

SIERRA ESPUÑA

A CASE STUDY FOR PRESERVATION OF NATURAL HERITAGE AND WOODEN LAND, WHILE DEVELOPING AN ECOTURISM APPROACH



Parque Regional
Sierra Espuña



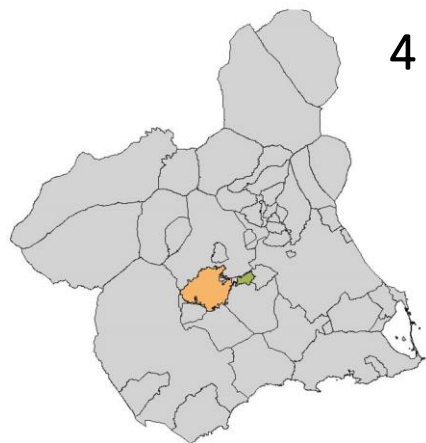
REGION OF MURCIA (SPAIN)

GENERAL DIRECTORATE OF NATURAL ENVIRONMENT

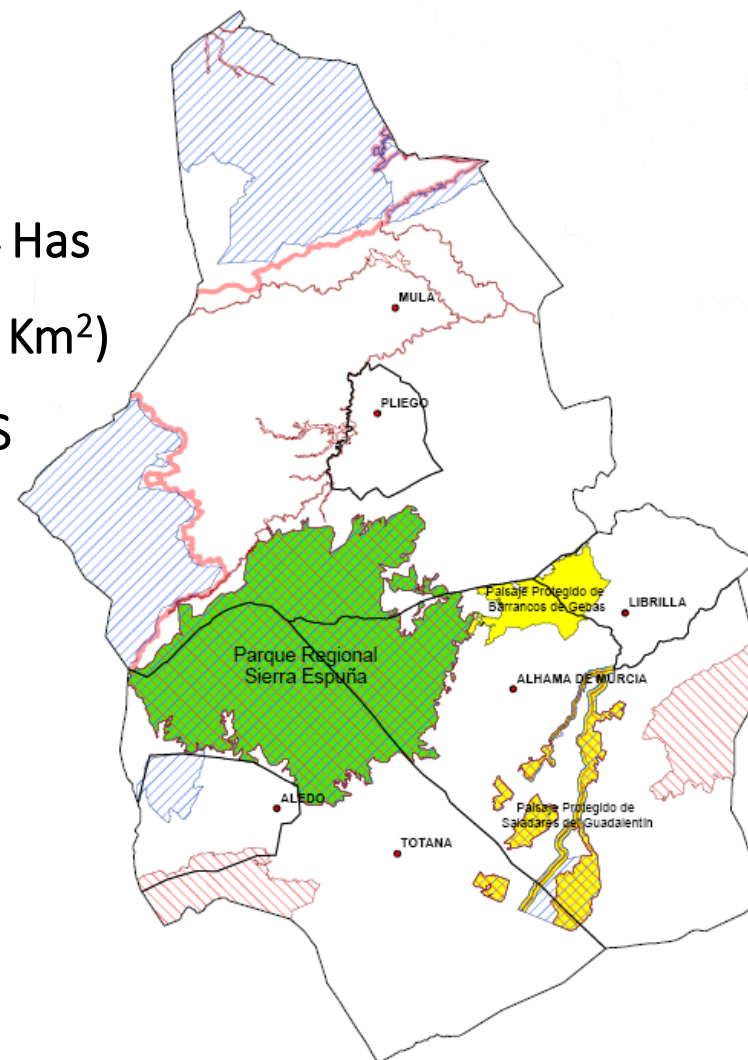
CONSOLACIÓN ROSAURO

GENERAL DIRECTOR

LOCATION



REGIONAL PARK: 17.804 Has
4 MUNICIPALITIES (1.390 Km²)
79.000 INHABITANTS

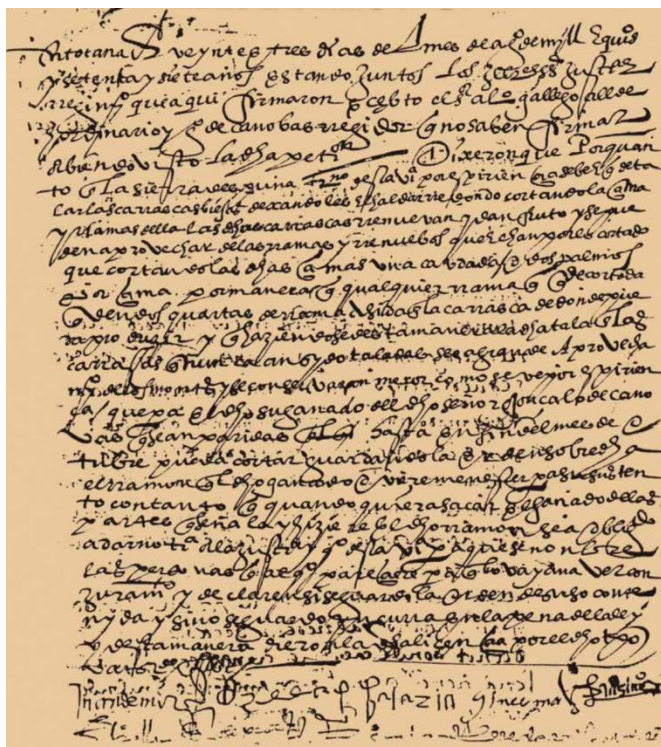


Leyenda

LIC	ESPACIOS NATURALES
ZEPA	Paisaje Protegido
Población	

A BRIEF HISTORY REVIEW. INITIAL ISSUES AFFECTING THE WOODEN AREA

LOSS OF THE ORIGINAL FOREST COVER



Oaks cut license emitted on August 23th of 1577 to feed the cattle

Uncontrolled forest exploitation

Local poverty. Firewood and charcoal extraction for domestic use.

