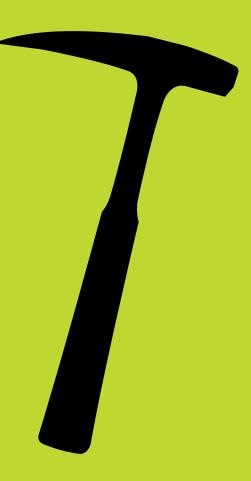


# MINES AND GEOLOGY NORTHERN PORTUGAL

www.portoenorte.pt



URISMO DO PORTO E NORTE DE PORTUGAL

portoenorte<sup>TEM</sup>

### general coordination Isabel Ferreira de Castro

#### technical coordination

Directorate-General of Energy and Geology - DGEG Mining Development Company - EDM Paula reis - TPNP

#### technical team

Pedro Botelho Sandra Martins

#### texts and photographs

Arouca Geopark Association - AGA, (Avelino Vieira)/City Council of Arouca City Council of Valongo Archaeological Park of Terva Valley - PAVT

City Council of Gondomar / Malta House – S. Pedro da Cova Mining Museum

City Council of Macedo de Cavaleiros Terras de Cavaleiros Geopark/City Council of Marco de Canaveses Marco de Canaveses Stone Museum City Council of Matosinhos/Museum of Portuguese Mineral Deposits City Council of Paredes/Castromil Mines

Foz do Douro Geological Tour Museum of the Higher Institute of Engineering of Porto - ISEP Museum of the Faculty of Engineering of the University of Porto - FEUP City Council of Torre de Moncorvo Region of Moncorvo and Iron Museum City Council of Valongo/Palaeozoic Park of Valongo/ Lousa Museum City Council of Vila Pouca de Aguiar Roman Mine Complex of Tresminas City Council of Vila Real/Fernando Real Geology Museum - University of Trás-os-Montes and Alto Douro -UTAD

#### translation

BabeliUM Centro de Línguas da Universidade do Minho

#### design

Cristina Lamego

#### **printing** Lidergraf

legal deposit 442573/18

#### edition

tpnp@2018

#### 4 Preface 6 Map

#### Arouca

8 Arouca Geopark

#### Boticas

12 Archaeological Park of Terva Valley

#### Gondomar

16 S. Pedro da Cova Mining Museum – Malta House

#### Macedo de Cavaleiros

20 Terras de Cavaleiros Geopark

#### Marco de Canaveses

24 Marco de Canaveses Stone Museum

#### Matosinhos

28 Museum of Portuguese Mineral Deposits

#### Montalegre

32 Barroso Ecomuseum – Interpretation Centre of the Mines of Borralha

#### Paredes

36 Castromil Mines

#### Porto

- 40 Foz do Douro Geological Tour
- 42 Museum of the Faculty of Engineering of the University of Porto FEUP
- 44 Museum of the Higher Institute of Engineering of Porto - ISEP

#### Torre de Moncorvo

46 Region of Moncorvo and Iron Museum

#### Valongo

- 50 Palaeozoic Park of Valongo
- 52 Lousa Museum

#### Vila Pouca de Aguiar

54 Roman Mine Complex of Tresminas

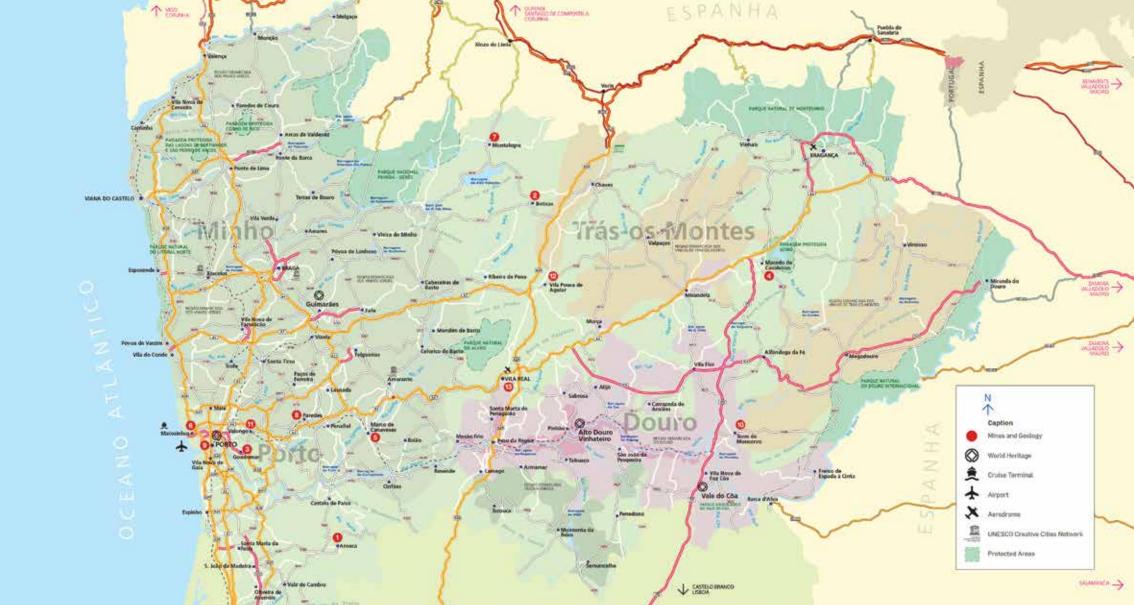
#### Vila Real

58 Fernando Real Geology Museum, University of Trás-os-Montes and Alto Douro (UTAD)

62 Tourist Information

2 I MINES AND GEOLOGY NORTHERN PORTUGAL







### **AROUCA GEOPARK** AROUCA

The famous "Rocks Delivering Stones" are part of a geological heritage that includes a total of 41 geological heritage sites

#### opening hours

from Monday to Friday: 9h00-12h30/14h00-17h30 Saturday and Sunday: 9h30-13h00/14h00-17h30 Geosites: variable according to the sites, whether they are located in an open-air space or there's an interpretation centre available (upon request)

#### contact

address: Loja Interativa de Turismo do Arouca Geopark R. Abel Botelho, nº4 - Arouca tel.: +351 256 940 258/256 940 254 e-mail: geral@aroucageopark.pt www.aroucageopark.pt / www.roteirodeminas.pt GPS: N 40.929283 O -8.248117

1 Since 2009, the Arouca Geopark stands out for its internationally relevant geological heritage, which is the reason why UNESCO classified it as a Global Geopark. The region's valuable and unique heritage includes 41 geological heritage sites (geosites). The famous "Rocks Delivering Stones", whose secrets can be uncovered at Casa das Pedras Parideiras – Interpretation Centre are noteworthy, as well as the gigantic trilobites of Canelas. This can be discovered at the Geological Interpretation Centre of Canelas (CIGC), the old mining complexes of Regoufe and the Frades river, whose histories date back to the First and Second World Wars, or the Paiva Walkways, where the geodiversity and biodiversity of the Paiva river transforms the 8-km-long trail into an unforgettable view.

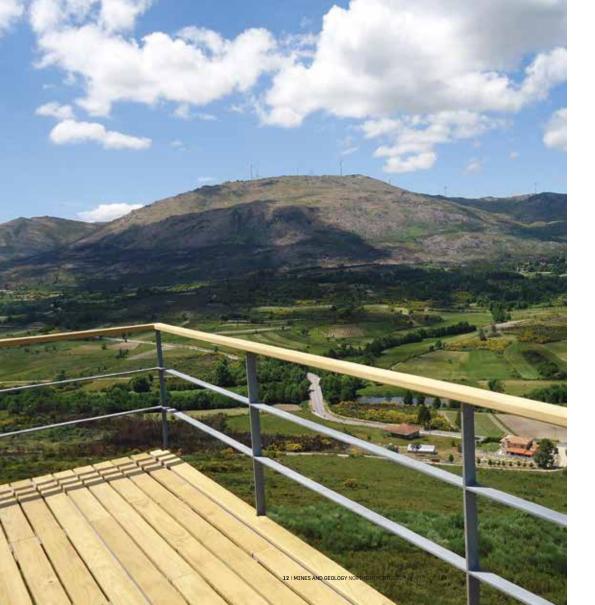




#### Arouca

Located about an hour drive from the large urban centres of Porto and Aveiro, Arouca grew around its Monastery. D. Mafalda, daughter of King Sancho I, came to live here and as a result the region became well known. In addition to the important historical and cultural heritage of the region, its natural heritage is also highly valuable. At Freita and Montemuro Mountains in particular, as well as in the Paiva river, you can feel Nature's beating heart and be dazzled by the beauty of the region's landscapes, which rest upon shale and granite that tell us the 550-million-year-old history of planet Earth. Last but not least, they are the very reason why the territory was classified as a UNESCO Global Geopark.

