



GEOROUTE 2

THE GRAND VIEWPOINT OF
THE PROTECTED BIOTOPE

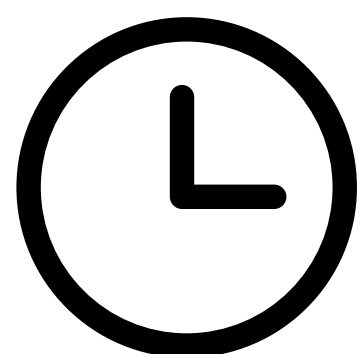
ELORRIAGA

#GEOPARKEA

ELORRIAGA GEOROUTE

PRACTICAL INFORMATION

SL Gi 5002



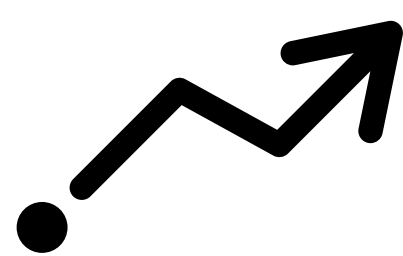
DURATION

45 min



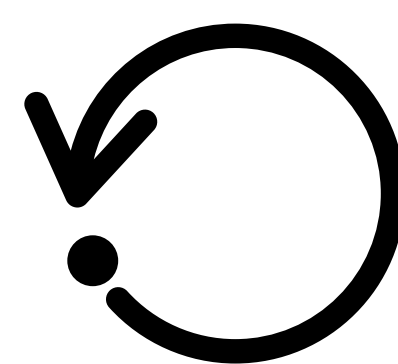
DISTANCE

2 km



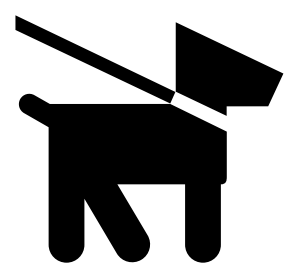
ELEVATION
DIFFERENCE

+97 m
-97 m



CIRCULAR

YES



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((112))

SOS DEIAK

ELORRIAGA GEOROUTE

HOW TO GET THERE?

[View in Google Maps](#)

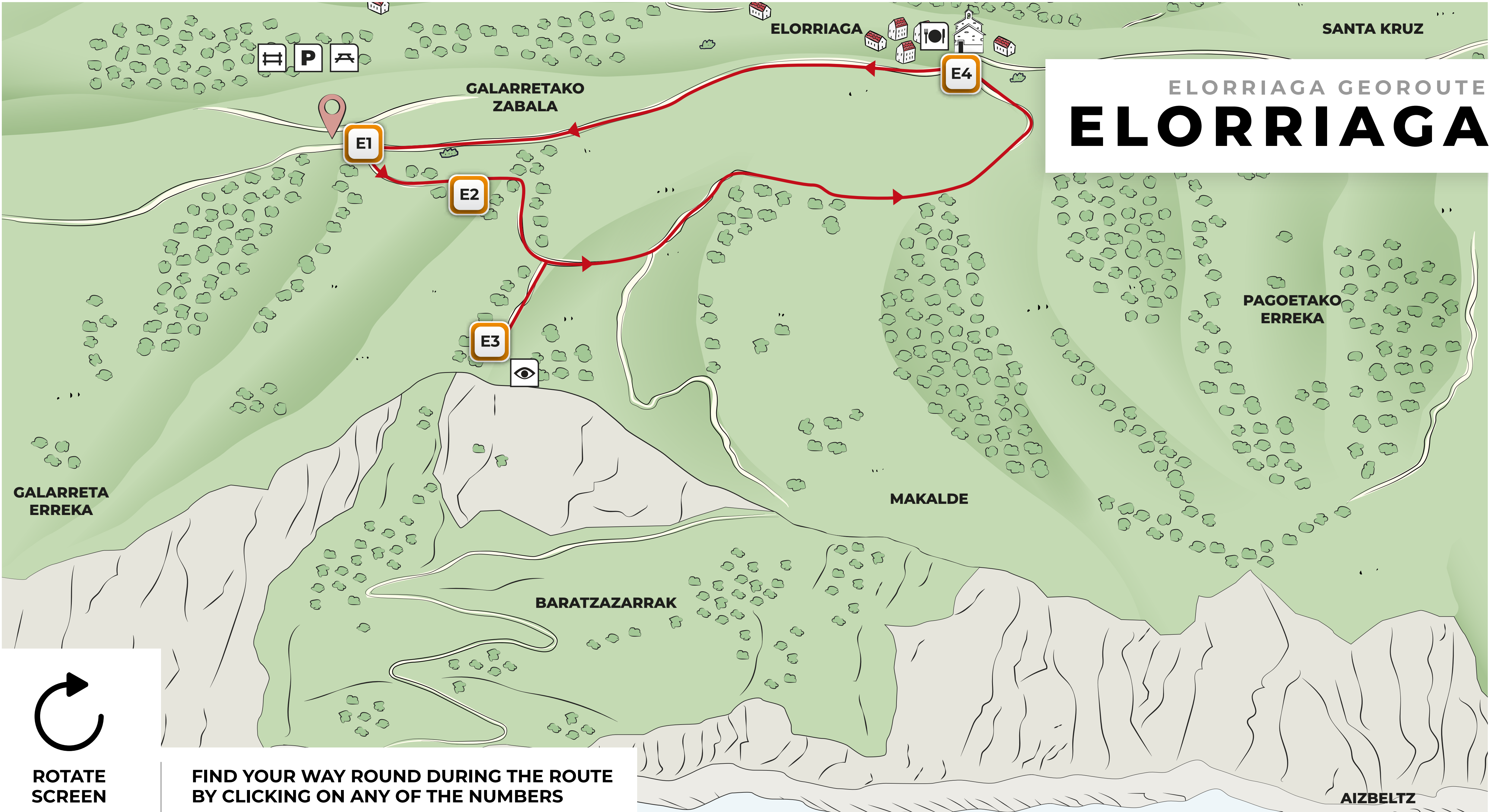
Starting point: Elorriaga recreation area.

