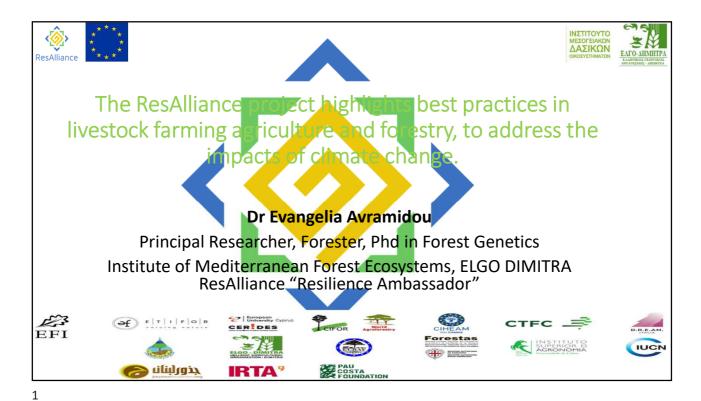
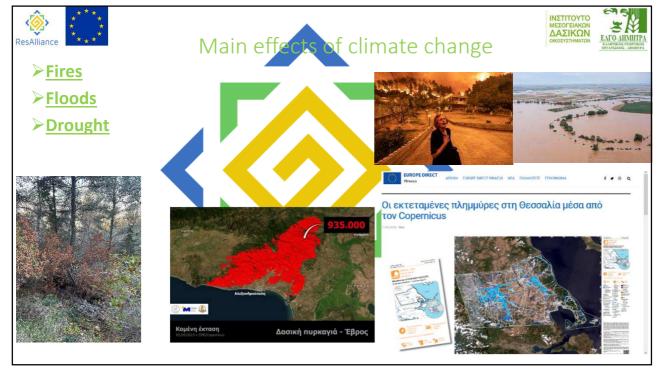
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The ResAlliance Project

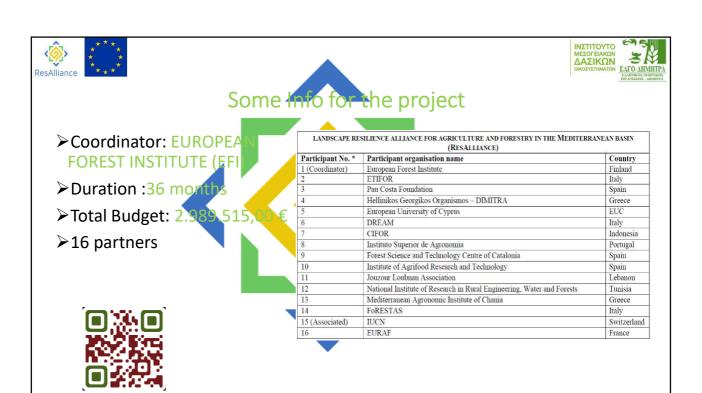
The ResAlliance project "Knowledge Alliance on Landscape Resilience for Agriculture and Forestry in the Mediterranean Basin" aims to gather and analyze scientific knowledge and good practices to address the impacts of climate change that are practically applied, based on tradition or new techniques and technologies, to highlight them and facilitate their dissemination across the Mediterranean.

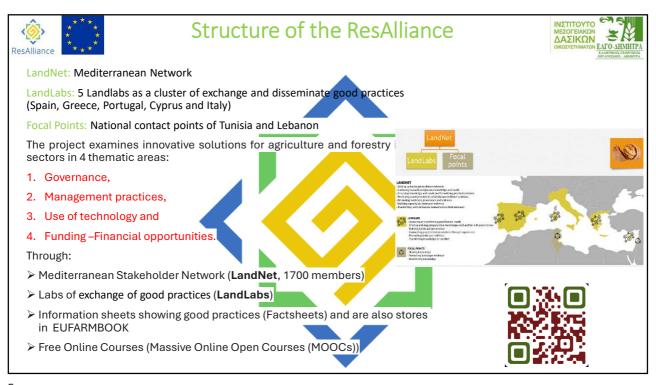
Το κύριο «εργαλείο» για τον σκοπό αυτό είναι η δημιουργία ενός δικτύου γνώσης και ευαισθητοποιημένων ανθρώπων με το όνομα LandNet!!!