Wood for Spanish Royal Navy ships

Forests fires



Bare hillside of Morrón Largo (Sierra Espuña year 1.891)

AN EXAMPLE OF FOREST-HYDROLOGICAL RESTORATION



**FAMOUS FLOOD
OF "SANTA
TERESA" (1979)
(761 deaths)**

**RAISED AWARENESS
AND CONCERN
AMONG
ADMINISTRATIONS
AND ORDINARY
PEOPLE**

**TRIGGER THE
FOREST-
HIDROLOGICAL
RESTORATION
(1889)**



Print of the cover of the newspaper
"Paris-Murcie" by Paul Gustave Doré.



Engravings "The floods in Murcia,
Spain" from the cover of the British
newspaper "The Graphic"

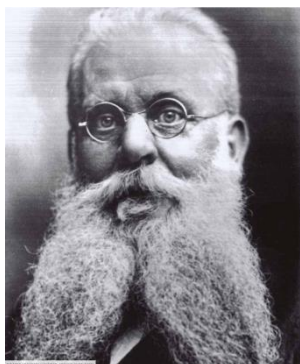
AN EXAMPLE OF FOREST-HYDROLOGICAL RESTORATION

5000 Has reforested

240 Kms road and paths constructed

144 kms hillside dams + 420.000 small terraces

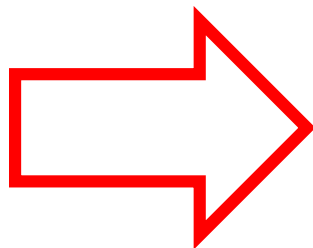
Other infrastructures...



Forest Engineer
Mr. Ricardo Codornú.