Nearest town: Zumaia.

Coordinates: $43^{\circ}17'18.1''\text{N}$ $2^{\circ}17'11.2''\text{W}$

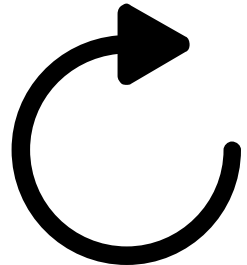
Access: The recreation area can be reached by car by taking the N-634 and turning off at the junction signposted for Elorriaga, located about 6 km from Zumaia and 10 km from Deba.





ELORRIAGA GEOROUTE

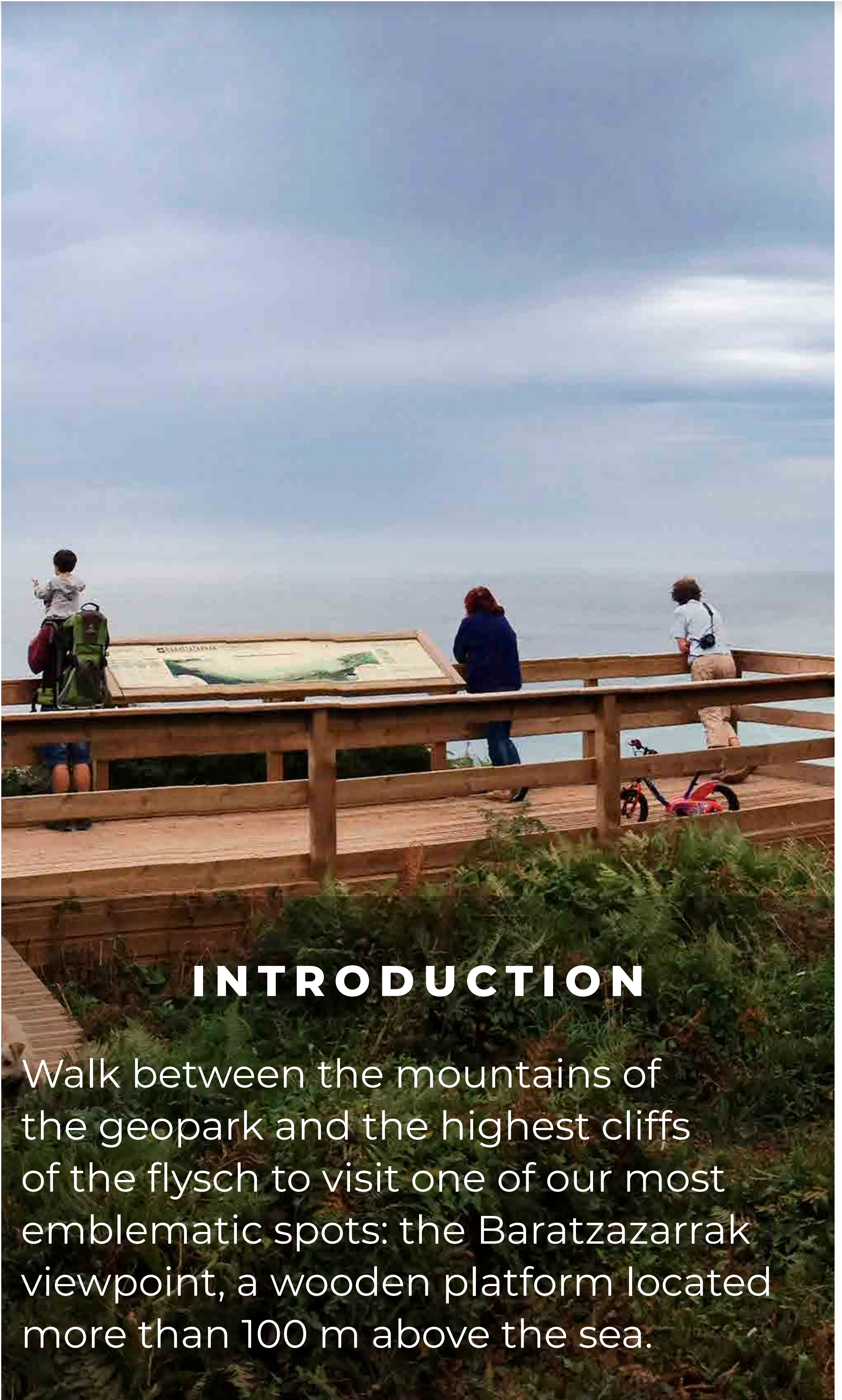
ELORRIAGA



ROTATE
SCREEN

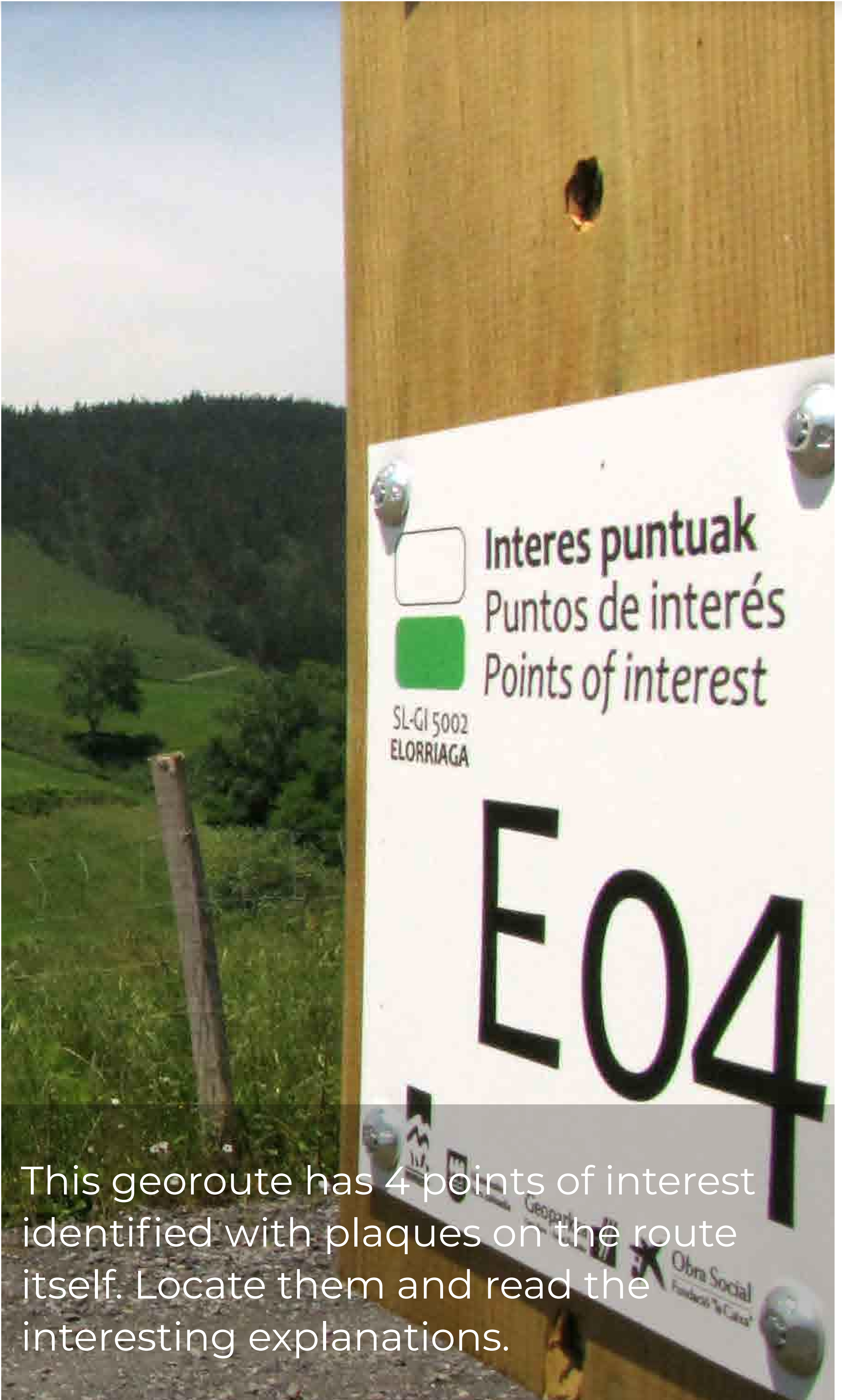
FIND YOUR WAY ROUND DURING THE ROUTE
BY CLICKING ON ANY OF THE NUMBERS

AIZBELTZ



INTRODUCTION

Walk between the mountains of the geopark and the highest cliffs of the flysch to visit one of our most emblematic spots: the Baratzazarrak viewpoint, a wooden platform located more than 100 m above the sea.

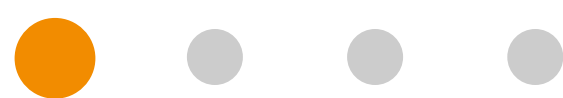


This georoute has 4 points of interest identified with plaques on the route itself. Locate them and read the interesting explanations.

