## INDUSTRIAL AND MINING MUSEUMS IN SPAIN

Autonomous Community	Museums	Website / Related link	Description	Languages
3	Mining Interpretation Centre of Barruelo de Santullán	http://www.barruelo.com/bar ruelo/turismo_local/centro- de-interpretacion-de-la- mineria.php	The centre is formed as a complex and today consists of mining museum, mine which can be visited and arts centre. The discovery of the deposits of coal in the year 1838 signified the main source of wealth, without forgetting that this mineral fossil and flammable, endowed to the mine and the importance of the network of railroad. There you find the conserved part of the history that coal brought to the region.	ES
Andalucía	Geology – Mining Museum of Peñarroya	http://www.guadiato.es/inde x.php?act=mostrarContenid os&ca=184	While visiting the museum, you will observe begin with the collection of samples with the basic equipment of field, passing for a laboratory identification, quantification and possible industrial interest for the benefit of the human being. Continuing, you will discover the methods of research, investigation and exploitation of a mining deposit for the subsequent application, mineral commodities in the diverse industries they are derived. Later, you will be invited in a systematic representation by chemical families of mineralogy. Besides, a collection of the different types of rocks is found and the industrial application of the same as ornamental rocks.	

Andalucía	Mining Museum of Sabero	http://webs.demasiado.com/ aammsabero/museo0.htm	The Mining Museum of Knew is created in 1973. In the museum you are provided to enjoy fossils, utensils of mine and material of rescue. Also, amusing works of interior in two semblances of galleries are offered. What is more, the museum intensively works on the protection and conservation of the mining heritage.	ES
Aragón	Mining Museum of Escucha	http://www.museomineroesc ucha.es/	In this exceptional mining museum you will have an unforgettable trip in the mine 200 meters down the earth. On the fascinate journey you will have the only one experience that you will remember ever. In web page you will find catching videos and photos.	ES
Asturias	Mine Museum of Buferrera	http://www.fortunecity.com/g reenfield/fatcat/604/musorie n.htm	The Mine of Buferrera was stopped to use in 1972 and was benefited of manganese among limestone. It is located some meters above the Centre of Visiting Pedro Pidal and some 200 meters under the Lake Ercina. After exploitation. Now in the museum of this mine after reconstruction that was carried are display panels of the old fronts of exploitation, zones of debris, of the methods of employed transportation, and mining utensils are seen like pitchers, light trucks, rails and many more.	ES
	Mining and Austrian Industry Museum "El Entrego"	http://www.mumi.es	In Astoria with the coal mining, iron and steel production, and weapon production was begun, sea ports and the net of railroads were built. The building of the museum and the tower of mining elevator connects museum with the image of mine. You will discover here ancient mining technologies, mining nursery and the history of medicine, bathroom, lamp room and will be introduced with the work of salvation brigade.	ES

		Railroad Museum of Asturias (Gijón)	http://museos.gijon.es/index .asp?MP=3&MS=152&MN= 1	The Railroad Museum of Astoria is the center of investigation and diffusion of the railway history of Astoria. The museum is designed to present you the history: technology and mechanical, economy of the railroad, railroad and regional and local development, the railroad as merchandise exchange vehicle, ideas, culture, travelers because the railroad changed of social behavior and of the customs.	ES
	Asturias	Interpretation Centre of Bustiello	http://www.bustiello.com/ind ex2/centro.htm	The Interpretation Center of Bustiello invites you to discover by guided visits all the assembly which consists of itineraries guided by the mining valleys, temporary expositions. You should know that temporary expositions are divided into three environments. Firstly, you will be presented as the coal mining heritage of the region considering geological aspects that determine the coal wealth, and at the same time to understand the importance of the mining industry, the characteristics of the product obtained and the application of the same one. Secondly, here you will discover the Empire of the Marquis Claudio López Bru, Il Marquis that was based on colonial business that is good example of model, industrial paternalism. Finally, you are invited in Bustiello, a miner mode - the heritage of the Spanish coalmine. In this environment you will obtain the vision of the work in the mine as well as the life of the miner.	ES
	Museum of Gold of Astoria	http://www.museodeloro.es/	The Museum of Gold of Astoria is located in the house Capalleja, in the neighborhood of San Nicolas, next to the old bridge. It is a matter of an old three-floor ancestral home, completely rehabilitated for the purpose of receiving the modern services of the exposition. It is an unique museum dedicated to the gold, to their value and to the history of the men that for centuries have fought against the nature to obtain of the prized metal. Ancient histories and religious, technological and medical advances, magisterial engineering gather in Navelgas so that you can know them in an exciting trip. Moreover, the virtual museum visitation is provided in the web page.	ES	