11 | MINES AND GEOLOGY NORTHERN PORTUGAL



# TERVA VALLEY ARCHAEOLOGICAL PARK OF BOTICAS

Crossing the great trench, visitors are faced with the most extraordinary ancient scenery of the Upper Valley of the Terva river

2 Stretching across a territory with nearly 60 km2 on the north side of the municipality of Boticas, which comprises five villages (Ardãos, Bobadela, Noqueira, Sapelos and Sapiãos), the Terva Valley Archaeological Park (PAVT) is characterized by a continuous geographical feature, with a set of historical, archaeological, ethnographic, environmental and heritage assets. These are considered relevant heritage elements of the several landscapes that shape the long human occupation of the territory. The Interpretation Centre (point 1 of the guide), located in Bobadela, is an open door to the Terva Valley Archaeological Park - visitors are welcomed here and given all the relevant information, allowing them to visit/explore the territory autonomously.

The information, presented in a didactic, appealing and sensory way, enables the visitors to discover the territory's multiple heritage assets while enjoying the landscape and the heritage in loco, through routes that include thematic tours. From this point, you can start your visit to the different sites, of which we should like to highlight the Roman Gold Mines: Limarinho Mine (point 2), Poco das Freitas Mine (point 3) and Brejo Mine (point 4). Located east of the Calvão Stream, the operation front of Limarinho corresponds to an open-pit gold mine, exploited extensively from the mid-1st century and the 4th century onwards. Crossing the great trench, which provides access to the exploitation's core from the stream shore, vou can admire in detail the most



extraordinary ancient scenery of the Upper Valley of the Terva river today. The Poco das Freitas Mine is located south of Limarinho and is characterized by a lagoon with a small "islet" at the centre. The Poço das Freitas is also the result of the mining activity during the Roman period. The Brejo Mine is another one of the large mining fronts dating back from the Roman period in the Upper Valley of the Terva river, covering an area of approximately 12 ha, in the vicinity of Bobadela village. After the mining activity was abandoned, a lagoon was formed, teeming with life. As a consequence, today, it is possible to observe the rich variety of species that live here in a bird watching observatory specifically built for this purpose.

#### opening hours

from Tuesday to Saturday: 10h00-12h30/14h00-17h30

#### contact

address: CI PAVT / Terva Valley Archaeological Park Interpretation Centre
Bobadela
tel.: +351 276 410 200
e-mail: pavt@cm-boticas.pt
www.cm-boticas.pt / www.roteirodeminas.pt

GPS: N 41.73086 0 -7.61837





## S. PEDRO DA COVA MINING MUSEUM – CASA DA MALTA GONDOMAR

The museum owns the corporate archive of the Coal Mining Company of S. Pedro da Cova: maps, plans, books and the workers' registration logs

3 Established in 1989 in one of the old Casas da Malta, the current Mining Museum is aimed at developing, revitalizing and promoting the mining and geological heritage of S. Pedro da Cova. After the Coal Mining Company was closed, the people designed a series of actions that made it possible to collect the objects and the industrial mining documentation. After acquiring one of the old Casas da Malta, and with the collection of these objects and documents, the Parish Council of S. Pedro da Cova managed to open the Mining Museum, which is devoted to industrial, mining and geological issues. The Mining Museums permanent exhibition is divided into two sections: the geological section, with mineral coal samples and vegetable and animal fossils that represent

the evolutionary period of the Earth; and the Industrial section, where artefacts used during the extraction, treatment and dispatching of coal, as well as personal objects that prove the existence of such mining identity, are gathered. The Museum also owns the corporate archive of the Coal Mining Company of S. Pedro da Cova: maps, plans, books and the workers' registration logs.

Guided tours to the Museum and S. Pedro da Cova's mining heritage are only available if booked in advance, mainly to ensure the better planning of the tour and activities. Groups are accepted from 2 to 30 people. The tours are free and last approximately 1h15.

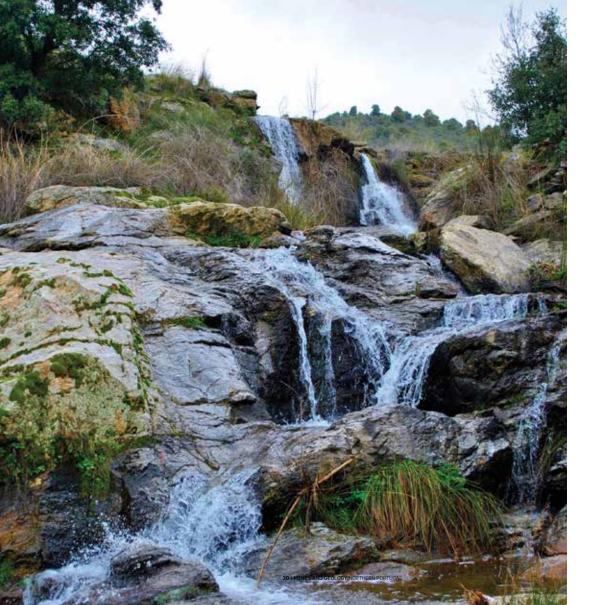




#### Gondomar

Located in the heart of coastal Douro, Gondomar is a Municipality with strong and distinctive traditional marks. The different tourist attractions, based on its rich history and culture, range from the goldsmith's art - an ancient form of art characterized by its endless attention to detail - to its culinary secrets, born of a priceless gastronomic heritage. Tourism rests upon the pillars of authenticity and the quality of the products. In Gondomar, the tourist offer is based on the excellent natural resources provided by the unique river and mountain landscapes, but also by the rich heritage, in which the cuisine, as a form of culture "at the table", is considered a high-quality product, offering absolutely unique experiences to the most

demanding visitors. Embraced by the Douro river and its outstanding landscape, Gondomar waits for you and invites you to enjoy the traditional knowledge and flavours of incomparable quality offered by people with a golden heart.



## TERRAS DE CAVALEIROS GEOPARK, UNESCO GLOBAL GEOPARK MACEDO DE CAVALEIROS

## This geological heritage provides evidence of the existence of two old continents and an ocean

#### opening hours

9h00-16h00

Visiting hours vary according to the tour booking.

#### contact

Terras de Cavaleiros Geopark Association address: Rua Eng. Moura Pegado, r/c - Centro Cultural Macedo de Cavaleiros

tel.: +351 278 428 101/917 859 608 e-mail: geral@geoparkterrasdecavaleiros.com www.geoparkterrasdecavaleiros.com; www.roteirodeminas.pt

**GPS:** 41°32′16.15″N 6°58′08.29″W

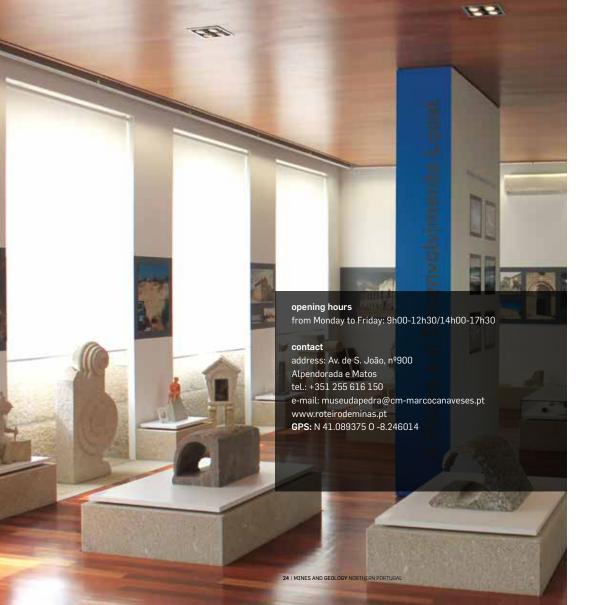
4 The territory of the Terras de Cavaleiros Geopark corresponds to the area of the municipality of Macedo de Cavaleiros. In this 700 km<sup>2</sup> area, the high geological value is combined with the remarkable natural and historical heritage, its cultural identity, the local products, a rich cuisine and the hospitality of its people. The Terras de Cavaleiros Geopark is recognized by the European and Global Geopark Network and was classified as a UNESCO Global Geopark. The territory of Terras de Cavaleiros Geopark comprises a remarkable geological heritage that proves the existence of two old continents and an ocean, thus enabling the observation of the complete sequence of a continental and oceanic crust. 42 geosites with a high scientific value have been identified in the Terras de Cavaleiros Geopark, allowing visitors to travel to the interior of the Earth.





#### Macedo de Cavaleiros

Established in 1853, Macedo de Cavaleiros is the youngest municipality of the district of Bragança. With an area of approximately 700km², the municipality comprises 67 villages, which are part of 30 Parishes and *Uniões de Freguesia* (parish clusters). Located right in the "heart" of the northeastern region of Trás-os-Montes, Macedo de Cavaleiros is bordered by 7 of the other 11 district's municipalities.



