

Company: Promotora Mediterranea-2, S.A.
Promsa - Grupo Cementos Molins

Location: Cantera “La Falconera”, Garraf, Spain

Objective The application of good environmental practices in every aspect of the activity, including the external transport.

Context This quarry is located in the Natural Landscape Region “Macizo del Garraf”, a valuable area thanks to the importance of the actions taken and of the environmental good practices. The adjustment between exploitation and environmental development were therefore constant.

Solution Different measures were taken:

- To minimize noise and vibrations, reduction by half of the operating explosive charge for blasting was made possible, by placing two non electric detonators per blast.
- To reduce dust, exhaustive measurement campaign and self monitoring of particles through the installation of 3 regulatory dust catchers (CPS) in the activity perimeter. Installation of a filter-bag to catch dust from the stock marquee of the primary section of the treatment plant; elimination of any emission during the unloading of materials.
- To irrigate, installation of an irrigation system into the primary section of the treatment plant, and of water spraying mist in four points near the fall of the conveyor belts.
- To leave an intact area of the forest, voluntary setting of non-exploited areas such as perimeter landscape protection. This has been near the torrent of La Falconera, an area with a big ecological value, or in the path GR, between Garrafa and Can Lluçà, an area with great ecological and social interest.

Result The company participates to the Project ECOQUARRY-LIFE, signed with the Barcelona University, Biology School, with a partial funding sponsorship from the European Union. These funds made it possible to develop the revegetation of an area of the exploitation, implementing modern eco-technology techniques and to create high value habitats for biodiversity.

Partners Barcelona University, Biology School
The European Union