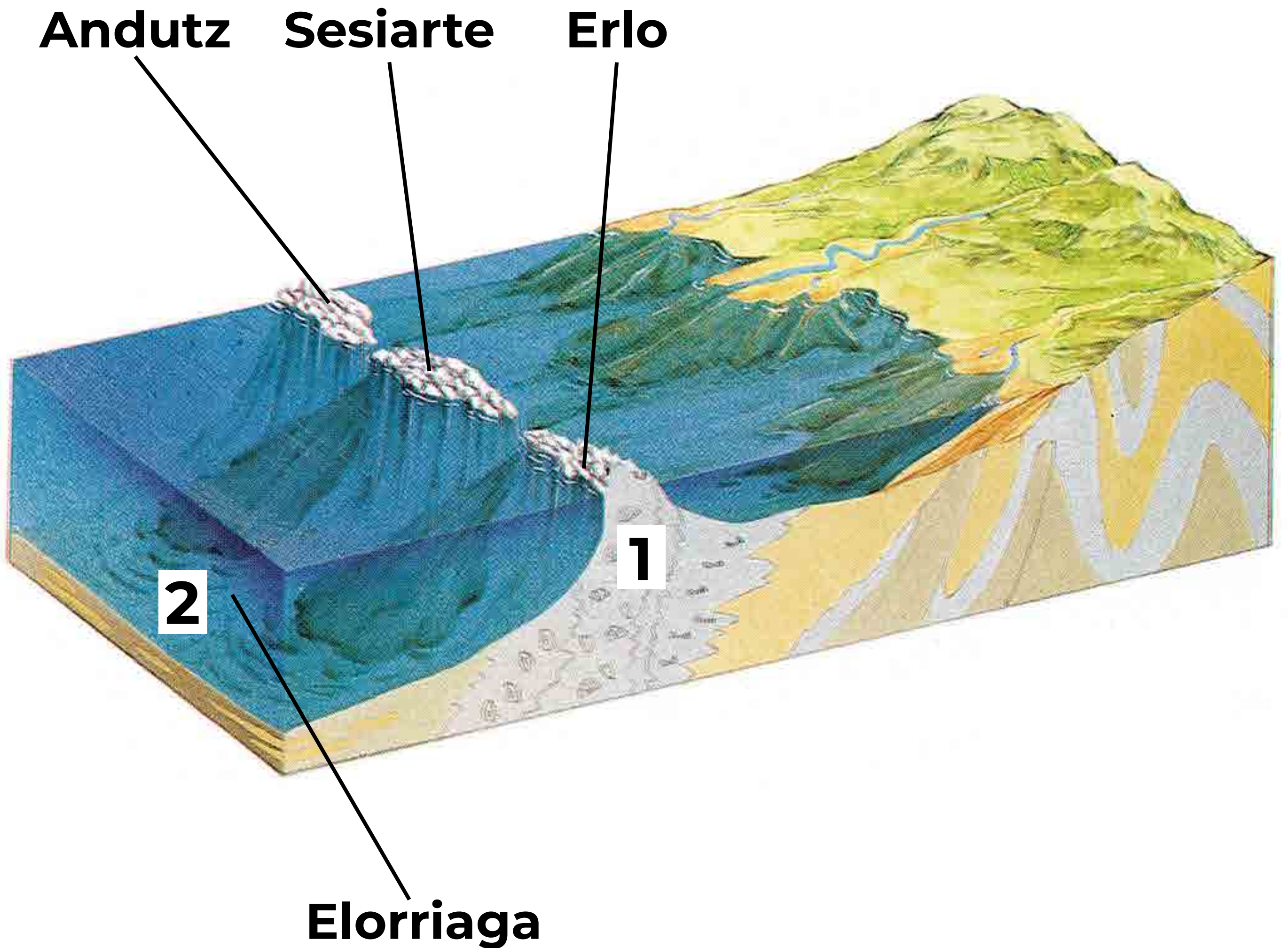


EI

**MOUNTAINS
OF CORAL**



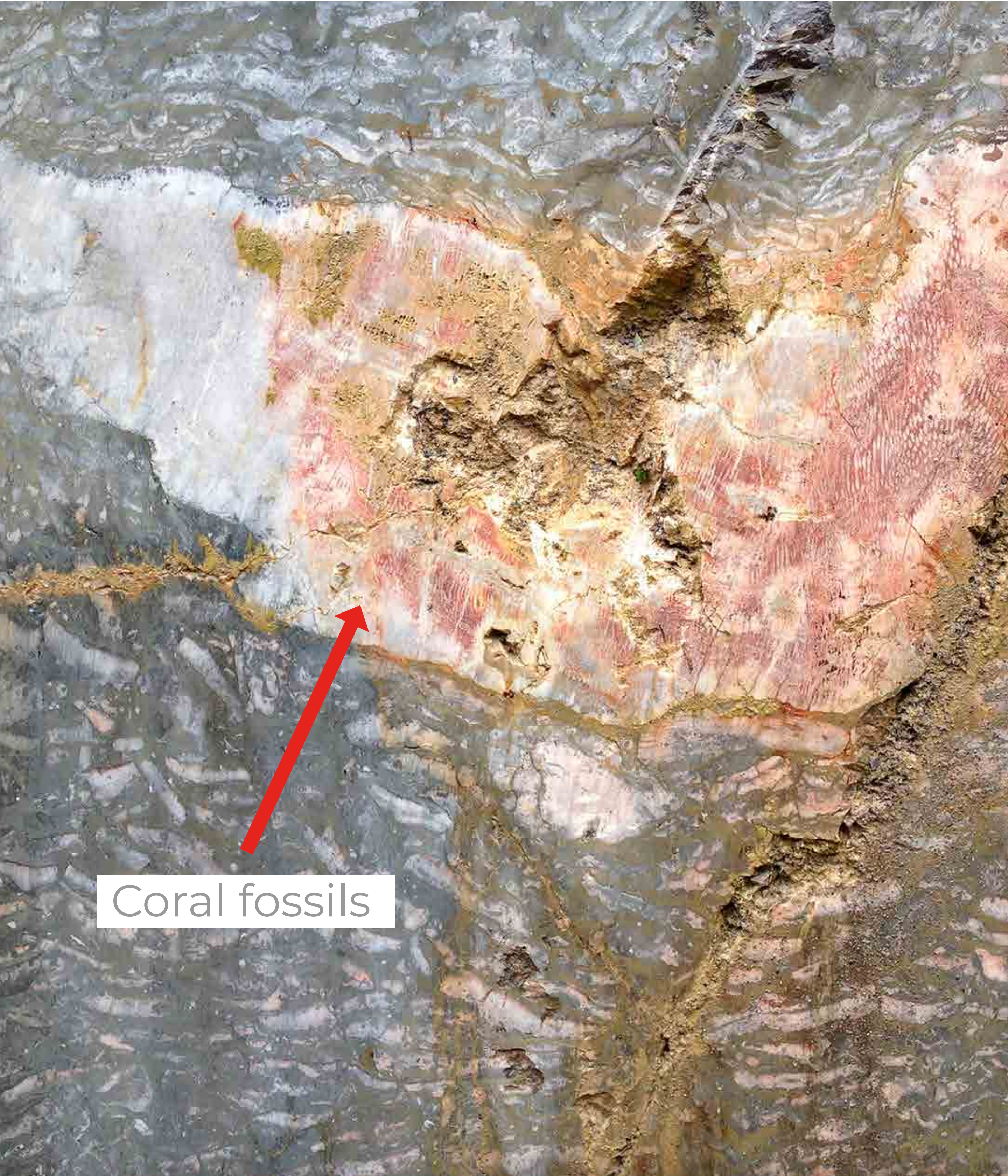
Go and look at the panel in the recreation area. The **mountains** within the geopark are made up of hard limestones full of **fossils of coral** and reef organisms. About 100 million years ago our land was under a tropical sea.



1. Coral reefs

2. Formation of the flysch

If you imagine that the sea level is a few meters above the summits you can picture that tropical Cretaceous sea.



Coral fossils

These limestones are quarried as **ornamental rock** in the Lastur quarry. Did you know that many of the stones for lifting and dragging used in Basque rural sport come from this quarry?



In these mountains there are many caves with archaeological remains. **Ekain** is a **UNESCO World Heritage Site** and contains one of the best examples of rock art in Europe. The original cave is closed to the public, but you can visit the replica at Ekainberri. ekainberri.eus



EE2

CULTURAL LANDSCAPE
-
NATURAL LANDSCAPE



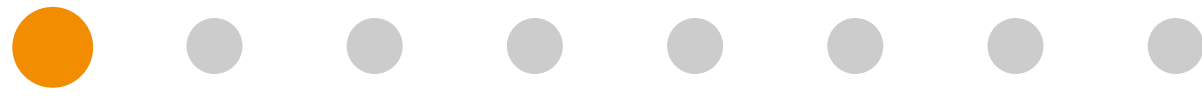
E2

The pastures are a cultural landscape linked to the farmhouse. In the public plots the aim is to recover the **original woodland** with plantations of maple, oak, Pyrenean oak, holm oak, cork oak, birch, ash and cherry trees.