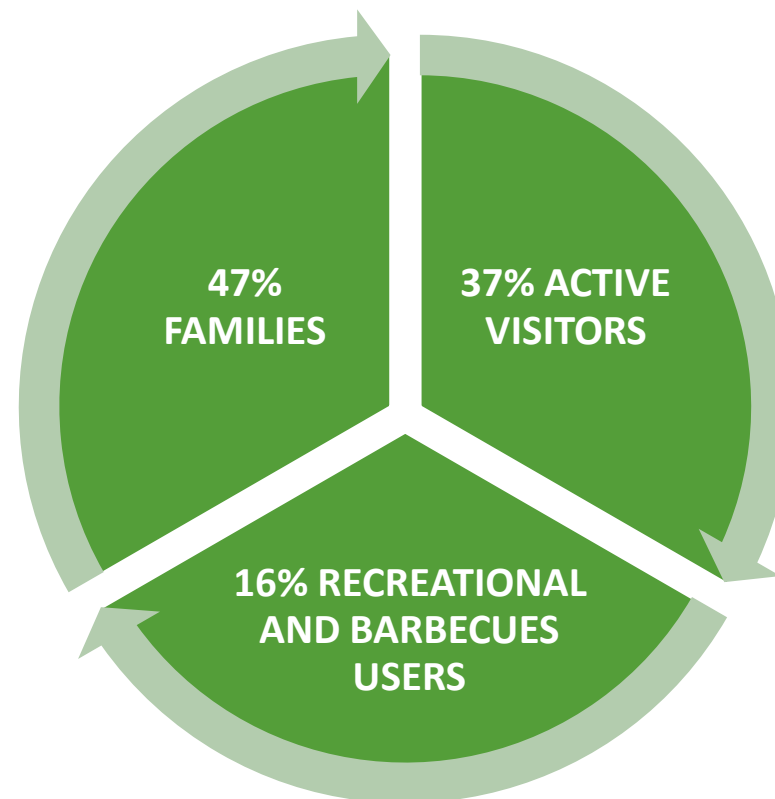
XIX CENTURY VS NOWADAYS





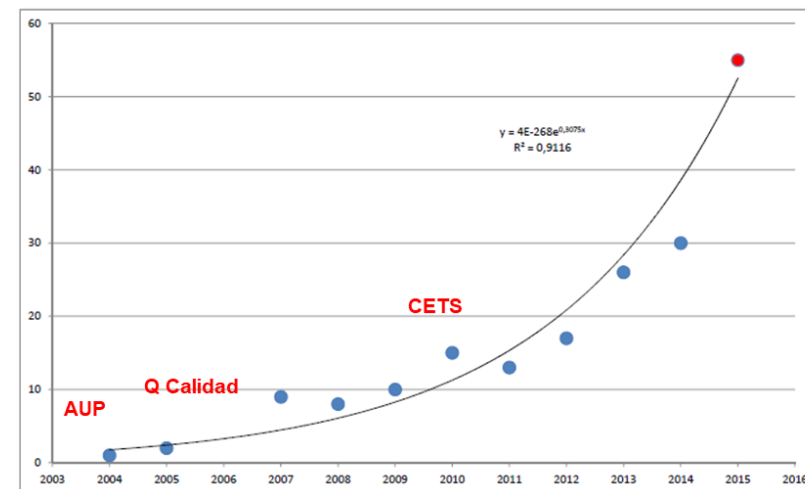
