



webinarios RedBosques_Clima

Forest adaptation to climate change
from a Mediterranean region perspective

LIFE RedBosques_clima: Nature-based Solutions for Forests Adaptation to Climate Change

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The LIFE RedBosques_Clima Project



DURATION: 01/09/21 - 30/11/25

Coordination: Fundación Fernando González Bernáldez

Partners:

- Generalitat de Catalunya
- Centre de Recerca i Aplicacions Forestals CREAM
- Generalitat Valenciana
- VAERSA
- Junta de Comunidades de Castilla-La Mancha

Cofinancing Partner: Gobierno Vasco





Forests and Climate Change

Temperature increase
 Less rainfall/ irregular
 More intense and frequent extreme events (heat waves)

Most forest area is ...

- Young
- Very dense
- Homogeneous, continuous
- Regular structure (few age classes)
- One-species canopy

Vulnerable to climate change

- Droughts
- Wildfires

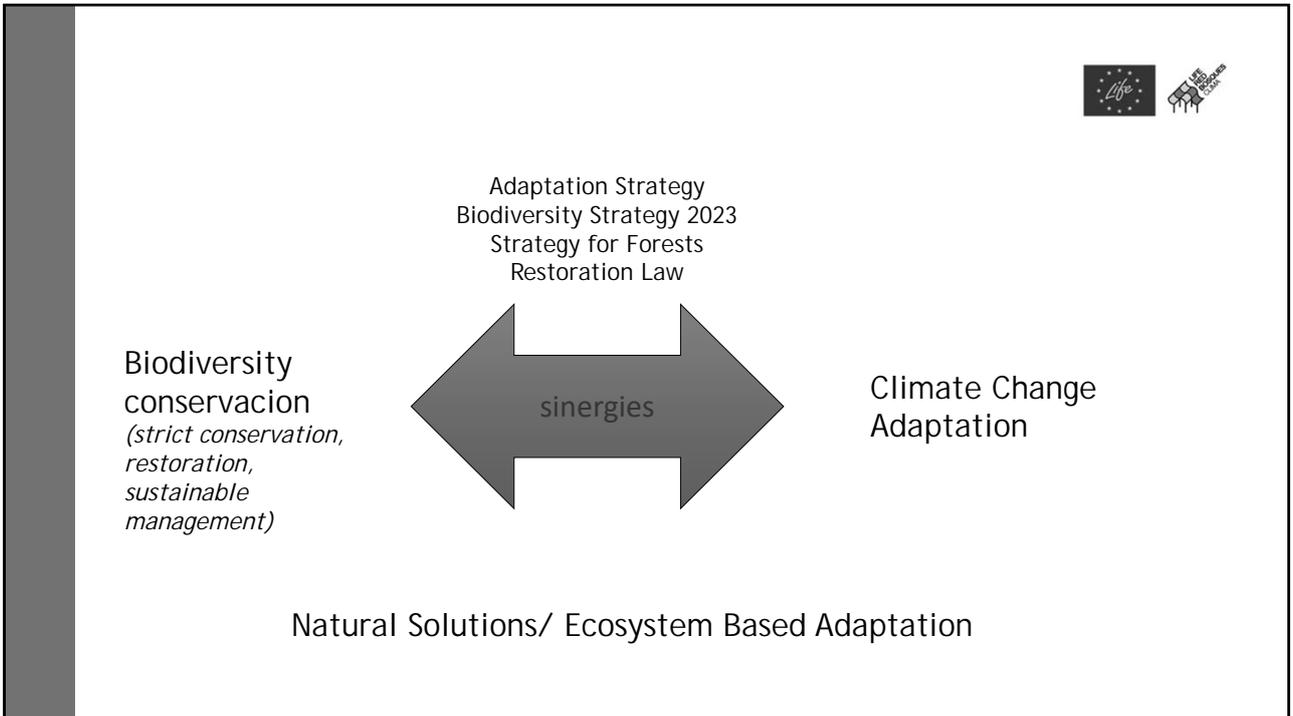
The image shows a black and white photograph of a wide, forested valley. In the background, there are mountains and a river winding through the valley. The foreground is filled with dense forest.



- Natural regeneration of forests in abandoned agricultural land
- No economic profit for active management
- Focus on adaptation: resilient mosaics



- Pine plantations on *late 60's* (+3MHa)
- No silviculture/ management since plantation
- Public or private ownership
- No economic revenue
- Focus on adaptation and habitat restoration



Forests in European Policies



Topics Analysis and data Countries Newsroom About us



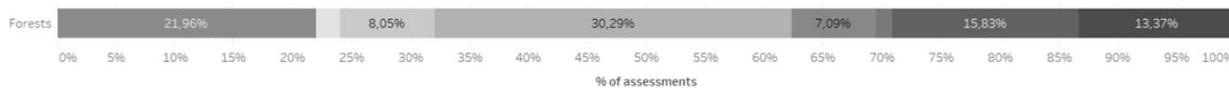
Conservation status and trends of habitats and species

Dashboard / Published 19 Dec 2016 / Modified 21 Aug 2013



Habitat - conservation status and trend in conservation status

(Member State(s): Todo, Region(s): Todo, Habitat group(s): Forests)



