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**Natural and National Parks in Spain,
ECTS & Sierra Nevada ski resort inside a Natural Park**

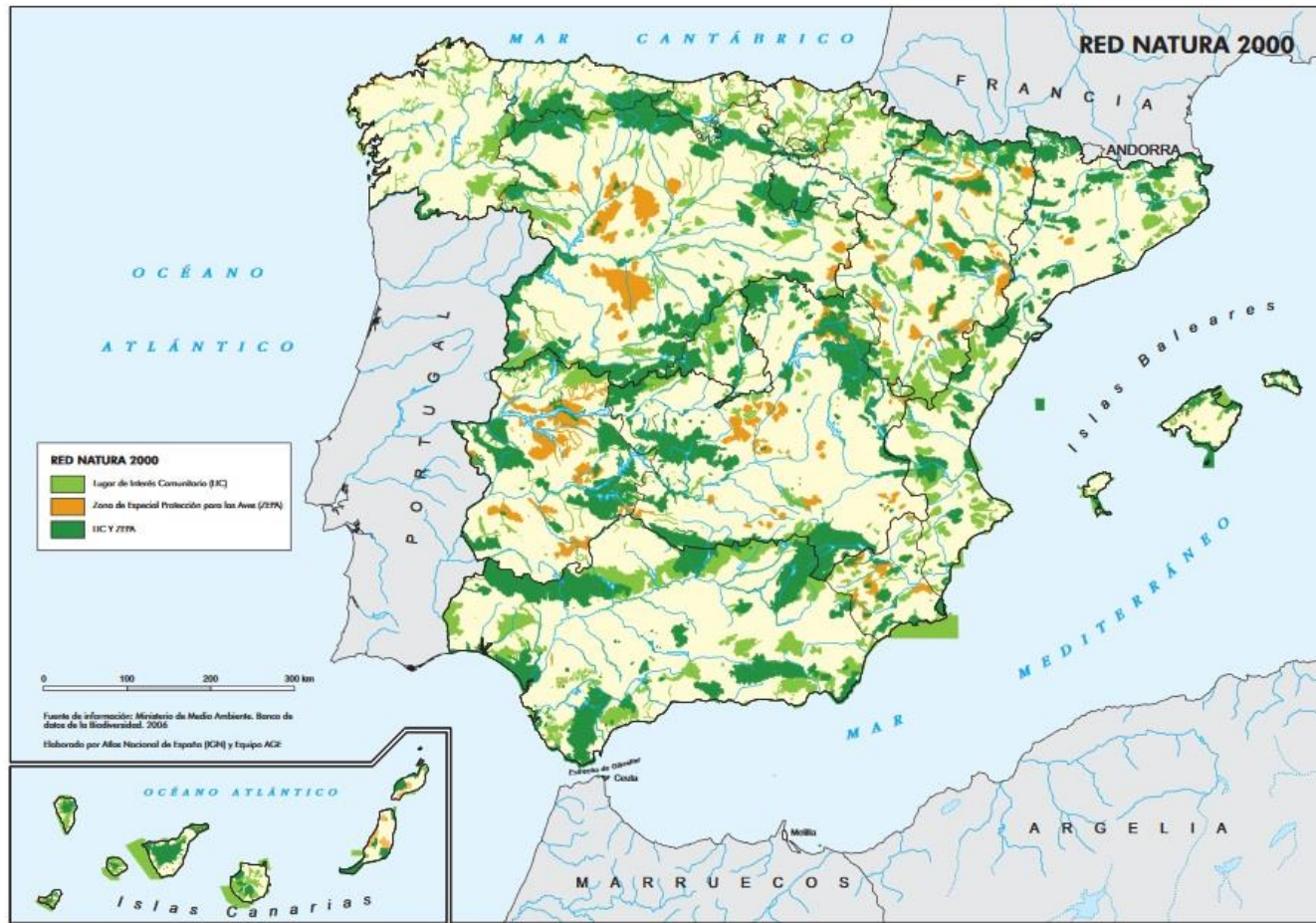
Alvaro Fernández
alvaro.fernandez@cetursa.es



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Protected Natural Areas in Spain



15 National Parks

151 Natural Parks

**13% of the country
(27% Nature network
2000)**



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Spanish Biodiversity





Natural Protected Areas

- Environment protection
- Cultural richness
- Social cohesion
- Preserve the customs
- Ecological farming
- Sustainable tourism
- Research

Economic Development



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Sierra Nevada: Natural & National Park

- **Foundation: 1989; 1991**
- **Extension: 172.238 Ha**
- **Biosphere Reserve by UNESCO**
- **Huge altitude and climate range**
- **Endemic nature**





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Sierra Nevada Natural Park

- 2 Provinces: Granada and Almeria
- 5 Bioclimate ranges
- 26 Habitats
- Altitude from 300m to 3479m
- 2.100 different plants (66 endemic)
- 297 kinds of animals and more than 18.000 invertebrates





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Sierra Nevada Activities (representative examples)

Sulayr Trail

SIAC (High peak tour)

Cycling route

Botanic Garden

Ethnographic journey

Bivouac





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Sustainable chart

45 Natural areas joined and 465 companies in Spain

Sierra Nevada is in Phase II: 32 companies

- 15 Accommodations
- 7 Activity companies
- 2 Restaurants
- 4 Natural Schools
- 3 agro-alimentary sector companies
- 1 craft company

Examples





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Improvements

- 1.- Economical support for the Institutions
2. Training courses
- 3.- Marketing and Action Plan
- 4.- Coordination with others tourism strategies (Biosphere Reserves, i.e.)
- 5.- More typologies of companies to join



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Sierra Nevada Ski Resort

- Best seller in Spain: 1.000.000 customers
- 110 km slopes
- 1.030 Ha (380 Ha groomed)
- 21 Lifts
- 1.100 m vertical drop
- 4.000 Parking places
- 350 Snowgun

Sierra Nevada is an information point of National Park (join to ECST)





Sierra Nevada Resort border

- Inside of Natural Park
- Only a 1,41 %
- Exclusive area C3 (Ski compatible)
- A restricted area close to National Park (B4 area)





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Sierra Nevada Ski Resort

C3 Alpine Ski is a “Consolidated intensive use for snow sports area”

- Snow sport
- Snow grooming (and motor vehicle)
- Snow making
- Infrastructures for resort development
- Accident and rescue
- Movement of the snow





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Sierra Nevada Ski Resort

Activities and new infrastructures, we need:

- 1.- Previous environment study (“AAU: Autorización Ambiental Unificada”)
- 2.- Project approved by authorities of the Natural Area.
- 3.- Refocusing on the ground
- 4.- Special follow up by the environmental agent
- 5.- Natural recovery of the area
- 6.-A deposit of 10% of the investment (to remove the infrastructure in the future)



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Sierra Nevada. Complementary Environmental Actions



- 1.- Environmental department
- 2.- Limited use of water for snowmaking (350.000 m³)
- 3.- Efficiency use of water
- 4.- Reduction in energy consumption
- 5.- Recycling system (metal: iron, steel, aluminium; glass, oil,...)
- 6.- Wooden poles in slopes
- 7.- Cleaning days
- 8.- Greenhouse for endemic plants
- 9.- Sowing seeds on slopes



Gracias!!!





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Supporting Parks
Protecting Nature
Promoting Sustainability
Bringing People Together