

Teaching goals



Mining is a valuable sector for the economy of Navarra, yet it is poorly understood and can sometimes be controversial.

For this reason, the main objective of this material is to increase awareness about the mining sector and its importance for Navarra, while explaining its value to students through the following content:

- Explain the operations of the mining cycle, the importance of carrying out research work about possible resources and their exploitation, as well as the subsequent rehabilitation of the exploited area.
- Highlight the usefulness of mining products by making known the wide variety of uses and applications they have in our daily lives.
- Highlight the role of the mining sector in the industrial infrastructure of Navarra, due to the wealth it represents, the jobs it creates and its importance as a contributing factor to the fixed population in rural areas.
- Promote the critical spirit of the students, contributing to the formation of their own opinion while contrasting information.

MINERÉTICA

An initiative to disseminate knowledge about mining and minerals.

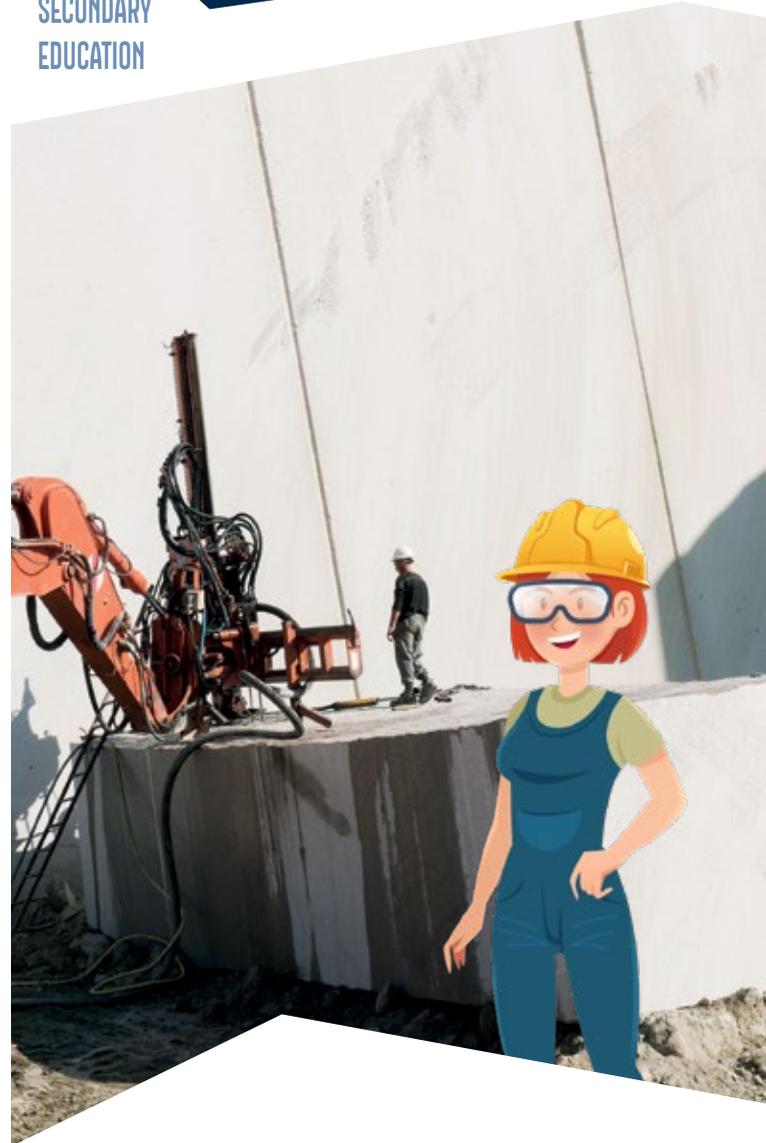
More information about mining in Navarra at
mineria.navarra.es

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

TEACHING MANUAL ABOUT MINING IN NAVARRRE



SECONDARY
EDUCATION



WHAT IS MINERÉTICA?

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 students in Secondary Education.



DESCRIPTION OF THE Teaching Unit



Through this teaching material, the aim is to offer a modern and realistic vision of the sector by providing teachers with content and activities that help students complete the academic perspective they already know and encourage debates in the classroom. Rocks and minerals are essential in the modern world and, without them, the welfare state of society in which we live would not be possible. Learn to value them and understand the need to extract them in order to use them is essential for the system to be sustainable in the long term and avoid compromising the future of the new generations.

Navarra has an important historical record in relation to mining activity. Rocks and minerals are essential in the modern world and, without them, the society in which we live would not be possible. Learn to value them and understand the need to extract them in order to use them is essential for the system to be sustainable in the long term and avoid compromising the future of new generations.

Mining in Navarra is a sustainable activity that takes into account the principles of the circular economy. Mining is not a problem for environmental conservation, but it can be an opportunity. Modifications in the terrain caused by mining lead to the emergence of new ecosystems, such as wetlands or cliffs, which may allow the establishment of new species and an increase in biodiversity.