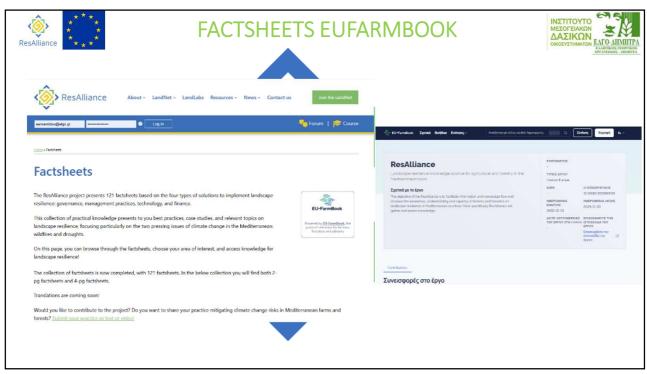
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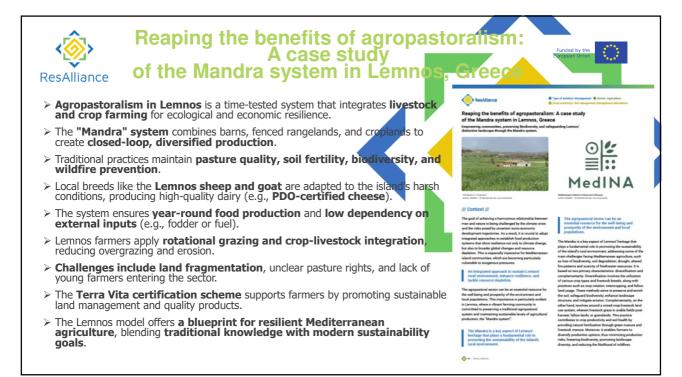


GPS collars: remote monitoring of mountain grazing

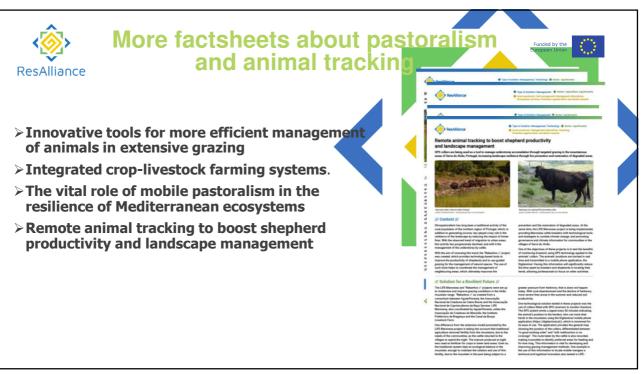
- Traditional grazing practices are declining in northern Portugal, leading to increased wildfire risks due to under-managed shrublands.
- The "Rebanhos +" and LIFE Maronesa projects aim to restore sustainable silvopastoralism and improve fire prevention through coordinated grazing strategies.
- GPS collars with real-time tracking are used to monitor livestock, simplifying herd management and improving labor efficiency.
- The Digitanimal app enables farmers to track animal locations, behaviors, and grazing patterns, informing better pasture management.
- > These technologies help identify preferred grazing zones, optimize use of land, and guide interventions like shrub clearing or fire use.
- Network coverage issues in remote mountains are a challenge but are being addressed through relay units and the SigFox network.
- > Environmental benefits include restored ecosystems, reduced wildfire risk, and carbon sequestration tracking through grazing data.
- The project supports the return of the Maronesa cattle breed, adding economic value and preserving local agroecological traditions

Procedure processors of the control of the control

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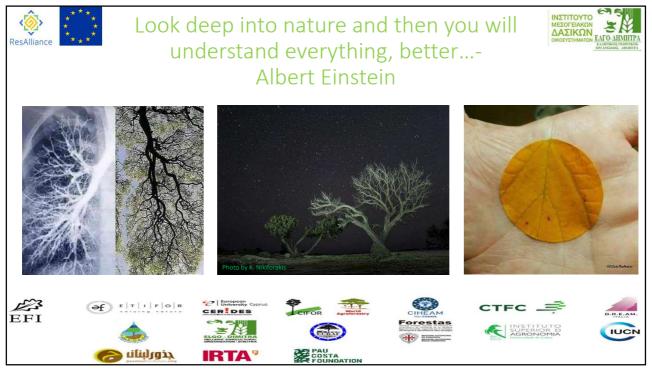




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