E3

**THE GRAND
VIEWPOINT.
HOW DO THE CLIFFS
RETREAT?**



E3

If you go and look at the panel you can find out how the flysch was formed, how the different types of rock are distributed along our coast and how the sea has eroded the cliffs to form the wave-cut platform.

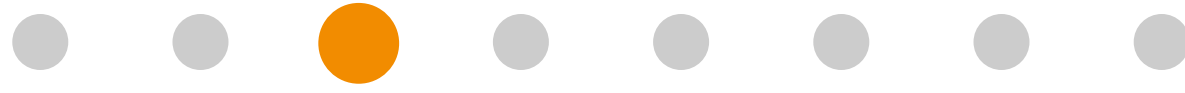


Baratzazarrak landslip



Pikote rockfall

Under our feet we have an enormous **landslip** covered by vegetation. To the right, however, is the great **Pikote rockfall** which has no vegetation. Why?

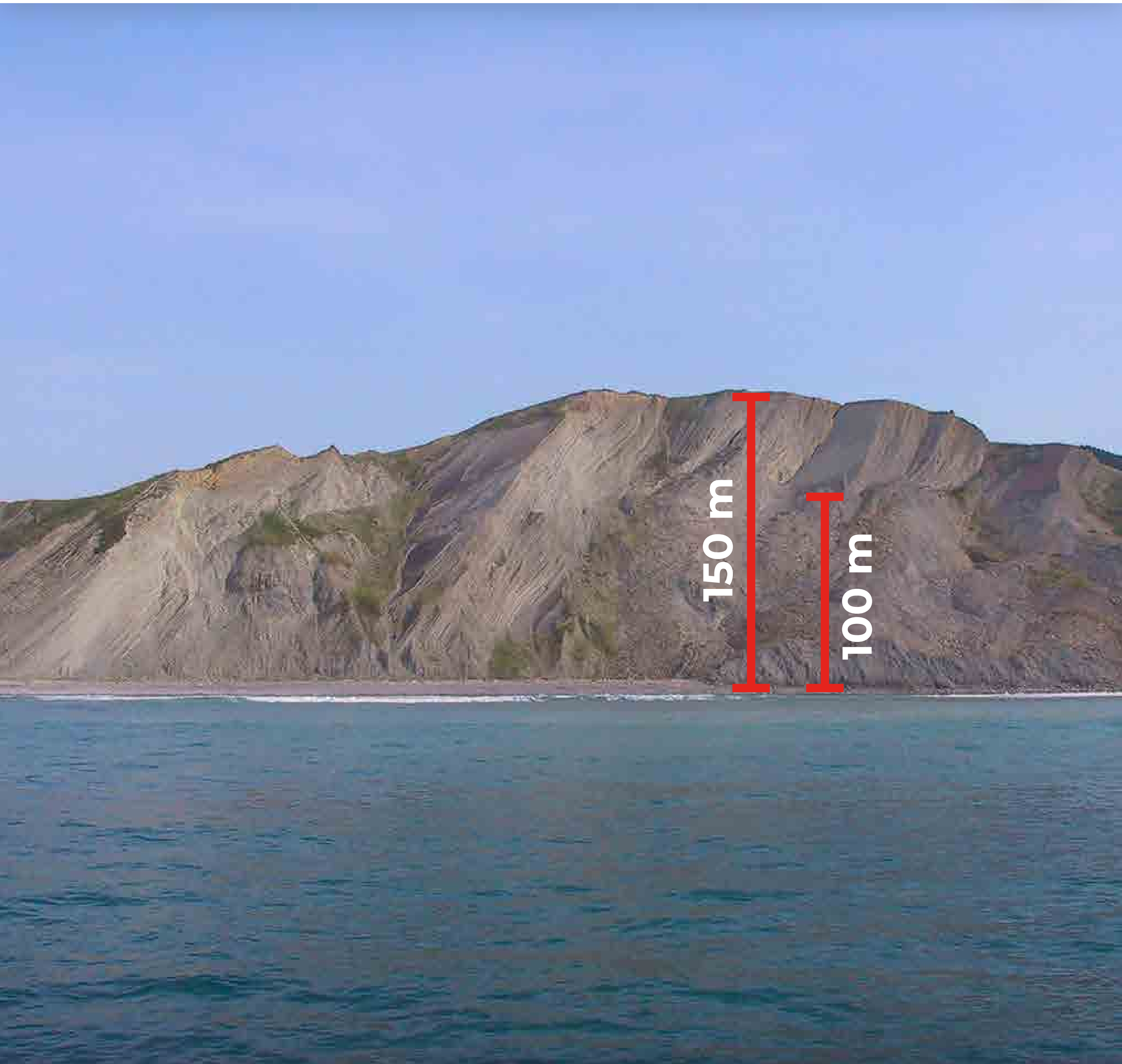
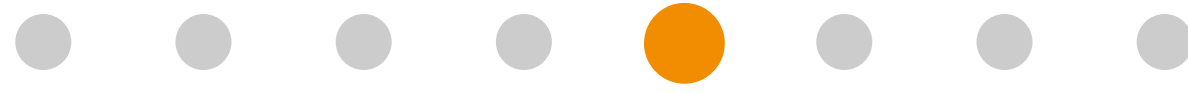


BARATZAZARRAK LANDSLIP

If we go down to the base we will see that it occurs a little at a time, when the superficial part of the flysch slowly breaks and slips. This **process** is **slow** and happened quite a long time ago, allowing vegetation to grow on the ground.



The layers slide over each other and folds and breakage zones are produced which demonstrate that this is an **active process**.

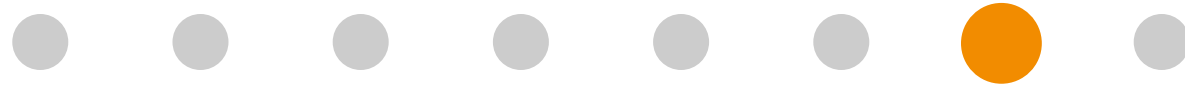


PIKOTE ROCKFALL

The cliffs in front of us are **150 m high** and with an accumulation of rock that exceeds 100 m. The rocks fall into the void in sudden landslides. There is hardly any soil. The vegetation has not yet had time to colonise.