Castilla y La Mancha	Mining Museum of Mines of Almadén	http://www.uclm.es/cr/eup- almaden/almaden/paseo.ht m	Before coming in this museum you should know that it is estimated that Almadén has produced approximately a third of the mercury consumed by the humanity, having extracted of its mine some seven million and middle of flasks (a flask of mercury contains 34.5 kg of metal). In the museum you will get to know to that the mercury combined with the sulphur, in part of deep origin and in another marine one, forming the cinnabar that mineralised the quartzite of nursery. This, at that times, was a permeable sand that permitted the step of the circulating solutions that transported the cinnabar.	ES
lla y León	Railway Museum of Ponferrada	http://www.museoferrocarril. ponferrada.org/	The idea of this original museum had been developed during a decade and it is located in the old grounds of the old mining, iron and steel society of Ponferrada, enterprise established in Madrid in 1918 and whose aim was the exploitation of the coal reserves of the coal-mining areas of the regions El Bierzo and Laciana. Here you are invited to a trip around this industrial complex, a route around the memory of an enterprise and a railway whose stamp changed the appearance of a landscape that was slept in the time.	ES FR EN
Castilla y	Science Museum	http://www.museocienciavall adolid.es/	The museum has the objective to help us to understand the science and the ways to enjoy it. Besides, the museum brings you different activities of the science. Here main attention is focused on communication and bringing know-how , the divulge, popularisation, diffuse and spread of the science.	ES

	Museum of Science and Technique of Catalonia	http://www.mnactec.com/	Be invited in the Museum of Science and Technique of Catalonia! In this museum of Catalonia you will get to know, will enjoy and get the possibility to participate in the industrial, scientific and technique bequest of this society.	CT ES EN FR
Cataluña	Mine Museum of Cercs	http://www.mnactec.cat/mus eum/museu_de_les_mines_ de_cercs_es.htm http://www.diba.es/museus/ mmcercs.htm	The Mine Museum of Cercs is situated to the mining colony of Sant Corneli, a center of interpretation dedicated to the mining industry of the coal of the Berguedà. The colony was founded to ends of the XIX <sup>th</sup> century. The museum is comprised of four open spaces. In the firs space you will find the rooms of permanent exposition where is shown like was the life to the foot of the mine and the characteristics and the uses of the coal. Secondly, a flat of the colony in the forties and you will be invited in to the room of audiovisual. Later, the 450 meters of the gallery Saint Roma where, by means of a mining train, can be seen the work in the interior of the galleries. Finally, you can walk through all the mining colony and his environment of influence.	СТ
	Railway Museum of Vilanova and la Geltú	http://www.ffe.es/vilanova	The exposition dedicated to anniversary of 125 years of the arrival of the train to Valls, recalls the history of the line from Barcelona to Vilanova and Valls. A possible epic project by the tenacity of the bourgeoisie of Vilanova i the Geltrú, headed by Francesc Gumà.	CT ES

	Museum of Asland Cement Factory (Castellar of n'Hug)	http://www.mnactec.cat/mus eum/museu_del_ciment_asl and_de_castellar_de_n_huges.htm  http://www.museuciment.cat	To ends of the XIX <sup>th</sup> century, the count Eusebi Güell, sponsor of the architect Antoni Gaudí, entrusted the construction of the first factory of cement in Catalonia. The factory was closed some thirty years ago, after almost three cement producing century. Despite this and due to its architectural attraction, to the magic that stir up its forms here you enjoy a fantastic industrial monument and, up to now, unfortunately mute. Here you will be explained many of its histories and of its reasons, and the process of production will be approached. Also the use of the cement in the construction will be shown you, will be recalled the men and women that they caused to function it.	CT ES EN
Cataluña	Vella Mine Museum	http://www.tumuseo.com/ind ex.asp?ID=419&IDF=10944 http://personal.telefonica.ter ra.es/web/aiguesvilassar/mu seu.htm	The main objective of the museum is the preservation of the historic patrimony for future generations. The building is in the old hydraulics that was used in the beginning of XIX <sup>th</sup> century. The collection of the museum consists of expositions related to various objectives from the Vella mine and water construction used in different periods of times while exploiting the mine.	СТ
	Valentí Masachs Geology Museum	http://www.geomuseu.upc.e du/	Dr. Valentí Masachs Alavedra was the first curator of the museum because his private collection of fossils and minerals, and the samples gathered by the museum's staff were used to set up the first mineralogical and paleontological displays with which the Museum was opened to the public. Today you can discover not only this collection but also the applications of minerals, which heralded a new stage in the museum's educational endeavour the uses of rock-based materials were introduced showed. The museum currently has a collection of approximately 5.000 minerals, 2.000 rocks and 3.000 fossils. Here you can learn about the world of minerals, rocks and fossils, their applications, their formation and characteristics, and how the use of these materials can be combined with respect for nature and the environment.	CT ES EN

