



## CH2M HILL SPAIN S.L.

### Environmental Services

#### Client

Confidential

#### Location

Spain

## Environmental Impact Assessment Related to Gas Drilling

CH2M HILL provided environmental services to complete license applications and obtain environmental permits to conduct gas exploration activities in the Aragón region of Spain.

As part of this project, CH2M HILL conducted an environmental study and produced an Environmental Impact Assessment (EIA) report that complied with the national and regional regulations. The EIA included a baseline study that addressed the environmental features potentially affected by the development of the project, including the physical environment (such as climatology, geology, hydrogeology, and geomorphological characteristics and ambient air and noise); the biological environment (such as flora, fauna, habitats, protected areas); and aesthetic and social environment (such as scenery, economic and social aspects, and archaeology). The most sensitive aspects were defined as a result of this baseline study and the results were identified on GIS maps.

Given the location of the project, one of the main environmental issues analyzed was the compatibility of the project with the protection of the bearded vulture (*Gypaetus barbatus*), a avian species categorized as *in danger of extinction* according to the national and regional catalogues of endangered species, which is regulated by Decree 45/2003, dated February 25, from the Government of Aragón (Recovery Plan BOA nº29, dated March 12, 2003).

CH2MHILL developed a matrix of impacts linking project activities potentially causing impacts with the receptors of the potential impacts. Impacts were assessed in terms of their frequency, probability of occurrence, extent, duration, and sensitivity of potential receptors, determined by factors such as interest in conservation, socioeconomic value, and singularity. The team developed an approach and described measures to prevent, correct, and compensate for impacts, which are primarily focused on the prevention and mitigation of impacts that are assessed to be significant.

An environmental monitoring plan was also developed with the double objective of ensuring the environmentally satisfactory implementation of the preventive and corrective measures (considering the incorporation of the determinants of the Environmental Impact Statement, once it is published), and that its implementation over time is correct.