## MUSEU DA PEDRA (MARCO DE CANAVESES STONE MUSEUM) MARCO DE CANAVESES

The stone that shapes the life of this village and the municipality of Marco de Canaveses stands out as a monument to its culture

(5) The Marco de Canaveses Stone Museum (Museu da Pedra) has more to it than meets the eye. The exhibition on permanent display corresponds to the first phase of a project that is aimed at expanding the Museum's horizons. In the future, the museum complex will include different nuclei, larger, more dynamic and innovative.

From the centre of the Stone Museum, located in Alpendorada and Matos, the museum will reach across other areas of Marco de Canaveses, so as to show that relationship with the stone is an ancient matrix of the municipality. The stone that so many poets write about is here, living in a perpetual dialogue: through the primordial relationship with mankind; as an instrument for the Arts; and as the basis of local wealth.

The stone that shapes the life of this village and the municipality stands out as a monument to its culture – so that everyone can feel that the stone belongs to them while feeling comfortable around it and its culture.





#### Marco de Canaveses

Marco de Canaveses can be distinctively identified by the rivers that border the area: the Douro river and the Tâmega river. The Carrapatelo and Torrão reservoirs offer good conditions for water sports.

The Tâmega River Park, the pier, the Bitetos river beach and the City Leisure Park of Alpendorada are charming places where you can relax and exercise.

Here, you can visit the Roman city of Tongóbriga, take a Roman route and be dazzled by the modern architecture while visiting the Church of Santa Maria, which was designed by Portuguese architect Siza Vieira. Nature lovers will enjoy seeing Aboboreira and Montedeiras mountains and the Arados Hill Fort, where you can take

relaxing walks and find prehistoric remains. We recommend our seven Short Routes (PR – Pequenas Rotas) that include a close contact with nature and the opportunity to explore the architectural heritage.



## MUSEU DOS JAZIGOS MINERAIS PORTUGUESES (MUSEUM OF PORTUGUESE MINERAL DEPOSITS) MATOSINHOS

## The museum includes a collection of mineral paragenesis deposits that were (or are) exploited in mines

#### opening hours

Thursday: 14h30-17h30 (visits in any other day must to be booked in advance)

#### contact

address: Rua da Amieira S. Mamede de Infesta tel.: +351 220 400 000

e-mail: laurentino.rodrigues@lneg.pt http://www.lneg.pt/iedt/unidades/26/paginas/76

www.roteirodeminas.pt **GPS:** N 41.18575 0 -8.625239

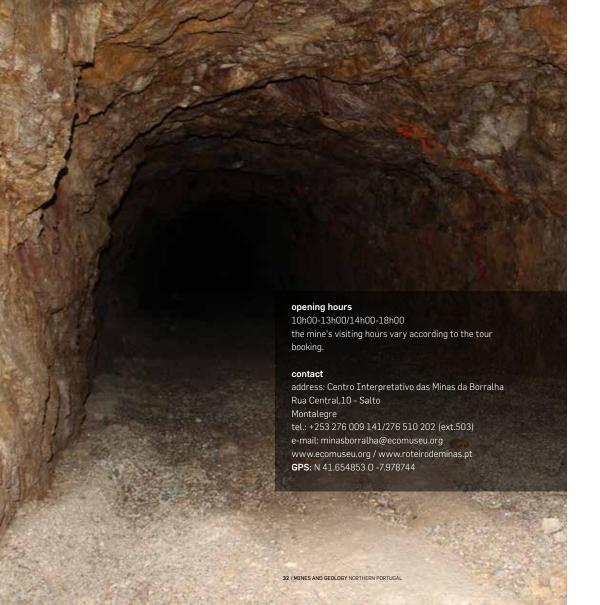
6 The Museum of Portuguese Mineral Deposits (Museu dos Jazigos Minerais Portugueses) is located within the facilities of the National Laboratory on Energy and Geology (LNEG) in S. Mamede de Infesta. Here you can find an important collection of mineral paragenesis deposits that were (or are) exploited in mines. At the Museum, you can find different types of mineral deposits, and the ones we will now mention are significant given its recent or current economic importance: copper and zinc, from the Pyrite Belt of Alentejo (Lousal, Aljustrel, Neves Corvo), iron (Moncorvo), tin and tungsten (Panasqueira, Borralha, Arga Mountain), gold and silver (Jales, Penedono), uranium (Urgeirica), lithium (Guarda, Mangualde, Barroso), among others.





#### Matosinhos

Located on the right bank of the Douro river, Matosinhos is one of the largest cities of the district of Porto. In the municipality of Matosinhos, the history of mankind has left behind the marks of a millennial civilizational journey, whose memory, rich in traditions, cultures and civilizations, still endures in a valuable heritage where the past is combined with renovation and modernity. The tourist side of Matosinhos is inevitably based on its cuisine, contemporary architecture and a large, impressive coastline.



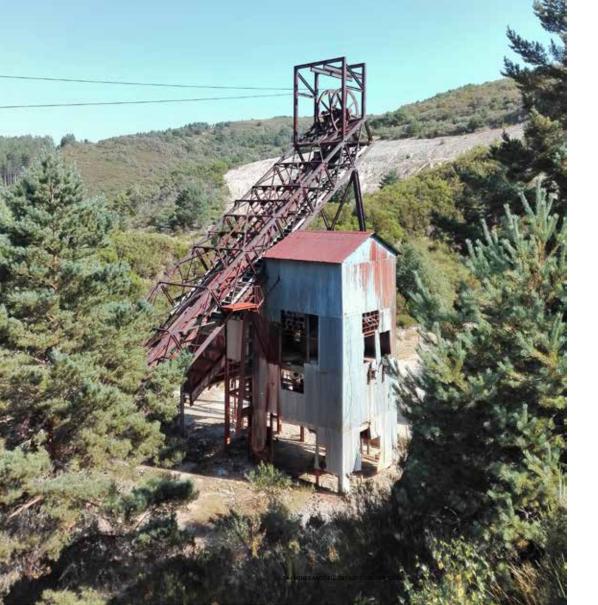
## BARROSO ECOMUSEUM INTERPRETATION – CENTRE OF THE MINES OF BORRALHA

MONTALEGRE

## These mines, a landmark of the Mining and Industrial Heritage, are a precious geological/lithologic treasure

7 The need to safeguard a vast mining and industrial heritage in its most varied forms has led the municipality of Montalegre and the Barroso Ecomuseum to design a project capable of upholding the responsibility of designing a local development strategy. As a result, the Barroso Ecomuseum -Interpretation Centre of the Mines of Borralha was created in 2015. The purpose of the Ecomuseum is to support the visit to the several infrastructures created during the time when tungsten extraction mines were active (1902-1986). Group D (the reception area), the Foundry, the House of Compressors and the Archive, which have recently been converted into museums, do stand out. The collection of documents and the geological estate are also kept here.

These mines, the landmark of the Mining and Industrial Heritage, are considered a precious geological/lithologic treasure. The mineralization of the Mines of Borralha occurs in veins that can be catalogued into two main types: I) veins of quartz with wolframite mineralization, scheelite and sulphide; and II) aplitopegmatite veins mineralized with cassiterite. The two hiking trails, already signposted, allow you to explore the entire mine.





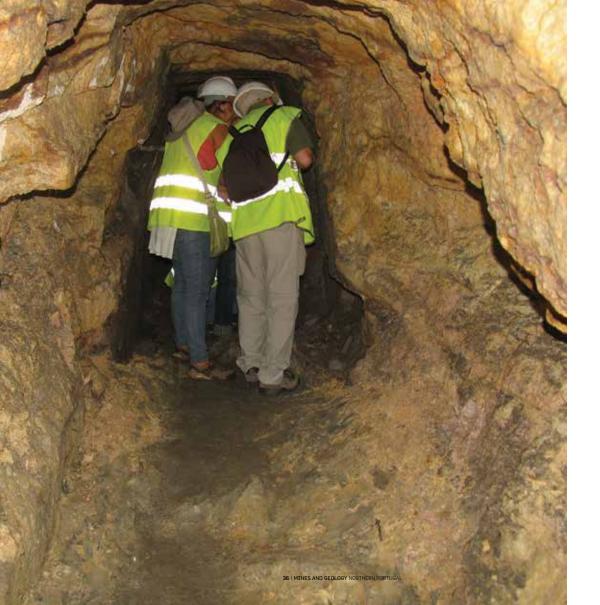
#### Montalegre

Based on an incredible rich heritage and a unique collective imaginary, we should like to invite you to embark on a journey through the treasury of the *barrosã* essence.

Montalegre is a tourist destination due to the variety and rarity of its landscapes and biodiversity. Stretching across a border with more than 70 km that is shared with southern Galicia and covering over 800 km2, this "piece of land" boasts unique and distinctive elements.

