



Farmers uptake of carbon sequestration practices in Greece

Case studies, challenges, and pathways

“Carbon Farming: Benefits in the
Mediterranean region”
Thessaloniki | 10th December 2025

The Southern Lights
Regenerative Farming Greece
Sheila Darmos





Basis of Insights – Our own farm in Skala Laconia

- Farm with regenerative practices since 2015 (diverse agroforestry)
- first organic farm in Greece
- Agroforestry since 2015
- more than 100 species in 2ha
- managing in total ~6ha in transition
- productive species: olives, various citrus, pomegranates



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Basis of Insights – Educational and research site

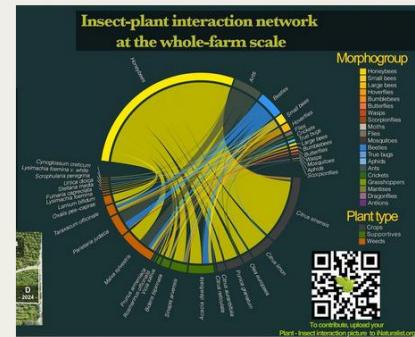


training Educational site

Every year we welcome more than 300 people on our farm and train them on topics of sustainability, specifically tools for regenerative agriculture, natural buliding, renewable energy, civic engagement and social entrepreneurship.

prototyping Research

Research on our farm on biodiversity, agroforestry, soil health and many more.



networking Local hub

A place to connect for locals and internationals on topics like regenerative agriculture and many more.

civic engagement Third place

Space of co-creation for our region and around topic of agrifood and others.



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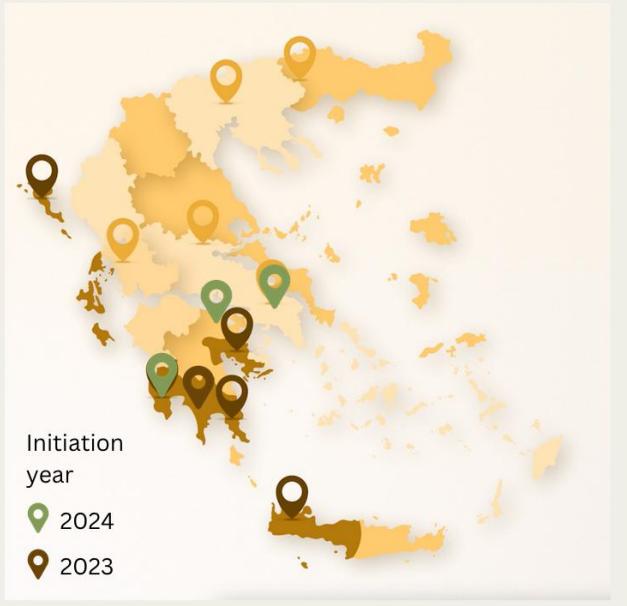


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Basis of Insights –Local Networks and Pilot farms

- Creation of peer-to-peer learning networks in major agricultural regions around shared aims
- local ambassadors
- local hubs
- interregional ambassador learning facilitation



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Key Practices

Agroforestry and mulching

- To diversify income streams
- Increase usable crop area through layered approach
- To diversify soil life
- Produce organic matter on site (reduce external inputs)
- Reduce extreme weather pressure (wind, hail, heat)
- Diverse habitat contributes to insect population and balanced insect population



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What inhibits uptake by farmers in Greece?

- Access to machinery (municipal/regional solutions)
- Access to knowledge and training
 - Agronomists
 - Extension services (ΟΣΔΕ etc)
- Inhibiting legal frameworks and lack of subsidies
- Innovative market access for diverse smaller crops



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Conclusion

Farmers are ready to change but is the rest of the agri-food eco system ready?



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Sheila Darmos
sheila@thesouthernlights.org

www.thesouthernlights.org
www.rfg.gr



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