environment from developments. In the sector of quarries and mines there is good organization and many problems are now faced effectively. However, the dry climate of Cyprus and the shortage of water in many parts make mitigation of some impacts, like air pollution and landscape destruction much more difficult.

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