In order to safeguard these elements, a project was designed with the purpose of upholding the responsibility of designing a development and community involvement strategy: the Barroso Ecomuseum. From

this point forward, you can start exploring the best of what the "wonderful kingdom" has to offer you.



## CASTROMIL GOLD MINES PAREDES

## This project has a strong teaching component addressed to everyone

#### opening hours

from Monday to Friday: 9h00-12h30/14h00-17h30 (advance booking is required)

#### contact

address: Lugar de Castromil – Sobreira Paredes

tel.: +351 255 788 973

e-mail: arqueologia@cm-paredes.pt www.fc.up.pt/pessoas/allima/Castromil

www.roteirodeminas.pt **GPS:** N 41.15476 O -8.38913

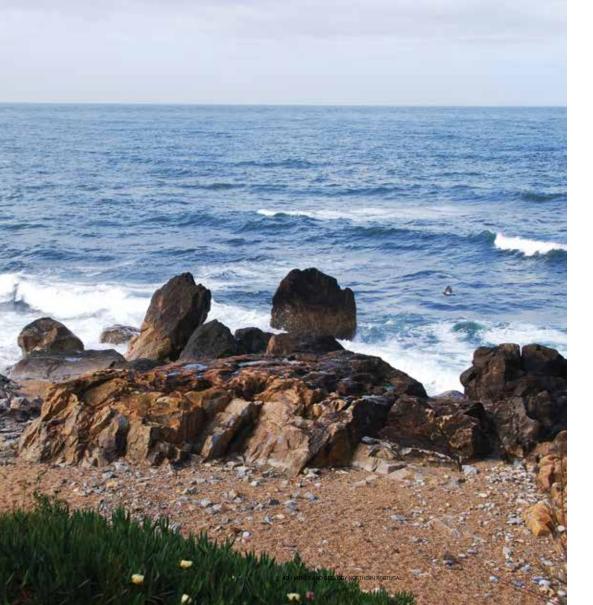
8 The Castromil Gold Mines have a deposit of gold whose archaeological evidence proves that the Romans actually engaged in auriferous extraction activities approximately 2000 years ago. Here you can see the open ore extractions and numerous subterranean works. In Castromil, there are also clear relevant geological occurrences, such as structural, mineralogical, lithologic, palaeontological elements, etc. This heritage has been the subject of a scientific research project developed by the municipality of Paredes in partnership with the University of Porto. Therefore, this project has a strong teaching component addressed to everyone, and which has now been significantly improved by the Interpretation Centre of Castromil and Banjas Gold Mines.





#### Paredes

Paredes is part of the Metropolitan Area of Porto and connects it to the North Region's inland territory. Stretching across 156 km2, it benefits from extraordinary location and accessibility conditions. Linked by four highways and just a few minutes drive from the main international exits, Paredes is a municipality with a strong historical and cultural heritage. In order to discover the wonders of this territory, visitors are invited to admire the beauty and tranquillity of its mountains and valleys. Enjoy its modern infrastructures, its culinary delights or the different outdoor activities on offer. You can also take the time to admire Paredes' rich archaeological and architectural heritage. Ready to get to know Paredes?



## FOZ DO DOURO GEOLOGICAL TOUR PORTO

## The seashore rocks of the city of Porto are among the oldest coastal rocks found in Portugal

#### opening hours

advance booking is required

#### contact

address: Rua S. Dinis, nº249 - Porto

tel.: +351 228 349 490 e-mail: pgfd@cm-porto.pt

www.cm-porto.pt/pgfd; http://pgfd.wordpress.com

www.roteirodeminas.pt **GPS:** N 41.152671 0 -8.678539

① The seashore rocks of the city of Porto are among the oldest coastal rocks in Portugal and are considered a geological heritage with highly scientific and teaching relevance — the Foz do Douro Metamorphic Complex, duly classified as a Municipal Natural Heritage site. In April 2005, a thematic tour known as Foz do Douro Geological Tour (Passeio Geológico da Foz do Douro) was created to promote such heritage, and included nine information signs for the general public.



## **FEUP MUSEUM** PORTO

## The Museum is part of the museological group of the Department of Mining Engineering

#### opening hours

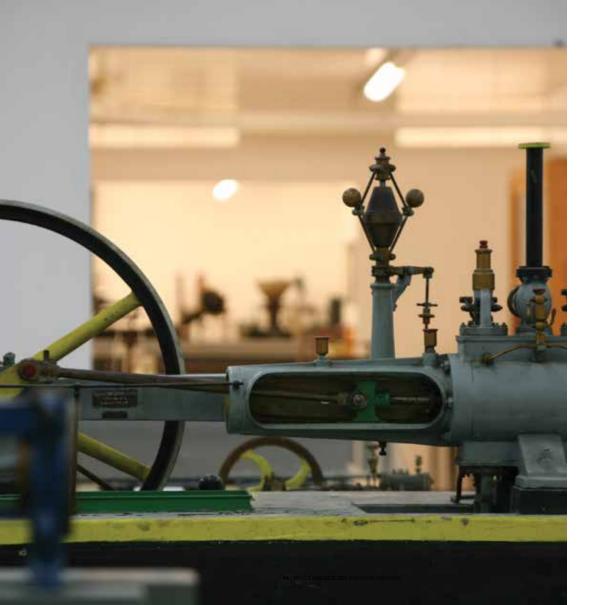
advance booking is required

#### contact

address: Rua Dr. Roberto Frias, s/n - Porto tel.: +351 225 081 442 e-mail: roteirominas@fe.up.pt http://inarte.fe.up.pt/inweb www.roteirodeminas.pt GPS: N 41.17890 O -8.59978

Based on a polynucleate museum model, the Museum of the Faculty of Engineering of the University of Porto (FEUP Museum) is part of the museological group of the Department of Mining Engineering, among others. The Museum includes material and intangible examples that are representative of the history of mining research and teaching at FEUP.

This Department was able to preserve a group of scientific instruments and pedagogical models, as well as support instruments for carrying out experimental activities and different research products developed by the faculty.



## **ISEP MUSEUM** PORTO

This museum showcases scientific instruments and a bibliographic collection that includes reference works on the field

#### opening hours

from Monday to Friday: 9h30-12h30/14h00-17h00

#### contact

address: Rua Dr. António Bernardino de Almeida, nº431 Porto

tel.: +351 228 340 508 e-mail: museu@isep.ipp.pt www.isep.ipp.pt/museu/ www.roteirodeminas.pt **GPS:** N 41.17038 O -8.56934 The ISEP Museum showcases scientific instruments, teaching models and other objects that have become part of the Institute and the auxiliary teaching units throughout the years, thus creating a collection that comprises almost all of the engineering domains that are taught in this institution: from physics to electrical engineering, from mathematics to mechanical engineering, from chemical engineering to civil engineering, as well as mineralogy and design.

The Museum has a substantial bibliographic collection that includes reference works, such as the encyclopaedia by Diderot and Alembert, a precious physics book by Musschenbroeck or an architecture book by Leon Battista Alberti.



## MONCORVO REGIONAL AND IRON MUSEUM TORRE DE MONCORVO

The region of Moncorvo has one of the largest mineral deposits of iron in Europe, magnetite and haematite

#### opening hours

summer: 10h00-12h30/14h00-18h00 winter: 9h30-12h30/14h00-17h30 It is closed on Mondays, 1 January, 19 March, Easter Sunday, 1 May and 25 December

#### contact

address: Largo Dr. Balbino Rego, nº9
Torre de Moncorvo
tel.: +351 279 252 724
e-mail: museu-ferro@hotmail.com;
www.mfrm-cdoc.blogspot.com
www.roteirodeminas.pt
GPS: N 41.17336 O -7.05335

10 The region of Moncorvo has one of the largest mineral deposits of iron in Europe (magnetite and haematite, which are abundant in the region). This mineral richness has been exploited since the Roman period, with some possible interruption periods, until the end of the 18th century, in line with the metallurgical activity and forge works. The large-scale extraction, planned since the 19th century, would only become a reality with the Ferrominas, between 1951 and the 80s of the 20th century. The Moncorvo Regional and Iron Museum was created in order to preserve this long history, thus being able to contextualize it in other dimensions of the local reality (archaeology, ethnography, built heritage). Nowadays, the Museum is located in the Historical Centre of Torre de Moncorvo, next to the Main Church (National Monument).





#### Torre de Moncorvo

Located in the sub-region of the Alto Douro, Torre de Moncorvo is embraced by the Demarcated Region of "Port Wine" and by the area classified by UNESCO as a World Heritage site. In order to visit this village, our advice is that you prepare an itinerary and explore all the natural and built heritage of the municipality. We also recommend that you visit the Historical Centre and the Mediaeval Centre on foot, where you can find churches, chapels, manor houses and fountains. The legacy of the past blends with the excellent service that visitors can experience both when tasting the delicious cuisine in the local restaurants or in the several "handicraft workshops", which sell regional products and make the famous

covered almond of Moncorvo. In Portugal's tourist itinerary, Torre de Moncorvo combines tradition with a warm welcoming. Do take a bit of us with you, share it and come back for new experiences.