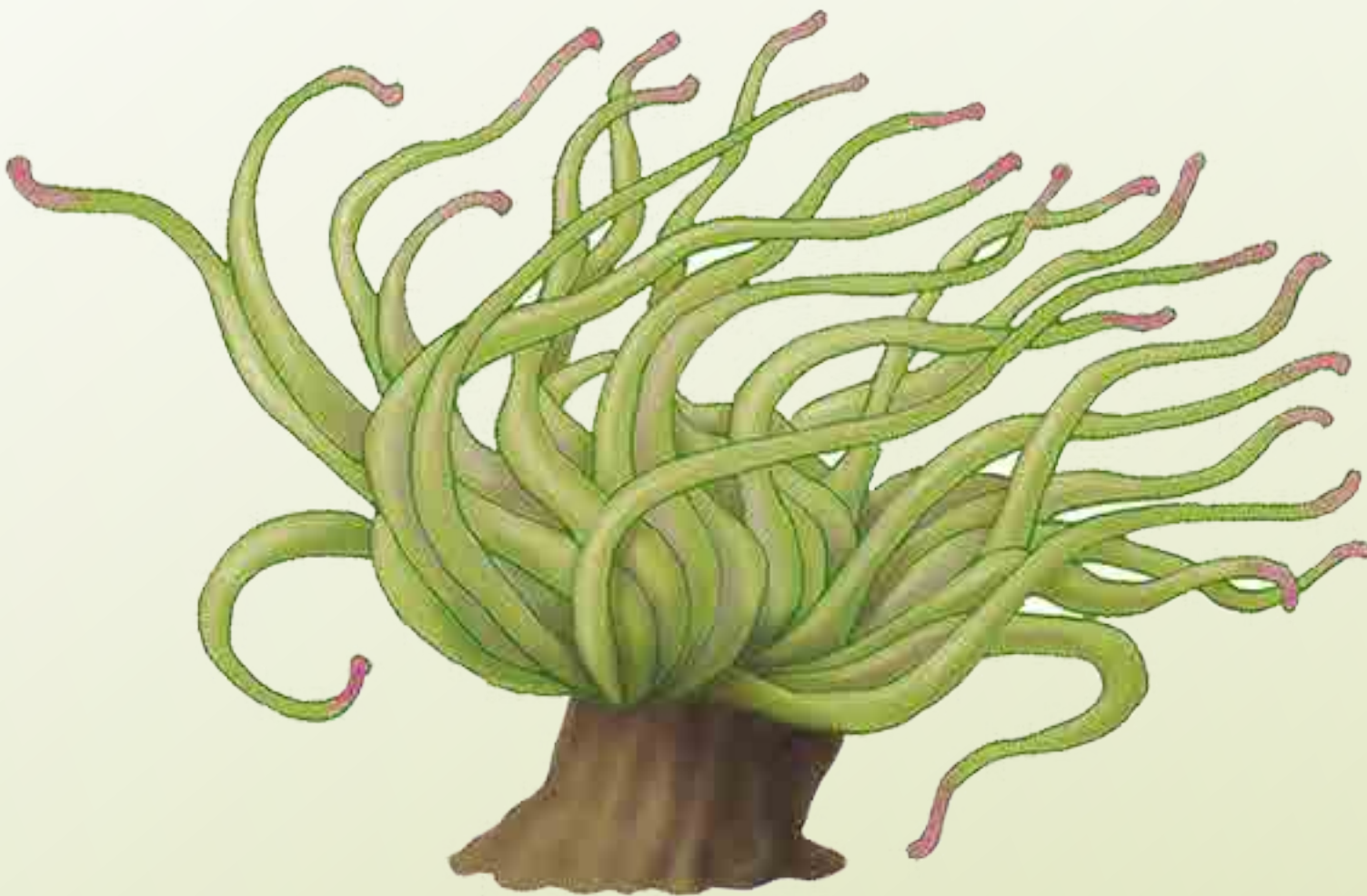
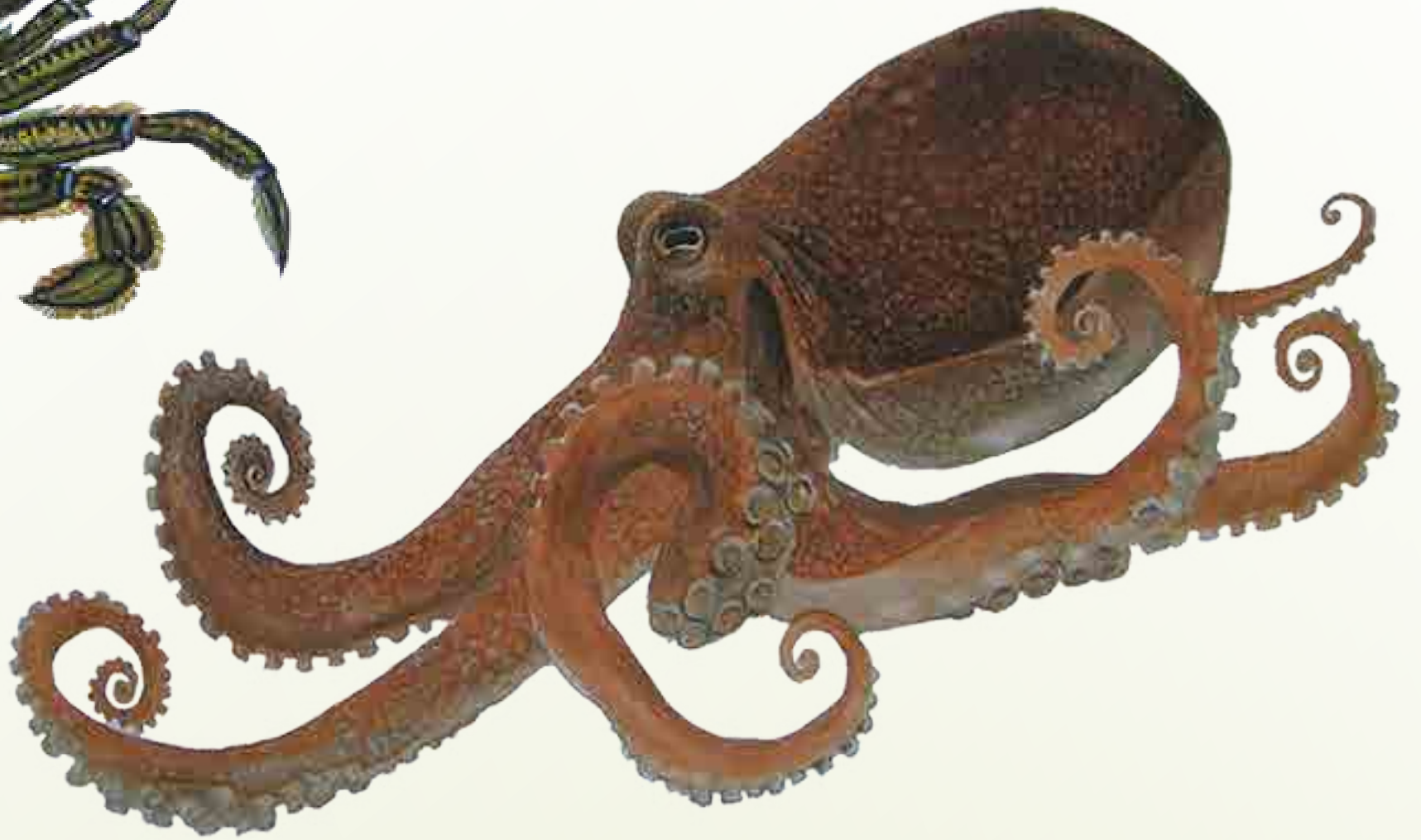
