

# TEACHING MANUAL ABOUT MINING IN NAVARRRE



## MINERÉTICA

An initiative to disseminate knowledge about mining and minerals.

More information about mining in Navarra at [mineria.navarra.es](http://mineria.navarra.es)

This learning unit is based on materials created by the Mining Chamber of Galicia

PRESCHOOL  
EDUCATION



# WHAT IS MINERETICA?

It is an initiative for the dissemination of knowledge about mining and minerals in which the General Directorate for Industry, Energy and Strategic Projects S3 of the Government of Navarra and the Navarra mining sector, represented by AEMINA (Agrupación Empresarial Minera Navarra), AFARIME Navarra (Association of Manufacturers of Aggregates and Extractive Mining Industry) and the main companies in the field, work together.

The objective of MINERÉTICA is to carry out actions in order to raise awareness about the role of the mining sector in society, increase knowledge and sensitize citizens about the use of mineral resources on a daily basis, and increase acceptance and build trust in extractive companies, as well as its importance in the sustainable future.

## A STRATEGIC SECTOR

Geological resources are all those natural resources that are extracted directly from the earth. They are materials of public domain that are part of our wealth, and constitute the most used raw materials in most of industry, energy production and construction. .

The mining industry in Navarra must take advantage of the resources in a **RATIONAL, ORDERLY** and **EFFICIENT** way to cause a minimal impact on the environment. Research and the use of resources is declared, in many cases, of public utility due to its impact on job creation and economic activity. The execution of these activities is carried out by private initiative, through concessions or authorizations and under the strict supervision and control of the Administration.



## WHO IS THIS FOR?



The activities are for Early Childhood students, as well as for those attending the first cycle of Primary Education

## DESCRIPTION OF THE TEACHING UNIT



Through photographs and drawings, the work carried out in mines will be described, what are the minerals extracted and what are they used for. With the proposed activities, the students will know how mining contributes to people's daily lives.

In addition, students will be able to become familiar with the mining world: from knowledge about what minerals and mines are to the machinery used to work and even all the products that they use in their daily lives that come from mines.

## Teaching goals



- Explain to the students what mines are in a simple and enjoyable way.
- Learn about minerals and where they are extracted.
- Explain what the products are used for in everyday life.
- Describe the processes of restoration and rehabilitation of mining operations.