### PALAEOZOIC PARK VALONGO

The geological formations, which are more than 400 million years old, and the Palaeozoic's fossiliferous deposits are noteworthy

#### opening hours

Visits to the Environmental Interpretation Centre and guided tours must be booked in advance

#### contact

address: Câmara Municipal de Valongo Avenida 5 de Outubro, nº160 - Valongo tel.: +351 222 426 490/911 042 398 e-mail: turismo@cm-valongo.pt www.cm-valongo.pt / www.roteirodeminas.pt facebook.com/municipio.valongo **GPS:** N 41.18511 0-8.49721 1 The Palaeozoic Park of Valongo is located in Santa Justa and Pias Mountains, a Natura 2000 Network Site. The project, which was developed in partnership with the University of Porto, has a diversified geological, archaeological, cultural and biological heritage. Its geodiversity is of significant relevance, with geological formations that are more than 400 million years old and fossiliferous deposits from the Palaeozoic period. The several caves, evidence of the auriferous exploitation carried out by the Romans in the 1st and 2nd centuries, are noteworthy. The Environmental Interpretation Centre (Centro de Interpretação Ambiental), located in Rua Santa Helena, is the reception area of this journey through time. The signposted hiking trails allow the visitors to explore the Park.



## **LOUSA MUSEUM** VALONGO

A collection and a series of documents concerning slate, from the moment of its extraction to the different types of transformation it goes through, is being exhibited at the museum

#### opening hours

advance booking is required

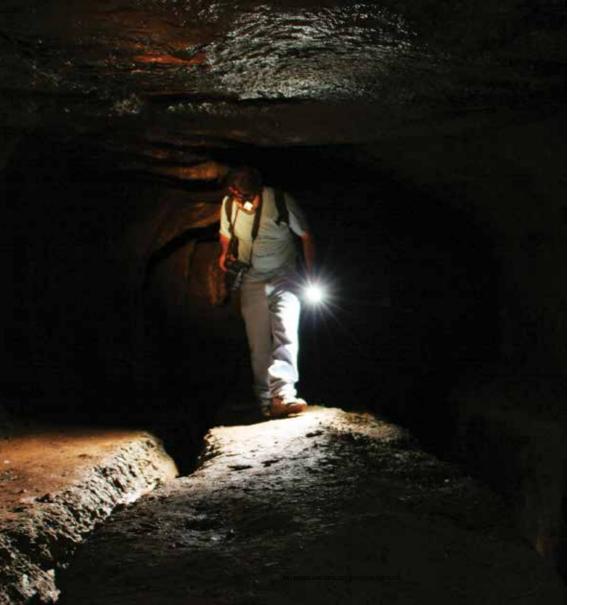
#### contact

address: Travessa de São Domingos Campo Valongo

tel.: +351 911 034 687/911 034 971 e-mail: Museus.Municipais@cm-valongo.pt www.cm-valongo.pt / www.roteirodeminas.pt facebook.com/municipio.valongo

**GPS:** N 41.18135 O -8.47688

11 The museum comprises 3 houses that were built using a traditional technique, which was also used to build the exterior wall. The first house resembles the house of a miner, with the kitchen, the sleeping areas and the workshop, where the women and children used to make small pieces of slate during the evening to supplement the very small wages earned at the mine. In the other 2 houses. you can find a collection and a series of documents concerning slate, from the moment of its extraction to the different types of transformation it goes through. The group of machines used during the creation of school slates, used for generations by students from all around the world, is noteworthy.



## ROMAN MINE COMPLEX OF TRESMINAS VILA POUCA DE AGUIAR

A visit to the interior of the mine galleries is a unique opportunity to get in touch with nature and the local history

#### opening hours

from Monday to Sunday: 10h00-18h00 advance booking is required

#### contact

Interpretation Centre of Tresminas address: Largo do Cruzeiro, nº1 5450-296 Tresminas tel.: +351 259 458 091 e-mail: geral@tresminas.com www.tresminas.com / www.cm-vpaguiar.pt www.roteirodeminas.pt

**GPS:** N 41.495883 O -7.648603

12 "The most important Roman mines in Portugal were unquestionably the Three Mines (Vila Pouca de Aguiar)" (Jorge Alarcão 1988: 123). From the Archaeological Park of Tresminas viewpoints, visitors can enjoy a panoramic view of the Roman gold exploitation cuts. A visit to the interior of the mine galleries, only made with a guide, is a unique opportunity to get in touch with nature and the local history. At the Interpretation Centre of Tresminas and Vila Pouca de Aquiar Municipal Museum, the materials on display from the researches that have been conducted actually show the importance of mining in the northwest of the Peninsula.





#### Vila Pouca de Aguiar

The municipality of Vila Pouca de Aguiar is located north of the district of Vila Real, between Alvão and Padrela mountains. Set in a region characterized by the soil's fertility and a typical climate of the Cold Land (Terra Fria) of Trás-os-Montes, the municipality reveals a strong farming activity, where cereals, potatoes and vegetables are grown. In the valleys, the pasture feeds an important part of the cattle, whereas basketry is the greatest example of the local handicraft. Community life is quite active in this municipality, with multiple associations and groups, namely the three hunting and fishing associations.



# FERNANDO REAL GEOLOGY MUSEUM - UTAD VILA REAL

### A lively space where we can find answers for multiple questions concerning the Earth Sciences

#### opening hours

from Monday to Friday: 9h30-12h00/14h00-17h00 guided tours must be booked in advance: gci@utad.pt

#### contact

address: Quinta de Prados Vila Real

tel.: +351 259 350 207 e-mail: museugeo@utad.pt www.museugeologia.utad.pt www.roteirodeminas.pt

facebook: Museu de Geologia da Utad

**GPS:** N 41.28608 O -7.73925

13 The Fernando Real Geology Museum was established in 1986, just like the University of Trás-os-Montes and Alto Douro (UTAD). The Museum comprises a large collection, much of which is due to the generosity of its benefactors. Among the thousands of mineral pieces, rocks and fossils from all over the world, the samples from the main Portuguese mines do stand out. The temporary exhibitions renew the public's interest to visit the Museum. The main purpose of the museum is to create a lively space where visitors and the students from UTAD can find answers for multiple questions concerning the Earth Sciences. The Museum also aims to promote the scientific, technical and cultural works of the University and offer the possibility of interacting with other partners in different fields.





#### Vila Real

The city of Vila Real is located at an altitude of approximately 450 meters, on the banks of the Corgo river, tributary of the Douro river. The city is located on a valley surrounded by high mountains, in which Marão and Alvão mountains do stand out.

The municipality of Vila Real keeps its strong rural characteristics without disregarding the urban features of its headquarters. Nowadays, Vila Real is living up to the momentum generated by the increasing development in industry, trade and services, especially in the areas of health, teaching and tourism, thus being presented as a highly attractive place for external investment.

#### AROUCA

#### WHAT TO DO

Onshore: pedestrianism (15 hiking trails – Short and Long Routes), mountain biking, slide, climbing On water: rafting, canoeing, canyoning, kayaking

#### WHAT TO SEE

Geosites Route, especially the Geological Interpretation Centre of Canelas (CIGC) and the Pedras Parideiras House, the Regoufe and Rio de Frades old mining complexes, the Paiva river and its Walkways, Senhora da Mó Hill where you can enjoy one of the best panoramic views over the Arouca valley, Frecha da Mizarela waterfall, Aguieiras waterfall and Côto do Boi. Don't miss the chance to visit the Sacred Art Museum and the Municipal Museum located in the historical centre of Arouca

#### WHAT TO EAT

Arouquesa roasted veal, arouquesa steak, alvarenga steak, gralheirastyle roasted kid goat, convent sweets: sweet chestnuts, almond cigars, almond twist, sweet black pudding, manjar de língua and barrigas de freira (typical sweets), and bola de S. Bernardo (a traditional ball-shaped cake); regional sweets: Arouca sponge cake, melindres, cavacas and

pedras parideiras (typical sweets) and pumpkin cornbread. We recommend the region's liqueurs and the vinhos verdes.

