

AgroForAdapt - LIFE20 CCA/ES/001682

Agroforestry systems for climate change adaptation of Mediterranean agricultural and forest areas

PROJECT LOCATION:

Catalonia + Castile & Leon (Es)
Occitanie + PACA (Fr)

BUDGET INFO:

Total amount: 3,024,537 €

% EC Co-funding: 55%

DURATION: 01/10/21 - 30/09/26

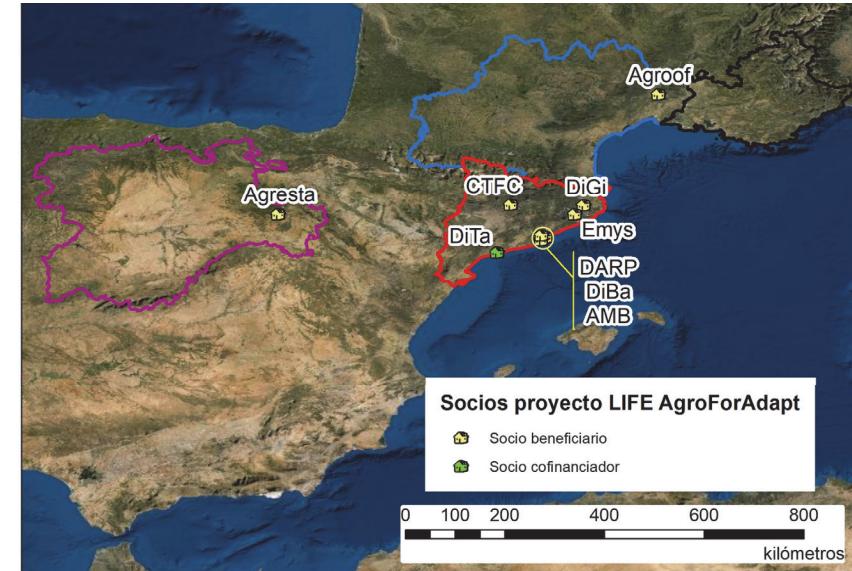
PROJECT'S IMPLEMENTORS:

Coordinating Beneficiary:

Forest Sciences and Technology Center of Catalonia - CTFC (Es)

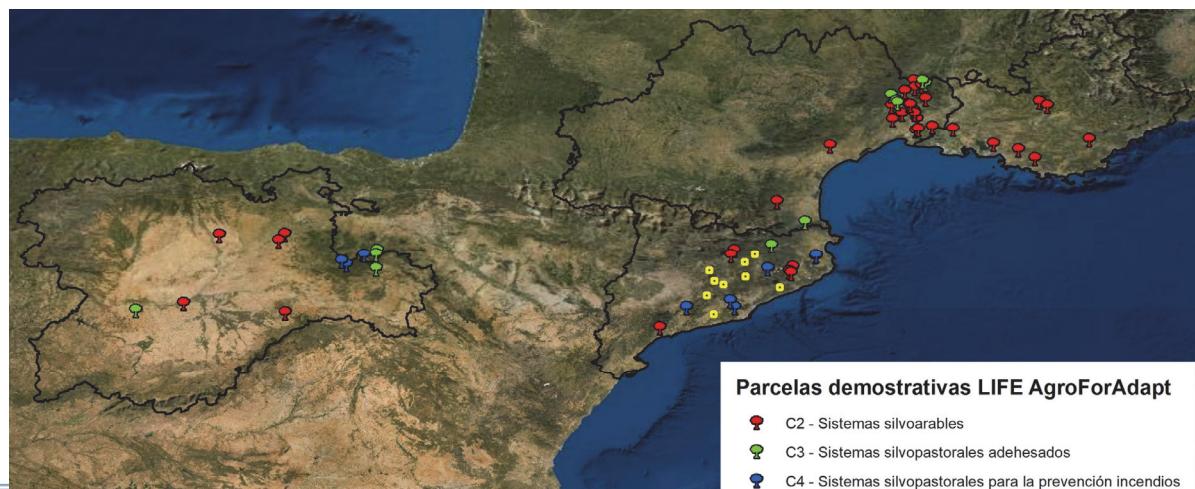
Associated Beneficiaries:

