



THE PROJECT

CarboNostrum is a transnational consortium funded by Erasmus + and composed of organisations from 5 countries in the Mediterranean. Partners from Portugal, Spain, Greece, Italy, and Türkiye have come together to provide tools and knowledge to empower smallholder farmers and young and new agriculture producers to apply climate change mitigation and adaptation solutions in poor and degraded lands of Mediterranean ecosystems. The CarboNostrum HUB is still in development and will feature a Handbook, a Battery of Case Studies on climate-smart agriculture, an online course, and an interactive visualization tool containing vital information on climate and biophysical factors that affect the carbon cycle.



SOIL, AGRICULTURE, AND THE MEDITERRANEAN

The Mediterranean region is particularly susceptible to the effects of climate change. Its characteristically poor capital of soils has been further threatened and degraded by unadjusted agricultural practices. However, there is much more to agriculture. Unsustainable practices are part of the problem, but climate-smart methods can be part of the solution. Agriculture is a vital part of society and has the potential to increase resilience and promote a better environment. It needs to adapt and build more resilient production systems capable of sustainably maintaining yields, ensuring food security and contributing to climate change adaptation.

If you are a farmer in the Mediterranean region, chances are you have been dealing with enhanced desertification and other issues related to climate change, and now face the question on how to adapt your production to match economic and environmental needs both in the short and long term. If that's your case, stay tuned for the CarboNostrum's updates!

THE NEW COMMON AGRICULTURE POLICY

To reach the aforementioned goals, some European initiatives aim at providing balanced solutions to meet environmental, biodiversity, and climate objectives while ensuring food security. The new Common Agriculture Policy (CAP) is particularly important. From 2023 to 2027, the new CAP will be built around ten key objectives, which include ensuring fair income for farmers, increasing competitiveness, environmental care, preserving generational renewal, and fostering knowledge and innovation. This new CAP legislation is due to begin in 2023 and was envisioned as a modernized policy that emphasizes performance and results, offering more direct support to smaller farmers and promoting more flexibility to Member States for adapting its goals to local conditions. You may find more information about the new CAP in the EU languages [HERE](#).



PROGRESS OF THE PROJECT DEVELOPMENT AND NEXT STEPS

We have been working hard to deliver top notch results. We have been carrying out field and desk research, running focus groups with experts, and filming case studies of best practices in Climate-Smart Agriculture in all partners' countries.



The first opportunity for our partnership to meet each other in person was during our first transnational meeting in Istanbul (Türkiye) in May. Not only was this meeting essential for better organizing the next operational steps, we also took part in a filmmaking workshop for properly conducting high-quality case studies. The first of them was filmed at the end of this encounter.



More recently, the CarboNostrum team met in the Spanish city of Murcia in October for the second transnational meeting, where we discussed the completion of the CarboNostrum Handbook and the Battery of Case Studies. All results will be available in English and all partnership languages (PT, TR, EL, ES, and IT).

CASE STUDIES

When discussing and teaching Climate-Smart Agriculture practices, case studies are pivotal. They provide the base examples of real-world applications, showcase advantages and challenges, and help boost the confidence of newcomers to adopt these practices. There is no better teaching moment than by example, and these case studies are exactly that! We will film at least 10 case studies, 2 in each partner country. **FARGE ORGANIK (TR)** – The first finalized case study, Farge Organik, was the pilot film of an example of best practices related to climate-smart agriculture and sustainability filmed during our first transnational meeting in Türkiye. We are proud to say that this movie was part of the official selection of the 28th CineEco – Serra da Estrela International Environmental Film Festival. You can watch the Farge Organik movie on our YouTube. You may also follow Farge Organik on social media!



PORCUS NATURA and HORTAS DA RAINHA (PT) – Two more case studies are in the last steps of post-production and will be available on our YouTube channel very soon. Both were filmed in Portugal, and we can't wait to show them to you. In the meantime, if you want to know more about both projects, follow Porcus Natura and Hortas da Rainha! All other case-studies are currently in production and will be released in the next few months.

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