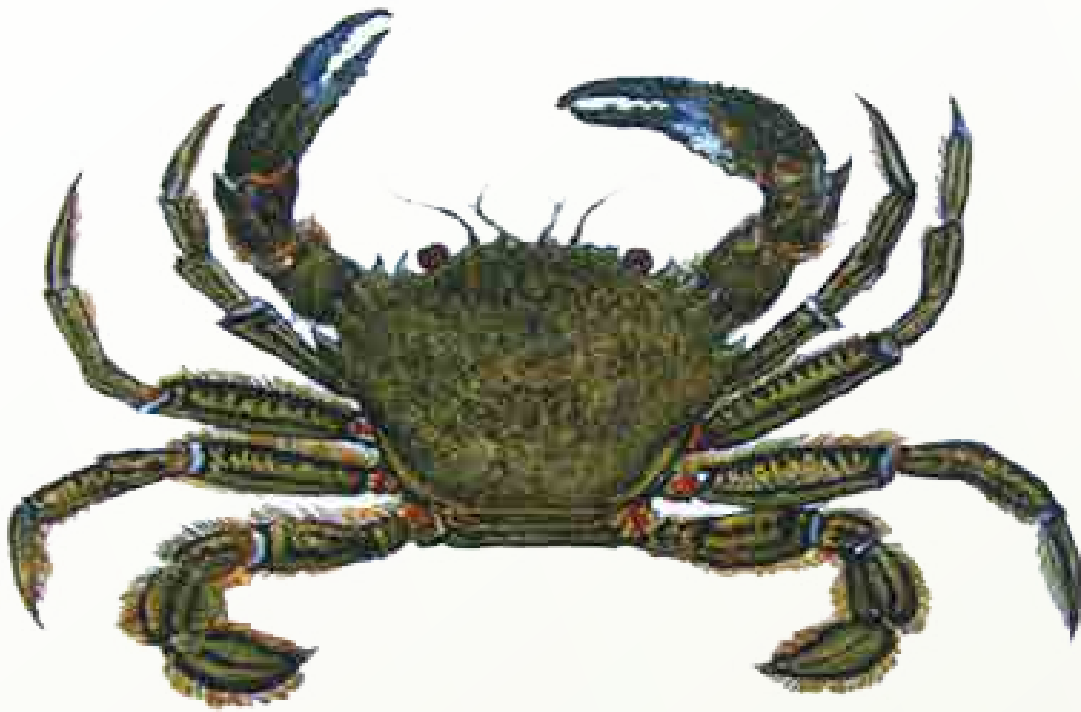