Conservation status & trend

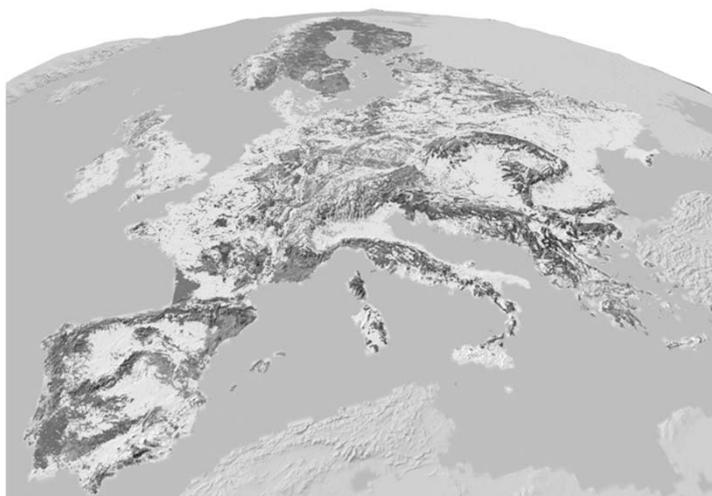
- FV - Favourable
- XX - Unknown
- U1 improving
- U1 stable/unknown
- U1 decreasing
- U2 improving
- U2 stable/unknown
- U2 decreasing
- Not applicable / not assessed



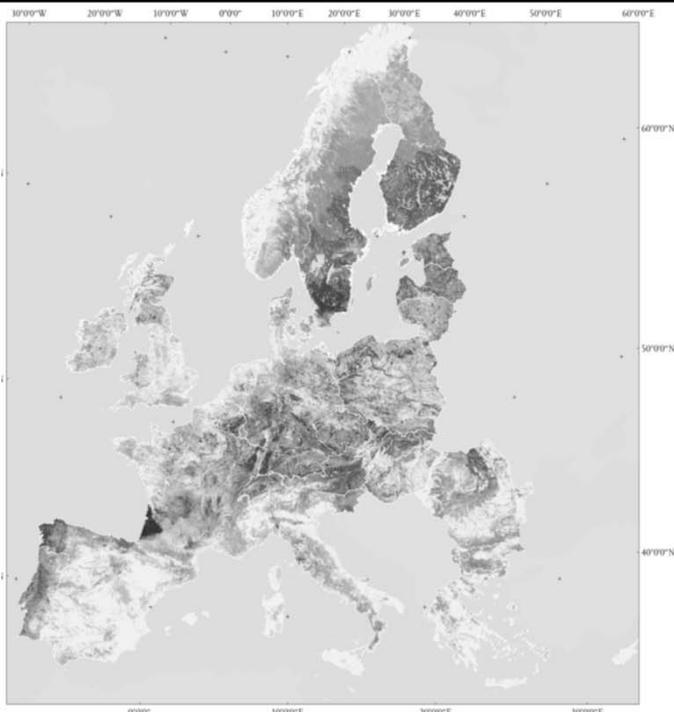
Forests in Southern Europe



Forests and Climate Change



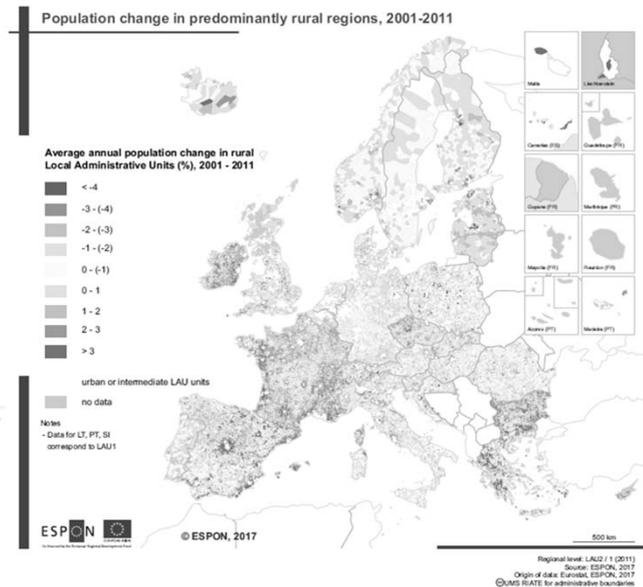
Source: European Forest Institute



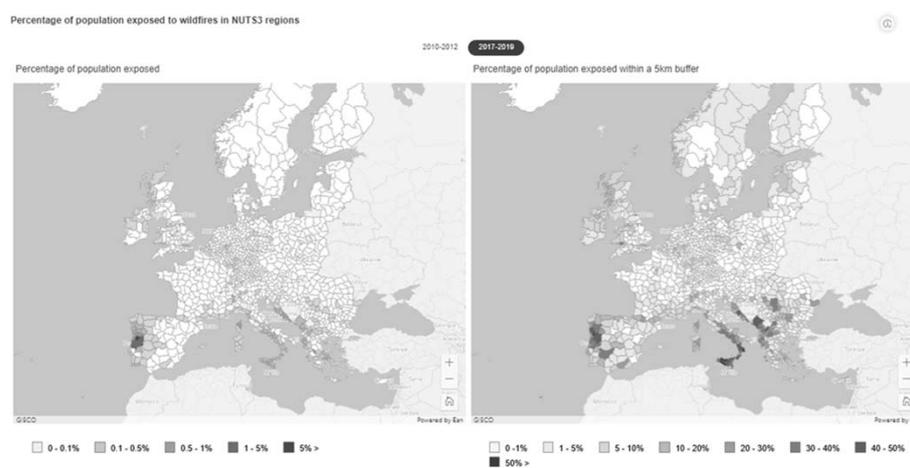
Wood production (m³-ha⁻¹-year) in Europe averaged over the period 2000-2010.



Forests Southern Europe



Forests Southern Europe



19/02/2025

Sources
 (1) EEA, 2023. Water scarcity conditions in Europe (Water exploitation index plus) (8th EAP)

