

LIFE Tritó Montseny (LIFE15 NAT/ES/000757)

Conservation of the endemic Montseny brook newt, management of its riparian habitat and involvement of society

Daniel Guinart, Sonia Solorzano, Jordina Grau, Joana Barber



Goal: To conserve the Montseny brook newt & To improve the riparian habitat
(endemical and critically endangered) (in regression with anthropogenic threats)



Method: 49 Actions grouped into 5 strategic lines

Conservation

Expanding the geographic distribution using newts bred in captivity



Habitat Management

Eliminating or minimizing threats



Protection

Establishing legal coverage and defining strategic planning



Research & Monitoring

Increasing the scientific and technical knowledge



Dissemination & Education

Involving and engaging stakeholders, especially local community.



IV. Policy and Finance for ARC in Europe

Relevant Results

- The **protection** of *C.arnoldi* has been **led**, by agreements with landowner, legislation and planning, habitat protection, biosecurity, ...
- The **sustainable use** of stream water and forest has been **promoted**, by introducing good environmental practices and involving local stakeholders
- The **genetic** conservation and expansion of **distribution** have been **ensured** by the breeding and reintroduction program
- **Knowledge** of the biology and the ecology has been **improved**

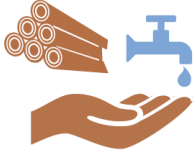


Lessons Learnt

- ✓ The **conservation** of a critically endangered species **depends** on the conservation of its **habitat**
- ✓ Research and **monitoring** have been **essential** tools for adaptative and efficient **management**
- ✓ Dissemination and **education** are **basic** tools for **involving** local society in any conservation project
- ✓ The lack of a contingency plan has forced us to improvise and extend the project

Visual Summary
LIFE Tritó Montseny

Key Messages



It's necessary to reach a consensus on a sustainable management of natural resources, as are water and wood, historically exploited in the Mediterranean area.



The commitment of a large multidisciplinary team is the engine of a projects. Synergies and coordination will be the energy to achieve the expected objectives.



Research & Monitoring are essential.
Without them there is no learning and no improvement



Climate change is the challenge. Application of our environmental policies is the opportunity. LIFE programme is a very valuable instrument to promote the resilience of native habitats and preserve our natural heritage

Goals & Method

project has aimed at improving the conservation status of the Montseny brook newt (*Calotriton arnoldi*), an endemic amphibian (described in 2005) ‘critically endangered’ with many threats; and restore its riparian habitat.

50 actions have been carried out, grouped into five strategic lines:

- Conservation Expanding its geographic distribution using newts bred in captivity,
- Research & Monitoring Increasing the scientific and technical knowledge
- Habitat Restoration Eliminating or minimizing threats that exist in the riparian habitat,
- Dissemination & Education Involving and engaging stakeholders, especially local community, and scholarships
- Protection Establishing proper legal coverage and defining long-term strategic planning,

And now I propose you a Brain Game, consisting of see and hear , read and assimilate. Let's go ? OK Game Obert
Well, tomorrow we will pass the test to assess your intellectual comprehension