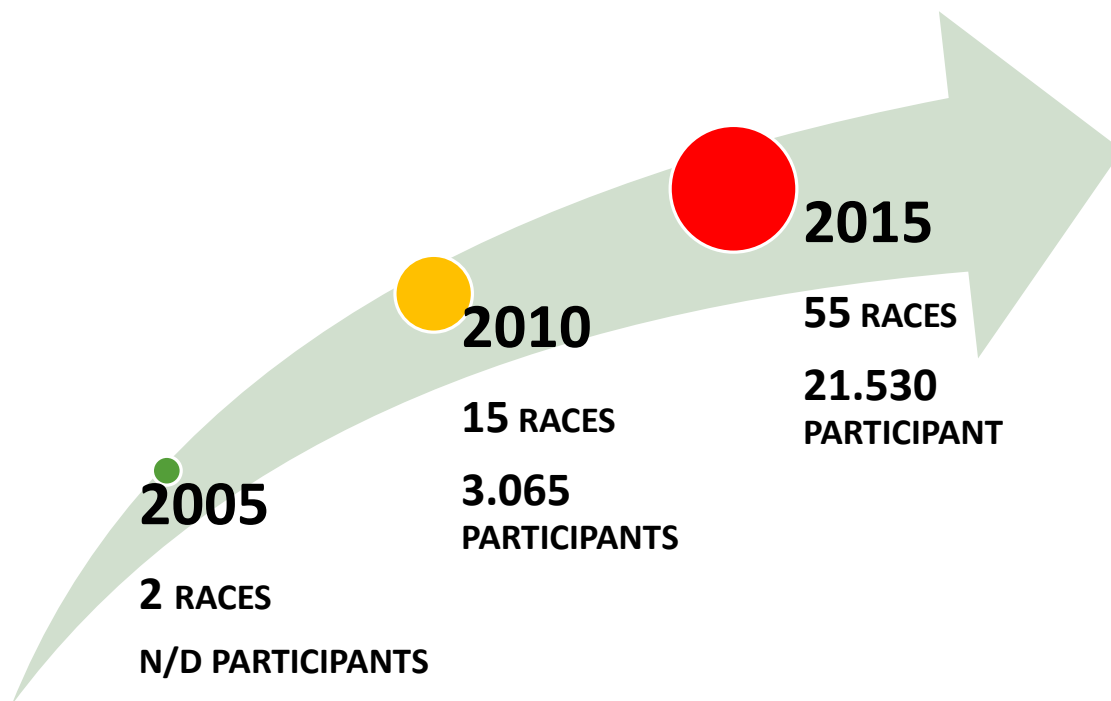
NATURAL PROTECTED AREA TOURISM PRESSURE

SIERRA ESPUÑA
134.000 VISITORS
(2018)