#### **FESTIVALS**

Harvest Fair last week of September, Arouca Historical Reenactment July, Arouca Chestnut Festival last weekend of October, Arouca Rainha Santa Mafalda Festival 2 May, Arouca Senhora da Lage Festival 3 May, Merujal – Freita Mountain

#### INTERACTIVE TOURIST SHOP

address: R. Abel Botelho, nº4 tel.: +351 256 940 258 e-mail: turismo@aroucageopark.pt www.cm-arouca.pt

#### **BOTICAS**

#### WHAT TO DO

Pedestrianism, mountain biking, four-by-fours, orienteering, climbing, paragliding

#### WHAT TO SEE

Nadir Afonso Arts Centre, European Centre for the Documentation and Interpretation of Castro Sculptures (CEDIEC), Barroso Ecomuseum - Boticas Rural Museum, Wine of the Dead Warehouse, Terva Valley

Archaeological Park (PAVT), Boticas Park - Nature and Biodiversity, Cubo Mill, Calaico-Lusitano Warrior, Alturas do Barroso Viewpoint, Seirrãos Viewpoint, Carvalhelhos Hill Fort. Outeiro do Lesenho Hill Fort, Sta. Maria Madalena Parish Church. Boticas Parish Church, Sapiãos Romanesque Church, S. Pedro Parish Church, Beca Romanesque Church, Covas do Barroso Romanesque Church, Shrine of Senhor do Monte, Anthropomorphic Tombs. Shrine of the Divine Saviour of the World (Divino Salvador do Mundo), Pedrinha Bridge above the Beca river. Covas do Barroso Cross. Community Oven, Medeiros House Walkways, Pillory of Dornelas.

#### WHAT TO EAT

Regional specialities: rye bread,
Easter cake, smoked ham, chouriço
(a type of smoked sausage),
chouriça de farinha (also known as
farinhotas, it's a type of smoked
sausage), spicy pork sausage, thick
pork sausage, rye meatloaf.
Regional dishes: Barrosão soup,
cozido à Barrosã (typical dish made
with boiled food), roasting, pot
roast pork, wine and garlic ribs,
ribs with rice and chouriça (a type
of smoked sausage), grilled
barrosã veal, Lavrador-style
barrosã boiled yeal, barrosã yeal

stewed in the Pot, santa cruz-style roasted barrosā veal, sopa de unto (typical soup), Barroso kid goat, Barrosā steak, stuffed/fried trout with smoked ham.

Desserts: honey French toast, sonhos com mel (typical sweet), aletria (typical dessert), wine fritters, sugar fritters.

#### FESTIVALS

S. Sehastião Festival

20 January, Vila Grande (Dornelas) Senhor do Monte Festival last Sunday of July, Pinho Divino Salvador do Mundo (Divine Saviour of the World) 2<sup>nd</sup> Sunday of August, S. Salvador de Viveiro Nossa Senhora da Livração 3<sup>rd</sup> weekend of August, Boticas São Bartolomeu 24 August, Beca

#### INTERACTIVE TOURIST SHOP

address: Rua Gomes Monteiro, nº3 tel.: +351 276 410 200 e-mail: turismo@cm-boticas.pt www.cm-boticas.pt

#### GONDOMAR

#### WHAT TO DO

Water sports and outdoor sports, horse riding, camping, beach (Lomba River Beach), rural tourism, industrial tourism.

#### WHAT TO SEE

Adão Soares "Rei dos Congros" Museum, Lugar do Desenho - Júlio Resende Foundation, Júlio Resende House-studio, Casa Branca de Gramido Filigree workshops, Crasto Hill, Gondomar Main Church, Pórtico of Crasto Hill, Municipal Auditorium, Municipal Library, Gondomar "Golden Heart" Multipurpose Facility, Castanheiros Municipal Park, Gondomar's Goldsmith Monument, S. Miguel House, Rio Tinto Main Church. Quinta das Freiras homestead, Tiled panels of Rio Tinto Railway Station. Rio Tinto Bell Foundry, Lixa Marina, Foz do Sousa Main Church, Tapada do Outeiro, Companhia Industrial de Fundição, Campidouro campsite, Solar da Bandeirinha (Manor House).

#### WHAT TO EAT

Turnip soup, twist bread, lamprey rice, Bordalesa-style lamprey, fried shad, shad on a spit, fish roe with rice, fish roe panada, walnuts, "Heart of Gondomar" cake

#### **FESTIVALS**

Pilgrimage of Nossa Senhora do Rosário
1st Sunday of October, Gondomar
(S. Cosme)
S. Brás Festival
3 February, Baguim do Monte
S. Bento das Pêras
11 July, Rio Tinto
Sta. Barbara

1st Sunday of July, Fânzeres S. Jorge last weekend of April, Foz do Sousa

#### INTERACTIVE TOURIST SHOP

address: Travessa da Convenção de Gramido, nº41 tel.: +351 224 664 310 e-mail: turismo@cm-gondomar.pt www.cm-gondomar.pt

#### **MACEDO DE CAVALEIROS**

#### WHAT TO DO

Pedestrianism and mountain climbing, geological and cultural routes, package tours/tourist programmes, horse riding, hunting and fishing, orienteering and climbing, hang-gliding and paragliding, water sports.

#### WHAT TO SEE

Azibo Reservoir Protected
landscape, Casa do Careto Podence, Macedo de Cavaleiros
Cultural Centre (temporary
exhibitions), Sacred Art Museum
- Macedo de Cavaleiros, Museu do
Mel e da Apicultura (Honey and
Beekeeping Museum) - Macedo de
Cavaleiros and Bornes, Balsamão
Religious Museum - Convent of
Balsamão/Chacim, Salselas Rural
Museum - Salselas, "Solar dos
Cortiços" (Manor House), Olive Oil
Museological Group - Cortiços,
Real Filatório de Chacim (Royal

Silk Twisting Mill) – Chacim, churches, pillories.

#### WHAT TO EAT

Game dishes, casulas secas com butelo (typical dish), steak and smoked meat with greens, kid goat, wild boar, chestnut pudding, greens pie, rosquilhas (typical sweet), rice pudding, honey.

#### **FESTIVALS**

Hunting and Tourism Fair
29 January and 1 February
S. Pedro Trade and Corporate Fair
from 27 June to 5 July
Chocalheiro Shrovetide
from 15 February to 17 February
Emigrant Festival
from 4 August to 7 August
International Traditional Music
Festival
from 28 August to 30 August

#### TOURIST INFORMATION OFFICE

address: Largo Manuel Pinto de Azevedo - Casa Falcão tel.: +351 278 426 193 e-mail: turismo@cmmacedodecavaleiros.pt www.cm-macedodecavaleiros.pt

#### **MARCO DE CANAVESES**

#### WHAT TO DO

Visit the monuments included in the Romanesque Route (advanced booking: www.rotadoromanico.com);

"Two Rivers, two Monasteries" (Dois Rios, dois Mosteiros) Short Route 2: hiking trail between the Monastery of Vila Boa do Bispo and the Monastery of Alpendorada, between the Tâmega river and the Douro river;

Marco de Canaveses Wine Route (advanced booking: turismo@cm-marco-canaveses.pt).

#### WHAT TO SEE

Carmen Miranda Museum, Santa Maria do Marco Church, Roman City of Tongóbriga, Casa de Produtos Tradicionais de Bitetos.

#### WHAT TO EAT

Roasted lamb with rice cooked in the oven, lamprey, sweets and freixo's slices, S. Martinho de Soalhães pie, *biscoito alto* (typical biscuit), *pão podre* (a type of bread).

#### FESTIVALS

Endoenças
Holy Thursday, Torrão
Marco Festivals
3<sup>rd</sup> weekend of July, city centre
N. Sra. da Natividade do Castelinho
Festival
8 September, Avessadas

#### INTERACTIVE TOURIST SHOP

address: Alameda Dr. Miranda da Rocha

tel.: +351 255 538 800

e-mail: loja.turismo@cm-marcocanaveses.pt www.marcodecanaveses.pt

#### **MATOSINHOS**

#### WHAT TO DO

Itineraries: Matosinhos – Leça da Palmeira Perafita - Memória Beach Santa Cruz do Bispo - São Mamede de Infesta

#### WHAT TO SEE

Quinta de Santiago Museum, Gerardo Rueda Modern Art Centre (CAM), Matosinhos: Bom Jesus de Matosinhos Church: Piscina das Marés (Marés swimming pool): Casa de Chá da Boa Nova (Boa Nova Tea House): Casa do Mar and Roman Wash Tubs: Abel Salazar House-Museum: Lavra Primary School eb2,3 Museum; Padre Ramos Parish Museum of Lavra: Firefighter Museum: Quinta de Santiago Museum; Gonçalves Zarco School History Museum: Misericórdia de Matosinhos Museum: Museu do Linho e do Milho (Linen and Corn Museum): Sala-Museu Guilherme Ferreira Thedim: Image of Our Lord of Matosinhos (Sr. de Matosinhos); "She Changes" Anemone: Senhor do Padrão: Town Hall: Matosinhos Market: Quinta da Conceição homestead: Matosinhos Waterfront.

#### WHAT TO EAT

Matosinhos is the largest European cluster of restaurants by square feet, presenting a unique and unrivalled gastronomic offer. From the traditional grilled sardine to the most sophisticated international cuisine, and without forgetting its seafood, you will find approximately 600 restaurants in Matosinhos. The city maintains its tradition, serving great quality seafood and, above all, fresh fish that arrives every day from Matosinhos and Angeiras' fish markets.