At the base of the cliffs the fallen blocks are rounded and form **beaches of pebbles** which act as projectiles that increase erosion.



THE ABRASION PLATFORM

The cliffs recede and at their base an extensive abrasion or wave-cut platform is formed which is only visible at low tide.



The wave-cut platform is home to one of the richest and most complex ecosystems on the coast. Living conditions change completely twice a day with each tide. We are in the **fully protected reserve area of the protected biotope.**



E4

**EQUILIBRIUM
IN THE ATLANTIC
COUNTRYSIDE**



E4

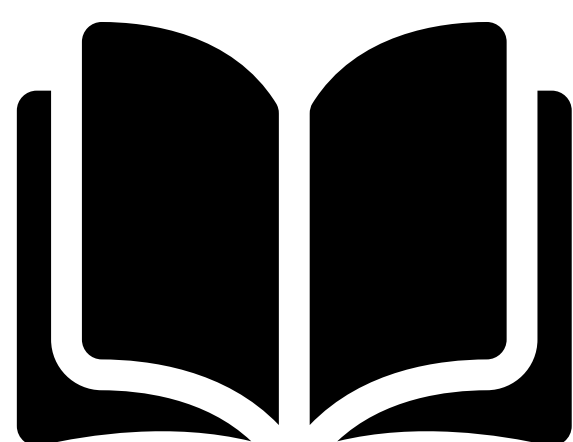
The intense use of recent decades has given rise to a **landscape** of green fields which is aesthetically attractive but quite **simplified** from an ecological point of view.



The aim of the protected biotope is to make agricultural-livestock use compatible with conservation, introducing **natural copses and hedges** that increase the number of ecological niches and biodiversity.