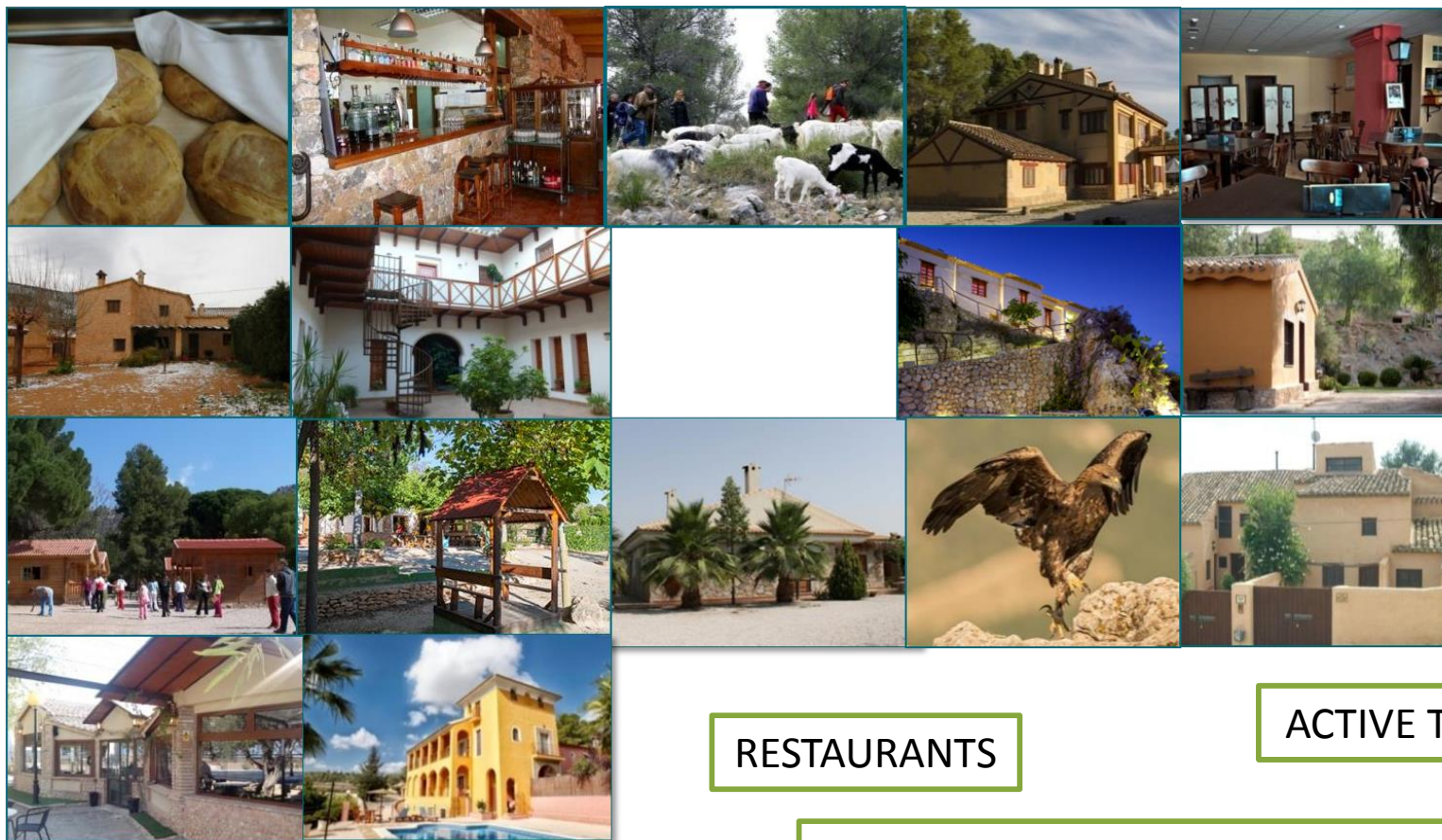


NATURAL PROTECTED AREA TOURISM PRESSURE

MOUNTAIN RACES IN SIERRA ESPUÑA



ECOTOURISM DEVELOPMENT STRATEGY



RURAL HOUSES

RURAL HOTELS

ARTISAN BACKERY

NATURE PHOTOGRAPHY

RESTAURANTS

ACTIVE TOURISM

CAMPINGS

ENVIRONMENTAL EDUCATION

ECOTOURISM DEVELOPMENT STRATEGY

A QUALITY MODEL



ECTS EUROPEAN CHARTER OF SUSTAINABLE TOURISM



EUROPARC
Sustainable Tourism
in Protected Areas

FIRST PHASE. SUSTAINABLE DESTINATIONS. THE CHARTER AREAS.
REGIONAL PARK OF SIERRA ESPUÑA (CERTIFIED IN 2012)



EUROPARC
Sustainable Tourism
in Protected Areas

SECOND PHASE. SUSTAINABLE PARTNERS IN CHARTER AREAS
17 BUSSINESSES CURRENTLY ACCREDITED



EUROPARC
Sustainable Tourism
in Protected Areas

THIRD PHASE. SUSTAINABLE TOUR OPERATORS IN CHARTER AREAS.
(...DEVELOPING...)