Barcelona province council (DiBa); Metropolitan Area of Barcelona (AMB); Girona province council (DiGi); Catalan Department of Climate Action (DAAC); Emys Foundation (Emys), Agresta s. Coop (Agresta) – Spain / Agroof - France



PROJECT'S HIGHLIGHTS

- Agroforestry is an ecosystem-based land use with multiple benefits (productive, environmental, CC adaptation & mitigation), mentioned in the EU Green Deal and most EU top strategies. However, its level of adoption is insufficient.
- The 8-beneficiaries consortium has a high level of complementarity:
 - Policy makers, research centres, consultancy companies, public administrations.
 - CC adaptation, agro-pasture-forest management, biodiversity, governance, socioeconomy...
- Project approach: mainstreaming agroforestry based on:
field-based information + dissemination + replication + new technical & policy & market tools
- 62 demonstrative sites, in forest & agri & pasture sites: 800+ ha; 98% with commitment letter



OBJECTIVES & SCOPE

Main objective: to promote agroforestry systems (AF) for climate change adaptation of the agri + forest sectors in Mediterranean areas. AF systems:

- silvoarable: woody vegetation + crops
- silvopastoral: woody vegetation + livestock grazing

Solutions proposed & actions:

- New 165 ha of silvoarable systems + management improvement in 126 ha.
- New 511 ha of silvopastoral systems (in either pastures or closed forests).
- Replication of AF systems in additional 1,375 ha.
- Assess these systems: resilience (drought, fires) + multiple ecosystem services: biodiversity, profitability, C fixation, landscape values...
- Develop decision-support tools for prioritising areas for AF deployment.
- Promote AF in adaptation + land management plans & policies.
- Raise awareness on the interest and multifunctionality of AF.
- Develop + pilot scale application of planning & commercial tools to promote AF in rural and urban-seminatural interface areas.

EXPECTED IMPACTS

	During project (21-26)	After project (26-31)
Bioenergy production	18,420 MWh/year	18,450 MWh/year
Forest area under SFM	1,383 ha	1,450 ha
Agri area managed sustainably	165 ha	400 ha
EU Habitats with improved evolution	883 ha	870 ha
Jobs created	18.2 FTE	10.1 FTE
Awareness raising	1,850,000 people	200,000 people

POLICY IMPLICATIONS

Main policies targeted:

Priority area: Climate change adaptation

Policy area: "Resilience of agri & forest sectors"

Work areas: Adapting forests to CC risks and impacts + Adaptation of agriculture to CC

Other CCA policy areas: sustainable water management in drought-prone areas + Urban adaptation

Other Priority areas: Climate Change mitigation (all 4 specific objectives)

Climate governance & information (all 4 specific objectives)

Contribution to the regional, national & EU implementation and take-up:

- EU Policies mentioning agroforestry as a practice to promote: Biodiversity Strategy; Farm to Fork Strategy; Green Deal; Bioeconomy strategy; LULUCF Regulation; Strategy 2050; Strategy on adaptation to climate change; Forest Strategy; CAP and EAFRD
- Other ongoing and future policies related to climate change adaptation & mitigation, agriculture, forestry, rural development, bioeconomy, sustainability

CONTINUATION 2026-2031

- Support replication: 400 ha silvoarable + 1,550 ha silvopasture
- Continuation of monitoring + management support of demo systems
- Continuation of communication actions: webpage, articles
- Support the adoption of the technical & market tools developed:
 - Mediterranean Agroforestry Network
 - Planning tools for AF prioritisation
 - Planning tools for AF management
 - Pilot market promotion of AF products