ELORRIAGA GEOROUTE

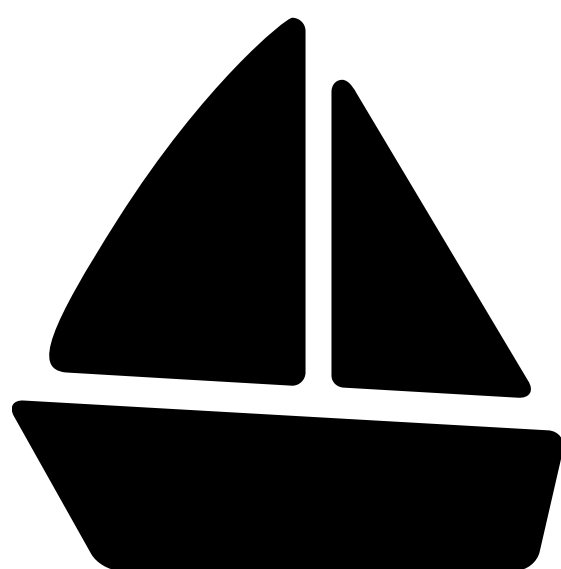
MORE INFORMATION



**BUY COMPLETE
GUIDE**



**SEE OTHER
GEOROUTES**

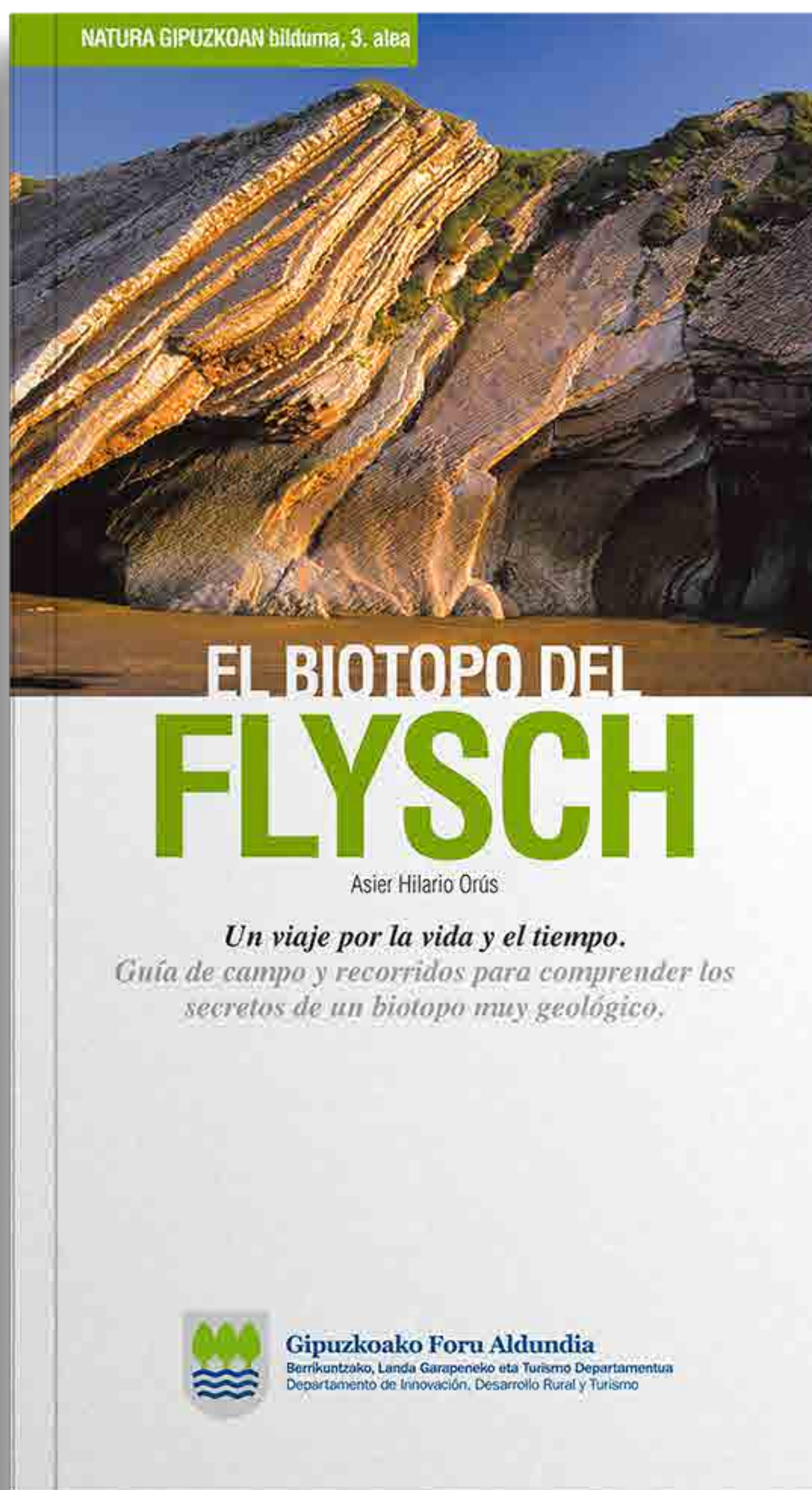


**PROGRAMME OF
GUIDED EXCURSIONS**

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BUY COMPLETE GUIDE

For more complete information about the flysch we have the guide 'The Flysch Biotope' which is on sale at the geopark's tourist offices.

Geoparkea

Euskal Kostaldea - Costa Vasca



**Gipuzkoako
Foru Aldundia**
Diputación Foral
de Gipuzkoa



ETORKIZUNA ORAIN
Es futuro



BABESTUTAKO BIOTOPOA
BIOTOPO PROTEGIDO

**DEBA ETA
ZUMAIA**
ITSASERTZEKO
BABESTUTAKO
BIOTOPOA



EUSKO JAURLARITZA
GOBIERNO VASCO

INGURUMEN, LURRALDE PLANGINTZA
ETA ETXEBIZITZA SAILA

DEPARTAMENTO DE MEDIO AMBIENTE,
PLANIFICACIÓN TERRITORIAL Y VIVIENDA

EUSKADI
BASQUE COUNTRY