OBTAINING THE ECTS IMPLIES:

WORKING IN PARTNERSHIP

- SUSTAINABLE TOURISM FORUM
- 77 MEMBERS (10 regional and local administrations, 21 associations and other agents of the territory; and 46 tourism companies)

PREPARING AND IMPLEMENTING A STRATEGY

- DIAGNOSIS OF THE CURRENT SITUATION
- STRATEGIC ADDRESS (10 MAIN OBJECTIVES ESTABLISHED)

ADDRESSING THE KEY ISSUES

- PRACTICAL ACTION PLAN (79 ACTIONS DESIGNED AND SOME ALREADY IMPLEMENTED)

SOME ECOTOURISM ACTIONS IMPLEMENTED IN SIERRA ESPUÑA

SIERRA ESPUÑA TERRITORY WEBPAGE <https://territoriosierraespuna.com>



SOME ECOTOURISM ACTIONS IMPLEMENTED IN SIERRA ESPUÑA

GOOD PRACTICES IN THE REGIONAL PARK: MANUAL AND BROCHURES



IN THE VISITORS CENTRE

IN RECREATIONAL AREAS

IN THE CAMPING

CAR OR MOTORCYCLE
ROUTES

HIKING

BIKING TRAILS

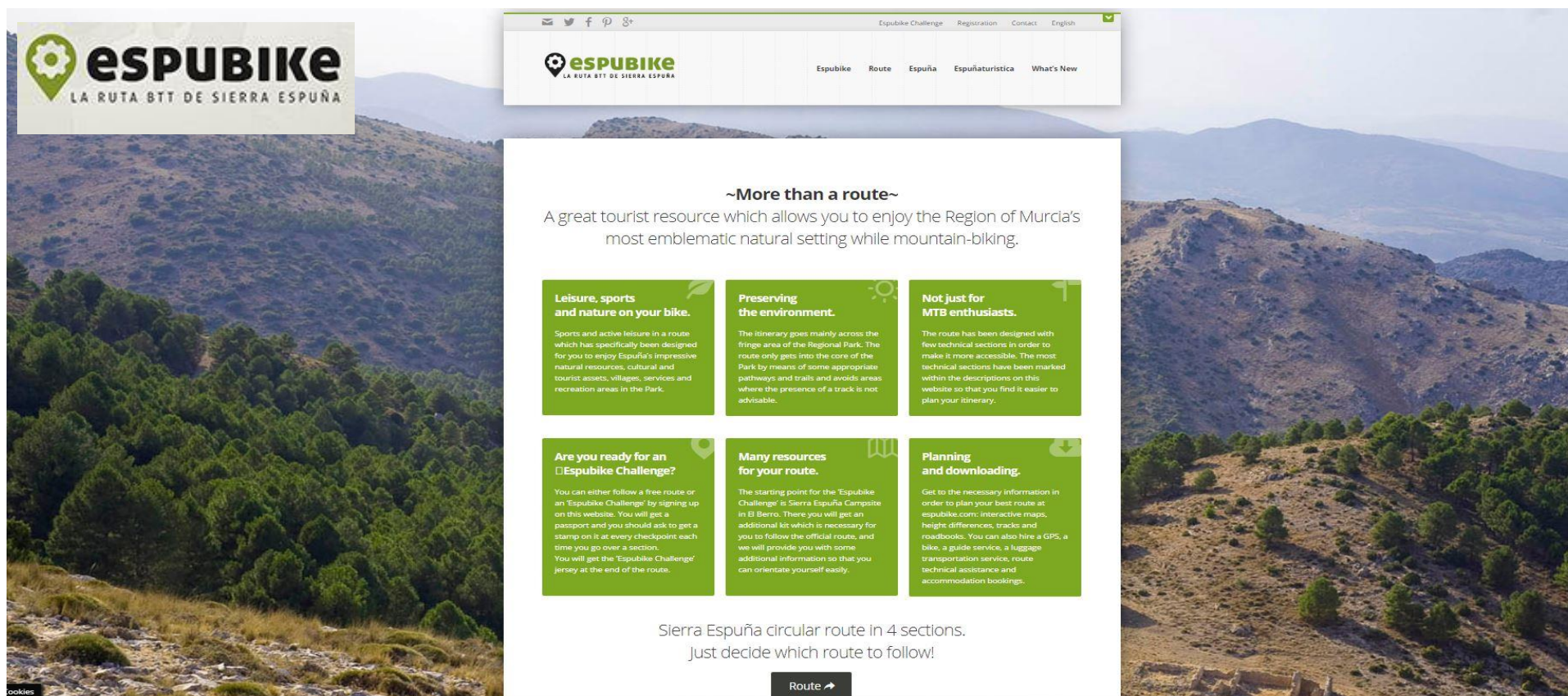
CLIMBING

WHILE
PHOTOGRAPHING

SOME ECOTOURISM ACTIONS IMPLEMENTED IN SIERRA ESPUÑA

SPUBIKE: BIKING WEB

<https://espubike.com>



ACCOMODATION

ROUTE INFORMATION

GUIDE SERVICE

PROFESSIONAL BICYCLE
HIRE

LUGGAGE TRANSPORT
BETWEEN ROUTE
ACCOMODATION PLACES

ROAD ASSISTANCE

GPS AND GO-POR
CAMERA RENTAL

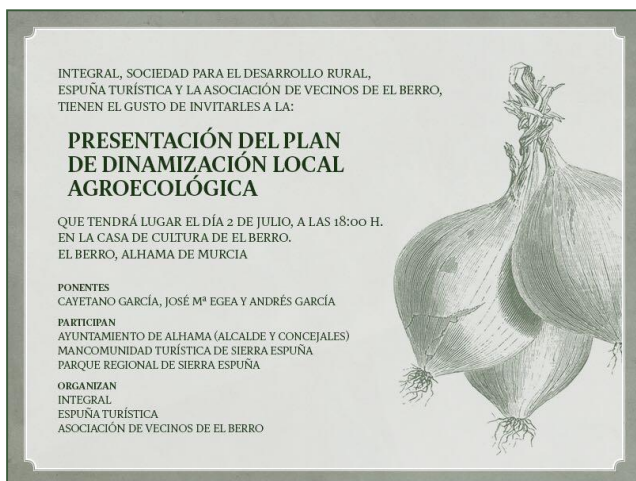
SPECIAL MENU
RESERVATION

SOME ECOTOURISM ACTIONS IMPLEMENTED IN SIERRA ESPUÑA

AGROECONATURA PROJECT

ACTION PLAN ECTS 2017-2021

ACTION 7.3. "VALUE ENHANCEMENT OF AGRICULTURE, LIVESTOCK AND TRADITIONAL BEEKEEPING"



OBJETIVE: Procuring benefits for the local population

Action: Value enhancement of agriculture, livestock and traditional beekeeping

Synergies between tourism and traditional local activities

THROUGH THE REGION OF MURCIA AUTONOMOUS COMMUNITY SIERRA ESPUÑA ALSO TAKES PART IN

PROYECTO LIFE FOREST CO2



MAIN OBJECTIVE promotion of forest systems and sustainable forest management as a tool for the mitigation of climate change, through the application of European regulations on accounting for emissions and removals in the LULUCF sector, improving the knowledge base at the local level and making an integrated practical application covering all the sectors involved of interest, including those responsible for the compensation of emissions

Accurately know, based on Decision 529/2013 / EU and the IPCC, the **accounting for net anthropogenic CO2 removals** as a consequence of sustainable forest management work in forest stands of *P. halepensis* and *P. pinaster*

Model and synthesize the information related to carbon sequestration, and transmit it to the agents of interest so that it can be considered in the accounting of the sinks of the UTCUTS sector

Involve the **forestry sector** in the development of forestry projects on carbon sequestration and sustainable forest management

Encourage a change in the corporate culture **within the business and institutional sector** that allows progress towards a low carbon economy

Promote diffuse projects and projects framed in the forestry sector as a tool to mitigate climate change through the **voluntary compensation of CO2 emissions**

THANK YOU