#### **FESTIVALS**

Sr. de Matosinhos Festival (Our Lord of Matosinhos) 51 days after Easter, Matosinhos Mártir S. Sebastião Festival 2<sup>nd</sup> weekend of July, Matosinhos Sea Festival (annually) from June to October, Matosinhos and Leça da Palmeira dining area Santo António do Telheiro Festival 1<sup>st</sup> week of September, S. Mamede de Infesta (Lugar do Telheiro)

### INTERACTIVE TOURIST SHOP MATOSINHOS

address: Av. General Norton de Matos tel.: +351 229 392 412 e-mail: turismo@cm-matosinhos.pt www.cm-matosinhos.pt

### TOURIST INFORMATION OFFICE LECA DA PALMEIRA

address: Rua Hintze Ribeiro tel.: +351 229 392 413 e-mail: turismo@cm-matosinhos.pt www.cm-matosinhos.pt

#### MONTALEGRE

#### WHAT TO DO

Pedestrianism: Farrista Trail, Borralha - Short Route; Miner Trail, Borralha - Short Route, D. Nuno Trail, Salto - Shortl Route, outdoor sports, beach (Venda Nova River Beach), mountain biking, four-byfours

#### WHAT TO SEE

Barroso Ecomuseum -Interpretation Centre of the Mines of Borralha: Foundry; Lavarias (ore processing residues). Refining. Stockwerk; Barroso Ecomuseum - Padre Fontes Space (headquarters); Barroso Ecomuseum - The Herd and the Mountain: Barroso Ecomuseum -Casa do Capitão, Boarding house, Borralha Church, Torrão da Veiga Leisure Park, Salto Main Church, Megalithic Dolmen, "Mesa do Galo" Mini-hydroelectric Plant, Venda Nova River Beach. Mizarela Bridge, Montalegre Castle, Peneda-Gerês National Park

#### WHAT TO EAT

Cornbread, traditional smoked meat (smoked ham; thick pork sausage; bread and garlic sausage; sangueira, chouriça and farinheira - different types of smoked sausages), Barroso steak, cozido à Barrosā (typical dish made with boiled food), Barrosā veal, roasted/ stewed Barroso kid goat, chicken blood rice (also known as pica no chão), lamb, caldo verde (typical soup)

#### FESTIVALS

Sta. Bárbara
4 December, Borralha
Friends of Borralha Annual Meeting
1st weekend of July, Borralha
Barrosão Week, Salto
Folk Dance Groups Meeting, Venda
Nova

#### INTERACTIVE TOURIST SHOP

address: Ecomuseu de Barroso – Espaço Padre Fontes Terreiro do Açougue, nº11 tel.: +351 276 510 203 e-mail: turismo@cm-montalegre.pt www.cm-montalegre.pt

### PAREDES

#### WHAT TO DO

Nossa Senhora do Salto nature reserve, "Alvre Trail" hiking trail, "Pilgrimage Trail" hiking trail, "Sobrosa Roads" hiking trail, landscape observation at Castro do Muro de Vandoma/Baltar Viewpoint, maintenance trails and break period at the City Park.

#### WHAT TO SEE

Church of the Monastery of São Pedro de Cete, Chapel and cross of Nossa Senhora do Vale, Aguiar de Sousa Castle Tower, São Cristóvão de Louredo Church, Pillory and Gallows, São Tomé de Bitarães Church, Cimo de Vila Aqueduct, Alcoforados Tower, Quintã or Nossa Senhora da Piedade Chapel, Paredes Public Art Open Circuit.

#### WHAT TO EAT

Make sure you have plenty of time to discover the rich flavours of the local cuisine. Recipes and flavours that go back generations are served every day in places that still hold on to the hospitality of the people of Paredes: roasted kid goat with rice cooked in a firewood oven, Paredes-style pork tenderloin, sopa seca (typical soup), doce cavaco (typical sweet) and vinhas verdes

#### FFSTIVALS

Festivals of the City of Paredes in honour of the Patron Saint Divino Salvador 3<sup>rd</sup> weekend of July, Castelões de Cepeda Festival of the City of Lordelo in honour of the Patron Saint Divino Salvador de Lordelo last weekend of July, Lordelo Festival of the City of Rebordosa in honour of the Patron Saint of S. Miguel

1st Sunday of July, Rebordosa N. Sra. dos Chãos Festival 7 September and 8 September, Bitarães

#### INTERACTIVE TOURIST SHOP

address: Largo da Estação, nº227 tel.: +351 255 788 952 e-mail: turismo@cm-paredes.pt www.cm-paredes.pt

#### **PORTO**

#### WHAT TO DO

Discover the Historical Centre on foot while following the Neoclassic, Mediaeval, Tiled or Baroque route: cruise down the Douro; discover the city by tram; enjoy the cycle paths; go on a Segway tour; take a helicopter ride; explore the city in a panoramic bus; sightseeing tours; mini-train tours; buy products in typical, traditional, gourmet and alternative stores, in national and international fashion designers stores, or in the several fairs and markets; go out at night in downtown Porto: watch the sunset from an outdoor café: taste the Port Wine; try the local cuisine; go for a swim in the Atlantic Ocean, in a blue flag beach; relax in the city's green spaces, observing the fauna and flora; watch a soccer game at Estádio do Dragão and relax at a Spa.

#### WHAT TO SEE

S. Bento Railway Station. Fernandina Wall, Santa Clara Church, Luis I Bridge, City Council's House, Cathedral, Ribeira Square: "Casa do Infante" (Alfândega Velha), Churchmonument of São Francisco (St. Francis of Assisi). Stock Exchange Palace, Santa Casa da Misericórdia Church, Clérigos Church and Tower, Bolhão Market, Majestic Café, Lello Bookshop, Soares dos Reis National Museum, Crystal Palace Gardens, Miguel Bombarda Block: Exhibition centres and Art Galleries. Serralves Foundation. "Casa da Musica" (House of Music), Press National Museum. Transportation and Communication Museum, São Francisco Xavier Fort, SeaLife Porto, City Park, Water Pavilion

#### WHAT TO EAT

Tripas à Moda do Porto (Porto's traditional stew), Gomes de Sástyle codfish, caldo verde (typical soup), cornbread, roasted kid goat, francesinha (typical dish).

#### FESTIVALS

S. João (St. John's Festival) the entire month of June (the festival highlight is on 23 and 24 June), Porto N. Sra. da Saúde Festival late July until 15 August, Paranhos Senhora do Porto Festival 3<sup>rd</sup> Sunday of September, Bonfim S. Bartolomeu Festival late August, Foz do Douro

#### TOURIST INFORMATION OFFICE

City centre address: Rua Clube dos Fenianos, nº 25 GPS: N 41.150175 0 -8.611200 tel.: +351 223 393 472 e-mail: visitporto@cm-porto.pt www.visitporto.travel

#### SÉ (HOUSE OF THE CITY COUNCIL)

address: Terreiro da Sé GPS: N 41.142741 O -8.612164 tel.: +351 223 393 472 e-mail: visitporto@cm-porto.pt www.visitporto.travel

#### IPOINT ALIADOS (KIOSK)

address: Rua Sampaio Bruno c/ Praça da Liberdade GPS: N 41.146830 O -8.610920 tel.: +351 223 393 472 e-mail: visitporto@cm-porto.pt www.visitporto.travel

#### IPOINT RIBEIRA (MAY-OCT.)

address: Ribeira Square

GPS: N 41.140467 O -8.612793 tel.: +351 223 393 472 e-mail: visitporto@cm-porto.pt

www.visitporto.travel

#### IPOINT CAMPANHÃ (TICKET OFFICE)

address: Campanhã Railway Station GPS: N 41.148793 O -8.585853 tel.: +351 223 393 472 e-mail: visitporto@cm-porto.pt www.visitporto.travel

#### PORTO WELCOME CENTRE

address: Praça Almeida Garrett, nº27 4000-069 Porto tel.: +351 258 820 270 e-mail: loja.pwc@portoenorte.pt www.portoenorte.pt

## TORRE DE MONCORVO WHAT TO DO

Leisure and Sports: Foz do Sabor River Beach - canoeing, watercraft and paddle boat; mini-cruise on the Douro river, Sabor Greenway; "Iron Route - across the Reboredo trails on mountain bikes": Municipal Pools

#### WHAT TO SEE

"Oficina Vinária" (wine workshop), Sacred Art Museum, Felgueiras Wax Press, Torre de Moncorvo Castle, Filipino Fountain. Churches and Chapels: N. Sra. da Assunção Church (Main Church of Moncorvo); Misericórdia de Moncorvo Church; N. Sra. da
Teixeira-Sequeiros Chapel,
Açoreira; Santiago Maior Church,
Adeganha Main Church —
Adeganha; Nossa Senhora da Guia
Chapel — Cabeça Boa; Santo Cristo
Chapel — Carviçais; N. Sra. da
Oliveira Church — Cardanha;
Castedo Main Church; Felgar Main
Church; Larinho Main Church; Mós
Church; Santa Maria Church; Santo
Apolinário Church, Santo
Apolinário Chapel — Urros.
Viewpoints:
Facho Cliff and S. Bento Viewpoint,

Facho Cliff and S. Bento Viewpoint, Santa Leocádia – Reboredo Mountain; S. Gregório-Estevais da Vilariça, Adeganha; Nossa Senhora do Castelo – Adeganha, Senhora da Glória and Alto da Barca or Fevereira Viewpoint – Peredo dos Castelhanos; Senhora do Castelo – Urros.