	Future Museum Puloj and Bausis "La rajoleta"	http://www.gaudiallgaudi.co m/EDc02pujolibausis.htm	When the business closed, many elements that formed part of the factory were saved. A wealth of documentation, interesting studies of the factory's activities and about ceramics in general. The future Pujol and Bausis "La rajoleta" Museum will be a Centre of ceramics and industrial archaeology. It will comprise the old grounds of the factory, where various kilns have been preserved, industrial equipment of the era and other elements related to the activity of the factory, where temporary exhibits are already being held. Here you will find heritage which draws on the series of structures and the most significant elements of what was once a great centre of production, such as the clay separators, mill complex, clay corner, steam engine and collection of four types of kilns: Arab, underground, bottle and glazing.	CT ES FR EN
Cataluña	Mines Museum of Bellmunt of Piorat	http://www.prioratdigital.com /noticies/2002/novembre/bel lmunt_mines04112002.html	This curious museum offers you the possibility to visit the mine Eugenia that was the most important nucleus of the mines of the basin of the Priorat. It is comprised of some 14 kms of subterranean galleries of to 620 meters of depth. Here you will visit the section of 700 meters, also the mining colony. Moreover, without all the history you will hear there, the House of the Mines, majestic building of modernist style that can be visited today, dates from 1905 and was destined to the residence of the direction, offices and laboratory of the business, can be discovered. In your walk you will be able to visit also the castle of extraction, the engine room, the place of the wash, the foundry and the chimneys of conduction of the smoke, the workshops and many more.	CT ES EN
	Historic Mining Museum Francisco Pablo Holgado	http://www.uclm.es/CR/EUP	The museum presents you the influence of the mining industry in the evolution of the presence of the man on our planet. In order to express the main target of this museum is enough to indicate that each important fact of the history of the humanity has come generally preceded of the discovery of a new metal, an alloy or a new source of energy that led to an important technological evolution.	ES

Comunidad de Madrid	Railway Museum	http://www.museodelferroca rril.org/delicias.html	The Museum of the Railroad offers for you, through its photographic file and its documentary funds, a service of advice and consultation to professionals, investigators and public in general. After taking a trip in documentary and photographic room, you can take the coffee in the museum.	ES EN (und er cons tructi on)
	Historic Mining Museum "Sr. Felipe de Borbón and Gracie"	http://www.minas.upm.es/ini cio/museominas.html	The museum hoards an extensive testimony of mining wealth of Spain and of Europe since the XVIII <sup>th</sup> century also of the existing linking between the school and the exploitations. The great part of its mineralogical pieces proceed of donations or done assignments to the main mines, in exploitation. Here you will find the minerals join with their doubtless scientific value and to their peculiarity and quality as well as the historic value.	ES
Galicia	Railway Museum of Galicia "Monforte de Lemos"	http://www.fundacionffccgali cia.com/	You are welcome in the Railway Museum of Galicia where you will find locomotives, such as diesel-electronic locomotive 10806, Alco diesel-electronic 1812, type vapour locomotive "Micado" 141F2111, electronic locomotive 7722 of Scottish origin, began its career in Spain at the beginning of the 50. Moreover, you will see here centralized traffic control table from where was operating the station of Monforte of Lemos until the end of 1999. Regulating all the railway traffic of entrance and exit of Galicia, by Monforte, during more than 40 years. What is more, videos and photos are provided in the web page.	GL ES EN FR

País Vasco	Basque Iron Museum	http://www.lenbur.com	The Basque Iron Museum, housed in a former ironworks factory in Legazpi, approaches the topic of iron from a variety of perspectives, including technology, history, science, heritage, industry and landscape. The Museum uses modern technology in an interesting and innovative approach to discovering the key factors to this unique past. It shows the relationship between human beings, the natural environment and iron working, and is the point of departure for a number of enjoyable walks and organised routes.	EK ES FR EN
	Basque Museum of Railroad	http://www.euskotren.es/	In this museum you will be invited in the train to take a trip through the time. You will be presented with the past aboard an authentic train of vapour and savouring all the charm of the old trips of railroad. Here you discover the trains that brought the Industrial Revolution and to learn how the old electric trolleys function. These unique experiences you can enjoy in the Basque Museum of the Railroad.	ET ES
	Mining Museum of Basque Country	http://www.museominero.ne t/Principal.htm	This mining museum was created in 1986 and today is the centre dedicated to the study and dissemination of the culture and history knowledge of the mining in the Basque Country as a whole and the mining area of Biscay. Here you will find the great mass of opencast iron-working. In Gallarta is the deepest opencast mine excavation, in the whole of the Basque Country, extending to 20 metres below sea level.	EK ES EN

## Note:

- **CT** Catalan
- EK Eusquera EN English ES Spanish FR French GL Gallego