#### WHAT TO EAT

Terrincho lamb, meatloaf, blackeyed pea stew, bread and garlic
sausages with greens, sweet and
blood black pudding, salpicão de
ossos com arroz (typical dish),
tabafeiros (typical dish) and
smoked ham, stewed kid goat or
lamb, Trás-os-Montes-style bean
stew, partridge with rice, migas de
peixe (bread stew with fish),
Terrincho cheese.
Covered almond: pointy and white,

brown, peeled and bitter; almond cake; cavacas (typical sweet); súplicas (typical sweet); Tia Patuleia-style biscuits; estradinhas (typical sweet), pão moreno (a type of bread) and sponge cake.

#### FESTIVALS

Blossoming Almond Tree Festivals From 15 February to 15 March, Torre de Moncorvo N. Sra. da Assunção Festival 15 August, Torre de Moncorvo S. Martinho Festival 11 November, Maçores

#### INTERACTIVE TOURIST SHOP

address: Rua dos Sapateiros, nº15 tel.: +351 279 252 289 e-mail: turismo@torredemoncorvo.pt www.torredemoncorvo.pt

#### VALONGO

#### WHAT TO DO

Regadio da Ponte Ferreira hiking trails, Yellow and Red Trail and the Ecological Corridor; participate in a guided tour at the Palaeozoic Park; buy Valongo's traditional handicrafts at the interactive tourist shop; go caving or climb the cliffs of Santa Justa and Pias Mountains; see the exhibitions at Ermesinde's cultural forum or at the Municipal Museum; learn more about the traditional industries of Valongo during a visit to the Lousa

Museum (Slate Museum) and the Baking Museological Group; let yourself be dazzled by the Bugiada Festival; visit the traditional biscuit factories and the slate extraction companies.

S. Lázaro leisure area, which

#### WHAT TO SEE

comprises a chapel, a bridge and a leisure park; Museum Room and Alfena Cultural Centre: Ferreira Bridge: Shrines: Toll House and Municipal Park; Aqueduct and Arcos Bridge, Valongo Main Church and Sr. dos Passos Chapel; Campo Main Church, Passal Square, Sohrado Main Church and Parish House: Santa Rita Church and Formiga Convent, N. Sra. das Necessidades Chapel, surrounding rural centre and Acude Bridge and Aqueduct; Padrão Cross Museum Spaces: Lousa (Slate) and Municipal Museum; Baking Museological Group, Ermesinde Cultural Forum and Dr. Fernando Melo Urban Park; Vila Beatriz/Interpretation and Environmental Monitoring Centre: rural centres of Costa and Ferreira: Tomb Square; Old Axis; Leisure Park of Santa Justa and S. Sahino Chapels.

#### WHAT TO EAT

Arroz pica no chão (typical dish), cozido à Lavrador (typical dish made with boiled food), bread/twist bread, biscuits, bread pudding, sopas secas (typical soup) and doces brancos de sobrado (typical sweet).

#### FESTIVALS

Senhor dos Passos

4th Sunday of Lent

N. Sra. da Encarnação Festival
last Sunday of May

Sta. Rita Festival

2nd Sunday of June

Bugiada Festival

24 of June

N. Sra. do Amparo Festival
last Sunday of July

#### INTERACTIVE TOURIST SHOP

address: Rua S. Mamede, s/n tel.: +351 222 426 490 e-mail: turismo@cm-valongo.pt www.cm-valongo.pt facebook: facebook.com/municipio. valongo

### **VILA POUCA DE AGUIAR**

#### WHAT TO DO

AGUIARNATURE - Natural Spaces Interpretation Network: Six interpreted hiking trails, with a small circular route. During the visit, you have at your disposal leaflets, information signs and fauna observatories: Aquatic
Mammals Interpretation Trail,
Birds of Prey Interpretation Trail,
Riverine Ecosystems
Interpretation Trail, "Veronica
micrantha" Interpretation Trail,
"Matos de Altitude" Interpretation
Trail, Wolf Interpretation Trail.
Interior Portuguese Way of St.
James

#### WHAT TO SEE

Aguiar Castle, Falperra Dam, Pedras Salgadas Thermal Park, Municipal Museum.

#### WHAT TO EAT

Roasted kid goat with rice cooked in the oven; enchidos (typical Portuguese smoked sausages): thick pork sausage, moura, bread and garlic sausage and spicy pork sausage; cozido à Transmontana (typical dish of Trás-os-Montes made with boiled food); Maronesa veal with Alvão's potatoes and greens: chicken blood rice: wild mushrooms; roasted chestnuts. Chestnut pudding, chestnut cakes and pies, French toast with honey, golden custard, jams (pumpkin, raspberry, mulberry, tomato, cherry and chila jams), Miscarada (stewed wild mushrooms), Aguiar Sweet (with chestnuts) and Aguiar Pastry (with mushrooms).

#### FESTIVALS

Municipality of Vila Pouca de Aguiar and Granite Fair June, Vila Pouca de Aguiar Roman Gold Festival (biennial - even-numbered years), Vila Pouca de Aguiar and Tresminas Municipality and Village of Vila Pouca de Aguiar Festivals August, Vila Pouca de Aguiar Honey and Handicrafts Fair, August, Pedras Salgadas Onions Traditional Fair September, Vila Pouca de Aguiar Vila Pouca de Aguiar Gastronomic Fair

November, Vila Pouca de Aguiar

#### INTERACTIVE TOURIST SHOP

address: Av. Lopes de Oliveira tel.: +351 259 439 000 e-mail: turismo@cm-vpaguiar.pt www.cm-vpaguiar.pt

#### VILA REAL

#### WHAT TO DO

Pedestrian trails: Three Villages Trail (Três Aldeias), Constantim Trail, Wolf Trail, Carvalhal Trail, Miner Trail.

#### WHAT TO SFF

Vila Velha Museum, Museum of Archaeology and Numismatics, Sound and Image Museum, Mateus House Museological Group, Infantry Regiment Museum, Municipal Library, Municipal Archive, Vila Real Municipal Theatre, Palace of the Count of Amarante's Cloisters, Exhibition room of Vila Real Municipal Theatre, Vila Real Cultural Centre, S. Miguel da Pena Necropolis, Shrine of Panóias, Quintela Tower, House of the Marquises of Vila Real, Mercy Chapel, S. Pedro Church.

#### WHAT TO EAT

Roasted veal with rice cooked in the oven, roasted kid goat with rice cooked in the oven, tripas aos molhos (typical dish), Maronesa meat, joelho da porca (typical dish), codfish dishes, cozido à Portuguesa (typical Portuguese dish made with boiled food), milhos (typical dish), meatloaf, enchidos (typical Portuguese smoked sausages) and covilhetes (typical sweet).

Toucinho-do-céu pastry, Santa Clara convent pastries; santórios (blessed bread given on All Saints' Day); typical sweets: cristas de galo, tigelinhas de laranja, pitos de Santa Luzia, cavacórios, bexigas, ganchas.

We also recommend the wines from the Douro region.

#### FESTIVALS

S. Brás Festival 2 February and 3 February, S. Dinis S. Pedro or Pucarinhos Fair From 27 June to 29 June, Vila Real N. Sra. da Pena Festival 2<sup>nd</sup> weekend of September, Mouçós Santa Luzia Festival 13 September, S. Dinis

#### INTERACTIVE TOURIST SHOP

address: Avenida Carvalho Araújo,  $n^{\varrho}$  94

tel.: +351 259 308 170 e-mail: geral@cm-vilareal.pt www.cm-vilareal.pt

70 LMTNES AND GEOLOGY NORTHERN PORTLIGAL TIL MENERAL PORTLIGAL



Guide of the Portuguese Geological and Mines sites roteirodeminas@edm.pt roteirodeminas@dgeg.pt www.roteirodeminas.pt



Turismo do Porto e Norte de Portugal, E.R. Castelo de Santiago da Barra 4900-360 Viana do Castelo Portugal



www.portoenorte.pt

turismo@portoenorte.pt tel.: +351 258 820 270 edition@tpnp '18